

Submission of Information

by

Rai University, Ahmedabad

(Gujarat State Private University)

To

University Grant Commission (UGC), New Delhi

for

Ascertaining Norms and Standards.

Detailed Project Report

Submitted

on

04 June 2014



Rai University
EVOLVING THINKING MINDS

Ahmedabad

**Receiving of
Submitted Information**



Chairman
University Grant Commission
Bahadur Shah Zafar Marg,
New Delhi 110002

Sub: Submission of Information Rai University, Ahmedabad (a State Private University).

Dear Sir,

This has reference to establishment of Rai University, Ahmedabad as a private university enacted by Government of Gujarat in April 2012.

We would like to state that we have been asked by you to provide some information in a specific format to ascertain the norms and standards in respect to Rai University, Ahmedabad.

We are hereby submitting the detailed information in the prescribed Performa as required by you for inspection purpose.

We would request you to kindly take it on your record.

Thanking You

Yours Faithfully

Dr. Charu Acharya

Dy Provost



Rai University
EVOLVING THINKING MINDS

Ahmedabad

Filled Performa
&
Detailed Project Report



**UNIVERSITY GRANTS COMMISSION
BAHADUR SHAH ZAFAR MARG
NEW DELHI-110002**

Performa for submission of information by State Private Universities for ascertaining their norms and standards

A. Legal Status

1.1	Name and Address of the University	Rai University Ahmedabad, Saroda, Dholka Taluka, Ahmedabad, PIN – 382260, Gujarat	
1.2	Headquarters of the University	Rai University Ahmedabad, Saroda, Dholka Taluka, Ahmedabad, PIN – 382260, Gujarat	
1.3	Information about University		
	a.	Website	www.raiversity.edu
	b.	E-mail	registrar@raiversity.edu
	c.	Phone Nos	09687604286 (Registrar's No)
	d.	Fax Nos	079-30529108
	Information about Authorities of the University		
	a.	Ph. (Including Mobile), Fax Nos. and e-mail of Chancellor	president@raiversity.edu
	b.	Ph. (Including Mobile), Fax Nos. and e-mail of Vice-Chancellor	provost@raiversity.edu dyprovost@raiversity.edu
c.	Ph. (Including Mobile), Fax Nos. and e-mail of Registrar	registrar@raiversity.edu	
	Ph. (Including Mobile), Fax Nos. and e-mail of Finance Officer	financeofficer@raiversity.edu	

1.4	Date of Establishment	<p>Date: 10th April 2012</p> <p>Rai University Ahmedabad is a Self Financed Private University enacted under “Gujarat Private University Act, 2009” through Gujarat Act No. 12 of 2012.</p> <p>Published in the Gujarat Government Gazette (Extraordinary) Notification, Dated - April, 11 2012.</p> <p>Government Notification No. GH/SH/8/GPU/2012/25/kh-1 dated 2.5.2012</p> <p><i>Copy of “Gujarat State Private University Act 2009” enclosed herewith as Annexure No_1</i></p> <p><i>Copy of “Gujarat State Extraordinary Gazzet Notification” enclosed herewith as Annexure No_2</i></p> <p><i>Copy of “Notification of Govt of Gujarat” enclosed herewith as Annexure No_3</i></p>								
1.5	<p>Name of the Society/Trust promoting the University (Information may be provided in the following format)</p> <p>(Copy of the registered MoA/Trust Deed to be enclosed)</p>	<p>Rai Foundation is a Not-for-Profit NGO and a public charitable trust registered at Delhi under the Indian Registration Act 1860. No – 5539, dated 01/08/1996.</p> <p><i>Copy of “Trust Deed of Rai Foundation (Sponsoring Body)” enclosed as Annexure No_4</i></p>								
1.6	<p>Composition of the Society/Trust</p> <table border="1"> <thead> <tr> <th>Name</th> <th>Address</th> <th>Occupation</th> <th>Designation in the Society/Trust</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Name	Address	Occupation	Designation in the Society/Trust					<p>Composition of the Trust is enclosed as Appendix - I</p>
Name	Address	Occupation	Designation in the Society/Trust							

1.7	<p>Whether the members of the Society/Trust are members in other Societies/Trusts or in the Board of Governors in companies? If yes, please provide details in the following format :-</p> <table border="1"> <thead> <tr> <th>Name of the member</th> <th>Addresses</th> <th>Name of the Society/Trust</th> <th>Designation in the Society/Trust</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	Name of the member	Addresses	Name of the Society/Trust	Designation in the Society/Trust					<p>No.</p> <p>Appendix - II</p>
Name of the member	Addresses	Name of the Society/Trust	Designation in the Society/Trust							
1.8	<p>Whether the promoting Society/Trust is involved in promoting/running any other University/ Educational Institution? If yes, please give details in the following format:-</p> <table border="1"> <thead> <tr> <th>Name of the University/ Educational Institution</th> <th>Activities</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> </tr> </tbody> </table>	Name of the University/ Educational Institution	Activities			<p>No</p> <p>Appendix - III</p>				
Name of the University/ Educational Institution	Activities									
1.9	<p>Whether the promoting Society/Trust is involved in promoting/running activities other than educational? If yes, please give details in the following format:-</p> <table border="1"> <thead> <tr> <th>Name of the Organization</th> <th>Activities</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> </tr> </tbody> </table>	Name of the Organization	Activities			<p>No</p> <p>Appendix - IV</p>				
Name of the Organization	Activities									
1.10	<p>Act and Notification under which established (Copy of the Act & Notification to be enclosed)</p> <p>Enclosed <input checked="" type="checkbox"/> Not enclosed</p>	<p>Rai University Ahmedabad is a Self Financed Private University enacted under “Gujarat Private University Act, 2009” through Gujarat Act No. 12 of 2012.</p> <p>Published in the Gujarat Government Gazette (Extraordinary) Notification, Dated - April, 11 2012.</p> <p>Government Notification No. GH/SH/8/GPU/2012/25/kh-1, Dated 2.5.2012</p> <p><i>Copy of Act enclosed herewith as Annexure No_1</i></p> <p><i>Copy of Gazzet Notification enclosed herewith as Annexure No_2</i></p> <p><i>Copy of Notification of Govt of Gujarat enclosed herewith as Annexure No_3</i></p>								

1.11	Whether the University has been established by a separate State Act?	<p>Yes, the university has been established by separate and independent Act No.12 of 2012, passed in Gujarat State Legislature Published in Gujarat Government Gazette (Extraordinary) Notification, Dated - April, 11 2012.</p> <p>Government Notification No. GH/SH/8/GPU/2012/25/kh-1, Dated 2.5.2012</p>
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B. Organization Description

2.1	Whether Unitary in nature (as per the UGC Regulation)	Yes
2.2	Territorial Jurisdiction of the University as per the Act	<p>Jurisdiction of RAI UNIVERSITY has been mentioned in the Act No.12 of 2012 passed in Gujarat State Legislature.</p> <p>Government Notification No. GH/SH/8/GPU/2012/25/kh-1, Dated 2.5.2012</p>
2.3	Details of the constituent units of the University, if any, as mentioned in the Act	<p>The University has following Depts, namely</p> <ul style="list-style-type: none"> • Dept of Engineering <ul style="list-style-type: none"> ▪ Information Technology ▪ Computer Science ▪ Electronics and Communication ▪ Electrical ▪ Mechanical ▪ Civil ▪ Automobile • Dept of Management • Dept of Applied Sciences • Dept of Diploma (Engineering) • Dept of Life Sciences
2.4	<p>Whether any off-campus centre(s) established? If yes, please give details of the approval granted by the State Government and UGC in the following format :-</p> <p>a. Place of the off-campus _____</p> <p>b. Letter No & date of the approval of State</p>	<p>The University has not established any Off-Campus centers.</p> <p>(Appendix – V)</p>

	Government _____ c. Letter No. & date of the approval of UGC	
2.5	Whether any off-Shore campus established? If yes, please give details of the approval granted by the Government of India and the host country in the following format:- a. Place of the off-shore campus _____ b. Letter No. & date of the approval of Host Country _____ c. Letter No. date of the approval of Government of India _____	The University has not established any Off-Shore campus centers. (Appendix – VI)
2.6	Does the University offer a distance education program? If yes, whether the courses run under distance mode are approved by the competent authority? (Please enclose attested copy of the course-wise approval of competent authority)	No
2.7	Whether the University has established study centre(s)? If yes, please provide details and whether these study centers are approved by the competent authority of the University and UGC?	The University has not established any study centers. (Appendix – VII)

C. Academic Activities Description

3. Academic Programmes

3.1	Details of the programmes permitted to be offered by Gazette Notification of the State Government and its reference	<table border="1"> <thead> <tr> <th>Programme</th> <th>Sanctioned Intake *</th> <th>Actual enrolment</th> </tr> </thead> <tbody> <tr> <td>UG</td> <td>--</td> <td>--</td> </tr> <tr> <td>PG</td> <td>--</td> <td>--</td> </tr> <tr> <td>Diploma</td> <td>--</td> <td>--</td> </tr> <tr> <td>PG Diploma</td> <td>--</td> <td>--</td> </tr> <tr> <td>Certificate Course</td> <td>--</td> <td>--</td> </tr> <tr> <td>M.Phil</td> <td>--</td> <td>--</td> </tr> <tr> <td>Ph.D</td> <td>--</td> <td>--</td> </tr> <tr> <td>Any other (pl. Specify)</td> <td>--</td> <td>--</td> </tr> </tbody> </table>	Programme	Sanctioned Intake *	Actual enrolment	UG	--	--	PG	--	--	Diploma	--	--	PG Diploma	--	--	Certificate Course	--	--	M.Phil	--	--	Ph.D	--	--	Any other (pl. Specify)	--	--
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The university has decided to intake as per the established norms.																													
Details are provided in Appendix VIII																													

3.2	Current number of academic programmes/ courses offered by the University.	<table border="1"> <thead> <tr> <th>Programme</th> <th>Sanctioned Intake *</th> <th>Actual enrolment</th> </tr> </thead> <tbody> <tr> <td>UG</td> <td>--</td> <td>--</td> </tr> <tr> <td>PG</td> <td>--</td> <td>--</td> </tr> <tr> <td>Diploma</td> <td>--</td> <td>--</td> </tr> <tr> <td>PG Diploma</td> <td>--</td> <td>--</td> </tr> <tr> <td>Certificate Course</td> <td>--</td> <td>--</td> </tr> <tr> <td>M.Phil</td> <td>--</td> <td>--</td> </tr> <tr> <td>Ph.D</td> <td>--</td> <td>--</td> </tr> <tr> <td>Any other (pl. Specify)</td> <td>--</td> <td>--</td> </tr> </tbody> </table> <p>Details are enclosed as Appendix – IX</p>	Programme	Sanctioned Intake *	Actual enrolment	UG	--	--	PG	--	--	Diploma	--	--	PG Diploma	--	--	Certificate Course	--	--	M.Phil	--	--	Ph.D	--	--	Any other (pl. Specify)	--	--
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Any other (pl. Specify)	--	--																											
3.3	<p>Whether approvals of relevant statutory council(s) such as AICTE, BCI, DEC, DCI, INC, MCI, NCTE, PCI, etc. have been taken to :</p> <p>a. Start new courses b. To increase intake</p> <p>If yes please enclose copy of approval and give course-wise details in the following format:-</p> <table border="1"> <thead> <tr> <th>Name of the course</th> <th>Statutory council</th> <th>Whether approval taken</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	Name of the course	Statutory council	Whether approval taken				<p>The University has taken necessary approval.</p> <p>1. In exercise of the powers conferred by the Sub-section 2 of Section 26 of the Gujarat Private Universities (Amendment) Act, 2012, (Gujarat Act No.12of 2012), the Governing Body of Rai University, Gujarat, adopted its first statute, <i>which allow us to offer and run courses in the State of Gujarat for which our Academic Council and Board of Management have given approval.</i> So process of approval to start new courses and to increase the intake is:</p> <p>a. Academic Council proposes the same. b. Board of Management approves it.</p> <p>2. Professional Courses are approved by Fee Regulatory Committee (Technical) {FRC} vide their Letter No – FRC/Adhoc-FEE/13-14/15, Dated 5th March 2014.</p> <p>3. Admissions in Professional Courses are through Admission Council for Professional Courses (ACPC) and Admission Council for Professional Diploma Courses (ACPDC), Constituents Committee of Dept of Technical & Higher Education, Govt of Gujarat.</p>																					
Name of the course	Statutory council	Whether approval taken																											

		<p>Details are also provided in Appendix X</p> <p><i>Copy of Letter of fee Approval from “Fee Regulatory Committee, Govt of Gujarat” enclosed herewith as Annexure No_5.</i></p> <p><i>Copy of “ACPC Infobook/Brochure” having name of Rai University enclosed herewith as Annexure No_6.</i></p> <p><i>Copy of “ACPC Infobook/Brochure” having name of Rai University enclosed herewith as Annexure No_7.</i></p>						
3.4	<p>If the University is running courses under distance mode, please provide details about the students enrolled in the following format:-</p> <table border="1"> <thead> <tr> <th>Name of the Study Centre</th> <th>Courses offered</th> <th>No. of students enrolled</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Name of the Study Centre	Courses offered	No. of students enrolled				<p>No, the Rai University is not offering any Distance Education programs</p>
Name of the Study Centre	Courses offered	No. of students enrolled						
3.5	<p>Temporal plan of academic work in the University</p> <p>Semester system/Annual system</p>	<p>The University has introduced Semester system in all the programs.</p>						
3.6	<p>Whether the University is running any course which is not specified under Section 22 of the UGC Act, 1956? If Yes, Please give details in the following format:-</p> <ol style="list-style-type: none"> Name of the course(s) Since when started Whether the University has applied for permission from UGC? 	<p>Not Applicable</p> <p>(Appendix-XI)</p>						

4. Student Enrolment and Student support

4.1	Number of students enrolled in the University for the current academic year according to regions and countries
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Particulars Main Campus Only		No. of students from the same State where the University is located	No. of students from other States	No. of NRI students	No. of overseas students excluding NRIs		Grand Total
		Batch2013-14			Foreign Students	Person of Indian Origin	
UG	M	566	5	Nil	9	Nil	580
	F	169	3	Nil	Nil	Nil	172
	T	735	8	Nil	9	Nil	752
PG	M	41	7	Nil	Nil	Nil	48
	F	5	0	Nil	Nil	Nil	5
	T	46	7	Nil	Nil	Nil	53
M.Phil	M	Nil	Nil	Nil	Nil	Nil	Nil
	F	Nil	Nil	Nil	Nil	Nil	Nil
	T	Nil	Nil	Nil	Nil	Nil	Nil
Ph.D.	M	Jul 2013 - 75 Jan 2014 - 76	Nil	Nil	Nil	Nil	151
	F	Jul 2013 - 47 Jan 2014 - 27	Nil	Nil	Nil	Nil	74
	T	Jul 2013 -122 Jan 2014 - 103	Nil	Nil	Nil	Nil	225
Diploma	M	338	1	Nil	Nil	Nil	339
	F	14	Nil	Nil	Nil	Nil	14
	T	352	1	Nil	Nil	Nil	353
PG Diploma	M	Nil	Nil	Nil	Nil	Nil	Nil
	F	Nil	Nil	Nil	Nil	Nil	Nil
	T	Nil	Nil	Nil	Nil	Nil	Nil
Certificate	M	Nil	Nil	Nil	Nil	Nil	Nil
	F	Nil	Nil	Nil	Nil	Nil	Nil
	T	Nil	Nil	Nil	Nil	Nil	Nil
Any Other (Pl. Specify)	M	Nil	Nil	Nil	Nil	Nil	Nil
	F	Nil	Nil	Nil	Nil	Nil	Nil
	T	Nil	Nil	Nil	Nil	Nil	Nil

M-Male, F-Female, T-Total

4.2	Category-wise No. of Students	The admitted students in Category wise is as follows (current batch)					
		Category	Female	Male	Total		
		SC	14	27	41		
		ST	4	19	23		
		OBC	62	185	247		
		PH	6	24	30		
		General	218	707	924		
	Total	303	962	1266			
4.3	Details of the two batches of students admitted						
Particulars		Batch 1			Batch 2		
		Year of Entry - 2012			Year of Entry - 2013		
		UG	PG	Total	UG	PG	TOTAL
No. admitted to the programme		123	14	137	1105	53	1158
No. of Drop-outs		0	0	0	0	0	0
(a) Within four months of Joining							
(b) Afterwards		3	0	3	19	1	25
No. appeared for the final year Examination		120	14	134	1086	46	1132
No. passed in the final exam		117	14	131	610	40	650
		NA	NA	NA	NA	NA	NA
No. passed in first class Distinction		123	14	137	1105	53	1158
4.4	Does the University provide bridge/remedial courses to the educationally disadvantaged students? If yes, please give details.	<p>Yes, in some of the cases bridge courses are provided to slow and disadvantaged learners.</p> <p>A Proficiency Test is conducted and based on the results of the same Bridge Courses are conducted for the weak students. Extra classes and chamber consultation hours are planned for these students.</p> <p>The University operates DreamZ Scholarship Programme which is a socio-educational initiative. This scheme is for girls from underprivileged background from within the country.</p> <p>This scholarship scheme includes 100% free tuition plus need based support for boarding and lodging, study books and materials for practical purposes, transportation and mediclaim.</p>					

		<p>The University follow a mediated process of skills training, counseling and overall personality and psycho-social development.</p>
4.5	<p>Does the University provide any financial help to the students from socially disadvantageous group? If yes, please give details.</p>	<p>Yes, the provision for scholarships is an important aspect of the overall strategy of Rai University to attract and retain talented students to provide increased access and widen opportunities based on equality. Rai University is among few Universities in the country that has offered such a large number of scholarships. Unprivileged Girls Students receive 100% scholarship for recognized merit. More unique are the awards of partial to full fee waivers through a merit-cum-need based RU test and interview.</p> <p>It is a fundamental belief at Rai University that those who have an uncommon potential to contribute positively to society and those who have a positive dedication, a keenness and a commitment toward pursuing higher education shall not be denied an opportunity to acquire quality education irrespective of their ability to pay.</p> <p>The University is also running DreamZ Scholarship Program in which it provides free education to girl students from underprivileged background from within the country and abroad.</p> <p>Overall fees charges by the University is economical compared to fees charged by other Universities in Urban area. For our regular students also, we remain a most affordable university as we have subsidized fees in order to make quality education accessible to youth from smaller cities.</p> <p>Nominate - a - Scholar is the privilege given to Dept of Education, Govt of Gujarat and Principals of all schools to identify gifted students in any field who may not have the means to pursue their goals. Principals may recommend them for scholarships of up to 100% tuition fee waiver in any of the courses of Rai University, using his/her discretion for the nominations and the respective amounts of scholarship.</p>

4.6	In case the University in running M.Phil/Ph.D. programme, whether it is full time or part time and whether these programmes are run as per UGC Regulations, 2009 on M.Phil/Ph.D	Courses are running as per UGC Norms								
4.7	Whether the University have a website? If yes please give website address and whether the website is regularly updated?	Yes, Website: http://raiuniversity.edu The website is updated regularly.								
4.8	How are the prospective students informed about the criteria for admission, rules & regulations, facilities available, etc?	The University provides updated information like details of admission, rules and regulations, facilities and other relevant information on its website and on its print materials like admission brochures, hoardings, newspapers, etc In addition, admission helpline numbers helps students in clarifying their queries. Related Information is provided using latest & Online Methods viz e-Mailers and SMS and other methods.								
4.9	<p>Whether any grievance redressal mechanism is available in the University? If Yes, Please provide details about the complaints received against malpractices, etc in the University in the following format:-</p> <table border="1"> <thead> <tr> <th>Name of the complainant</th> <th>Complaint against</th> <th>Date of Complaint</th> <th>Action taken by the University</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Name of the complainant	Complaint against	Date of Complaint	Action taken by the University					<p>Yes, the University has a grievance redressal Cell managed by a Committee consisting of senior faculty members of the University.</p> <p>So far, no complaints have been received. (Appendix – XII)</p>
Name of the complainant	Complaint against	Date of Complaint	Action taken by the University							

5. Curriculum, Teaching Learning Process/Method, Examination/Evaluation System

5.1	<p>Which University body finalized the curriculum? The composition of the body may be given. (Board of Studies, Academic Council, Board of Management)</p>	<p>The Board of Management of the University approves the curriculum of various programs of the University on the recommendations of the Academic Council.</p> <p>Copy of “Composition of the statutory bodies - BOG, BOM and AC” enclosed as Annexure No_8</p>
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5.2	<p>What are the Rules/ regulations/ procedure for revision of the curriculum and when was the curriculum last updated?</p>	<p>The Academic Team prepares curriculum and submit it before the Academic Council with a request to approve. After getting consent from Academic Council, it is forwarded to the Board of Management for its final approval and decision.</p> <p>Academic Monitoring System</p> <p>Each faculty member works on the academic systems developed for delivery and monitoring academic quality. The systems followed by faculty members are:</p> <p>Course Planner: A tool developed by faculty, to plan, the entire course of the subject to be delivered in the lessons for effective and efficient delivery of course content.</p> <p>Lesson Plan: A detailed Plan of each and every class/ session/ lecture, for the delivery of the various concepts of subjects. This lays down in detail the sequence in which the subject will be dealt with and different teaching methodology adopted to deliver the concepts.</p> <p>Session compliance Report: Detailed MIS to keep a check on the academic delivery, where, every faculty, after the delivery in the class, updates the content delivered, tools used for delivery (For example- Case study, Role play, media clip etc.) and the status of class evaluation and feedback of the students on the content understanding and clarity.</p>
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		<p>Industry Interface requirements, operational workouts, guest lectures, workshops and seminars are the other major tools to maintain & evaluate academic deliveries.</p> <p>Continuous class evaluation and the examination patterns follow the stringent process to ensure quality education in the university.</p> <p>In order to further facilitate the learning process, each student are issued with a Course Pack at the beginning of the semester. The lessons in the Course Pack are arranged in the same order as the lesson plan. Each lesson contains the summary of the subject matter with practical examples/case studies/numerical examples, etc. These are written in conversational language. Attempts have been made to provide adequate details/ explanation of the subject matter.</p> <p>The revision of the curriculum will be considered periodically to up-keep with the changing trends.</p>
5.3	<p>Whether approval of statutory bodies such as Board of Studies, Academic Council and Board of Management of the University has been taken to start various courses? If yes, please enclose extracts of the minutes</p>	<p>Academic Council and subsequently Board of Management have given their approval to start various courses as mentioned in point no. 3.2</p>
5.4	<p>Furnish details of the following aspects of curriculum design: Innovation such as modular curricula Inter/multidisciplinary approach</p>	<p>Our Curriculum dept has designed Modular Syllabus and Scheme of Studies and Scheme of Examinations to equip students with both a breadth and depth knowledge.</p> <p>Rai University will further introduce new courses from time to time.</p> <p>The detailed “Semester-wise Syllabus” enclosed as Annexure No__ 9.</p> <p>The detailed “Scheme of Studies” enclosed as Annexure No__ 10</p>

5.5	Has the University conducted an academic audit? If yes, please give details regarding frequency and its usage.	The internal Academic Depts including members of Academic Council conducts academic audit to ensure that the courses should enhance knowledge and skills in addition to in-depth expertise of students.
5.6	Apart from classroom instruction, what are the other avenues of learning provided for the students? (Example: Projects, Internships, Field trainings, Seminars, etc.)	<p>The university emphasizes on both class room and practical training.</p> <p>Students are encourages to participate in seminars, group discussions, workshops, Industrial visit and other educational tours.</p> <p>Practical training and industrial visit is an integral part of the degree programme at University. It is expected that every student will register himself/herself for the foregoing practical training.</p> <p>The University normally emphasis to organize summer projects/training for most of the students' at the end of 8th semester incase of Engineering Undergraduate students and 2nd semester, incase of Postgraduate Management students. The University authorities also emphasis to organize Industry visits. Each student to be deputed on practical training has to prepare a project report and present it before faculty for its evaluation.</p>
5.7	Please provide details of the examination system (Whether examination based or practical based)	<p>The University follows combination of theoretical and practical based examination system.</p> <p>Exams are conducted semester wise and evaluation of students are based on their theoretical and practical knowledge.</p> <p>The detailed "Examination System" is enclosed as Annexure No_11</p>

5.8	What methods of evaluation of answer scripts does the University follow? Whether external experts are invited for evaluation?	We have Internal Evaluation System. Yes, the University has the provision to invite External Experts for evaluation of answer scripts as and when necessary.
5.9	Mention the number of malpractice cases reported during the last 3 years and how they are dealt with.	No case of malpractice has been reported by the University. The details of “ Code of Conduct during Examination for Malpractices ” enclosed as Annexure No_12
5.10	Does the University have a continuous internal evaluation System	Yes, The details of “ Continuous Internal Evaluation ” enclosed as Annexure No_13
5.11	How are the question papers set to ensure the achievement of the course objectives?	To check the knowledge of students Objective –cum - Descriptive Question Paper are set.
5.12	State the policy of the University for the constitution of board of question paper setters, board of examiners and invigilators	The Academic Council has constituted teams for following Dept for preparing question papers, examiners and invigilators. <ul style="list-style-type: none"> • Dept of Engineering <ul style="list-style-type: none"> ▪ Information Technology ▪ Computer Science ▪ Electronics and Communication ▪ Electrical ▪ Mechanical ▪ Civil ▪ Automobile • Dept of Management • Dept of Applied Sciences • Dept of Diploma (Engineering) • Dept of Life Sciences <p style="text-align: right;">(As per Applicability)</p>

5.13	<p>How regular and time-bound are conduct of examinations and announcement of results? Substantiate with details of dates of examinations and announcement of results for the last 3 years. Details to be provided in the following format:-</p> <table border="1"> <thead> <tr> <th>Year</th> <th>Date of exams</th> <th>Date of announcement of results</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Year	Date of exams	Date of announcement of results				<table border="1"> <thead> <tr> <th>Year</th> <th>Date of exams</th> <th>Date of announcement of results</th> </tr> </thead> <tbody> <tr> <td>2012, Mid Term Exam</td> <td>5/11/2012 – 9/11/2012</td> <td>18/12/2012</td> </tr> <tr> <td>2012, End Sem Exam</td> <td>3/01/2013 – 9/01/2013</td> <td>18/02/2013</td> </tr> <tr> <td>2013, Mid Term Exam</td> <td>24/09/2013 – 27/09/2013</td> <td>11/11/2013</td> </tr> <tr> <td>2013, End Sem Exam</td> <td>10/12/2013 – 24/12/2013</td> <td>11/01/2014</td> </tr> <tr> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Year	Date of exams	Date of announcement of results	2012, Mid Term Exam	5/11/2012 – 9/11/2012	18/12/2012	2012, End Sem Exam	3/01/2013 – 9/01/2013	18/02/2013	2013, Mid Term Exam	24/09/2013 – 27/09/2013	11/11/2013	2013, End Sem Exam	10/12/2013 – 24/12/2013	11/01/2014			
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D. Admission Process

6.1	<p>How are students selected for admission to various courses? Please provide faculty-wise information</p> <ol style="list-style-type: none"> Through special entrance tests Through interviews Through Their academic record Through combination of the above <p>Please also provide details about the weightage give to the above</p>	<p>Students are admitted through combination of their Academic Records, Scholarship Test and Personal Interview.</p> <p>We use a system having combination of all the mentioned points.</p>																				
6.2	<p>Whether the University is admitting students from national level entrance test or state level entrance test? If yes, please provide following details :-</p> <table border="1"> <thead> <tr> <th>Name of the National/state level entrance exam</th> <th>No of students admitted</th> <th>% of students from the total admitted</th> <th>Remarks</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Name of the National/state level entrance exam	No of students admitted	% of students from the total admitted	Remarks					<p>The university admits students through combination of their academic records, Scholarship Test and personal interview.</p> <table border="1"> <thead> <tr> <th>Name of the National/state level entrance exam</th> <th>No of students admitted</th> <th>% of students from the total admitted</th> <th>Remarks</th> </tr> </thead> <tbody> <tr> <td>JEE</td> <td>442</td> <td>75</td> <td>NA</td> </tr> <tr> <td>MAT</td> <td>30</td> <td>75</td> <td>NA</td> </tr> </tbody> </table>	Name of the National/state level entrance exam	No of students admitted	% of students from the total admitted	Remarks	JEE	442	75	NA	MAT	30	75	NA
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MAT	30	75	NA																			

6.3	Whether admission procedure is available on the University website and in the prospectus	<p>Yes, admission procedure is available on the website of University.</p> <p>Website: www.raioniversity.edu</p>																								
6.4	Please provide details of the eligibility criteria for admission in all the courses	<table border="1"> <tr> <td>1. For BTech Courses - 10+2 Pass with Physics, Chemistry & Maths from a recognised board or equivalent, Appeared in JEE Entrance test.</td> </tr> <tr> <td>2. For BBA Courses - 10+2 Pass in any stream from a recognised board or equivalent</td> </tr> <tr> <td>3. For Engineering Diploma Courses - 10 Pass from a recognised board or equivalent</td> </tr> <tr> <td>4. For MBA Courses - Graduation in any stream from a recognised board or equivalent, Appeared in MAT Entrance test</td> </tr> <tr> <td>5. For B.Sc. Courses - 10+2 Pass with Physics, Chemistry & Biology from a recognised board or equivalent</td> </tr> <tr> <td>6. For PhD Courses – Post Graduation in the same field in which wants to pursue PhD course a. Candidate should appear in RU PhD Entrance Test, conducted by RUG b. After clearing Entrance test should appear in Personal and Subject Interview conducted by RUG</td> </tr> </table>	1. For BTech Courses - 10+2 Pass with Physics, Chemistry & Maths from a recognised board or equivalent, Appeared in JEE Entrance test.	2. For BBA Courses - 10+2 Pass in any stream from a recognised board or equivalent	3. For Engineering Diploma Courses - 10 Pass from a recognised board or equivalent	4. For MBA Courses - Graduation in any stream from a recognised board or equivalent, Appeared in MAT Entrance test	5. For B.Sc. Courses - 10+2 Pass with Physics, Chemistry & Biology from a recognised board or equivalent	6. For PhD Courses – Post Graduation in the same field in which wants to pursue PhD course a. Candidate should appear in RU PhD Entrance Test, conducted by RUG b. After clearing Entrance test should appear in Personal and Subject Interview conducted by RUG																		
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6.5	<p>Whether University is providing any reservation/relaxation in admission? If yes, please provide details in the following format-</p> <table border="1"> <thead> <tr> <th>Category</th> <th>No of students admitted</th> <th>% of quota provided for reservation and preparation in respect of actual enrolment</th> <th>Remarks</th> </tr> </thead> <tbody> <tr> <td>Underprivileged Girls</td> <td>Batch – 2012 – 116 Batch 2013 - 86</td> <td>Apx 10%</td> <td>NA</td> </tr> <tr> <td colspan="4">Total – 202 Girls</td> </tr> </tbody> </table>	Category	No of students admitted	% of quota provided for reservation and preparation in respect of actual enrolment	Remarks	Underprivileged Girls	Batch – 2012 – 116 Batch 2013 - 86	Apx 10%	NA	Total – 202 Girls				<p>Under University's DreamZ Scholarship Scheme Programme girls from underprivileged background from within the country gets 100% free tuition plus need based support for boarding and lodging, study books and materials for practical purposes, transportation and mediclaim facilities.</p> <table border="1"> <thead> <tr> <th>Category</th> <th>No of students admitted</th> <th>% ..</th> <th>Remarks</th> </tr> </thead> <tbody> <tr> <td>Underprivileged Girls</td> <td>Batch – 2012 – 116 Batch 2013 - 86</td> <td>Apx 10%</td> <td>NA</td> </tr> <tr> <td colspan="4">Total – 202 Girls</td> </tr> </tbody> </table> <p>Refer Annexure -16</p>	Category	No of students admitted	% ..	Remarks	Underprivileged Girls	Batch – 2012 – 116 Batch 2013 - 86	Apx 10%	NA	Total – 202 Girls			
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6.6	<p>Whether any management quota is available for admission in the University? If yes, please provide details in the following format:-</p> <table border="1"> <thead> <tr> <th>Total No of Seats (Course wise)</th> <th>No of total students admitted</th> <th>No of students admitted under Management quota</th> <th>% of students admitted under management quota</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Total No of Seats (Course wise)	No of total students admitted	No of students admitted under Management quota	% of students admitted under management quota					<p>As per norms of Dept of Technical and Higher Education, Govt of Gujarat and their constituted committees ACPC and ACPDC, we are eligible to have 25% Management Quota.</p> <p>Fee Structure of General Quota and Management Quota are same, there is no difference in the fee amount. Same and common Fee Structure for all category students.</p> <table border="1"> <thead> <tr> <th>TOTAL No. of Seats (Course wise)</th> <th>No. Of Students Admitted</th> <th>No. Of Students Admitted under Mgt Quota</th> <th>% of Students Admitted under Mgt Quota</th> </tr> </thead> <tbody> <tr> <td>BBA</td> <td>30</td> <td>30</td> <td>100</td> </tr> <tr> <td>MBA</td> <td>40</td> <td>10</td> <td>25</td> </tr> <tr> <td>BTECH</td> <td>590</td> <td>147</td> <td>25</td> </tr> <tr> <td>BSC</td> <td>30</td> <td>30</td> <td>100</td> </tr> <tr> <td>DIPLOMA</td> <td>310</td> <td>77</td> <td>25</td> </tr> </tbody> </table>	TOTAL No. of Seats (Course wise)	No. Of Students Admitted	No. Of Students Admitted under Mgt Quota	% of Students Admitted under Mgt Quota	BBA	30	30	100	MBA	40	10	25	BTECH	590	147	25	BSC	30	30	100	DIPLOMA	310	77	25
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6.7	<p>What is the admission policy of the University with regard to NRI and overseas students?</p>	<p>No specific admission policy for NRI/Overseas students.</p>																																

E. Fee Structure

7.1	<p>Present Course-wise fee structure of the University (Please provide Head-wise details of total fee charged)</p>	<p>Details of “Course wise Fee Structure” enclosed as Annexure No __14.</p>
7.2	<p>Any other fee Charged by the University other than the fee displayed in the UGC website (e.g. Building Fee, Development Fee, Fee by any name, etc.)</p>	<p>No</p>
7.3	<p>Whether fee structure is available on the University website and in the prospectus?</p>	<p>Yes</p>
7.4	<p>Whether fee is charged by the University as per fee structure displayed in the University website and in the prospects or some hidden charges are there?</p>	<p>Yes, fee is charged by the University as per fee structure is displayed in the University website.</p> <p>No hidden charges are applicable.</p>

7.5	Mode of Fee collection	Demand Draft/Cash/Cheque								
7.6	Whether University is providing any concession in fee to students? If yes, please provide details.	<p>Under Rai University's DreamZ Scholarship Scheme Programme girls from underprivileged background from within the country gets 100% free tuition plus need based support for boarding and lodging, study books and materials for practical purposes, transportation and mediclaim facilities.</p> <table border="1"> <thead> <tr> <th>Category</th> <th>No of students admitted</th> <th>% ..</th> <th>Remarks</th> </tr> </thead> <tbody> <tr> <td>Underprivileged Girls</td> <td>Batch – 2012 – 116 Batch 2013 - 86</td> <td>Apx 10%</td> <td>NA</td> </tr> </tbody> </table> <p>Total – 202 Girls</p> <p>Refer Annexure_16</p>	Category	No of students admitted	% ..	Remarks	Underprivileged Girls	Batch – 2012 – 116 Batch 2013 - 86	Apx 10%	NA
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Underprivileged Girls	Batch – 2012 – 116 Batch 2013 - 86	Apx 10%	NA							
7.7	Details of the Hostel Fee including mess charges	<p>Yes, Mess Charges are included in Hostel Fees.</p> <p>Details of “Hostel Fee” enclosed as Annexure_15.</p>								
7.8	Any other fee	Not applicable								
7.9	Basis of Fee Structure	<p>For Professional Courses, Fee of these programmes is approved by Fee Regulation Committee (Technical), (Constituted Under Section 9(1) of the Gujarat Professional Technical Educational Colleges or Institutions (Regulation of Admission and Fixation of Fees) Act, 2007)).</p> <p>For Other Professional Courses, Fee is fixed as per the recommendations of Academic Council (AC), which is further approved by the Board of Management (BOM).</p> <p>Refer Annexure-5 for Letter from FRC regarding Fee Approval of Professional Courses.</p>								
7.10	Whether the University has received any complaint with regard to fee charged or fee structure? If yes please give details about the action taken.	No complaints received								
7.11	Whether University is providing any scholarship to students? If yes, please provide details.	Yes, the provision for scholarships is an important aspect of the overall strategy of Rai University to attract and retain talented students to provide increased access and widen opportunities based on equality. Rai								

	<p>University is perhaps the only University in the country and among the few worldwide that has offered such a large number of scholarships. Students receive 100% scholarship* for recognized merit and need. More unique are the awards of partial to full fee waivers through a merit-cum-need based RU test and interview.</p> <p>It is a fundamental belief at Rai University that those who have an uncommon potential to contribute positively to society and those who have a positive dedication, a keenness and a commitment toward pursuing higher education shall not be denied an opportunity to acquire quality education irrespective of their ability to pay.</p> <p>The University is also running Dreamz Scholarship Program in which it provides free education to girl students from underprivileged background from within the country and abroad.</p> <p>DreamZ Scholarships</p> <p>Rai University's mission is to provide practical, skill based & job oriented education to our youth. Our focus is to provide Excellence with Equity & Access to all along with world class exposure to global education.</p> <p>Our DreamZ Scholarship scheme for the underprivileged girls is one of the pioneering socio-educational initiatives undertaken by Rai Foundation in association with Rai University, Ahmedabad-Gujarat. The environment at our University is truly global as we attract students from the best Universities abroad for exchange and interaction.</p> <p>We provide full waiver on tuition fee to underprivileged girl students from disadvantaged socio-economic</p>
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	<p>backgrounds from deep interiors of India and abroad. Under this scholarship scheme the nominated girls can opt for any courses offered by Rai University - Ahmedabad. In addition, we also conduct special classes for them in the subjects of English, Communication and Creative Life Skills.</p> <p>Through this scholarship scheme, Rai University has educated over 200 girls across India and from countries including Bhutan , Bangladesh, Nepal. With the active support of a large number of Governments, NGOs, Embassies, Schools, Corporate Groups and Individuals, this initiative is uplifting many underprivileged girls globally through quality education and thereby economic empowerment</p> <p>Nominate - a - Scholar is the privilege given to Minister for Education/ Dept of Education, Govt of Gujarat and Principals of all schools to identify gifted students in any field who may not have the means to pursue their goals. Principals may recommend them for scholarships of up to 100% tuition fee waiver in any of the courses of Rai University, using his/her discretion for the nominations and the respective amounts of scholarship.</p> <p style="text-align: right;">Details of “Dreamz Scholarship” enclosed as Annexure __16.</p>
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F. Faculty

8.1	Total no of Sanctioned and filled up posts (Institution-wise and Department-wise)							
		Dept	Professor		Associate Professor		Assistant Professor/Lecturer	
			Sanctioned	Filled	Sanctioned	Filled	Sanctioned	Filled

	Dept	Professor		Associate Professor		Assistant Professor/Lecturer	
		Sanctioned	Filled	Sanctioned	Filled	Sanctioned	Filled
	Dept of Engineering	1	0	1	0	35	34
	Dept of Management	1	0	1	0	15	14
	Dept of Life Sciences	1	1	1	0	7	7
	Dept of ECLS	0	0	1	0	5	6
	Lab Assistants	NA	NA	NA	NA	12	12
	Ph.D	110	106	NA	NA	NA	NA
8.2	Details of teaching staff in the following format (Please provided details-Institution-wise and Department-wise)						

Dept	Name of the Teacher	Designation	Age	Educational Qualifications (Whether qualified as per UGC Regulations)	Teaching experience in years	Date of appointment	Whether fulltime or part time	Regular or adhoc	Scale of Pay	No. of Publications
Details are enclosed as Appendix - XIII										

8.3	Category-wise No. of Teaching Staff	Category	Female	Male	Total
		SC	0	0	0
ST	0	0	0		
OBC	2	6	8		
PH	0	0	0		
General	18	34	29		
Total	20	40	60		

8.4 Details of the permanent and temporary faculty members in the following format			
Particulars	Female	Male	Total
Total no. of permanent teachers	20	40	60
No. of teachers with Ph.D. as the highest qualification	00	02	02

No. of teachers with M.Phil as the highest qualification		00	00	00
No. of teachers with PG as the highest qualification		18	21	39
Total no. of temporary teachers		00	00	00
No of teachers with Ph.D as the highest qualification		00	00	00
No of teachers with M.Phil as the highest qualification		00	00	00
No. of teachers with PG as the highest qualification		00	00	00
Total no. of part-time teachers		NA	NA	NA
No. of teachers with Ph.D as the highest qualification		NA	NA	NA
No. of teachers with M.Phil as the highest qualification		NA	NA	NA
No. of teachers with PG as the highest qualification		NA	NA	NA
Total No. of visiting teachers		2	2	4
8.5	Ratio of full-time teachers to part-time/contract teachers	NA All faculties are full time		
8.6	Process of recruitment of faculty -Whether advertised? (pl. attach copy of the ad) -Whether selection committee was constituted as per the UGC Regulation?	University adopts following procedure for advertising vacancies: Newspapers Naukr.com Faculties are appointed on their: <ul style="list-style-type: none"> • Academic Records • Work Experience • Interview 		
8.7	Does the University follow self-appraisal method to evaluate teachers on teaching, research and work satisfaction? If yes, how is the self-appraisal of teachers analysed and used? Whether:- Self Appraisal Evaluation Peer review Students evaluation Others (specify)	The University adopts following methods to conduct appraisal of teaching staff: self appraisal evaluation peer review and students evaluation The University follows the process in which Faculties are asked to deliver a lecture to the students to be attended by other teaching staff of all other depts. At the end of lecture, a critical opinion is taken from students and teaching staff. The evaluation of the opinions is conducted to reach at balanced decision.		
8.8	Institution-wise and Department-wise teacher student ratio(only full time faculty)	Details of “ Department wise Teacher-Student Ratio ”, enclosed as Annexure No_17 .		

8.9	Whether the University is providing UGC Pay Scales to the Permanent Faculty? If yes, please provide the following details:-	We follow CTC basis, which is comparable to UGC pay scale.
	Scale of Pay with all the allowances Professor – Associate Prof – Assistant Prof- Mode of Payment – (Cash/Cheque)	Cheque or Direct Bank Salary Account Credit
8.10	Pay/Remuneration provided to :- Part-Time Faculty- Temporary Faculty- Guest Faculty –	Yes, As per requirement, if any.
8.11	Facilities for teaching staff (Please provide details about Residence, Rooms, Cubicals, Computers/Any other)	Details about “ Facilities to Teaching Staff ” enclosed as Annexure No. 18.

G. Infrastructure

9.1	Does the University have sufficient space for Land & Building ?	<p>Total Area of Land available with the University is : 23.74 Acres or 96,072.371 Sq.Mtr.</p> <p><u>Total Built Up Area – 1,77,599 Sq Ft</u></p> <p>1. Academic & Administrative:</p> <ul style="list-style-type: none"> a. A1 Block – 33,007.5 Sq Ft b. A2 Block – 33,007.5 Sq Ft c. A3 Block – 24,045 Sq Ft d. Work Shops Area – 14,321.56 Sq Ft e. Auditorium – 10,286.56 Sq Ft <p>2. Residential:</p> <ul style="list-style-type: none"> a. B1 Block – 9,201 Sq Ft b. B2 Block – 9,201 Sq Ft c. B3 Block – 11,493 Sq Ft d. C Block – 23,805 Sq Ft e. Cafeteria – 9,231 Sq Ft <p>Open Ground - Approx 12 Acres or 5,33,400 Sq Ft.</p> <p>Details of “Site Lay Out and Building Plans” enclosed as Annexure 19.</p>
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9.2	Does the University have sufficient class rooms?	<p>Yes, the University has overall 1,77,599 Sq Ft of academic, administrative and residential area.</p> <p>University has well equipped 54 class rooms and has enviable access to state- of-the-art teaching aids. LCD projection systems, OHPs, public address systems and video cameras, all enhance the capabilities of the instruction-delivery process.</p> <p>Details of “Site Lay Out and Building Plans” enclosed as Annexure 20.</p>
9.3	Laboratories & Equipment	Yes. The university has well equipped laboratories in 32,029.21 Sq.Ft of area.
a)	Item Description (make and model)	Total Number of Labs are
b)	Location (Department)	Refer Details of “ Laboratory Room Numbers and Size ” enclosed as Annexure 21 .
c)	Value (Rs)	Refer Appendix XV for Laboratory Equipment Details.
d)	Present Condition	
e)	Date of Purchase	
9.4	Library	
a)	Total Space (all Kinds)	<p>University Library has 5,934 Sq.Ft of carpet area.</p> <p>Refer Details of “Library Area - Numbers and Size” enclosed as Annexure 21.</p>
b)	Computer/Communication facilities	<p>Yes, The University has 3 Computer Labs at 3,581.2 Sq Ft of carpet area.</p> <p>The university is having computer laboratories equipped with Internet access and latest software constitute as integral part of our campus. A network of advanced machines adequately matched and supported by a host of printers, scanners, modems and other peripherals are available. A large amount of</p>

		space is dedicated for students to learn independently in a stimulating atmosphere. Refer Details of “ Computer Labs - Room Numbers and Size ” enclosed as Annexure 21.
c)	Total no. of Ref. Books (Each Department)	The details of Books and Journals purchased in last three are enclosed in Refer Appendix XIV for Library Details.
d)	All Research Journals subscribed on a regular basis	Yes
9.5	Sports Facilities	
a)	Open Play Ground(s) for outdoor sports (Athletics, Football, Hockey, Cricket, etc.)	Yes, An open ground admeasuring 45,100 sq.ft for football and athletics.
b)	Track for Athletics	Yes, An open ground admeasuring 45,100 sq.ft for football and athletics.
c)	Basketball courts	Yes, Carpet area admeasuring 5000 sq.ft for Basket ball court.
d)	Squash/Tennis Courts	Yes, Carpet area admeasuring 3000 sq.ft for Tennis Court.
e)	Swimming Pool (Size)	NA
f)	Indoor Sports Facilities including Gymnasium	Yes, we have facilities for indoor games like table tennis, Chess, carom, etc.
g)	Any other	Details of “ Facilities to Students: are enclosed as Annexure – 22. Details of “ Sports Facilities ” are enclosed as Annexure – 23. Details provided in Appendix XVI.
9.6	Does the University has provision for Residential Accommodation including hostels (boys & girls separately)	Yes, University has separate hostel facilities for Boys, Girls and separate Faculty Residence area admeasuring 62,931 Sq Ft.

	<p>Residential:</p> <p>Boys Hostel - B1 Block – 9,201 Sq Ft</p> <p>Boys Hostel - B2 Block – 9,201 Sq Ft</p> <p>Girls Hostel – B3 Block – 11,493 Sq Ft</p> <p>Girls Hostel - C Block – 23,805 Sq Ft</p> <p>Cafeteria – 9,231 Sq Ft</p> <p>Details of “Site Lay Out and Building Plans – C Block” enclosed as Annexure 19.</p>
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H. Financial Viability

10.1	<p>Details of the Corpus Fund created by the University</p> <p>Amount – FDR No. Date – Period- (Documentary evidence to be given)</p>	<p>Corpus Donations - 34,57,136/-</p> <p>Endowment Fund - 5,00,00,000/-</p> <hr/> <p>Rs.5,34,57,136/-</p> <hr/> <p>(as on) 31.03.2013</p>	<p>Donations Received during the year 2012-13 from Other Charitable trusts, in the form of assets other than cash.</p> <p>Endowment Fund (by Rai Foundation, Sponsoring Body) has been created with Gujarat State Financial Services (GSFS) vide Receipt No – 14508Y, dated 28 Feb 2012.</p> <p>Refer Copy of FDR of “Endowment Fund” enclosed as Annexure __24</p>
10.2	<p>Financial position of the University (please provide audited income and expenditure statement for the last 3 years)</p>	<p>For the Year 2012-13</p> <p>Income – Rs 28,81,314/-</p> <p>Expenditure – Rs 3,23,24,588/-</p> <p>The “Audited Balance Sheet” for the year 2012-13 of Rai University is enclosed as Annexure No __ 25</p> <p>For the Year 2013-14</p> <p>Income – Rs 9,39,54,504 /-</p> <p>Expenditure – Rs 9,54,53,295 /-</p> <p>The “Provisional Balance Sheet” for the year 2013-14 of Rai University is enclosed as Annexure No __ 26</p>	

10.3	Source of finance and quantum of funds available for running the University (for last audited year)	<u>2012-13</u>	<u>2013-14</u>
	Fees	Rs.20,32,815/-	Rs.8,84,39,989/-
	Donations	Rs.34,57,815/-	Rs.14,47,486/-
	Loan-		
	Interest-	Rs.4,25,05,400/-	Rs.3,80,97,657/-
	Any other (pl. Specify)	Rs.1,13,865/-	Rs. 13,94,371/-
	Examination Fees		
	Lab Fees received		
	Fine		
	Processing Fees		
	Sale of Prospectus		
	Course Pack Fees		
	Transportation Fees		
	Other Misc Income		
	Re-Appear Fees	Income – Rs.28,81,314/-	Rs.9,39,54,504/-
	Cafeteria & Other Receipts	Expenditure – Rs 3,23,24,588/-	Rs.9,54,53,295/-
	Total		
10.4	What is the University's `unit cost` of education? (Unit cost = total annual expenditure (budget accruals) divided by the number of students enrolled) Unit cost calculated excluding the salary component may also be given	<p>Calculations are done on the basis of Income & Expenditure Account for the period ended 31/03/2014:</p> <p>Unit Cost of Education = $\frac{\text{Total Expenditure}}{\text{Total No. of Students}}$</p> <p style="text-align: right;">= Rs.69,019/-</p> <p>Unit cost including salary component + Depreciation also.</p>	

I. Governance System

11. Organization, Governance and Management

11.1	<p>Composition of the statutory bodies of the University (please give names, profession & full postal address of the members and date of constitution):-</p> <p>Governing Board</p> <p>Executive Council</p> <p>Board of Management</p> <p>Academic Council</p> <p>Finance Committee</p> <p>Board of Studies</p> <p>Others</p>	<p>List of Board of Management and Academic Council are enclosed in Annexure No_8.</p> <p>or</p> <p>List of Governing Body, Board of Management and Academic Council is enclosed in Appendix - XVII</p>
11.2	Dates of the meetings of the above bodies held during the last 2 years	The dates of meeting shall be provided.

11.3	What percentage of the members of the Boards of Studies, or such other academic committees, are external? Enclose the guidelines for BOS or such other Committees.	The University follows Gujarat Private University Act 2009. This Act has lay down specific conditions for constituting various bodies like Governing Body, Board of Management and Academic Council. The composition of these bodies is done in compliance with the guidelines.
11.4	Are there other Strategies to review academic programmes besides the academic council? If yes, give details about what, when and how often are such reviews made?	At internal level, faculties of the Depts review academic programmes.

J. Research Profile

12.1	<p>Faculty-wise and Department-wise information to be provided in respect of the following:-</p> <ul style="list-style-type: none"> ➤ Student Teacher Ratio ➤ Class Rooms ➤ Teaching labs ➤ Research labs (Major Equipments) ➤ Research Scholars (M.Tech, PH.D. Post Doctoral Scholars) ➤ Publications in last 3 years (Year-wise list) ➤ No. of Books Published ➤ Patents ➤ Transfer of Technology ➤ Inter-departmental Research (Inter-Disciplinary) ➤ Consultancy ➤ Externally funded Research Projects ➤ Educational Programmes Arranged 	<p>The details of guidelines are enclosed in:</p> <ul style="list-style-type: none"> ➤ 2:1, Refer Annexure_17 ➤ Yes, Refer Annexure_20 ➤ Yes, refer Annexure_21 ➤ Yes, refer Annexure_21 ➤ Yes ➤ As per Annexure_27 ➤ NA ➤ NA ➤ NA ➤ Yes ➤ Y ➤ NA ➤ NA ➤ Yes – Course Work and Other required <p><i>Details of "Faculty Publications" enclosed in Annexure No__ 27</i></p>
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K. Misc.

13. Details of Non-Teaching Staff

13.1	Details of Non-Teaching Staff				
Name	Designation	Qualification	Scale of Pay	Date of Appointment	Trained Yes/No If yes, Details

Details are enclosed as **Appendix - XVIII**

The number of Non-Teaching Staff is as follows:

13.2	Summary of the Non-Teaching Staff	The female & male non-teaching staff is as follows:			
		Particulars	Female	Male	Total
		Administrative Staff			
		Group A (Admn)	1	6	7
		Group B (HR+Plc)	1	1	2
		Group C (Mkt)	1	1	2
		Group D (Lower)	7	102	109
		Sub total	10	110	120
		Technical Staff			
		Group A (Lib)	0	2	2
Group B (IT)	0	2	2		
Group C (Accts)	0	5	5		
Group D (Doc)	0	1	1		
Sub total	0	10	10		
Grand Total	10	120	130		
13.3	No. of Non-teaching staff Category wise	The category wise non-teaching staff is as follows:			
		Category	Female	Male	Total
		SC	1		
		ST	1		
		OBC	6		
		BCB			
		BC			
		BCA			
		General	2		
		Total	10	120	130
13.4	Ratio of Non-teaching staff to students	1:10			
13.5	Ratio of Non-teaching staff to faculty	2:1			

14. Academic Results

14.1	Faculty –wise and course-wise academic results of the past 3 years	S.No.	Course	No. of Candidates appeared	Result
		1			
		2			

Faculty/Department/School –wise and Course-Wise Academic Results from Start:

RESULT STATUS							
Faculty Name	Course	Jan-13		May-13		Dec-13	
		Appeared	Result	Appeared	Result	Appeared	Result
Dept of Management	BBA	46	16	46	33	43	41
	BBA Batch-13	NA	NA	NA	NA	81	54
	MBA	14	14	14	14	14	14
	MBA Batch-13	NA	NA	NA	NA	46	40
Dept of Applied Sciences	B.Sc (Micro) - Batch-12	16	10	16	12	16	16
	B.Sc (Micro) Batch- 13	NA	NA	NA	NA	22	20
	B.Sc (BT)	NA	NA	NA	NA	16	13
Dept of Engineering (incl Diploma)	B.Tech (CS & E) Lateral	13	13	13	13	13	13
	B.Tech (IT) Lateral	10	10	10	9	10	10
	B.Tech (EE) Lateral	7	6	12	12	3	3
	B.Tech (EC) Lateral	13	13	8	8	8	8
	B.Tech (EEE) Lateral	NA	NA	NA	NA	9	9
	B.Tech (ME) Lateral	6	3	6	4	6	5
	B.Tech (ME)	12	0	12	7	22	18
	B.Tech (CS & E) Batch-13	NA	NA	NA	NA	73	46
	B.Tech (IT) Batch-13	NA	NA	NA	NA	58	48
	B.Tech (EE) Batch-13	NA	NA	NA	NA	94	51
	B.Tech (EC) Batch-13	NA	NA	NA	NA	28	17
	B.Tech (BT) Batch-13	NA	NA	NA	NA	20	11
	B.Tech (ME) Batch-13	NA	NA	NA	NA	199	132
	B.Tech (Civil)	NA	NA	NA	NA	133	64
	Diploma (CS)	NA	NA	NA	NA	25	7
	Diploma (IT)	NA	NA	NA	NA	8	5
	Diploma (EE)	NA	NA	NA	NA	54	22
Diploma (ME)	NA	NA	NA	NA	161	77	
Diploma (Civil)	NA	NA	NA	NA	60	27	
Diploma (Auto)	NA	NA	NA	NA	44	10	

15. Accreditation

15.1	<p>Whether Accredited by NAAC? If yes please provide the following details :</p> <p>Date of Accreditation Period Grade CGPA Grading System Followed</p>	<p>N/A</p> <p>Application for Accreditation will be submitted, as per eligibility.</p>								
15.2	<p>Whether courses are accredited by NBA? If yes please provide course-wise details as under</p> <table border="1"> <thead> <tr> <th>S.No.</th> <th>Course</th> <th>No of Candidates appeared</th> <th>Result</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	S.No.	Course	No of Candidates appeared	Result					<p>N/A</p> <p>Application for Accreditation will be submitted, as per eligibility.</p>
S.No.	Course	No of Candidates appeared	Result							
15.3	Other Accreditations, if any	<p>N/A</p> <p>Application for Accreditation will be submitted, as per eligibility.</p>								
15.4	<p>Any other information (Including special achievements by the University which may be relevant for the University)</p>	<p>Best Upcoming Private University Award</p> <p>ASSOCHAM one of the oldest APEX CHAMBER has undertaken certain initiatives in the area of reforms in education especially in the country's need to improve the gross enrollment ratio in higher education. Today, India has the largest number of institutions, second largest in terms of enrollment with largest education system in existence. But still country's education system faces challenges on several fronts. The need of the hour is creation of an employable workforce to harness its demographic dividend.</p> <p>ASSOCHAM presents Excellence Awards to those who have contributed significantly in the field of improving the quality in education delivery with emphasis on world-class research and innovations and enhancing the development of quality education.</p>								

		<p>Amongst the various categories Rai University was awarded as Best Private Upcoming University at the ASSOCHAM- National Education Excellence Award Ceremony 2013 held on 9th of April 2013.</p> <p>The award was presented by the <i>Dr. Mangapati Pallam Raju, Hon'ble Union Minister of Human Resource Development, Government of India.</i></p> <p>This award is in recognition to Rai University's commitment to excellence in teaching and in an ever-increasing manner, to research and development. In fact, Rai University promises to fulfill its mandate of nurturing young minds, developing intellectual and professional faculties with a service to the cause of society. It is the mission of Rai University to develop young leaders capable of providing insightful direction to any organization and thereby creating a knowledgeable, loyal and dedicated human resource.</p> <p>In fact, Rai University feels privileged that it has got an opportunity to establish such an excellent institute, which can shape modern Gujarat.</p>
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16. Strength and Weaknesses of the University

16.1	Strengths of the University	<p>Integration</p> <p>The University aims to facilitate and promote studies, research and extension work in emerging areas of higher education with focus on enriched education in the disciplines of engineering, technology, management, journalism and mass communication, etc. and also to achieve excellence in allied fields.</p> <p>Free Education</p> <p>Rai University provides 100% scholarships to girls from underprivileged background from within the country.</p> <p>Quality Education in all Respects:</p> <ul style="list-style-type: none"> • Emphasis on English Communication and Life Skills (ECLS). • Continuous Evaluation System. • Credit System with Flexibility of Learning • Well taken up CSR Initiatives (Corporate Social Responsibility) • Initiative of MOOCS and On-Line Learning. • Main contributor to Govt of Gujarat, Dept of technical Education's project of multiversity. • Establishment of Corporate Resource Cell (CRC), which takes care of Internship, placement requirements of the University and also communicate with Corporates for various inputs.
16.2	Weaknesses of the University	<p>Difficulties in getting good quality Teaching Faculties.</p>

Certificate

This is to certify that all the information provided above is true to the best of my knowledge and belief. The University will adhere to the rules, regulations and guidelines of the UGC, Central Government and relevant Statutory Council(s) and abide by all the provisions under the UGC Regulation.

The above information is also posted on the website of the University
www.rauniversity.edu


Dr. Charu Acharya
Dy Provost





Rai University
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Appendix - I

Appendix – I

Composition of the Society/Trust

S.No.	Name	Address	Occupation	Designation in the Trust
1	Dr. Suresh Sachdev	S/o Late Shri. K.L. Sachdev C-50 Sarita Vihar, New Delhi	Service	Trustee
2	Dr. Charu Acharya	Flat No. 134, Shruti Apartments Plot No. -22, Sector-7 Dwarka New Delhi-110075	Service	Trustee
3	Prof. Savita Sengar	D/o Shri Omprakash Chugh A-601, Anreja Tower, Sector-11, CBD, Belapur Navi Mumbai	Service	Trustee
4	Mr. Pramod Kumar Rao	S/o Sh. M. D. Rao H. No. 113, Sector-30, Faridabad	Service	Trustee
5	Dr. Harbeen Arora	D/o Sh. Anand Singh A-16/10 Vasant Vihar New Delhi-110057	Service	Trustee



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Appendix - II

Appendix – II

Information about Members of the Society/Trust

S.No.	Name of the Member	Address	Name of the Society/ Trust	Designation in the Society/Trust
No	No	No	No	No



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Appendix - III

Appendix – III

Information about promoting Society/Trust – other educational institutions

S.No.	Name of the University/ Educational Institution	Activities
No	No	No



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Appendix - IV

Appendix – IV

Information about promoting Society/Trust – Other activities

S.No.	Name of the Organization	Activities
No	No	No



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Appendix - V

Appendix – V

Information about off-campus centre(s)

S.No.	Address of the Off-campus centre	Courses Run
No	No	No



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Appendix - VI

Appendix – VI

Information about off-Shore campus centre(s)

S.No.	Address of the Off-Shore campus centre	Courses Run
No	No	No



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Appendix - VII

Appendix – VII

Information about Courses run under distance mode and study centre(s)

S.No.	Address of the Study centre	Courses Run	No. of students enrolled
No	No	No	No



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Appendix - VIII

Appendix – VIII

**Information about the programmes permitted to be offered by the Gazette
Notification of the State Government**

S.No.	Programme	Sanctioned Intake	Actual enrolment
	UG	BBA (HR, S&M, BF, IB, IT, P&O, RM) – 60 each B Tech (E&C) – 60 B Tech (EE) – 60 B Tech (ME) - 120 B Tech (CE) - 120 B Tech (IT) - 60 B Tech (CS) - 60 B Tech (BT) – 60 BSc (Biochemistry) – 60 BSc (Microbiology) – 60 BSc (Biotechnology) – 60 Bachelor of Journalism & Mass Comm Bachelor of Fashion Technology Bachelor of Social Science BA – Liberal Arts	2012-43 / 2013-86 2012-08 / 2013-27 2012-12 / 2013-94 2012-28 / 2013-207(201) 2012-00 / 2013-131(127) 2012-10 / 2013-57 2012-13 / 2013-75 2012-00 / 2013-17 2012-00 / 2013-00 2012-16 / 2013-24 2012-00 / 2013-18 00 00 00 00
	PG	MBA (S&M, BF, HR, IB, IT, P&O, RM) – 60 each	2012-14 / 2013-47

	Diploma	Engg Diploma (E&C) – 60 Engg Diploma (EE) – 60 Engg Diploma (ME) - 120 Engg Diploma (CE) - 120 Engg Diploma (IT) - 60 Engg Diploma (CS) - 60 Engg Diploma (AM) – 60	2012-00 / 2013-00 2012-00 / 2013-54 2012-00 / 2013-160 2012-00 / 2013-58 2012-00 / 2013-09 2012-00 / 2013-24 2012-00 / 2013-43
	PG Diploma	Not Running	00
	Certificate course	Not Running	00
	M.Phil	60	
	Ph.D.	120	
	Any other (pl. Specify)		

Note:

For Sanctioned Intake refer to Page 38, Para 22.1, of First Statute, which says

The total sanctioned intake for a session and increase in sanctioned intake for an academic year in various courses shall be decided by the Board Of Management and Academic Council.



Rai University
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Appendix - IX

Appendix – IX

Information about the programmes now offered (Batch – 2013-14)

S.No.	Programme	Sanctioned Intake	Actual Enrolment
	UG	BBA – 60 B Tech (E&C) – 60 B Tech (EE) – 60 B Tech (ME) - 240 B Tech (CE) – 120+20 B Tech (IT) - 60 B Tech (CS) - 60 B Tech (BT) – 60 BSc (Biochemistry) – 60 BSc (Microbiology) – 60 BSc (Biotechnology) - 60	2013-86 2013-27 2013-94 2013-206 2013-131 2013-57 2013-75 2013-17 2013-00 2013-24 2013-18
	PG	MBA - 60	2013-47
	Diploma	Engg Diploma (E&C) – 60 Engg Diploma (EE) – 60 Engg Diploma (ME) - 120 Engg Diploma (CE) - 120 Engg Diploma (IT) - 60 Engg Diploma (CS) - 60 Engg Diploma (AM) – 60	2013-00 2013-54 2013-160 2013-58 2013-09 2013-24 2013-43
	PG Diploma	Not Running	00
	Certificate course	Not Running	00
	M.Phil	60	00
	Ph.D.	July 2013 Batch – 120+10 January 2014 Batch - 120	July 2013 Batch - 122 January 2014 Batch -
	Any other (pl. Specify)	NA	NA



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Appendix - X

Appendix – X

Information about the approval of the courses by the concerned statutory council(s)

S.No.	Course	Name of the Statutory Council	Whether approval has been taken
1	B Tech (All Branches)	Board of Management and Academic Council of Rai University Fee Approval if through Fee Regulatory Committee (FRC), Dept of Technical & Higher Education, Govt of Gujarat Admission Process through ACPC	Yes
2*	Engineering Diploma (All Branches)	Board of Management and Academic Council of Rai University . Fee Approval if through Fee Regulatory Committee (FRC), Dept of Technical & Higher Education, Govt of Gujarat Admission Process through ACPDC	Yes
3*	Other Courses: MBA, BBA, BSc	Board of Management and Academic Council of Rai University	Yes



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Appendix - XI

Appendix – XI

Information about the courses run which are not specified by the UGC

S.No.	Course	Date of starting	Whether applied to UGC for specification
Not Applicable	Not Applicable	Not Applicable	Not Applicable



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Appendix - XII

Appendix – XII

Information about the complaints received under Grievance Redressal Mechanism

S.No.	Name of the complainant	Complaint Against	Date of complaint	Action taken by the University
NA	NA	NA	NA	NA



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Appendix - XIII

S.No	Dept/ School	Name	Designation	Age/DOB	Educational Qualification	Teaching Experience in Yrs	DOA	Full Time/ Part Time	Type	No of Publications
1	Dy. Registrar	Hardik Nagar	Dy. Registrar-External Affairs	26/08/1984	MBA	6	1-May-12	Full Time	Regular	0
2	Head - AA	Dr. Hemant Patil	Head Accademic Affairs	5/8/1984	Bsc (Microbiology), Msc , PHD (Microbiology)	2	2-Jul-12	Full Time	Regular	4
3	Dept of Engineering Information Technology	Ankur Aggarwal	Assi. Professor	5/22/1987	Dip. It , B.tech (IT), M.tech (ISCF)	1	20-Mar-13	Full Time	Regular	1
4		Ashish Butani	Research Associate	6/20/1990	B.Tech (IT), M.Tech (IT-Pursuing-3rd Sem)	1	31-May-13	Full Time	Regular	0
5		Ishan Shah	Assistant Professor	9/19/1989	BCA, Mcs IT, PHD (Prsuning-1st Sem)	2	18-06-2012	Full Time	Regular	0
6		Hardik Patel	Executive	6/8/1989	BCA, MCA	0	21-Mar-14	Full Time	Regular	0
7		Hiren Patel	Executive	2/8/1990	BCA , MCA	0	5-Apr-14	Full Time	Regular	0
8	Dept of Engineering Computer Science	Rajdeepsinh Vaghela	Assistant Professor	3/7/1990	B.E (CE), M.E (C.E)	1	1-Jul-13	Full Time	Regular	0
9		Kaushik Patel	Lecturer	12/9/1984	M.A, M.C.M	3	1-Mar-14	Full Time	Regular	0
10		Chetan Patel	Executive	5/21/1990	BCA, MCA (Pur.)	1	21-Mar-14	Full Time	Regular	0
11	Dept of Engineering Electronics & Communication	Aniruddhsinh Sisodiya	Lecturer	11/2/1990	B.E (EC)	1/2	4-Sep-13	Full Time	Regular	0
12		Bhavesh Vaghela	Lecturer	4/7/1991	B.E (IC) -Phy & Maths	0	24-Mar-14	Full Time	Regular	0
13		Kundan Kumar	Assi. Professor	2/10/1989	B.tech (E& Tc),Msc (Mths -Prsuing-2nd Sem)	1/2	10-Jul-13	Full Time	Regular	0
14		Nikunj Makavana	Lecturer	7/4/1990	B.E (EC)	0	10-Apr-14	Full Time	Regular	0
15		Rohit Negi	Assistant Professor	1/26/1990	B.tech (EC), M.Tec (VLSID)	1	3-Jul-13	Full Time	Regular	0
16	Dept of Engineering Electrical /EEE	Sujit Embrandiri	Lecturer	9/2/1991	B.E (EEE)	1	29-Jun-13	Full Time	Regular	0
17		Jatin Savaliya	Lecturer	9/28/1990	B.E (Ele)	3.5	14-Oct-13	Full Time	Regular	0
18		Jay Parmar	Lecturer	5/22/1992	B.E (ELE)	0	24-Mar-14	Full Time	Regular	0
19		Pinang Bhavasar	Lecturer	12/06/1889	B.E (Ele)	2	18-Apr-14	Full Time	Regular	0
20		Lakhadhirsinh Zala	Assistant Professor	11/20/1991	B.E (Mech)	2	1-Jun-13	Full Time	Regular	0
21		Priyanka Choudhary	Research Associate	7/1/1990	B.E (Production)	1	17-Jun-13	Full Time	Regular	0

22	Dept of Engineering Mechanical	Prakash Prajapati	Lecturer	1/5/2013	B.E (Mech)	3	14-Nov-13	Full Time	Regular	0
23		Rushbh Patel	Lecturer	6/11/1992	B.E (Mech)	1/2	2-Aug-13	Full Time	Regular	0
24		Shiv Panjabi	Lecturer	1/10/1992	B.E (Mech)	1/2	23-Sep-13	Full Time	Regular	0
25		Sagar Shah	Lecturer	17/06/1991	B.E (Mech)	1	1-Jan-14	Full Time	Regular	0
26	Dept of Engineering Civil	Manu Patel	Lecturer	07/09/1995	BE (Civil), MTech (Civil) Pursuing	0	07/03/2014	Full Time	Regular	0
27	Dept of Engineering Automobile	Mo.Asif Mafat	Lecturer	9/15/1992	B.E (Automobile)	0	21-Feb-14	Full Time	Regular	0
28	Dept of Applied Sciences	Priyanka Raval	Assistant Professor -	3/25/1986	Bsc (Phy), Msc (phy), PHD (pursuing - 2nd Sem)	5	21-Sep-12	Full Time	Regular	0
29		Abhishek Patel	Lecturer	8/8/1990	Bsc (Phy), Msc. (Phy)	1	1-Jul-13	Full Time	Regular	0
30		Bhakti Patel	Lecturer	6/8/1990	M.sc (Maths), B.Ed	2	27-Mar-14	Full Time	Regular	0
31		Dipika Zala	Asst. Professor	8/27/1983	Bsc (Mths), Bsc(stat), Msc (Stat)	4	10-Aug-13	Full Time	Regular	0
32	Dept of Management For Applied Sciences	Gurpreet Bhardwaj	Academic Coordinator	4/14/1989	M.B.A	2	3-Jun-13	Full Time	Regular	0
33		JANCY ROJIT	LECTURER	15/Aug/85	BBA, MBA	6	1-Apr-14	Full Time	Regular	0
34		DEEPIKA SHARMA	LECTURER	15/May/82	MBA	4	28-Mar-12	Full Time	Regular	0
35		Shikha Bhuyan	Assistant Manager (Program Officer)	11/12/1981	M.B.A	6	1-May-12	Full Time	Regular	0
36		Vikram Burman	Marketing Manager	12/16/1984	MBA	5	23-Nov-12	Full Time	Regular	0
37		Viral Patel	Executive	6/30/1989	MBA	1	28-Nov-13	Full Time	Regular	0
38	Dept of Life Sciences	Veerendra Singh	Asst. Pro.	5/31/1988	B.tech (Biotech), M.tech (Biotech)	2	8-Jul-13	Full Time	Regular	0
39		Damini Sinha	Lecturer	9/15/1987	Bsc(Ind.Microbiology), Msc (Microbiology)	1	28-May-13	Full Time	Regular	0
40		Dhruti Pithadiya	Lecturer	6/9/1990	Bsc (Biochem), Msc (Life sci.)	1.5	21-Jul-12	Full Time	Regular	0
41		Gopi Gandhi	Assistant Professor	5/2/1989	Bsc (bioinfor), Msc (biotech)	1	18-Jul-13	Full Time	Regular	0
42		Pankit Shah	Lecturer	3/23/1989	M.sc (Biotech), MBA	1	9-Apr-14	Full Time	Regular	0
43		Chaitanya K Jha	Asst. Pro.	7/7/1982	MSc , PhD (Microbiology)		15-May-14	Full Time	Regular	0
44		Ashish Rami	Assi. Professor	7/21/1984	BBA, MBA (Mrktg & HR),Mcom with HR, Net Exam Cleared , PHD-Pursuing	5	23-Jul-12	Full Time	Regular	5

45	Dept of Management	Bhumi Langhnoda	Lecturer	9/9/1989	B.com, MBA (Finance)	2	12-Aug-13	Full Time	Regular	1
46		Gaurang Shukla	Asst. Professor	6/4/1986	B.E (CE), MBA (Mktg)	2	12-Aug-13	Full Time	Regular	0
47		Komal Sidhnani	Lecturer	1/27/1991	B.com, MBA (Finance)	1/2	15-Oct-13	Full Time	Regular	2
48		Mitika Mahajan	Asst. Professor	11/3/1988	Bsc (Chem), MBA (HR)	3	23-Jul-13	Full Time	Regular	0
49		Tushar Panchal	Asst. Pro.	7/26/1985	B.sc (Maths), MBA (Mktg & HR), Net Exam Clear	4	21-Jul-13	Full Time	Regular	5
50		Vijay Tripathi	Asst. Pro.	9/2/1978	B.com,M.com,MBA (Finance & HR), Mphil (Pursuing 2nd Sem)	3	8-Jan-13	Full Time	Regular	0
51		Faisal Baghwala	Lecturer	21/07/1987	MBA, MCom	3	2-May-14	Full Time	Regular	0
52		Hardik Pandya	Asst. Professor	8/18/1982	BBA. MBA, UGC Net	4	15-Apr-14	Full Time	Regular	0
53		Tejal Solanki	Lecturer	5/18/1989	M.B.A	2	9-May-13	Full Time	Regular	0
54		Gargi Mishra	Deputy Manager	7/9/1989	MBA	6	25-Jul-12	Full Time	Regular	0
55		Neetu Singh	Assi.Manager	7/5/1989	MBA	4	4-Jan-13	Full Time	Regular	0
56		Pritesh Kumar	Assitant Manager	11/17/1987	BBA, PGDM	3	20-Feb-14	Full Time	Regular	0
57		Sanket Gupta	Marketing Manager	8/1/1985	MBA	5	26-Nov-12	Full Time	Regular	0
58		Dept of ECLS	Shraddha Mavani	Assistant Professor	18/12/1885	B.A (Eco), MBA (Mktg), PGDBA (Prususing 2nd Sem)	10	6-Dec-12	Full Time	Regular
59	Devangi Mandali		Lecturer	8/20/1986	BBA,MBA (Finance), DCA,PGDMM (Prusing -2nd Sem)	1	1-Jul-13	Full Time	Regular	0
60	Jasnit Kaur		Lecturer	5/15/1987	BSc (BioChem), MBA (MKTG)	4	8-Jul-13	Full Time	Regular	0
61	Ketna vyas		Lecturer	6/27/1976	B.A, M.A. (English)	10	10-Feb-14	Full Time	Regular	0
62	Mohak Vora		Assistant Professor	11/21/1989	B.sc, M.sc - Physics	1	3-Apr-14	Full Time	Regular	0
63	Rubina Aggrawal		ManagerProgram Office	22/12/1989	PG in Fashion, BA English, Diploma	3	5-May-14	Full Time	Regular	0
64		Bipin Bhadesiya	Lab Assistant	5/26/1968	Graduation	12	10-Jun-13	Full Time	Regular	0
65		Chetan Rathod	Lab Assistant	7/28/1988	Diploma Mech. Eng.	4	8-Jul-13	Full Time	Regular	0
66		Chetan Vimal	Workshop Instructor	1/1/1990	Diploma in Mechanical Engg.	4	22-Sep-12	Full Time	Regular	0
67		Dharmendra Rajput	Lab Assistant	2/20/1977	Diploma in Power Electronics.	5	22-Jul-13	Full Time	Regular	0
68		Dhiraj Amin	Lab Assistant	9/7/1973	B.Sc., B.Ed.	4	1-Oct-12	Full Time	Regular	0
69		Haresh Khambhaliya	Lab Assistant	10/13/1990	B.E.CCNA Trained	0	1-Jul-13	Full Time	Regular	0

70		Kumpal Solanki	Lab Assistant	4/29/1990	B.sc , M.sc (Bioinformatics)	0	25-Mar-14	Full Time	Regular	0
71		Naresh G Kadiya	Lab Assistant	5/13/1987	Diploma Ele.	2	3-Feb-14	Full Time	Regular	0
72		Rajendra Chauhan	Lab Assistant	12/26/1978	Intermediate+Diploma in Electronics	6	22-Jul-12	Full Time	Regular	0
73		Shankar Sawant	Lab Assistant	6/14/1985	Diploma Mech. Eng.	2	5-Jul-13	Full Time	Regular	0
74		Tushar M. Panchal	Lab Assistant	8/30/1981	Diploma, B.Tech (Pursuing)	6	11-Nov-13	Full Time	Regular	0
75		Vijay Palaliya	Lab Assistant	10/31/1985	Diploma Mech. Eng.	2	9-Jul-13	Full Time	Regular	0
76	Consultant	SURBHI ROSHAN	CONSULTANT	28/07/1968	PHD	18	5/1/2013	Full Time	Regular	0



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Appendix - XIV

Appendix – XIV

Information about Library

S.No.	Total Space (all kinds)	Computer/ Communicati on facilities	Total No. of Ref. Books (Each Department)		All Research Journals subscribed on a regular basis
			Titles	No of Copies	
1	B Tech (All Branches)	Yes	540	6183	2
2	Engineering Diploma	Yes	321	4035	2
3	BSc	Yes	102	325	1
4	BBA	Yes	45	1769	3
5	MBA	Yes	131	2382	3
	General Books	Yes		359	
	TOTAL		1139	15053	11



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Appendix - XV



Lab	Electrical Lab 1	Subject	Elements/Basics of Electrical Engineering
Department	Electrical Engineering	Course	B.Tech/Diploma
Area	912.70 Sq. Ft.	Branches	All Branches (1st year)

The major equipments available in the lab are:

SR NO	EQUIPMENT NAME	QTY	Price (INR)	Date of purchase
1	Voltage Stabilizer	1		
2	1 Phase Variac	3		
3	Regulated Power Supply	4		
4	Rheostat	6		
5	Resistive Load	2	18500	20/04/2013
6	Dimmer Stat	4		
7	Transformer	2		
8	L-C Load	2		
9	Network Trainer	3		
10	Super Position Theorem	1		
11	Rectifier and Filter	1		
12	Thevenins and Nortons Theorem	1		
13	Transistor Characteristics	1		
14	Series and parallel Resonance	2		
15	CRO	3		
16	3 Phase Variac	3		
17	Digital Multimeter	7		
18	Voltmeter	20		
19	Wattmeter	12		
20	Ammeter	18		
21	Pin Connectors	30		
22	Wore	1		
23	Test probe	2		
	Total Equipments	129		



Lab	Electrical Lab 2	Subject	Circuit and Networks Digital Logic Design Control Theory
Department	Electrical Engineering	Course	B.Tech/Diploma
Area	912.70 Sq. Ft.	Branches	EE/CS/IT/EC

The major equipments available in the lab are:

Sr.No.	Name of Equipment	Specification	Qty.	price(inr)
1	Watt meter	0-1500w	3	
2	Volt meter AC	0-300vac	2	
3	Volt meter AC	0-500vac	1	
4	volt meter DC	0-25/0-50vdc	2	
5	mV meter DC	0-50vdc	1	
6	Ammeter AC	0-20a	2	
7	Ammeter AC	0-10a	1	
8	Ammeter DC	0-2a	1	
9	Ammeter AC	0-10a	1	
10	mA meter DC	0-200a	1	
11	uA meter DC	0-25a	1	
12	uA meter DC	0-100a	1	
13	uA meter DC	0-50a	1	
14	cos-q meter 1 ph	0.5-1-0.5	2	
15	cos-q meter 1 ph	0.5-1-0.5	1	
16	LVDT KIT	4Khz	2	
17	PID Control System		2	
18	Electrical&electronic sys. Tra.		1	
19	Network Theorem Trainer		1	
20	Lead/Lag Network		1	
21	semiconductor&power semi.panel		1	
22	Rectifier-filter panal		1	
23	Supply unit	25v dc	2	
24	Temprature traineer		1	
25	Vrasetile eco progrme		1	
26	Transistor Class ABC amp		1	
27	DC/ AC wave shapping CKT		1	
28	Wein brg osci CKT		1	
29	Propstional INT CKT		1	
30	Basic Feedback SYS		1	
31	Strain Guage Chra.		1	
32	Basic feed back		1	
33	Thrmocouple chra.		1	
34	Stdy of capacitive displacment		1	
35	Propostional Derivatives		1	

36	Universel AC brg		1	
37	Study of series parallel		1	
38	Open loop Con. Sys		1	
Sr.No.	Name of Equipment	Specification	Qty.	
39	Tuned RF Amplifier		1	
40	Propstional Con Sys		1	
41	Study of pressure Trans.		1	
42	Liquid level Con Using		1	
43	Optical sensor		1	
44	Theveninies & norton throm.		1	
45	Super position therom		1	
46	Series and parallel resonences		1	
47	Loop and nordal analysis		1	
48	Maximum power transfer		1	
49	Study two port network		1	
50	Two port network parameters		1	
51	Pluse amplitude modulation		1	
52	DC motor speed con		1	
53	study of Lead-Leg network		1	
54	Signal Genretor	1-10Hz	1	
	Total Equipments		63	

Lab Electrical Lab 4

Subject: Electrical Machines I-III
 Electrical & Electronics Measuring Instruments
 Electrical Technology

Department Electrical Engineering

Course : B.Tech/Diploma

Area 1050 Sq. Ft.

Branches : EE/EC/ME

The major equipments available in the lab are:

No.	NAME OF EQUIPMENT	SPECIFICATION	QTY.	price(inr)	condition	date of purchase
1	3-PHASE INDUCTION MOTOR	3.7KW,1400RPM,415V,7.5A	1			
2	3-PHASE INDUCTION MOTOR	1.5KW,2HP,1410RPM,415V,14.8 A	1			
3	DC SHUNT MOTOR (COUPLED)	3.7KW,1500RPM,230V,14.8A	2			
4	DC SHUNT MOTOR	2KW,1500RPM,230V,10A	1			
5	3-PHASE INDUCTION MOTOR	1.5kw,2HP,1440RPM,415/230V,1.8/2.4A	1			
6	Transformer	230/115V/1Phase/1KVA	1			
			1			
			1			
7	Variac/ATO-Transformer	0-270V/15Amp	1			
8	No Load & Block Rotor Test on 3phase IM-Panel		1	12500		20/04/2013
9	Hopkinson Test Panel	203V DC Supply	1	82000		20/04/2013
10	Speed Torque Characteristic of DC Machine Panel	220V DC Supply	1	14000		20/04/2013
11	Swimburne Test Panel	220V DC Supply	1	1400		20/04/2013
12	Sumner's Test 1phase Transformer Panel	230V AC 1 phase	1	12500		20/04/2014
13	LAMP LOAD		1			
14	LAMP LOAD		1			
15	Digital Tachometer	0.1RPM/0.5-0.999RPM	1			
16	Digital Tachometer	0.1RPM/0.5-0.999RPM	1			
17	Motor Speed Controller		1	11000		20/04/2013
18	DC Starter		1			
19	Squillercage IM Panel		1			
20	Panel for Speed Controller on DC Shunt Motor		1			
21	Measurement of 3phase power by 2watt meter method		1			
22	Digital Tachometer Laser & Contact Type	0.1 to 0.999 RPM	1			
Total Equipments			25			

Lab Electronics Lab 1

Department EC Engineering

Area 720 Sq. Ft.

Subject Basic/Advanced Electronics

Course B.Tech/Diploma

Branches EE/EC/CS/IT

The major equipments available in the lab are:

Sr. No.	Equipment Name	Qty.	price(inr)	condition	date of purchase
1	FET Characteristics	1			
2	Clipping & Clamping Circuits	1			
3	OPAMP Application Trainer	1			
4	PN Junction Diode Characteristics	1			
5	T & π Attenuator	1			
6	Study of Diodes Ge, Si, Zener Diodes	1			
7	Study of Rectifiers & filters	1			
8	MOSFET Characteristics	1			
9	OPAMP Characteristics	1			
10	Characteristics of SCR	1			
11	Pulse Amplitude Modulation/ Demodulation Trainer	1			
12	Phase Shift Oscillator	1			
13	Bread Board Trainer	1			
14	Pulse Code Demodulator	1			
15	Delta Modulation	1			
16	UJT Trigger Circuits For SCR	1			
17	Multivibrator Trainer Transistorised	1			
18	Pulse Amplitude Demodulator	1			
19	Pulse Width Modulation/ Demodulation Trainer	1			
20	Pulse Code Modulator	1			
21	Transformer Coupled Amplifier	1			
22	Colpitts Oscillators	1			
23	Phase Shift Keyed Modulation	1			
24	Push Pulled Amplifier	1			
25	Hybrid Parameter of Transistor	1			
26	Time Division Multiplexing	1			
27	Pulse Width Modulator	1			
28	Attenuator Design & Measurements	1			
29	Delta Modulation	1			
30	Amplitude Modulation / Demodulation	1			
31	Characteristics of MOSFET	1			

32	Frequency Modulation / Demodulation	1			
33	Time Division DeMultiplexing	1			
34	Frequency Shift Keyed DeModulator	1			
35	Hartley Oscillator	1			
36	Negative Feedback Amplifier	1			
37	Pulase Position Modulation / DeModulation	1			
38	Pulse Width DeModulation	1			
39	Transistor Amplifier (CB, CE, CC)	1			
40	Study of Time Division Multiplexing	1			
Sr. No.	Equipment Name	Qty.			
41	Thermistor Charasteristics & Application	2			
42	Characteristics of Zener Diode	1			
43	Characteristics of Diac, Triac & UJT	2			
44	Characteristics of PN Junction Diode	1			
45	Study of Instrumentation Amplifier	1			
46	Study of Three Phase Controlled Rectifier	1			
47	Study of Single Phase Controlled Rectifier	1			
48	Study of Ratio Detector	1			
49	Study of Time Division Multiplexing	1			
50	Study of Thyristor Chopper	1			
51	Study of FET Characteristics (N-Channel)	1			
52	Study of Superheterodyne Receiver	1			
53	Study of Rectifier Circuits	2			
54	Single Stage Amplifier	1			
55	OPAMP Inverting & NonInverting Amplifier	1			
56	Composite Filter	1			
57	Frequency Tuned Amplifier	1			
58	Band Pass/Band Reject Filter	1			
59	Characteristics of Pn Junction Diode & Zener Diode	1			
60	Feed Back Network	1			
61	Common Base Characteristics	1			
62	Common Emitter Characteristics	1			
63	Common Collector Characteristics	1			

64	OPAMP Application/Parameter Astable / Monostable	1			
65	Transient Response of Series RLC Circuits	1			
66	Weinbridge Oscillator	1			
67	Study of Components	1			
68	Transistor Characteristics	1			
69	Discrete Component Trainer	1			
70	Analog Signal Sampling & Reconstruction Trainer	1			
71	TDM Pulse Amplitude Modulation/DeModulation Trainer	1			
72	Discrete Component Trainer	1			
73	Superheterodyne Receiver	1			
74	Transistor Biasing	1			
75	Function Generator	1			
	Total Equipments	78			

Lab Mechanical Lab 1
Department Mechanical Engineering
Area 720 Sq. Ft.

Subject Mechanical Engineering
 Basics of Mechanical Engineering
Course B.Tech/Diploma
Branches Mechanical Engineering Branches (1st Year)

The major equipments available in the lab are:

SR.NO.	NAME OF EQUIPMENT	QTY	price(inr)	condition	date of purchase
1	2 stroke Petrol engine	1			
2	4 stroke Petrol engine	1			
3	2 stroke Diesel engine	1			
4	4 stroke Diesel engine	1			
5	Steam engine	1			
6	Water turbine	1			
7	Pelton turbine	1	3825		10/5/2013
8	Francis turbine	1	3825		10/5/2013
9	Lancashire boiler	1			
10	Locomotive boiler	1			
11	Babcock and Wilcox boiler	1			
12	Cochran boiler	1	4725		10/5/2013
13	Air Pre heater	1	4125		10/5/2013
14	Super heater	1	2512.5		10/5/2013
15	Green Economizer	1	3262.5		10/5/2013
16	Surface Condenser	1	3825		10/5/2013
17	Differential gear	1			
18	Steam engine with boiler	1			
19	Knuckle joint	1	600		24/8/2013
20	Cotter joint	1	800		24/8/2013
21	Socket & Spigot joint	1	1400		24/8/2013
22	Flat belt pulley	1			
23	Watt governor	1	3450		24/5/2013
24	Four bar mechanism	1	1800		24/5/2013
25	Slip gauges set	1	12500		24/5/2013
26	Micrometer	3	1850		24/5/2013
27	Vernier height gauge	1	9500		24/5/2013
28	Dial gauge	1	1850		24/5/2013
29	Vernier calliper	3	3850		24/5/2013
30	Wire gauge	1	350		24/5/2013
31	Combination gauge set	1	3450		24/5/2013
32	Bevel protector	1	3450		24/5/2013
33	Vernier gear gauge	1	3450		24/5/2013
34	Thread gauge	1	3450		24/5/2013
35	Angle gauge	1	3450		24/5/2013
36	Manometer	1	500		16/9/2013
37	Bourdon tube pressure gauge	1	1800		16/9/2013
38	Hooks joint	1	800		16/9/2013

39	Slip joint	1	1400		16/9/2013
SR.NO.	NAME OF EQUIPMENT	QTY			
40	Strip joint	1	1500		16/9/2013
41	C type (V belt) model	1	1600		16/9/2013
42	Round (Rope) belt model	1	1650		16/9/2013
43	Universal coupling	1	1800		16/9/2013
44	Sine bar	1	9500		24/8/2013
45	Depth micrometer	1	4450		16/9/2013
46	Profile protector	1	38500		16/9/2013
47	2 stroke Petrol engine	1			
48	4 stroke Petrol engine	1			
49	2 stroke Diesel engine	1	1425		10/5/2013
50	4 stroke Diesel engine	1			
51	Steam engine	1			
52	Water turbine	1			
53	Pelton turbine	1			
54	Francis turbine	1	3825		10/5/2013
55	Lancashire boiler	1			
56	Locomotive boiler	1			
57	Babcock and Wilcox boiler	1			
58	Cochran boiler	1	4725		10/5/2013
59	Air Pre heater	1	4125		10/5/2013
60	Super heater	1	2512		10/5/2013
61	Green Economizer	1	3262		10/5/2013
62	Surface Condenser	1	3825		10/5/2013
63	Differential gear	1			
64	Steam engine with boiler	1			
65	Cone or Step pulley	1	450		10/5/2013
66	Sine bar	1	9500		24/8/2013
67	Depth micrometer	1	4450		16/09/2013
68	Flat belt pulley	1	1000		24/08/2013
69	Profile projector	1	38500		24/08/2013
70	Vernier gear gauge	1	3450		24/08/2013
71	Slip gauges set	1	12500		24/08/2013
72	Combination gauge set	1	3450		24/08/2013
73	Bevel protector	1	3450		24/08/2013
74	Dial gauge	1	1850		24/08/2013
75	Manometer	1	500		16/09/2013
76	Bourdon tube pressure gauge	1	1800		16/09/2013
77	C type (V belt) model	1	1800		16/09/2013
78	Round (Rope) belt model	1	1650		16/09/2013
79	Spur gear	1	2000		16/09/2013
80	Worm & Worm gear	1	1500		16/09/2013
81	Bevel gear	1	2000		16/09/2013
82	Rack & Pinion gear	1	1200		16/09/2013
83	Helical gear	1	2000		16/09/2013
84	V Belt drive	1	1600		16/09/2013
	Total Equipments	88			

Lab Mechanical Lab 2
Department Mechanical Engineering
Area 720 Sq. Ft.

Subject Engineering Mechanics
Course B.Tech/Diploma
Branches Mechanical Engineering Branches (1st Year)

The major equipments available in the lab are:

SR.NO.	NAME OF EQUIPMENT	Qty.	price(inr)	condition	date of purchase
1	Screw jack Apparatus	1	3075		10/5/2013
2	Worm and worm wheel Apparatus	1	2512		10/5/2013
3	Single purchase winch crab Apparatus	1	5250		10/5/2013
4	Inclined plane friction apparatus	1	2800		11/7/2013
5	Gravesand's apparatus	1	6650		11/7/2013
6	Out side calliper	3	1365		11/7/2013
7	Out side calliper				
8	Out side calliper				
9	Pan with threads	3	630		11/7/2013
10	Pan with threads				
11	Weights (1 Kg) x 1 no.	1	4200		11/7/2013
12	Weights (500 gm) x 4 no.	1 SET			
13	Weights (100 gm) x 4 no.	1 SET			
14	Weights (50 gm) x 12 no.	3 SET			
15	Reciprocating engine mechanism	1	6500		24/08/2013
16	Witworth quick return mechanism	1			
17	Models (Taper key, Shunk key, Shaddle key, Pin key, woodruff key)	1	2850		24/08/2013
18	Universal coupling	1	1800		24/08/2013
19	Oscillating cylinder mechanism	1			
20	Screw jack	1	5400		24/08/2013
21	Micrometer (0-25mm)	3	5550		16/09/2013
22	Micrometer (0-25mm)				
23	Micrometer (0-25mm)				
24	Varnier caliper (0-150mm)	3	11550		16/9/2013
25	Varnier caliper (0-150mm)				
26	Varnier caliper (0-150mm)				
27	Four bar link mechanism	1	1800		24/08/2013
28	Thread Guage	1	3450		24/08/2013

29	Wire Guage	1	350		24/08/2013
30	Angle Guage	1	3450		24/08/2013
SR.NO.	NAME OF EQUIPMENT	Qty.			
31	Knuckle joint	1	600		24/08/2013
32	cotter joint	1	800		24/08/2013
33	Universal Coupling	1	1800		16/09/2013
34	Watt Governar	1	3450		16/09/2013
35	Slip Joint	1	1400		16/09/2013
36	Hook Joint	1	800		16/09/2013
37	Socket & Spigot Joint	1	1400		16/09/2013
38	Strip Joint	1	1500		16/09/2013
39	Hight Guage	1	9500		24/08/2013
	Total Equipments	37			

Lab Mechanical lab 3
Subject Fluid Mechanics
 Fluid Power Engg.
 Fluid Machines
 Hydraulics
Department Mechanical Engineering
Area 730 Sq. Ft.
Course .Tech/Diploma
Branches ME/Civil/Auto

The major equipments available in the lab are:

Sr NO	Equipment Name	Qty	price(inr)	condition	date of purchase
1	Stop Watch	1	280		25/09/2013
2	Vernturimeter & Orifice meter Apparatus	1	29400		25/09/2013
3	Impacet of Jet Vanes Apparatus	1	27930		25/09/2013
4	Raynold's Apparatus	1	23800		25/09/2013
5	Bernoli's Therom Apparatus	1	29400		25/09/2013
6	Friction In Pipe Lines Apparatus	1	26600		25/09/2013
7	Metacentric Height Apparatus	1	14000		25/09/2013
8	Kaplan Turbine Test Ring	1	206500		25/09/2013
9	Noth Tank Apparatus	1	29400		25/09/2013
10	Piote Tube Apparatus	1	26600		25/09/2013
11	Reciprocating Pump Test Ring	1	22750		25/09/2013
12	Multy Stage Centrifugal pump test setup	1	48600		23/04/2013
13	Single Stage Centirfugal Air comperssor	1	49500		23/04/2013
14	Archimedes Principle Machine	1	44370		31/05/2013
15	Mercury (Counsuamble)	500 gm			
	Total Equipments	14			



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EVOLVING THINKING MINDS

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Lab Mechanical Lab 4

Subject Statics/Thermodynamics

Strength of Machine

Heat Mass Transfer

Department Mechanical Engineering

Course 3.Tech/Diploma

Area 720 Sq. Ft.

Branches ME/Auto/Civil

The major equipments available in the lab are:

Sr NO	Equipment Name	Qty	price(inr)	condition	date of purchase
1	1 Cylinder 4-Stroke Engine Working Model	1	22400		19/04/2013
2	1 Cylinder 2-Stroke Engine Working Model	1	17600		19/04/2013
3	1-Cylinder 4 Stroke (Air Cooled)	1	71200		19/04/2013
4	1-Cylinder 4-Stroke (Water Cooled) with electrical brack	1	97600		19/04/2013
5	Motorized Gyroscope 1 cylinder 4 stroke (Water Cooled With Rope)	1	73600		19/04/2013
6	Breck Dynemometer (Diesel Type)	1			
8	Epicyclic Gear Train Apparatus	1	36800		19/04/2014
9	Journal Bearing Apparatus	1	35200		19/04/2014
	Total Equipments	8			

Lab	Workshop I	Subject	Workshop Technology
Department	Mechanical Engineering	Course	B.Tech/Diploma
Area	2275 Sq. Ft.	Branches	All Branches (1st Year)

The major equipments available in the lab are:

SR.NO.	NAME OF EQUIPMENT	SPECIFICATION	QTY	price(inr)	condition	date of purchase
1	OIL COPY	-	1	75		22/4/2013
2	TAPE SET	8 MM	1	1119		22/4/2013
3	TAPE SET	10 MM	1	1350		22/4/2013
4	TAPE SET	12 MM	1	2118		22/4/2013
5	SCREW DRIVER	10 MM	2	298		22/4/2013
6	SCREW DRIVER	12 MM	2	374		22/4/2013
7	SPANNER SET RING	6 TO 32 MM	1	586		22/4/2013
8	OPEN END SPANNER	6 TO 32 MM	1	795		22/4/2013
9	CHIESEL SET	6", 8" 10" ,12"	1	895		22/4/2013
10	HALF ROUND CUT FILE	6"	1	441		22/4/2013
11	SQUARE SMOOTH FILE	10"	1	370		22/4/2013
12	TRINGULAR SMOOTH FILE	6"	1	290		22/4/2013
13	BALL PEN HAMMER	200 GM	1	380		22/4/2013
14	PIPE WRINCH	12"	1	315		22/4/2013
15	HACKSAW FRAME	12"	2	300		22/4/2013
16	WORKSHOP TABLE	6"X4"X3"	1	13500		22/4/2013
17	GOGGLES	STANDARD	20	2400		22/4/2013
18	CAST IRON SURFACE PLATE	24" X 24" (GRADE-I)	1	12850		22/4/2013
19	NUMBER PUNCH	6 MM SET	1	416		22/4/2013
20	CENTER PUINCH	STANDARD	1	50		22/4/2013
21	ALPHABET PUNCH	6 MM SET	1	1248		22/4/2013
22	STEEL RULE	300 MM	5	310		22/4/2013
23	TRY SQUARE	6"	2	384		22/4/2013
24	FLAT BASTRAD FILE	10"	6	320		22/4/2013
25	FLAT SMOOTH FILE	10"	2	890		22/4/2013
26	HALF ROUND SMOOTH FILE	10"	2	1730		22/4/2014
27	TRIANGLE FILE BASTRAD	10"	1	592		22/4/2015
28	ROUND SMOOTH FILE	10"	2	1012		22/4/2016
29	TAP WRENCH	1/2"	1	182		22/4/2017
30	TIN CUTTER	10"	2	814		22/4/2018
31	SLEDGE HAMMER	1350 GM	2	964		22/4/2019
32	V- BLOCK	50 X 38 X 38	1	1180		22/4/2020
33	ANGLE PLATE	4 X 4 X 4	1	1450		22/4/2021
34	SPRING JOINT DIVIDER	STANDARD	1	650		22/4/2022
35	SPRING JOIN OUT CALIPER	15 CM	1	950		22/4/2023
36	SPRING JOIN JOINT CALIPER	6 CM	1	1150		22/4/2024
37	MELLET	10"	4	2600		22/4/2025
38	MARKING BLOCK	UNIVERSAL	1	1320		22/4/2026
39	MECHANICS BLOCK	5 X5 "	6			

SR.NO.	NAME OF EQUIPMENT	SPECIFICATION	QTY			
40	VERNIER CALIPER (0-300 MM)	0-300 MM	1	6350		22/4/2013
41	MICROMETER	50-300 MM	1	8850		22/4/2014
42	WORKING TABLE		3			
43	BENCH VICE		6			
44	ARC WELDING MACHINE	250 AMP , 1/2 PHASE ALL. WINDING	1			
45	CARPENTARY CHISEL	3/4"	4			
46	HAND SAW	18"	3			
47	HAND SAW (TENONSAW 12)	12"	2			
48	JACK PLANE	14"	4			
49	BAND VICE		12			
50	VICE HAND 4.5		5			
51	VICE CARPENTORY		4			
52	PINCER		2			
53	SCRIBER	BENT 8	8			
54	SCRIBER STRAIGHT		8			
55	SCRIBER OFFSET		2			
56	SPRING DIVIDER		2			
57	MARKING BLOCK	FIXED TYPE- 12	2			
58	MARKING BLOCK	UNIVERSAL	2			
59	PUNCH SET	DOT 4	1 SET			
60	CENTER PUNCH	4	1			
61	HOLE PUNCH	6/32	1			
62	VICE	AD MEDIUMSE	2			
63	VICE	AXE MEDIUM	1			
64	ANVIL	25 KG	1			
		Total Equipments	162			

Lab Workshop II

Subject: Manufacturing Processes
Workshop Technology

Department Mechanical Engineering

Course: B.Tech/Diploma

Area 2400 Sq. Ft.

Branches: ME/Automobile

The major equipments available in the lab are:

SR.NO.	NAME OF EQUIPMENT	SPECIFICATION	QTY	price(inr)	condition	date of purchase
1	HIGH PRECISION LIGHT DUTY LATHE MACHINE	LENGTH OF BED: 4 1/2"	1	76500		22/4/2013
		HEIGHT OF CENTER: 165 MM				
		WIDTH OF BED: 238 MM				
		SPINDLE HOLLOW : 40 MM				
		ADMIT BETWEEN CENTERS: 650 MM				
2	MT - REVOLVING CENTER		1	1050		22/4/2013
3	HORIZONTAL GEARED HEAD MILLING MACHINE	ROTARY TABLE 8" DIA. MILLING VICE (100MM)	1	131500		22/4/2013
		ADAPTER, ARBOR , & COLLECTS DIVIDING HEAD				
4	VERTICAL GEARED HEAD MILLING MACHINE	MILLING VICE: 150 MM	1	236500		22/4/2013
5	12" STROKE HEAVY DUTY CONE PULLEY TYPE SHAPING MACHINE		1	120000		22/4/2013
6	HEAVY DUTY RADIAL DRILLING MACHINE	25 MM CAP , 8 SPEED , 200 MM TRAVEL WITH	1	83500		22/4/2013
		FINE FEED ATTACHEMENT				
7	PILLAR DRILLING MACHINE	25 MM CAP , 8 SPEED , 125 MM TRAVEL 4"	1	27500		22/4/2013
		PILLAR HEIGHT				
8	HYYDRAULIC CONTROL HACKSHAW MACHINE	8" CAP BLADE SIZE: 16" X 1/4"	1	53500		22/4/2013
9	BENCH GRINDER	0.50 HP , 3 PHASE , 2800 RPM	1			
		GRINDING WHEEL SIZE:8" X 3/4"				
10	MECHANIC'S BENCH VICE	5 X 5" CAP	1			
11	ALLUMINIUM WINDING STUD TYPE AIR COOLED WELDING MACHINE	I- 250 AMPS , 1/2 PHASE	1			
12	SPOT WELDING MACHINE	KVA	1			
13	PARTING OF TOOLS	1" X 5/8"	1			
14	KNURLING TOOLS WITH HOLDER		1	1620		22/4/2013
15	OIL CUPPY		7	75		22/4/2013
16	BORING TOOLS 1/2"		1	350		22/4/2013
17	TAPER SHANK DRILL BIT 7 MM		2	966		22/4/2013
18	TAPER SHANK DRILL BIT 8 MM		2	966		22/4/2013
SR.NO.	NAME OF EQUIPMENT	SPECIFICATION	QTY			
19	TAPER SHANK DRILL BIT 10.2 MM		2	1650		22/4/2013
20	TAPER SHANK DRILL BIT 14 MM		2	3314		22/4/2013
21	STRAIGHT SHANK DRILL BIT 10 MM		2	66		22/4/2013
22	STRAIGHT SHANK DRILL BIT 4 MM		2	140		22/4/2013

23	STRAIGHT SHANK DRILL BIT 6 MM		2	294		22/4/2013
24	STRAIGHT SHANK DRILL BIT 10 MM		2	950		22/4/2013
25	STRAIGHT SHANK DRILL BIT 12 MM		2	1372		22/4/2013
26	LATHE SLEEVE MT 3-5		1	540		22/4/2013
27	LATHE SLEEVE MT 4-6		1	740		22/4/2013
		Total Equipments	42			

Lab	Physics Lab 1	Subject	Engineering Physics
Department	Science Department	Course	B.Tech/Diploma
Area	720 Sq. Ft.	Branches	All Branches (1st Year)

The major equipments available in the lab are:

Sr. No.	Equipment Name	Equipment Specification	Quantity	price(inr)	condition	date of purchase
1	Laser Source		1	19500		22/4/2013
2	Laser Greeting		1	1500		22/4/2013
3	Screen		1	850		22/4/2013
4	Lycopodium Powder		1	300		22/4/2013
5	Four Probe Arrangemrnt	0-200mV, 0-20mA	1	14500		22/4/2013
6	Thermometer	110 C	3	330		22/4/2013
7	Post Office Box		1	2450		22/4/2013
8	Table Galvanometer	600 uA	1	600		22/4/2013
9	Laclance Cell		1	190		22/4/2013
10	Heater	0-100	1	1500		22/4/2013
11	Semiconductor Trainer kit		1	3000		22/4/2013
12	DC Power Supply	0-30v	3			
13	Linear Potentiometer	0-10 k	1			
14	PN Junction Diode Trainer Kit		1	2900		22/4/2013
15	Zener Diode Trainer Kit		1	2850		22/4/2013
16	Battery Eliminator	2-12v 2A	1			22/4/2013
17	Resistor		1 small box	40		22/4/2013
18	LED	0.5-3.0v	20	50		22/4/2013
19	Digital Multimeter	750VAC, 1000VDC, 10ADC	2			
20	CRO	20MHz	3			
21	Screw gauge		10	2500		22/4/2013
22	Vernier Calipers		10	2500		22/4/2013
23	Solid Cylinder		1	150		22/4/2013
24	Steel Beads of Different radial		1	600		22/4/2013
25	Digital Stop watch		1	200		22/4/2013
26	Beaker	250ml	1	50		22/4/2013
27	Capillary Tube		1	40		22/4/2013
28	Iron stand with clamp		1	250		22/4/2013
29	Travelling Microscope		1	1000		22/4/2013
30	Drawing Board		1	200		22/4/2013

31	Drawing Pins		1	25		22/4/2013
32	Protractor		1	50		22/4/2013
Sr. No.	Equipment Name	Equipment Specification	Quantity			
33	Adhesive Tape		1	20		22/4/2013
34	Diode Laser Source		1	8000		22/4/2013
35	Diffraction Grating	500 lines/mm	1	1000		22/4/2013
36	Digital Voltmeter, Power Supply	DC-20v	1	800		22/4/2013
37	Micro ammeter	DC-200uA	1	500		22/4/2013
38	100 w lamp	100w	2	20		22/4/2013
39	Photo cell		1	100		22/4/2013
40	Switch Keys		1	30		22/4/2013
41	Rehostet		1	700		22/4/2013
42	Young Modulus Set		1	1500		22/4/2013
43	Glass Plate		1	100		22/4/2013
44	Photo Voletic Cell		1	500		22/4/2013
45	Polarid		1	200		22/4/2013
46	Convex Lens		1	50		22/4/2013
47	Steel wire		1	100		22/4/2013
48	Glass Prism	60 60 60	1	100		22/4/2013
49	Stroke' Apparatus for Viscosity		1	500		22/4/2013
50	Steel ball		3 small box	180		19/10/2013
51	Glisrin		1 bottle 500gm	135		19/10/2013
52	Potentiometer	5k	1	50		19/10/2013
53	Weight with hook		1 set	540		19/10/2013
54	Glass tube for Stroke's Practical		1	540		26/10/2013
55	DC Regulated Power Supply	0-15v, 5000mA	1			
	Total Equipments		96			

Lab Chemistry Lab 1
Department Science Department
Area 720 Sq. Ft.

Subject Engineering Chemistry
Course B.Tech/Diploma/B.Sc
Branches All Branches (1st Year)

The major equipments available in the lab are:

SR.NO.	NAME OF EQUIPMENT	SPECIFICATIO N	QTY	price(inr)	condition	date of purchase
1	Weighing balance	110 gm x 0.001 gm	1			
2	pH Meter	0-14 pH , Conductivity	2			
3	Centrifuge	100 – 30000 rpm	4			
4	Colorimeter		1			
5	Distillation Unit	Borosil	1			
6	Bunsen nurner		13+1			
7	Magnetic stirrer with hot plate	1 litre capacity	1			
8	Melting Point apparatus		1			
9	Conductivity Meter	Auto ranging	1			
10	Potentiometer		1			
	Total Equipments		13			

Lab	Chemistry Lab 1	Subject	Engineering Chemistry
Department	Science Department	Course	B.Tech/Diploma/B.Sc
Area	720 Sq. Ft.	Branches	All Branches (1st Year)

The major Glass-wares & Plastic-wares available in the lab are:

SR.NO.	Glassware/Platicware Name	SPECIFICATION	QTY	price(inr)	condition	date of purchase
1	Measuring Cylinder	10 ml	4			
2	Measuring Cylinder	50 ml	4			
3	Measuring Cylinder	100 ml	11			
4	Measuring Cylinder	250 ml	3			
5	Measuring Cylinder	500 ml	6			
6	Measuring Cylinder	1000 ml	4			
7	Volumetric Flask	50 ml	18			
8	Volumetric Flask	100 ml	29			
9	Volumetric Flask	250 ml	18			
10	Volumetric Flask	500 ml	16			
11	Conical Flask	100 ml	50			
12	Conical Flask	250 ml	74			
13	Conical Flask	500 ml	10			
14	Conical Flask	1000 ml	3			
15	Beaker	25 ml	2			
16	Beaker	50 ml	12			
17	Beaker	100 ml	36			
18	Beaker	250 ml	51			
19	Beaker	500 ml	5			
20	Beaker	1000 ml	1			
21	Pipette	1 ml	4			
22	Pipette	2 ml	18			
23	Pipette	5 ml	8			
24	Pipette	10 ml	23			
25	Pipette	25 ml	6			
26	Separating Funnel	250 ml	5			
27	Test Tube	30 ml with cap	66			
28	Test Tube	20 ml	93			
29	Test Tube	15 ml	118			
30	Test Tube	40 ml	60			
31	Test Tube	50 ml	41			
32	Reagent Bottle	500 ml,250ml,100 ml	220			
33	Wash Bottle	500 ml	6			
34	Burette	50 ml	10+2			

35	Burette Stand	----	19			
SR.NO.	Glassware/Platicware Name	SPECIFICATION	QTY			
36	Test Tube Stand	----	16			
37	Viscometer	----	5			
38	Thermometer	----	8			
39	Rabber Bulb (Small)	----	3			
40	Tripoid Stand	----	19			
41	Culture Bottle	----	90			
42	Round Bottom Flask	----	10			
43	Tri Angle Tube	----	7			
44	Burette	50 ml	22			
45	Evaporating Dish	----	6	144		25/3/2013
46	Mortal And Pasal	----	14 , 10			
47	Wire Gause	----	12			
48	Test Tube Holder	----	12			
49	Droper	----	20			
50	Glass Rod	----	12			
51	Tongs	----	12			
	Total Equipments		1298			

Lab Chemistry Lab 1
Department Science Department
Area 720 Sq. Ft.

Subject Engineering Chemistry
Course B.Tech/Diploma/B.Sc
Branches All Branches (1st Year)

The major Chemicals available in the lab are:

SR.NO.	Chemical Name	Company Name	QTY.	price(inr)	condition	date of purchase
1	Aluminium Phosphate	Finar	500 gm	459		3/12/2012
2	Acetone	Finar	500 ml x 2	154		3/12/2012
3	Acetic Acid Glasial	Finar	500 ml x 3	254		3/12/2012
4	Ammonium Phosphate	Finar	500 ml	300		3/12/2012
5	Ammonium Molybdate	Finar	500 gm	4792		3/12/2012
6	Ammonium Carbonate	Finar	500 gm	205		3/12/2012
7	Ammonium Acetate	Finar	500 gm	200		3/12/2012
8	Ammonia	Finar	500 ml x 3	98		3/12/2012
9	Aluminium Sulphate	Finar	500 gm	139		3/12/2012
10	Aniline	Finar	500 ml x 2	300		3/12/2012
11	Barium Chloride	Finar	500 gm	147		3/12/2012
12	Aluminium Chloride	Finar	500 gm	184		3/12/2012
13	Benzamide	Finar	500 gm	730		3/12/2012
14	Benzaldehyde	Finar	500 ml	255		3/12/2012
15	Benzyl Chloride	Finar	500 ml	296		3/12/2012
16	Benzoic Acid	Rankem	500 gm	243		3/12/2012
17	Bromine Water	Finar	500 ml x 2	170		3/12/2012
18	Buffer Solution (10 pH)	Finar	500 ml x 3	284		1/9/2013
19	Chloroform	Finar	500 ml x 2	184		3/12/2012
20	Charcoal Activated	Rankem	500 gm	268		3/12/2012
21	Calcium Sulphate	Finar	500 gm	195		3/12/2012
22	Calcium Chloride	Finar	500 gm			
23	Copper Sulphate	Finar	500 gm	301		3/12/2012
24	Cadmium Chloride	Finar	100 gm	128		3/12/2012
25	Calcium Hypochloride	Finar	500 gm			
26	Copper Metal Foil	Finar	100 gm			
27	Cobalt Nitrate	Finar	500 gm			
28	Calcium Carbonate	Merck	500 gm			
29	Carbon Tetrachloride	Finar	500 ml	1485		3/12/2012
30	Chlorine Water	Finar	1000 ml			
31	Copper Sulphate	Finar	500 gm			
32	2,4-Dinitro Phenyl Hydrazin	Finar	250 gm			
33	Diethyl Ether	Finar	500 ml x 2	225		3/12/2012
34	Eriochrome Black-T	Finar	25 gm	97		3/12/2012
35	Ethylene Dichloride	Finar	500 ml			
36	EDTA	Finar	500 gm			

37	Ethyl Acetate	Finar	500 ml x 2	165		3/12/2012
SR.NO.	Chemical Name	Company Name	QTY.			
38	Ferrous Sulphate	Finar	500 gm x 2	120		3/12/2012
39	Ferric Chloride	Finar	500 gm x 2	165		3/12/2012
40	Formaldehyde	Finar	500 ml			
41	HCl	Finar	500 ml x 2			
42	Iodine Resublimed	Finar	100 gm	1380		3/12/2012
43	Lead Nitrate	Finar	500 gm			
44	Lead Acetate	Finar	500 gm x 2	300		3/12/2012
45	Magnesium Sulphate	Finar	500 gm	100		3/12/2012
46	M - Dinitrobenzene	Finar	500 gm	675		3/12/2012
47	Muroxide	Finar	5 gm	177		3/12/2012
48	Methyl Red	Finar	125 ml	63		3/12/2012
49	Magnesium Chloride	Finar	500 gm	130		3/12/2012
50	Methyl Violet	Finar	100 gm			
51	Manganese Dioxide	Finar	500 gm			
52	Methyl orange	Finar	125 ml			
53	Naphthalene	Finar	500 gm	224		3/12/2012
54	Nickle chloride	Finar	500 gm	1456		3/12/2012
55	Nickle carbonate	Finar	500 gm	2108		3/12/2012
56	Nitric acid	Finar	500 x 2 ml	175		3/12/2012
57	Nitrobenzene	Finar	500 ml	255		3/12/2012
58	O-Phosphoric acid	Finar	500 ml	320		3/12/2012
59	Oxalic acid	Finar	500 x 2 gm	165		3/12/2012
60	Paraffin liquid light	Finar	500 ml	185		3/12/2012
61	Phenolphthalene solution	Finar	125 ml x 2	63		3/12/2012
62	Picrid acid	Finar	500 gm	512		3/12/2012
63	Potassium permanganate	Finar	500 gm	314		3/12/2012
64	Potassium dichromate	Finar	500 x 2 gm	554		3/12/2012
65	Potassium chromate	Finar	500 gm			
66	Potassium hydroxide	Finar	500 gm	190		3/12/2012
67	Phenol	Finar	500 gm	274		3/12/2012
68	Potassium ferrocyanide	Finar	500gm	442		3/12/2012
69	Polystyrene	Finar	500 gm			
70	Potassium bromide	Finar	500 gm			
71	Phenol red solution	Finar	125 ml			
72	Potassium iodide	Finar	250 gm			
73	Potassium chloride	Rankem	500 gm			
74	Petrollium ether	Finar	500 mll	199		3/12/2012
75	Resorcinol	Finar	250 gm	675		3/12/2012
76	Schiff's reagent	Finar	500 ml	296		3/12/2012
77	Sulphuric acid	Finar	500 ml x 3	161		3/12/2012
78	Sodium hydroxide	HPLC	500 gm x 2	144		3/12/2012
79	Sodium carbonate	HPLC	500 gm x 2	152		3/12/2012
SR.NO.	Chemical Name	Company Name	QTY.			
80	Sodium bicarbonate	Rankem	500 gm			
81	Sodium thiosulphate	Finar	500 gm	93		3/12/2012

82	Starch	Finar	500 gm	529		3/12/2012
83	Stannous chloride	HPLC	250 gm	1160		3/12/2012
84	Sodium rhodizonate	Finar	5 gm	2220		3/12/2012
85	Sodium chloride	Finar	500 gm	77		3/12/2012
86	Salicylic acid	Finar	500 gm	345		3/12/2012
87	Sodium metal	Finar	250 gm	278		3/12/2012
88	Silver nitrate	Finar	10 gm	1675		3/12/2012
89	Sodium nitrate	Finar	500 gm	158		3/12/2012
90	Sodium nitrite	Finar	500 gm	230		3/12/2012
91	Sodium hydrogen phosphate	Rankem	500 gm			
92	Sodium nitropruside	Finar	100 gm	345		3/12/2012
93	Sodium hydrogen sulphite	Rankem	500 gm	225		3/12/2012
94	Strontium nitrate	Finar	500 gm			
95	2 - Naphthol	Finar	500 gm			
96	1 - Naphthol	Finar	100 gm			
97	Thymol blue indicator	Finar	5 gm	113		3/12/2012
98	Toluene	Finar	500 ml			
99	Zinc oxide	Finar	500 gm	301		3/12/2012
100	Zinc carbonate	Finar	500 gm	392		3/12/2012
101	Zinc dust	Finar	500 gm	450		3/12/2012
102	Zinc sulphide	Finar	500 gm	879		3/12/2012
103	Litmus paper red	Finar	3 pkts	369		3/12/2012
104	Litmus paper blue	Finar	2 pkts	246		3/12/2012
105	Whatman filter paper no.1	Finar	1 pkt	240		3/12/2012
106	Fliter paper no 81	Finar	100 sheets			
107	pH strip	---	1 pkt			
108	Calcium hydroxide	Finar	500 gm	140		1/9/2013
109	Copper sulphide	Finar	500 gm	1230		1/9/2013
110	Copper tartarate	Finar	500 gm	1230		1/9/2013
111	Sodium sulphate	Finar	500 gm	107		1/9/2013
112	Universal indicator	Finar	500 ml	154		1/9/2013
113	Potassium tartarate	HPLC	500 gm	589		1/9/2013
114	Phynyl hydrazine	HPLC	500 ml	948		1/9/2013
115	Borax powder	Finar	500 gm	210		1/9/2013
116	Diphenyl amine	CDH	250 gm	459		4/5/2013
117	Phthalic anhydride	EM	500 gm	240		3/12/2012
118	Urea	HPLC	500 gm	135		3/12/2012
119	P-Rosanilin HCl	SRI	25 gm	800		3/12/2012
120	Sodium arsenate	GR	100 gm	1193		8/10/2013

Lab Biology lab **Subject:** Micro Biology
Bio Technology
Department Science Department **Course:** B.Tech/B.Sc
Area 720 Sq. Ft. **Branches:** Micro Biology/Bio Technology

The major Equipments available in the lab are:

Sr. No.	Equipment name	Equipment specification	Company name	Qty.	price(inr)	condition	date of purchase
1	Autoclave	3500W, 230 AC volts	Equitron	6			
2	Fridge	-	Kelvinator	1			
3	Laminar air flow	-	-	2			
4	UV-Vis Spectrophotometer	-	Elico	2			
5	Weighing balance	Cap. 0.05gm-110gm	ATCO	1			
6	pH meter	-	Elico	2			
7	BOD Incubator	May-55	Navyug	3			
8	Microscope	Radial-RMH-4B	Radial	26			
9	Refrigerated centrifuge	30000 rpm	Remi	4			
10	Waterbath	Shaking condition	Bio-tech	4			
11	Electrophoresis unit	-	Popular	1			
12	Transilluminator	-	Bio-view	3			
13	Colorimeter	-	Elico	1			
14	Haemocytometer	-	-	1			
15	Hot air oven	230V	Ausco, Orbitech	4			
16	Vortex shaker	-	-	3			
17	Hot plate	-	-	1			
18	Magnetic stirrer with hot plate	-	Neolab	3			
19	Mini thermocycler	-	-	1			
20	Microplate reader	-	Bio-Rad	1			
21	Wax bath	-	Bio-Mad	1			
22	Microwave oven	-	LG	1			
23	Moist heat therapy unit	-	Bio-Mad	1			
24	Anaerobic jar	-	-	1			
25	Simple small microscope	-	-	10			
26	Test-tube vortex	-	-	1			
27	Photostation	-	Lark	1			
28	Magnetic stirrer with hot plate	-	-	2			
29	Test tube vortex	-	-	1			
		Total Equipments		89			

Lab Biology lab **Subject:** Micro Biology
Bio Technology

Department Science Department **Course:** B.Tech/B.Sc

Area 720 Sq. Ft. **Branches:** Micro Biology/Bio Technology

The major Equipments available in the lab are:

Sr. No.	Glassware / Plasticware Name	Specification	Company name	Qty.	price (INR)	condition	date of purchase
1	Petri plate	90mm diameter	Borosil	25			
2	Micropipettes	(20-100, 40-200 & 100-1000) μ l	Vertex & Genei	3			
3	Watch glass	-	-	29	232		8/10/2013
4	Microscopic slide	-	-	65			
5	Cover slip	-	-	11 Box			
6	Concavity slide	One cavity	-	15	135		1/9/2013
7	Suspension tube	4 ml capacity	Borosil	10	49		1/9/2013
8	Wire loop	With stab wire	-	1	40		1/9/2013
9	Petri dish	90 mm diameter	-	30	1620		1/9/2013
10	Fungi slide	Mucor & Penicillium (Permanent)	-	4	192		1/9/2013
11	Spreader	-	Borosil	5	550		8/10/2013
12	Bacteria slide	+ve & -ve (Permanent)	-	4	192		8/10/2013
13	Algae slide	Chlorella & Anabaena (Permanent)	-	2	96		8/10/2013
		Total Equipments		193			

Lab	Biology lab	Subject	Micro Biology Bio Technology
Department	Science Department	Course	B.Tech/B.Sc
Area	720 Sq. Ft.	Branches	Micro Biology/Bio Technology

The major Equipments available in the lab are:

Sr.No.	Chemical Name	Quantity
1	Agar agar powder	500gm
2	Ammonium chloride	500gm
3	Ammonium dihydrogen orthophosphate	500gm
4	Ammonium hydroxide solution	500ml/2
5	Ammonium sulphate	500gm/2
6	Barfoed's reagent	125ml
7	Biuret reagent	125ml/2
8	Bromocresol purple solution	125ml
9	Bromophenol blue	125ml
10	Calcium chloride	500gm
11	Calcium sulphate	500gm
12	Cellulose powder	500gm
13	Chromic acid	500ml
14	Copper sulphate	500gm
15	Copper tartarate	500gm
16	Crystal violet	25gm/2
17	Dextrin white	500gm
18	D-glucose	500gm/2
19	Dimethyl amino benzaldehyde	250gm
20	D-sorbitol	500gm
21	EDTA disodium salt	100gm/7
22	Ferric sulphate	500gm
23	Ferrous sulphate	500gm
24	Fructose	500gm
25	Gelatin powder	500gm
26	Gram's decolorizer solution	125ml/2
27	Hydrochloric acid	500ml/5
28	Immersion oil	100ml/2
29	Iodine resublimed	100gm
30	Lactophenol solution	500ml
31	Lactose monohydrate	500gm/2
32	Lugol's iodine	500ml
33	lysol	500ml
34	Magnesium chloride	500gm
35	Malachite green	25gm/2
36	Manganese sulphate	500gm

37	Meat extract	500gm
Sr.No.	Chemical Name	Quantity
38	Mercuric chloride	250gm
39	Methyl amino phenol sulphate	125gm
40	Methyl orange	125ml
41	Methylene blue	25gm/5
42	Methylene blue alkaline (Loffler's)	125ml
43	Millon's reagent	125ml
44	Molisch reagent	125ml
45	Molybdc acid	125ml
46	MR-VP medium	500gm
47	Mueller Hinton agar	500gm
48	Nigrosine	125gm/2
49	Nitric acid	500ml/2
50	Nutrient agar	500gm
51	Oxalic acid	500gm
52	Peptone	500gm
53	Peptone water	500gm/2
54	Phenol red solution	125ml
55	Phenol solution	500ml
56	Phenolphthalein	125ml/5
57	Potassium carbonate	500gm
58	Potassium chloride	500gm
59	Potassium chromate	500gm
60	Potassium dichromate	500gm/3
61	Potassium dihydrogen orthophosphate	500gm
62	Potassium dihydrogen phosphate	500gm
63	Potassium hexacynoferrate	500gm
64	Potassium hydrogen phthalate	500gm/2
65	Potassium hydroxide	500gm/2
66	Potassium iodide	500gm/2
67	Potassium nitrate	500gm
68	Potassium permanganate	500gm
69	Potassium phosphate	500gm
70	Potassium sodium tartrate	500gm/2
71	Potassium sulphate	500gm
72	Pyridine	500ml
73	Pyridoxine hydrochloride	500gm
74	Rhodamine	125ml
75	Safranin stain	25gm/2
76	Salicylic acid	500gm
77	Schiff's reagent	125ml
78	Seliwanoff reagent	125ml
79	Silica gel-G	500gm/2
80	Skim milk agar	500gm
Sr.No.	Chemical Name	Quantity
81	Sodium alginate	500gm/2
82	Sodium chloride	500gm/3
83	Sodium citrate	500gm

84	Sodium dodecyl sulphate	500gm
85	Sodium hydroxide	500gm/6
86	Sodium hypochloride	500ml
87	Sodium lauryl sulphate	500gm
88	Sodium nitrate	500gm
89	Sodium nitropruside	500gm
90	Sodium sulphate	500gm
91	Sodium thiosulphate	500gm
92	Sodium thiosulphate solution	500ml
93	Sorbic acid	500gm
94	Starch	500gm/3
95	Sucrose	500gm/2
96	Sulphuric acid	500ml/6
97	Tri sodium citrate	500gm
98	Urea crystal	500gm
99	Xylene	50ml/2
100	Yeast extract powder	500gm
101	Zinc sulphate	500gm
102	Buffer capsule (4,7 & 9.2 pH)	1 bottle each
103	Molisch reagent	125ml
104	Seliwanoff reagent	125ml
105	Copper tartarate	500gm
106	Autoclave indicating dye	1 role



Lab	Civil Lab 1	Subject	Elements of Civil Engineering Basics of Civil Engineering Surveying Technology
Department	Civil Engineering	Course	B.Tech/Diploma
Area	760 Sq. Ft.	Branches	All Branches (1st Year) Civil (2nd Year)

The major equipments available in the lab are:

Sr. No.	Equipment Name	Equipment Specification	Quantity	Price (INR)	condition	date of purchase
1	CHAIN	20 M	1	850		1/7/2013
2	CHAIN	30M	1	950		1/7/2013
3	FIBERGLASS TAPE	15M	1	270		1/7/2013
4	FIBERGLASS TAPE	30M	1	380		1/7/2013
5	WOODEN PEG		15	1650		1/7/2013
6	STEEL PEG		10	3500		1/7/2013
7	ARROW		10	100		1/7/2013
8	FREEMANS STEEL TAPE	30M	1	600		1/7/2013
9	RANGING ROD	2M	10	2500		1/7/2013
10	RANGING ROD	3M	10	4500		1/7/2013
11	OFFSET ROD	2M	10	3000		1/7/2013
12	OFFSET ROD	3M	10	5000		1/7/2013
13	OPTICAL SQUIRE		1	450		1/7/2013
14	LINE RANGER		5	3250		1/7/2013
15	PLUMB BOB BRASS		5	3250		1/7/2013
16	PLUMB BOB		5	750		1/7/2013
17	PRISAMATIC COMPSS WITH STANG		1	2300		1/7/2013
18	CLINOMETER		1	1100		1/7/2013
19	U-FORK		1	450		1/7/2013
20	THROUGH COMPASS		1	250		1/7/2013
21	AUTOMATIC LEVEL WITH STAND ROYAL	KL-24	1	11000		1/7/2013
22	2" THEODOLITE WITH STAND DIGITAL ROYAL	2"	1	45000		1/7/2013
23	20" TRANSIT VERNIER THEODOLITE WITH STAND	20"	1	12500		1/7/2013
24	DIGITAL TECHOMETER		1	5500		1/7/2013
25	SPIRITLEVEL		1	150		1/7/2013
26	DUMPY LEVELWITH STAND		1	6500		1/7/2013

27	ALLUMINIUM LEVELING STAFF	4M	5	1100		1/7/2013
28	PLANIMETER	28"	1	1100		1/7/2013
29	PLANETABLE WITH STAND WITH ALL STAND SIGHTER		1	6500		1/7/2013
	Total Equipments		113			1/7/2013

Rai University Ahmedabad

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Computer Lab Details

S. No	Item	OLD	New	Total	Present Condition
1	Laptop	70	32	102	Working
2	PC	190	50	240	Working
3	CPU	0	64	64	Working
4	Printer	23	1	24	Working
5	Color Printer	0	1	1	Working
6	SWITCH (8 port)	2	11	13	Working
7	SWITCH(24 Port)	14	6	20	Working
8	SWITCH(16 Port)	3	0	3	Working
9	WIFI	12	1	13	Working
10	FAX MACHIN	2	2	4	Working
11	PROJECTOR	28	3	31	Working
12	PROJECTOR STAND	14	10	24	Working
13	UPS 600 VA	5	7	12	Working
14	CD PLAYER	1	2	3	Working
15	DATA CARD	12	4	16	Working
16	MODAM	1	0	1	Working
17	Bio Matrix Machine	2	0	2	Working
18	Speaker Small	5	33	38	Working
19	Pan Drive (8 Gb)	6	0	6	Working
20	Pan Drive (16 Gb)	0	2	2	Working
21	Projector Screen	6	0	6	Working
22	CCTV Camera	16	0	16	Working
23	DVR	1	0	1	Working
24	Regulator	1	0	1	Working
25	SMPS for DVR	1	0	1	Working
26	Switch Rack	5	0	5	Working
27	VGA Splitter 4 Point	1	0	1	Working
28	PPT Presenter	1	0	1	Working
29	Punching Tool	3	0	3	Working
30	Patch Panel 24 Port	6	0	6	Working
31	Cutter	2	0	2	Working
32	APC UPS 20 KVA	2	0	2	Working
33	Batteries + cables	64	0	64	Working
34	Batteries Stand	2	0	2	Working
35	VGA Cable For Projector	14	10	24	Working
36	Power Cable For Projector	14	10	24	Working
37	Crimping Tool Dlink	2	0	2	Working
38	Hard Disk 2 TB -External USB	1	0	1	Working
39	Head Phone Iball	60	0	60	Working
40	Mouse USB Logitech	21	16	37	Working
41	USB DVDRW Samsung	2	2	4	Working
42	KeyBoard old	37	27	64	Working
43	Lan Tester	2	0	2	Working
44	VGA Cable 5 mtr	2	0	2	Working
45	TFT	11	0	11	Working

46	Monitor	0	84	84	Working
47	Speaker Ahuja	6	0	6	Working
48	Amplifier	5	0	5	Working
49	Mic	3	0	3	Working
50	CAMERA STAND	0	1	1	Working
51	Scanner	2	1	3	Working
52	Wireless mic	4	0	4	Working
53	Camera	2	0	2	Working
54	handy Cam	1	1	2	Working
55	EPBX	1	0	1	Working
56	USB HDD 80 GB	1	0	1	Working
57	Mobile Phone	35	27	62	Working
58	Extension Board	72	71	143	Working
59	Landline phone	20	20	40	Working



Rai University
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Sports & Games Facilities for Students

Sport and Recreation:

RAI stands tall among competitors with the entire advanced sports infrastructure at campus. For the overall development of students as well as to take care of their physical, mental and social well being sports are must. All the sport activities at RAI University are conducted under supervision of chief sports coordinator. Sport calendar for the academic year is drawn by the chief sports coordinator. RAI University provides sports facilities for students with various indoor and outdoor games.

Various outdoor games:

Cricket

Athletics

Volleyball

Basketball

Football

Lawn Tennis, etc.

Various indoor games:

Badminton

Table Tennis

Carom

Chess, etc.



Rai University
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Information about the composition of the Stutory Bodies of the Rai University

Board of Governors - Rai University Ahmedabad			
S.No.	BOG	Name	Date of Joining
1	President	Mr. Varun Rai	14.04.2012
2	Provost	Dr. A. Sankara Reddy	24.04.2012
Nominated by Sponsoring Body			
3	2 Members	Mr. Anil Tomar	18.04.2012
		Mr. Gagan Oberoi	18.04.2012
	2 Educationists	Ms. Rupa Vasudevan	18.04.2012
		Dr. Hemant Patil	08.05.2013
4	2 Deans/Directors of the Constituent schools/Centers of University, nominated by Provost	Dr. Charu Acharya	24.04.2012
		Prof. Surinder Pal Singh	24.04.2012
5	1 Expert of Management /Technology outside of University nominated by President	Mr. R. P. Sharma	18.04.2012
6	3 Experts representating other disciplines		
	Finance	Mr Mukesh Kukreja	
	Legal	Mr. Shakeel Ahmad	21.04.2012
	Social	Mr. Anil Gosain	21.04.2012
7	Registrar	Dr. Kartik Jain	01.08.2013
8	Government Nominee	Ms Kirtida Bhrambhatt Joint Secretary (Services)	21.06.2013
9	Industrialist	Mr. Dhruv Agarwal	21.04.2012

Board of Management - Rai University Ahmedabad			
S.No.	BOM	Name	Date of Joining
1	President	Mr. Varun Rai	14.04.2012
2	Provost	Dr. A. Sankara Reddy	24.04.2012
3	2 Members of Governing Body to be nominated by Sponsoring Body	Dr. Charu Acharya	21.04.2012
		Mr. Anil Tomar	21.04.2012
4	2 Members who are not members of Governing Body nominated by Sponsoring Body	Ms. Anuradha Dhar	21.04.2012
		Mr. Akhil Jindal	21.04.2012
5	3 Faculty Members of the University nominated by Sponsoring Body	Mr. Hardik Nagar	21.04.2012
		Dr. Hemant Patil	08.05.2013
		Ms. Priyanka Raval	08.05.2013
6	1 Faculty Member nominated by President	Prof. Surinder Pal Singh	21.04.2012

Academic Council - Rai University Ahmedabad			
S.No	AC	Name	Date of Joining
1	Provost	Dr. A. Sankara Reddy	24.04.2012
2	Registrar	Dr. Kartik Jain	01.08.2013
3	4 members nominated by Governing Body or Provost	Dr. Charu Acharya	30.06.2012
		Prof. Surinder Pal Singh	30.06.2012
		Mr. Anil Tomar	30.06.2012
		Dr. Hemant Patil	08.05.2013



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Non - Teaching Staff

S.No.	Dept	Name	Designation	Qualification	DOB	DOA	Trained Yes/No	
1	Library	Manish Rathod	Assi. Librarian	M Phil, persuing PhD, Library Science	6/3/1987	4-Jun-12	Yes	
2		Ravi Jani	Librarian	Master in Library Science, PHD (Thesis Submitted)	23/05/1986	3-Feb-14	Yes	
3	IT	Anupam Upadhyay	Sr. System Admin.	Graduation, Diploma Course	5/14/1987	9-Jul-12	Yes	
4		Shaishav Prajapati	System Administrator	Graduation, Post Gradution (Pursuing)	10/22/1988	22-Jul-13	Yes	
5	Administration	Amit Kumar	Manager - Admin	Post Graduation	9/9/1983	11-Mar-13	Yes	
6		Hiral Shah	Front Desk executive	M.com, PGDHRM	3/6/1982	14-Oct-13	Yes	
7		Manish Parekh	Executive	B.com, M.com	6/7/1988	7-Apr-14	Yes	
8		A. SANKARA REDDY	PROVOST	PHD	1-Jul-43	5/1/2012	Yes	
9		CHARULATA ACHARYA	DEPUTY PROVOST	PHD	6-Dec-81	6/1/2012	Yes	
10		KARTIK JAIN	REGISTRAR	PHD	3/Aug/77	8/1/2013	Yes	
11		NISHA KISHOR KANOJIA	ASSISTANT GENERAL MANAGER	BA	11/Oct/83	5/1/2013	Yes	
12		KULDEEP SINGH BHOGAL	CONSULTANT	GRADUATE	11/Oct/74	5/1/2013	Yes	
13		DINESH PATIL	EXECUTIVE	12th	6/May/75	5/1/2013	Yes	
14		HARESHWAR SHANIWAR KOLI	OFFICE ASSISTANT	9th	25/Jan/83	5/1/2013	Yes	
15		Rahul Bhatiya	Officer	B.com	7/6/1984	27-Mar-14	Yes	
16		Yogindra Singh	Sr.Executive-Admin	Matric	7/1/1980	9-Jul-12	Yes	
17		Marketing	Netal Sabhani	Executive	BBA, MbA (Pur.)	10/23/1990	3-Mar-14	Yes
18			ANIL TOMAR	DIRECTOR	B.COM, MBA	11/20/1979	7/1/2012	Yes
19	Vikram Gohil		Executive	B.com, MBA(Mktg-Pur.)	3/6/1983	10-Feb-14	Yes	
20	Placement	Krishnendu Sinha	Manager	Post Graduation Diploma	2/1/1984	6-Sep-13	Yes	

21	HR	Sweta Jaiswal	Executive	MLW, B.Com	9/17/1986	29-Aug-13	Yes
22	Accounts	Brijesh Gupta	Sr.Accountant	M Com	5/6/1958	1-Jun-12	Yes
23		Gurjeetsing Sahota	Executive	M.com, C.A Inter	7/14/1988	13-Sep-13	Yes
24		Manojkumar Ramanuj					Yes
25		PUSHKAR SINGH	ACCOUNTANT	M.COM	10/25/1980	4/1/2014	Yes
26		MUKESH KUMAR	MANAGER ACCOUNTS	B.COM	8/2/1981	1/1/2013	Yes
27		RAJ KUMAR GUPTA	DY. GENERAL MANAGER	B.COM	10/13/1954	5/1/2013	Yes
28		KALPANA S GUPTA	GENERAL MANAGER	B.COM		5/1/2013	Yes
29		DEEPAK BHATOSE	ASST. MANAGER - A/c's		6/12/1983	5/1/2013	Yes
30		DURGA DUTT PANDEY	MANAGER - HR	B.A	12/28/1976	1/1/2013	Yes
31		Premchand Chavda	Sr. Executive	B.com,LLB (2nd)	8/12/1964	3-Apr-14	Yes
32		Satyaprakash Rai	Accountant	Graduation , Diploma Course	12/15/1984	30-May-13	Yes
33		Peon	Ankit Bhatt	Peon	Graduation	3/31/1987	17-Apr-14
34	Baldev J Parekh		Peon	8th	7/19/1989	16-Apr-14	Yes
35	Dharmesh Vasava		Peon	10th	5/2/1991	1-Jul-12	Yes
36	Mehul Sharma		Peon	12th, ITI	7/31/1990	1-Aug-13	Yes
37	Nileshkumar joshi		Peon	8th	10/25/1976	27-Mar-14	Yes
38	Rajubjai V Raval		Peon	12th	10/02/1886	2-Apr-14	Yes
39	Sanjay Solanki		Peon	10th	3/11/1995	1-Aug-13	Yes
40	Sanjaykumar P. Maheriya		Peon	9th	11/24/1984	1-Jul-12	Yes
41	Sanjaykumar C Bhoi		Peon	7th	27/10/1989	1-Apr-14	Yes
42	Vijay Zala		Peon	12th, ITI	7/3/1988	15-Jul-13	Yes
43	Bus Helper	Ashok	Bus Helper	10th	6/29/1979	5-Aug-13	Yes
44		Digvijay sinh	Bus Helper	7th	7/26/1991	6-Jul-13	Yes
45		Jayendrasinh A Chavda	Bus Helper	3rd	10/4/1984	20-Dec-13	Yes
46		Kallpesh Patni	Bus Helper	7th	2/5/1983	7-Mar-14	Yes
47		Raineesh	Bus Helber	10th	1/14/1984	5-Aug-13	Yes

48		Rajesh K dodiya	Bus Helper	10th	12/13/1990	20-Dec-13	Yes
49		Virendra Parmar	Bus Helper	Diploma in Comp. Hardware & Networking	5/23/1992	13-Mar-14	Yes
50	Gardner	Babubhai Chauhan	Gardner	9th	6/1/1978	21-Dec-12	Yes
51		Becharaji Bhatiji Thakor	Gardner	9th	1/1/1970	1-Jul-12	Yes
52		Dineshbhai D. Maheria	Gardner	9th	6/1/1969	1-Jul-12	Yes
53		Yogesh	Gardner	10th	11/14/1976	6-Aug-13	Yes
54	House Keeping	Anil kumar Vaghela	Sweeper	10th	7/15/1990	14-Aug-12	Yes
55		Bipinkumar Mheriya	Sweeper	9th	05/04/1987	1-Mar-14	Yes
56		Chandrikaben K Shrimali	Sweeper	10th	01/06/1977	2-Apr-14	Yes
57		Dineshbhai K. Maheria	Sweeper	10th	5/31/1973	12-May-13	Yes
58		Gitaben Purabiya	Sweeper	7th	6/20/1984	1-Aug-12	Yes
59		Hetalben H. Panchal	Sweeper	4th	11/11/1979	1-Aug-12	Yes
60		Jagdish Maheria	Sweeper	8th	12/14/1985	6-Aug-13	Yes
61		Jashwant I. Vaghela	Sweeper	8th	1/7/1981	17-Aug-12	Yes
62		Jayantibhai Pandya	Sweeper	8th	6/1/1983	13-Aug-13	Yes
63		Jitendra G. Vaghela	Sweeper	7th	10/18/1992	14-Aug-12	Yes
64		Kapila Parmar	Sweeper	8th	7/1/1981	17-Jul-13	Yes
65		Khengarbhai M Zala	Sweeper	10th	10/28/1982	1-May-14	Yes
66		KONDI JANYA KATKARI	HOUSE KEEPING			5/1/2013	Yes
67		Mina Makvana	Sweeper	10th	1/1/1979	17-Jul-13	Yes
68		Nagin Maheria	Sweeper	10th	12/4/1982	6-Aug-13	Yes
69		Naresh	Sweeper	7th	4/7/1993	12-Aug-13	Yes
70		Pankaj Vaghela	Sweeper	8th	11/11/1982	7-Oct-12	Yes
71		Ramjibhai N Rathod	Sweeper	10th	6/1/1972	12-Nov-13	Yes
72		Saveetaben B Chavada	Sweeper	7th	1/9/1981	2-Apr-14	Yes
73			Anop Sinh	Driver	10th	10/8/1976	3-Aug-13
74					7/10/1977	5-Aug-13	Yes

75		Bhupat Bhai	Driver	9th	6/1/1955	28-Jul-13	Yes
76		Chandra Sinh	Driver	10 th	3/1/1976	1-Aug-13	Yes
77		Chintan Patel	Driver	10th	10/10/1984	1-Apr-13	Yes
78		Dineshbhai A. Maheria (Driver)	Driver	10th	3/3/1977	13-Jul-12	Yes
79		Jaydipsinh Masani	Bus Helper	11th	7/21/1989	3-Sep-13	Yes
80		Kalpesh	Driver	7th	7/12/1985	2-Aug-13	Yes
81	Driver	KAILASH CHAND JOSHI	DRIVER	7th	6/15/1972	4/1/2014	Yes
82		RAJ KUMAR	DRIVER			4/1/2014	Yes
83		SANJAY MORE	DRIVER	8th	3/1/1970	5/1/2013	Yes
84		RAUF RASHID KAZI	DRIVER	SSC	12/4/1994	12/2/2013	Yes
85		Kiran sinh	Driver	10th	11/28/1975	4-Jul-13	Yes
86		Madansign Skhatavata	Driver	-	12/5/1955	1-May-12	Yes
87		Mahendrasingh Vaghela	Driver	10th	5/7/1987	1-Apr-13	Yes
88		Nilesh	Bus Helper	Graduation	7/11/1992	5-Aug-13	Yes
89		Sanjay Masani	Driver	Graduation	2/22/1987	1-Apr-13	Yes
90		Shailesh	Driver	10th	3/23/1981	2-Aug-13	Yes
91		Santosh Kumar	Senior Admin Exicutive	Intermediate	3/1/1970	2-Jul-12	Yes
92		Anand Singh Rawat	Assi. Cook	12th	6/30/1984	7-Sep-12	Yes
93		Atmaram M. Thakor	Cook	8th	6/1/1964	20-Nov-13	Yes
94		Balwantkumar Raval	Canteen Helper	10th	10/26/1978	27-Jan-14	Yes
95		Bharatbhaim Solanki	Canteen Helper	7th	10/19/1996	27-Jan-14	Yes
96		Devendra Singh	Canteen Helper	Graduation Pursuing	12/15/1988	8-Nov-12	Yes
97		Dinesh Chandra	Canteen Helper	9th	11/30/1989	20-Feb-13	Yes
98		Dipchandra	Canteen Helper	5th	8/10/1993	21-Jul-13	Yes
99		Dilipkumar Solanki	Counter Boy	9th	10/17/1991	27-Jan-14	Yes
100		Gautambhai	UT Boy	4th	2/26/1970	26-Jul-13	Yes
101		Gvanendra Kumar	Peon	10th	10/2/1989	9-Jul-12	Yes

102	Kitchen Staff	Ishvar Zala	UT Boy	6th	6/1/1969	1-Aug-13	Yes
103		Jayeshbhai Solanki	Cleaner	9th	10/18/1994	1-Jul-12	Yes
104		Laxman Pandya	UT Boy	6th	1/2/1978	2-Aug-13	Yes
105		Manasukhbhai	UT Boy	12th	3/15/1971	26-Jul-13	Yes
106		Manish	Counter Boy	10th	6/10/1989	26-Jul-13	Yes
107		Mamtesh Kumar	Helper	7th	2/2/1989	1-Aug-13	Yes
108		Pravin Manibhai Raval	Helper	7th	6/14/1990	14-Nov-13	Yes
109		Pravin Singh Chauhan	Bus Helper	11th	19-11-1991	14-Sep-12	Yes
110		Rameshbhai Raval	Counter Boy	6th	8/19/1981	8-Aug-13	Yes
111		Shivkumar	Asst. Cook	12th	2/22/1983	7-Nov-12	Yes
112		Satish	Helper	8th	1/8/1988	1-Aug-13	Yes
113		Suresh Raval	Counter Boy	10th	8/20/1994	1-Sep-13	Yes
114		Udayaveer	Cook	10th	1/1/1985	26-Jan-14	Yes
115		Construction Staff	Mr. Arvind Tiwari	Sr. Manager	10th, ITI-Electrical	4/3/1974	1-Dec-10
116	Hurji Dodiya		Civil Mason	8TH	10/10/1989	22-Feb-14	Yes
117	Mr. Janmejaya Samal		Sr. Site Supervisor	10th	8/4/1981	1-Dec-10	Yes
118	Khima Dodiya		Civil Helper	5th	12/25/1994	1-Mar-14	Yes
119	Luniya Dabi		Civil Helper	-	10/18/1990	22-Feb-14	Yes
120	Puranchand Biarwa		Civil Mason	10th	6/2/1955	3-Dec-13	Yes
121	Ramjilal Bairwa		Civil Mason	8th	2/8/1960	7-Jan-14	Yes
122	Rakesh Rawalia		Supervisor		12/27/1964	7-Jan-14	Yes
123	Carpenter	Ashok Suthar	Carpenter	10th	10/20/1975	25-May-13	Yes
124		Anilkumar sharma	Carpenter	8th	2/16/1976	22-Feb-14	Yes
125	Painter	Fulabhai Prajapati	Painter	8th	6/1/1962	21-Sep-13	Yes
126		Hareeshchand Chauhan	Painter	8th	1/25/1988	1-Feb-14	Yes
127		Kantibhai Thakor	Painter	5th	3/1/1956	1-Dec-13	Yes
128		Chandankumar Jena	Plumber	10th	7/5/1992	3-Mar-14	Yes

129	Plumber	Pitabas Rautaray	Plumber	Graduation	4/2/1987	5-Aug-12	Yes
130		Ranjankumar Khatua	Plumber	10th	02/05/1980	3-Dec-13	Yes
131		Sunil Shah	Plumber	8th	8/12/1988	3-Dec-13	Yes
132	Electrician	Dhaval P Rami	Electrician	ITI	6/29/1988	25-Nov-13	Yes
133		Habibullakhan Pathan	Electrician	ITI	1/1/1986	25-Nov-13	Yes
134		Mitesh Patel	Electrician	12th, ITI	8/15/1988	16-Nov-12	Yes
135		Prateek Rana	Electrician	S.S.C, ITI	12/9/1992	3-Aug-13	Yes
136		Shahnavaj Mansuri	Electrician	S.S.C, ITI	1/11/1986	6-May-13	Yes
137	Security	Amresh Kumar	Security Guard	10th	10/15/1985	26-Nov-13	Yes
138		Bireendar Sharma	Security Guard	10th	10/7/1989	1-Dec-12	Yes
139		Chandeshwar Thakur	Security Guard	12th	1/3/1969	7-Sep-13	Yes
140		Dilipkumar Makwana	Security Guard	12th	6/1/1980	7-Jan-12	Yes
141		DEEPAK SHARMA	SECURITY GUARD	10th		12/15/2012	Yes
142		CHANDRA KISHORE UPADHYAY	SECURITY GUARD	10th		3/13/2013	Yes
143		ASHOK KUMAR	SECURITY GUARD	12th	5/20/1970	5/1/2013	Yes
144		JADHAV SUHAS VISHNU	SECURITY GUARD	SSC	7/24/1965	5/1/2013	Yes
145		Harish Bist	Security Guard	8th	3/23/1978	8-Jan-12	Yes
146		Jitendra Singh	Security Guard	10th	6/23/1978	8-Nov-13	Yes
147		Kaminiben Upadhyay	Girls Hostel Guard	9th	2/6/1976	18-Aug-12	Yes
148		Keshab Bisht	Security Guard	10th	2/26/1972	4-Jul-13	Yes
149		Naresh bist	Security Guard	10th	3/11/1978	10-Feb-14	Yes
150		Rajneet Kumar	Security Guard	10th	3/1/1975	28-Jul-13	Yes
151		Tej Prakash	Security Guard	9th	8/10/1991	1-Aug-13	Yes
152		Vishamber singh	Senior Guard	12th	3/5/1986	7-Jan-12	Yes
153		Consultant	Dr. Hitendra Patel				
154	PRADEEP PUROHIT		CONSULTANT			24-Jun-13	Yes



Rai University
EVOLVING THINKING MINDS

Ahmedabad

Annexure - 1



सत्यमेव जयते

The Gujarat Government Gazette

EXTRAORDINARY

PUBLISHED BY AUTHORITY

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Separate paging is given to this part in order that it may be filed as a Separate Compilation.

PART IV

Acts of Gujarat Legislature and Ordinance Promulgated
and Regulations made by the Governor.

The following Act of the Gujarat Legislature, having been assented to by the Governor on the 7th July, 2009 is hereby published for general information.

H. D. VYAS,
Secretary to the Government of Gujarat,
Legislative and Parliamentary Affairs Department.

GUJARAT ACT NO. 8 OF 2009.

(First published, after having received the assent of the Governor, in the "Gujarat Government Gazette", on the 7th July, 2009).

AN ACT

to provide for establishment and incorporation of private Universities in the State of Gujarat, with emphasis to provide for qualitative and industry relevant higher education and to regulate their functions and for the matters connected therewith or incidental thereto.

It is hereby enacted in the Sixtieth Year of the Republic of India as follows :-

CHAPTER I

PRELIMINARY

1. (1) This Act may be called the Gujarat Private Universities Act, 2009. Short title, extent and commencement.
- (2) It extends to the whole of the State of Gujarat.
- (3) It shall come into force on such date as the State Government may, by notification in the *Official Gazette*, appoint.

Definitions. 2. In this Act, unless the context otherwise requires,-

- (a) "AICTE" means All India Council for Technical Education established under section 3 of the All India Council for Technical Education Act, 1987; 52 of 1987.
- (b) "CSIR" means the Council of Scientific and Industrial Research, New Delhi, a funding agency of the Central Government;
- (c) "distance education" means imparting of education through any means of communication, such as broadcasting, telecasting, correspondence courses, seminars, contact programmes or the combination of any two or more of such means;
- (d) "DST" means the Department of Science and Technology of the Central Government;
- (e) "Fee" means collection made by the University from the students for different purposes under different heads and which is non-refundable;
- (f) "Government" means the Government of Gujarat;
- (g) "Higher Education" means study of a curriculum or course for the pursuit of knowledge beyond 10+2 level;
- (h) "Hostel" means a place of residence for the students of the University, or its colleges, institutions or centers, maintained or recognised to be as such by the University;
- (i) "ICAR" means the Indian Council of Agricultural Research, a society registered under the Societies Registration Act, 1860; XXI of 1860.
- (j) "MCI" means Medical Council of India constituted under the Medical Council Act, 1956; 102 of 1956.
- (k) "NAAC" means the National Council of Assessment and Accreditation, an autonomous institution of the UGC;
- (l) "NCTE" means the National Council for Teacher Education established under the National Council for Teacher Education Act, 1993; 73 of 1993.
- (m) "Off Campus Centre" means a centre established by the University outside the main campus but within the State of Gujarat operated and maintained as its constituent unit, having the University's complement of facilities, faculty and staff;
- (n) "PCI" means Pharmacy Council of India constituted under section 4 of the Pharmacy Act, 1948; 8 of 1948.
- (o) "prescribed" means prescribed by rules made under this Act;
- (p) "Regulatory Body" means a body established by the Central Government, for laying down the norms and conditions for ensuring

academic standards of higher education, such as UGC, AICTE, NCTE, MCI, PCI, NAAC, ICAR, DEC, CSIR;

- (q) "Regulations" means regulations made by any authority of the University under section 30;
- (r) "Rules" means rules made under section 44;
- (s) "Schedule" means the Schedule appended to this Act;
- (t) "Sponsoring body" in relation to a University established under this Act means-
- (i) a society registered under the Societies Registration Act, 1860; or 21 of 1860.
 - (ii) a public trust registered under the Bombay Public Trusts Act, 1950; or Bom. 29 of 1950.
 - (iii) a company registered under section 25 of the Companies Act, 1956; or 1 of 1956.
 - (iv) a society or trust registered under the law of any other State;
- (u) "Statutes" and "Ordinances" means the Statutes and the Ordinances of the University;
- (v) "Student" means a student of the University and includes any person enrolled in the University for pursuing any course of study for a degree, diploma or other academic distinction duly instituted by the University, including a research degree;
- (w) "Study centre" means a centre established, maintained or recognised by the University for the purpose of advising, counseling or for rendering any other assistance required by the students in the context of distance education in the State of Gujarat;
- (x) "Teacher" means a Professor, Reader, Lecturer or any other person required to impart education or to guide research or to render guidance in any other form to the students for pursuing a course of study of the University;
- (y) "UGC" means the University Grants Commission established under section 4 of the University Grants Commission Act, 1956; 3 of 1956.
- (z) "University" means a University established and incorporated under section 3.

CHAPTER II

ESTABLISHMENT OF UNIVERSITY

**Establishment
and
incorporation of
Universities.**

3. (1) There shall be established the Universities by the names mentioned in the Schedule.

(2) The headquarters of the University shall be within the State of Gujarat and shall be notified by the State Government.

(3) The Governing Body, the Board of Management, the Academic Council, the President, the Provost, the Registrar, the teachers, the Chief Finance and Accounts Officer and such other officers or members or authorities so long as they continue to hold such office or membership of the respective University mentioned in the Schedule are hereby constitute a body corporate by the name of the respective University specified in the Schedule.

(4) The Universities shall function as non-affiliating Universities and they shall not affiliate any other college or institution for the conferment of degree, diploma and for grant of certificate to the students admitted therein.

(5) The constituent colleges and institutions of the Sponsoring Body affiliated to and enjoying the privileges of any University immediately before the commencement of this Act shall cease to be affiliated from that University and shall be deemed to be withdrawn from such privileges from the date of commencement of this Act and shall be deemed to be admitted to the privileges of corresponding University of the respective Sponsoring Body specified in the Schedule and all such colleges and institutions shall be the constituents colleges and institutions of that University.

(6) Each such University shall be a body corporate by the name specified in the Schedule and shall have perpetual succession and common seal with power, subject to the provisions of this Act, to acquire and hold property, to contract and shall, by the said name, sue or be sued.

(7) The Universities shall not receive any grant-in-aid or other financial assistance from the State Government or the Central Government.

**Objects of
University.**

4. The objects of the Universities shall be to create, organize, preserve and disseminate knowledge in the fields of science, technology, humanities, social sciences, education, management, commerce, law, pharmacy, healthcare and any other field for the advancement of mankind in particular and other objects of the Universities shall be as follows, namely :-

- (a) to provide for instruction, teaching and training in the University in the field of higher education and make provisions for research, advancement and dissemination of knowledge;
- (b) to establish, maintain and manage institutions and centres of excellence, to create, organize, preserve and disseminate knowledge

in the fields of sciences, technology, humanities, social sciences, education, management, commerce, law, pharmacy, healthcare and any other field and to provide research, higher education, professional education, distance learning and e-learning facilities of high order, as per their current status or as they may develop in future;

- (c) to develop infrastructure for research, higher education, professional education, teaching, training, extension and outreach, including continuing education, distance learning and e-learning, to create capabilities for upgrading infrastructure to global standards;
- (d) to offer the academic programmes of the University through distance education, online education, correspondence and any other mode matching with the environmental developments such as technology need, after obtaining appropriate approvals from the regulatory bodies;
- (e) to set up off-campus centres, study centres and examination centres within the State, subject to the permission of the regulatory bodies under any law made by the Parliament and any regulation, rules, etc. made by the regulating bodies;
- (f) to create higher levels of intellectual abilities;
- (g) to establish state of the art facilities for education and training;
- (h) to carry out teaching and research and offer continuing education programmes;
- (i) to create centres of excellence for research and development and for sharing knowledge and its application;
- (j) to provide consultancy to the industry and public organisations;
- (k) to establish main campus or infrastructure in the State of Gujarat necessary for the furtherance of its objects;
- (l) to establish examination centers;
- (m) to confer degrees, diplomas, grant certificates and other academic distinctions on the basis of examination or any other method of evaluation subject to the guidelines of the UGC;
- (n) to develop training facilities in the field of higher education;
- (o) to provide for arrangement for national and global participation in the field of higher education;
- (p) to develop educational programmes for certificates, diplomas, degrees and post-graduates courses, doctorate degrees and post-doctoral programmes and to maintain a high standard of education,

to collaborate with national and global institutions, to offer programmes and to create capabilities for upgrading programmes to the global standards subject to the guidelines of the UGC;

- (q) to ensure that the standard of the degrees, diplomas, certificates and other academic distinctions are not lower than those laid down by AICTE, NCTE, UGC, MCI and Pharmacy Council, and any other similar agency established by the Central Government for regulating the standard education;
- (r) to establish close linkage with the industry, business, educational institutions and other sections of the society to make teaching, research, training, documentation, publication, use of various media and outreach activities at the University relevant to the needs of the University and society, at national and international level;
- (s) to pursue any other objectives as may be approved by the State Government :

Provided that notwithstanding anything contained in this Act and save as provided in any Central Act, the University shall be eligible to undertake the functions of disseminating of knowledge only in the fields for which the State Government has issued letter of intent or in the fields subsequently approved by the State Government.

Powers and functions of University.

5. The University shall exercise the following powers and perform the following functions, namely:-

- (i) to administer and manage the University, establish, administer and manage its constituent colleges and centres for research, education, training, extension and outreach including continuing education, distance learning and e-learning at its campus within the State of Gujarat;
- (ii) to provide for research, higher education, professional education, teaching, training, extension and outreach including continuing education, distance learning and e-learning in the fields of science, technology, humanities, social sciences, education, management, commerce, law, pharmacy, healthcare and any other fields;
- (iii) to conduct innovative experiments in educational technologies, teaching and learning methods, to collaborate with national and international institutions and to offer joint programmes with such institutes to constantly improve the delivery of education and to achieve international standards of education;
- (iv) to prescribe courses, curricula and methodologies including electronic and distance learning and provide for flexibility in the delivery of education.
- (v) to hold examinations and confer degrees, diplomas or grant certificates and other academic distinctions or titles on persons

subject to such condition as the University may determine and to withdraw or cancel any such degrees, diplomas or certificates and other academic distinctions or titles in the manner prescribed by the Regulations;

- (vi) to confer honorary degrees or other distinctions in the manner prescribed by the Statutes;
- (vii) to establish schools, centers, institutes, colleges and conduct the programmes and courses of study as are in the opinion of the University, necessary for the furtherance of its objects;
- (viii) to declare as a constituent college any college, centre institution imparting education as are in the opinion of the University, necessary for the furtherance of its objects or to establish a new constituent college, centre institution for the purpose;
- (ix) to provide for printing, publication and reproduction of research, educational material and other works and to organize exhibitions, conferences, workshops and seminars;
- (x) to establish knowledge resource centre;
- (xi) to sponsor and undertake research and educational programmes in the fields of science, technology, humanities, social sciences, education, management, commerce, law, pharmacy, healthcare and any other allied areas;
- (xii) to collaborate or associate with any educational institution with like or similar objects;
- (xiii) to establish campuses including virtual campus for the purpose of achieving the objectives of the University;
- (xiv) to undertake research and to obtain registration in respect of such research in the nature of patents, design rights and such or similar rights with the competent authorities;
- (xv) to maintain linkages and collaborate with educational or other institutions in any part of the world having objects wholly or partially similar to those of the University, through exchange of students, researchers, faculty and staff and generally in such manner as may be conducive to their common objects;
- (xvi) to render services of research, training, consultancy and such other services as required for the purposes of the University;
- (xvii) to develop and maintain relationships with faculty, researchers, administrators and domain experts in science, technology, humanities, social sciences, education, management, law,

- commerce, pharmacy, healthcare and allied area for achieving the objects of the University;
- (xviii) to regulate the expenditure and to manage the finances and to maintain the accounts of the University;
- (xix) to receive funds, movable and immovable properties, equipments, software and other resources from business, industry, other sections of society, national and international organization or any other source by transfers or as gifts, donations, benefactions or bequests for the purposes and objects of the University;
- (xx) to establish, maintain and manage halls, hostels for students and quarters for the residence of faculty and staff;
- (xxi) to construct, manage and maintain centers, complexes, auditorium, buildings, stadium for the advancement of sports, cultural, co-curricular and extra-curricular activities;
- (xxii) to supervise and control the residence and regulate the discipline of students, faculty and staff of the University and to make arrangements for promoting their health, general welfare, social and cultural activities;
- (xxiii) to fix, demand and receive or recover fees and such other charges as may be prescribed by the Statutes;
- (xxiv) to institute and award fellowships, scholarships, prizes, medals and other awards;
- (xxv) to purchase or to take on lease or accept as gifts, bequests, legacies or otherwise any land or building or works which may be necessary or convenient for the purpose of the University and on such terms and conditions as it may think fit and proper and to construct or alter and maintain any such building or works;
- (xxvi) to sell, exchange, lease or otherwise dispose of all or any portion of the properties of the University, movable or immovable, on such terms as it may think fit and consistent with the interest, activities and objects of the University;
- (xxvii) to draw and accept, to make and endorse, to discount and negotiate promissory notes, bills of exchange, cheques and other negotiable instruments;
- (xxviii) to raise and borrow money on bond, mortgages, promissory notes or other obligations or securities founded or based upon all or any of the properties and assets of the University or without any securities and upon such terms and conditions as it may think fit and to payout of the funds of the University, all expenses

- incidental to the raising of money, and to repay and redeem any money borrowed;
- (xxix) to invest the funds of the University in or upon such securities and transpose any investment from time to time in such manner as it may deem fit in the interest of the University;
- (xxx) to execute conveyances regarding transfers, mortgages, leases, licenses, agreements, and other conveyances in respect of property, movable or immovable including Government securities belonging to the University or to be acquired for the purpose of the University;
- (xxxi) to admit students for the courses offered by the University in the manner prescribed by the Ordinances;
- (xxxii) to create academic, technical, administrative, ministerial and other posts prescribing qualifications by the Ordinances and to make appointments thereto;
- (xxxiii) to regulate and enforce discipline among the students, employees of the University and to provide for such disciplinary measures as may be prescribed by the Regulations;
- (xxxiv) to institute professorships, associate professorships, assistant professorships, readerships, lectureships, and any other teaching, academic or research posts and to prescribe by the Statutes, the qualifications for the persons to be appointed on such posts;
- (xxxv) to appoint qualified persons as professors, associate professors, assistant professors, readers, lecturers or as teachers and researchers or other officers of the University;
- (xxxvi) to co-operate with other Universities, and acquire membership of, bodies, authorities, or associations, which may have been formed for the advancement of learning, science or research, or for the dissemination of knowledge or for the physical and moral welfare of students, in such manner and for such purpose as the University may determine by Statutes;
- (xxxvii) to delegate all or any of its powers (except the power to make regulations) to any officer or authority of the University, and;
- (xxxviii) to do all such acts and things as the University may consider necessary conducive or incidental to the attainment or enlargement of all or any of the objects of the University.

Application for
establishment of
new private
University.

6. Any sponsoring body desirous to have a private University established by a law of the State legislature, shall make an application containing the proposal and the project report in such manner containing such particulars along with such fee as may be prescribed.

Project Report.

7. In addition to the particulars as may be prescribed under section 6 and this section, the project report shall contain the following, namely:-

XXI of 1960.
Bom. 29 of 1950.
I of 1956.

- (a) The details of the sponsoring body along with the copies of its registration certificate under the Societies Registration Act, 1860 or the Bombay Public Trusts Act, 1950 or the Companies Act, 1956 or registration certificate of a society or trust registered under the law of any other State and constitution and bye-laws thereof;
- (b) The information regarding financial resources of the sponsoring body along with audited accounts for the past five years;
- (c) The name, location and headquarters of the proposed University;
- (d) The objectives of the University;
- (e) The availability of land and details of buildings and infrastructure facilities, if already exist;
- (f) Availability of academic facilities including teaching and non-teaching staff, if any, at the disposal of the sponsoring body;
- (g) The details of plans for campus development such as construction of buildings, development of structural amenities and infrastructure facilities and procurement of equipment, etc. to be undertaken before the University starts functioning and phased programme for initial three years;
- (h) The phased outlays of capital expenditure proposed for the next three years and its sources of finance;
- (i) The nature and type of programmes of study and research proposed to be undertaken by the University and their relevance to the development goals and employment needs of the State and phasing of such programmes over the initial three years with course wise enrolment targets;
- (j) The experience and expertise in the concerned disciplines at the command of the sponsoring body;
- (k) The nature of facilities, courses of study and research proposed to be started;
- (l) The estimated recurring expenditure course-wise or activity-wise, sources of finance and estimated expenditure per student;

- (m) The scheme for mobilizing resources and the cost of capital thereto and the manner of repayment to such sources;
- (n) The scheme for the generation of funds internally through the recovery of fee from students, revenues anticipated from consultancy services and other activities relating to the objects of the University, and other anticipated incomes;
- (o) The proposed fee structure with reference to the details of expenditure on unit cost and the extent of concessions or rebates in fee or free-ships and scholarships to the poor students from economically poor or socially backward families, including Scheduled Castes, Scheduled Tribes, other Backward Classes and handicapped students;
- (p) The system proposed to be followed for selecting students for admission to the courses of study at the University except in cases of Professional Educational College or Institutions as defined in the Gujarat Professional Technical Educational Colleges or Institutions (Regulation of Admission and Fixation of Fees) Act, 2007 or the Gujarat Professional Medical Educational Colleges or Institutions (Regulation of Admission and Fixation of Fees) Act, 2007;
- (q) The manner for appointment of teachers and other employees in the University;
- (r) The details of study centres proposed to be started, if the University takes up distance education programme;
- (s) The nature of specialized teaching, training or research activities to be undertaken by the University so as to fulfill its objectives, if the University proposes to undertake some programmes related to local needs;
- (t) The relevant details must also be provided if the University proposes to start some programmes for the benefit of farmers, women and industries;
- (u) The details of play grounds and other facilities available or proposed to be created for games and sports and extra curricular activities like National Cadet Corps, National Service Scheme, Scouts and Guides, etc.;
- (v) The arrangements proposed to be made for academic auditing;
- (w) Justification regarding the necessity of establishment of the proposed University;
- (x) Commitment to follow the norms of the regulating bodies;
- (y) Such other details as the sponsoring body may like to give;
- (z) Such other details as may be prescribed.

Guj. 2 of 2008.

Guj. 3 of 2008.

- Scrutiny Committee.** 8. (1) The Government shall constitute a scrutiny committee consisting of such members as may be specified by it to consider the proposals for setting up of a new private University.
- (2) The committee shall consider the proposal and the project report based on the information given under sections 6 and 7 and recommend or otherwise whether the proposal to set up a new private University is appropriate and whether the sponsoring body is competent to run this University.
- (3) The committee, while considering the proposal and the project report under sub-section (2), may call for such other information from the sponsoring body as it thinks proper for the purpose.
- (4) The committee shall submit its report to the Government as far as possible within a period of three months from the date of referring the new proposal to it.
- Letter of intent.** 9. On receipt of the report of the scrutiny committee constituted under section 8, if the Government is satisfied it may issue a letter of intent or call further details from the sponsoring body of the proposed University, or may reject the proposal.
- Establishment and incorporation of University by legislation.** 10. If the Government is satisfied that the sponsoring body has complied with the conditions of Letter of Intent, it may bring appropriate legislation for inclusion of the name of the University in the Schedule with such name, location and jurisdiction as specified in the Schedule.
- Constituent Colleges.** 11. The University may, as and when it may deem fit and proper, establish and manage some constituent colleges and centres for research, education, training, extension and outreach including continuing education, distance learning and e-learning at its campus at any place within the State of Gujarat.
- University open to all irrespective of sex, religion, class, creed or opinion.** 12. (1) No person shall be excluded from any office of the University or from membership of any of its authorities or from admission to any degree, diploma or other academic distinction or course of study on the ground of sex, race, creed, class, caste, place of birth, religious belief or political or other opinion.
- (2) It shall not be lawful for the University to impose on any person any test whatsoever relating to sex, race, creed, caste, class, place of birth, religious belief or political or other opinion in order to entitle him to be admitted as a student or to hold any office or post in the University or to qualify for any degree, diploma or other academic distinction or to enjoy or exercise any privileges of the University or any benefaction thereof.

CHAPTER III OFFICERS OF UNIVERSITY

- Officers of University.** 13. The following shall be the officers of the University, namely:-
- (a) The President;
 - (b) The Provost;

- (c) The Registrar;
- (d) The Chief Finance and Accounts Officer; and
- (e) such other officers as may be declared by the Statutes to be the officers of the University.

14. (1) The President shall be appointed by the sponsoring body, in consultation with the State Government, for a period of three years by following such procedure and on such terms and conditions as may be prescribed by the Statutes. President.
- (2) The President shall be the head of the University.
- (3) The President shall preside at the meetings of the Governing Body and at the convocation of the University for conferring degrees, diplomas or other academic distinctions and in his absence by any other member of the Governing Body nominated by it.
- (4) The President shall have the following powers, namely:-
- (a) to call for any information or record;
 - (b) to appoint the Provost;
 - (c) to remove the Provost in accordance with the provisions of sub-section (6) of section 15;
 - (d) such other powers as may be prescribed by the Statutes.

15. (1) The Provost shall be appointed by the Governing Body out of the panel of three persons recommended by the Search Committee consisting of the following members, and shall, subject to the provisions of sub-section (6), hold office for a term of three years :- Provost.
- (i) an eminent professional to be nominated by the Board of Management;
 - (ii) an eminent educationalist to be nominated by the Board of Management; and
 - (iii) one member of the Board of Management to be nominated by the President :

Provided that, after expiry of the term of three years, a person shall be eligible for re-appointment for another term of three years:

Provided further that a Provost shall continue to hold the office even after expiry of his term till new Provost take charge of the office, but in any case this period shall not exceed one year :

Provided also that the President may appoint first Provost for a period of one year or until the regular Provost is appointed under this section whichever is earlier.

- (2) The Provost shall be the principal executive and academic officer of the University and shall exercise general superintendence and control over the affairs of the University and shall execute the decisions of various authorities of the University.

(3) Where in the opinion of the Provost it is necessary to take immediate action on any matter for which powers are conferred on any other authority by or under this Act, he may take such action as he deems necessary and shall at the earliest opportunity thereafter report his action to such officer or authority as would have in the ordinary course dealt with the matter:

Provided that if in the opinion of the concerned officer or authority such action should not have been taken by the Provost then such case shall be referred to the President, whose decision thereon shall be final:

Provided further that where any such action taken by the Provost affects any person in the service of the University, such person shall be entitled to prefer, within three months from the date on which such action is communicated to him, an appeal to the Board of Management and it may confirm or modify or reverse the action taken by the Provost.

(4) Where, in the opinion of the Provost, decision of any authority of the University is not within the powers conferred by this Act or the Statutes, the Ordinances, the Regulations or the rules or is likely to be prejudicial to the interests of the University, he shall request the concerned authority to revise its decision within fifteen days from the date of its decision and in case the authority refuses to revise such decision wholly or partly or fails to take any decision within fifteen days, then such matter shall be referred to the President and his decision thereon shall be final.

(5) The Provost shall exercise such powers and perform such functions as may be prescribed by the Statutes or the Ordinances.

(6) The President may, on representation made or otherwise and after making such inquiry as may be necessary and is of the opinion that the continuance of the Provost in office is not in the interests of the University, by an order in writing stating the reasons therein, direct the Provost to relinquish his office from the date specified in the order:

Provided that before taking an action under this sub-section, the Provost shall be given an opportunity of being heard.

Registrar.

16. (1) The appointment of the Registrar shall be made by the Chairperson of the sponsoring body in such manner as may be prescribed by the Statutes.

(2) All contracts shall be signed and all documents and records shall be authenticated by the Registrar on behalf of the University.

(3) The Registrar shall be the Member-Secretary of the Governing Body, the Board of Management and Academic Council but he shall not have a right to vote.

(4) The Registrar shall exercise such powers and perform such duties as may be specified in the Statutes or the Ordinances.

**Chief Finance and
Accounts Officer.**

17. (1) The appointment of the Chief Finance and Accounts Officer shall be made by the President in such manner as may be prescribed by the Statutes.

(2) The Chief Finance and Accounts Officer shall exercise such powers and perform such duties as may be specified in the Statutes or the Ordinances.

Other officers.

18. (1) The University may appoint such other officers as may be necessary for its functioning.

- (2) The manner of appointment of other officers of the University and their powers and functions shall be such as may be specified in the Statutes or the Ordinances.

CHAPTER IV AUTHORITIES OF UNIVERSITY

19. The following shall be the authorities of the University, namely:-

Authorities of
University.

- (a) The Governing Body;
- (b) The Board of Management;
- (c) The Academic Council; and
- (d) such other authorities as may be declared by the Statutes to be the authorities of the University.

20. (1) The Governing Body of the University shall consist of the following members, namely:-

Governing Body

- (a) The President;
- (b) The Provost;
- (c) Four persons to be nominated by the sponsoring body out of whom two shall be eminent educationist;
- (d) Two Deans or Directors of the constituent schools or centres of the University, by rotation, to be nominated by the Provost;
- (e) One expert of Management or Information Technology from outside the University to be nominated by the Governing Body;
- (f) Three experts representing other disciplines such as finance, legal, social sector to be nominated by the Governing Body;
- (g) One eminent industrialist to be nominated by the Governing Body; and
- (h) Secretary to the Government of Gujarat, Higher and Technical Education or his representative not below the rank of Deputy Secretary to Government or the Deputy Commissioner – *ex-officio*.

- (2) The President shall be the Chairman of the Governing Body.

- (3) (a) Save as otherwise provided in this section, the term of nominated members of the Board shall be three years from the date of nomination;

(b) An *ex-officio* member shall continue so long as he holds the office by virtue of which he is such a member.

(c) As nearly as one third of the nominated members, except the *ex-officio* member shall retire by rotation each year. In the first two

instances, the Board may decide the procedure to identify the members who will retire.

(d) A member may be re-nominated for the next term.

(e) A member may resign his office by writing under this hand, addressed to the Chairperson, but he shall continue in office until his resignation has been accepted by the Chairperson.

(4) The Governing Body shall be the supreme authority of the University. All the movable and immovable property of the University shall vest in the Governing Body.

(5) The Governing Body shall have the following powers, namely:-

(a) to provide general superintendence and directions and to control functioning of the University by using all such powers as are provided by this Act or the Statutes, Ordinances, Regulations or Rules made thereunder;

(b) to review the decisions of other authorities of the University in case they are not in conformity with the provisions of this Act or the Statutes, Ordinances, Regulations or Rules made thereunder;

(c) to approve the budget and annual report of the University;

(d) to lay down the extensive policies to be followed by the University;

(e) to recommend to the sponsoring body about the voluntary liquidation of the University; and

(f) such other powers as may be prescribed by the Statutes.

(6) The Governing Body shall meet at least three times in a calendar year.

(7) Minimum four members shall form a quorum for a meeting of the Governing Body.

**Board of
Management**

21. (1) The Board of Management shall consist of the following persons, namely:-

(a) the President;

(b) the Provost;

(c) two members of the Governing Body, to be nominated by the Sponsoring Body;

(d) two persons, who are not the members of the Governing Body, to be nominated by the Sponsoring Body;

(e) three persons from amongst the faculty members of the University, to be nominated by the Sponsoring Body; and

(f) one faculty member, to be nominated by the President.

(2) The President shall be the Chairperson of the Board of Management :

Provided that President may at his discretion, nominate any other member of the Governing Body to be the Chairperson of the Board of Management.

(3) The powers and functions of the Board of Management shall be such as may be prescribed by the Statutes.

(4) The Board of Management shall meet once in every two months.

(5) Minimum four members shall form a quorum for a meeting of the Board of Management.

22. (1) The Academic Council shall consist of the Provost and such other members as may be prescribed by the Statutes.

Academic
Council.

(2) The Provost shall be the Chairperson of the Academic Council.

(3) The Academic Council shall be the principal academic body of the University and shall, subject to the provisions of this Act, the Statutes, the Ordinances and the rules made thereunder, co-ordinate and exercise general supervision over the academic policies of the University.

(4) The quorum for meetings of the Academic Council shall be such as may be prescribed by the Statutes.

23. (1) A person shall be disqualified for being a member of any of the authorities or bodies of the University, if – **Disqualifications.**

- (a) he is of unsound mind and stands so declared by a competent court;
- (b) he is an undischarged insolvent;
- (c) he has been convicted of any offence involving moral turpitude;
- (d) he is conducting or engaging himself in private coaching with or without pecuniary gain; or
- (e) he has been punished for indulging in or promoting unfair practice in the conduct of any examination, in any form, anywhere.

Vacancies not to invalidate the constitution of, or the proceedings of any authority or body of University.

24. No act or proceedings of any authority of the University shall be invalid merely by reason of any vacancy in or defect in the constitution of any authority or body of the University.

Committees.

25. The authorities of the University may constitute such committees with such terms of reference as may be necessary for specific tasks to be performed by such committees. The constitution of such committees, powers to be exercised and duties to be performed shall be such as may be prescribed by the Statutes.

CHAPTER V STATUTES, ORDINANCES AND REGULATIONS

First Statutes.

26. (1) Subject to the provisions of this Act, and the rules made thereunder, the First Statutes may provide for all or any of the following matters, namely:-

- (a) the constitution, powers and functions of the authorities and other bodies of the University as may be constituted from time to time;
- (b) the terms and conditions of appointment of the Provost, his powers and functions;
- (c) the manner and terms and conditions of appointment of the Registrar and Chief Finance and Accounts Officer, their powers and functions;
- (d) the manner and terms and conditions of appointment of other officers and teachers and their powers and functions;
- (e) the terms and conditions of service of employees of the University;
- (f) the procedure for arbitration in cases of disputes between employees or students and the University;
- (g) the conferment of honorary degrees;
- (h) the provisions regarding exemption from payment of tuition fee and awarding scholarships and fellowships to the students;
- (i) framing of policy for admissions, including regulation of reservation of seats; and
- (j) fees to be charged from students.

(2) The First Statutes of the University shall be made by the Governing Body and shall be submitted to the State Government for its approval.

(3) The State Government shall consider the First Statutes, submitted by the University and shall approve it as far as possible within two months from the date of its receipt, with or without modifications, as it may deem necessary.

(4) The University shall communicate its agreement to the First Statutes as approved by the State Government, and if it desires not to give effect to any or all the modifications made by the State Government under sub-section (3), it may give reasons therefore and after considering such reason, the State Government may or may not accept the suggestions made by the University.

(5) The State Government shall publish the First Statutes, as finally approved by it, in the *Official Gazette*, and thereafter it shall come into force from the date of such publication.

27. (1) Subject to the provisions of this Act and the rules made thereunder, the subsequent Statutes of the University may provide for all or any of the following matters, namely:- Subsequent Statutes.

- (a) Creation of new authorities of the University;
- (b) Accounting policy and financial procedure;
- (c) Representation of teachers in the authorities of the University;
- (d) Creation of new departments and abolition or restructuring of existing department;
- (e) Institution of medals and prizes;
- (f) Procedure for creation and abolition of posts;
- (g) Revision of fees;
- (h) Alteration of the number of seats in different disciplines; and
- (i) All other matters which by or under the provisions of this Act required to be prescribed by the Statutes.

(2) The Statutes of the University other than the First Statutes shall be made by the Board of Management with the approval of the Governing Body.

(3) The Statutes made under sub-section (2) shall be submitted to the State Government and it may approve or, if considers necessary, give suggestions for modification as far as possible within two months from the date of receipt of the Statutes.

(4) The Governing Body shall consider the modifications suggested by the State Government and return the Statutes to it with its agreement to such changes or with its comments on the suggestions made by the State Government.

(5) The State Government shall consider the comments of the Governing Body and may approve the Statutes with or without modifications and it shall be published by it in the *Official Gazette*, and shall come into force from the date of such publication.

First Ordinances.

28. (1) Subject to the provisions of this Act, the rules and the Statutes made thereunder, the First Ordinances may provide for all or any of the following matter, namely:-

- (a) The admission of students to the University and their enrolment as such;
- (b) The courses of study to be laid down for degrees, diplomas and certificates of the University;
- (c) The award of degrees, diplomas, certificates and other academic distinctions, the minimum qualifications for the same;
- (d) The conditions for award of fellowships, scholarships, stipends, medals and prizes;
- (e) The conduct of examinations, including the terms of office and manner of appointment and the duties of examining bodies, examiners and moderators;
- (f) Fees to be charged for the various courses examinations, degrees or diplomas of the University;
- (g) The conditions of residence of the students of the University;
- (h) Provision regarding disciplinary action against the students;
- (i) The creation, composition and functions of any other body which is considered necessary for improving the academic life of the University;
- (j) The manner of co-operation and collaboration with other Universities and institutions of higher education;
- (k) Such other matters which are required to be provided by the Ordinances by or under this Act.

(2) The First Ordinances of University shall be made by the President which after being approved by the Board of Management, shall be submitted to the State Government for its approval.

(3) The State Government shall consider the First Ordinances submitted by the President under sub-section (2) as far as possible within two months from the date of its receipt and may approve it or give suggestions for modifications therein.

(4) The President shall either modify the Ordinances incorporating the suggestion of the State Government or give reasons for not incorporating any of the suggestions made by the State Government and shall return the First Ordinances along with such reasons, if any, to the State Government and on receipt of the same, it shall consider the comments of the President and may approve the First Ordinances of the University with or without such

modifications and it shall be published by the State Government in the *Official Gazette*, and it shall come into force from the date of such publication.

29. (1) All Ordinances other than the First Ordinances shall be made by the Academic Council which after being approved by the Board of Management shall be submitted to the State Government for its approval. **Subsequent Ordinances.**

(2) The State Government shall consider the Ordinances submitted by the Academic Council under sub-section (1) as far as possible within two months from the date of its receipt and may approve it or give suggestions for modifications therein.

(3) The Academic Council shall either modify the Ordinances incorporating the suggestion of the State Government or give reasons for not incorporating any of the suggestions made by the State Government and shall return the Ordinances alongwith reason, if any, to the State Government and on receipt of the same, it shall consider the comments of the Academic Council and may approve the Ordinances with or without modifications and it shall be published by it in the *Official Gazette*, and shall come into force from the date of such publication.

30. The authorities of the University may, subject to the prior approval of the Board of Management make Regulations, consistent with this Act, the rules, the Statutes and the Ordinances made thereunder, for the conduct of business of the each such authority and committees constituted by each such authority. **Regulations.**

CHAPTER VI REGULATION OF UNIVERSITY

31. (1) The State Government may, for the purpose of ascertaining the standards of teaching, examination and research or any other matter relating to the University, cause an assessment to be made in such manner as may be prescribed, by such person or persons as it may deem fit. **Powers of State Government to give directions.**

(2) The State Government shall communicate its recommendations to the University on the basis of such assessment for corrective action. The University may adopt such corrective measures and make efforts so as to ensure the compliance of the recommendations.

(3) The State Government may give such directions as it may deem fit if the University fails to comply with the recommendation made under sub-section (2) within a reasonable time. The directions given by the State Government shall be immediately complied by the University.

32. (1) The existing provisions of the State Government relating to admissions and fee structure shall be applicable to such private Universities. **Admissions and fee structure.**

(2) Admission in the University shall be strictly on the basis of merit.

(3) Merit for admission in the University may be determined either on the basis of marks or grade obtained in the qualifying examination and achievements in co-curricular and extra-curricular activities or on the basis of marks or grade obtained in the entrance test conducted at State level either by an association of the Universities conducting similar courses or by any agency of the State Government :

Provided that the admission in professional educational colleges or institutions of such private Universities shall be governed under the provisions of the Gujarat Professional Technical Educational Colleges or Institutions (Regulation of Admission and Fixation of Fees) Act, 2007 and the Gujarat Professional Medical Educational Colleges or Institutions (Regulation of Admission and Fixation of Fees) Act, 2007.

Guj. 2 of 2008.

Guj. 3 of 2008.

Convocation.

33. The Convocations of the University may, for conferring degrees, diplomas or for any other purpose, be held in every academic year in the manner as may be prescribed by the Statutes.

Accreditation of University.

34. The University shall obtain accreditation from the National Council of Assessment and Accreditation (NAAC) within five years of its establishment and such other regulating bodies of Government of India which are connected with the courses taken up by the University and inform the State Government about the grade provided to the University. The University shall get renewed such accreditation from time to time.

University to follow rules, regulations, norms, etc. of regulating bodies.

35. Notwithstanding anything contained in this Act, the University shall be bound to comply all the rules, regulations, norms, etc. of the regulating bodies of Government of India and provide all such facilities and assistance to such bodies as are required by them to discharge their duties and carry out their functions.

CHAPTER VII
FUNDS OF UNIVERSITY

- 36.** (1) The sponsoring body shall establish an Endowment Fund for the University with an amount specified in Letter of Intent. **Endowment Fund.**
- (2) The Endowment Fund shall be used as security deposit to ensure that the University complies with the provisions of this Act and functions as per provisions of this Act, the Statutes and the Ordinances. The State Government shall have the powers to forfeit, a part or whole of the Endowment Fund in case the University or the sponsoring body contravenes the provisions of this Act, the Statutes, the Ordinances, the regulations or the rules made thereunder.
- (3) The University may utilize the income from Endowment Fund for the development of infrastructure of the University and not with to meet the recurring expenditure of the University.
- (4) The amount of Endowment Fund shall be invested in such instruments as the Government may prescribe and kept invested until the dissolution of the University.
- (5) In case of investment in long term security, the certificates of the securities shall be kept in the safe custody of the Government and in case of deposit in the interest bearing Personal Deposit account in the Government Treasury, deposit shall be made with the condition that the amount shall not be withdrawn without the permission of the Government.
- 37.** Every University shall establish a fund, which shall be called the General Fund to which the following shall be credited, namely:- **General Fund.**
- (a) Fees and other charges received by the University;
 - (b) Any contributions made by the sponsoring body;
 - (c) Any income received from consultancy and other work undertaken by the University in pursuance of its objectives;
 - (d) Trusts, bequests, donations, endowments and any other grants; and
 - (e) All other sums received by the University.
- 38.** The General Fund shall be utilized for the following objects, namely:- **Application of General Fund.**
- (a) For the repayment of debts including interest charges thereto incurred by the University for the purposes of this Act and the Statutes, the Ordinances, the Regulations and the Rules made thereunder with the prior approval of the Governing Body;
 - (b) To upkeep the assets of the University;

- (c) For the payment of the fee for audit of the funds created under sections 36 and 37;
- (d) To meet with expenses of any suit or proceedings by or against the University;
- (e) For the payment of salaries, allowances, Provident Fund contributions, gratuity and other benefits to officers, employees and members of the teaching and research staff;
- (f) For the payment of travelling and other allowances of the members of the Governing Body, the Board of Management, the Academic Council, other authorities and the members of any committee appointed by any of the authority or the Chairperson of the sponsoring body or the Provost;
- (g) For the payment of fellowships, freeships, scholarships, assistantships and other awards to the students belonging to economically weaker sections of the society or research associates, trainees or, as the case may be, to any student otherwise eligible for such awards under the Statutes, the Ordinances, the Regulations or the Rules;
- (h) for the payment of any expenses incurred by the University in carrying out the provisions of this Act or the Statutes, the Ordinances, the Regulations or the Rules;
- (i) for the payment of cost of capital, not exceeding the prime lending rate from time to time of the State Bank of India, incurred by the Sponsoring Body for setting up the University and the investments made therefor;
- (j) for the payment of charges and expenditure relating to the consultancy work undertaken by the University in pursuance of the provisions of this Act and the Rules, the Statutes or the Ordinances made thereunder;
- (k) for the payment of any other expenses including service fee payable to any organization charged with the responsibility of providing any specific service, including the managerial services to the University, on behalf of the sponsoring body, as approved by the Board of Management to be an expense for the purposes of the University;

Provided that no expenditure shall be incurred by the University in excess of the limits for total recurring expenditure and total non-recurring expenditure for the year, as may be fixed by the Board of Management, without prior approval of the Board of Management.

CHAPTER VIII ACCOUNTS, AUDIT AND ANNUAL REPORT

39. The Annual Report of the University shall be prepared by the University which shall include among other matters, the steps taken by the University towards the fulfillment of its objects and shall be submitted to the State Government. Annual report.

40. (1) The annual accounts including balance sheet of the University shall be prepared by the University and the annual accounts shall be audited at least once in every year by the auditors appointed by the University for this purpose. Annual Accounts and Audit.

(2) A copy of the annual accounts together with the audit report shall be submitted to the State Government

CHAPTER IX WINDING UP OF UNIVERSITY

41. (1) If the sponsoring body proposes to dissolve itself according to the provisions of law governing its constitution or incorporation, it shall give at least six months prior notice to the State Government. Management of University on dissolution of Sponsoring Body.

(2) The State Government shall, on receipt of such notice make such arrangements as may be necessary, for the administration of the University from the date of dissolution of the sponsoring body till the completion of syllabus by the last batch of students admitted to the University and may also cause the functioning of the University to continue by appointing an administrator in place of the sponsoring body, who shall be entrusted with the powers, duties and functions of the Sponsoring Body as prescribed under this Act.

42. (1) The Sponsoring Body who intends to dissolve the University shall give a notice to that effect in the prescribed manner to the State Government. The State Government, after due consideration, may dissolve the University in the manner as may be prescribed: Dissolution of University.

Provided that the dissolution of the University shall have effect only after the last batches of students of the regular courses have completed their courses and they have been awarded degrees, diplomas or, as the case may be, awards.

(2) On the dissolution of the University all the assets and liabilities of the University shall vest in the Sponsoring Body in the manner as may be prescribed.

(3) Where the State Government decides under sub-section (1) to dissolve the University, it may vest the powers of the Governing Body in the prescribed manner to other societies having similar objects till the dissolution of the University takes effect under the proviso to sub-section (1).

Special powers of State Government in certain circumstances.

43. (1) Where the State Government is of the opinion that the University has contravened any of the provisions of this Act, the Rules, the Statutes or the Ordinances made thereunder or has violated any of the directions issued by it under this Act or a situation of financial mismanagement or mal-administration has arisen in the University, it shall issue the notice requiring the University to show cause within forty-five days as to why an administrator be not appointed.

(2) On receipt of reply of the University on the notice issued under sub-section (1), if the State Government is satisfied that there is a *prima facie* case of contravention of any of the provisions of this Act, the Rules, the Statutes or the Ordinances made thereunder or violation of directions issued by it under this Act or there is financial mismanagement or maladministration, it shall make an order of such inquiry as it may consider necessary.

(3) The State Government shall, for the purposes of any such inquiry under sub-section (2), appoint an inquiry officer or officers to inquire into any of the allegations and to make report thereon.

(4) The inquiry officer or officers appointed under sub-section (3) shall have the same powers as are vested in a civil court under the Code of Civil Procedure, 1908 while trying a suit in respect of the following matters, namely:- 5 of 1908.

- (a) Summoning and enforcing the attendance of any person and examining him on oath;
- (b) Requiring the discovery and production of any such document or any other material as may be predicable in evidence;
- (c) Requisitioning any public record from any court or office.

(5) On receipt of the inquiry report from the officer or officers appointed under sub-section (3), if the State Government is satisfied that the University has contravened all or any of the provisions of this Act, the Rules, the Statutes or the Ordinances made thereunder or has violated any of the directions issued by it under this Act or a situation of financial mismanagement and maladministration has arisen in the University which threatens the academic standard of the University, it may appoint an administrator.

(6) The administrator appointed under sub-section (5) shall exercise all the powers and perform all the duties of the Governing Body and the Board of Management under this Act and shall administer the affairs of the University until the last batch of the students of the regular courses have completed their courses and they have been awarded with degrees, diplomas or, as the case may be, awards.

(7) After having been awarded the degrees, diplomas or, as the case may be, awards to the last batches of the students of the regular courses, the administrator shall make a report to that effect to the State Government.

(8) On receipt of the report under sub-section (7), the State Government shall dissolve the University and on dissolution of the University, all the assets and liabilities of the University shall vest in the sponsoring body.

**CHAPTER X
MISCELLANEOUS**

Power of State Government to make rules.

44. (1) The State Government may, by notification in the *Official Gazette*, make rules for carrying out the purposes of this Act.

(2) In particular and without prejudice to the generality of the foregoing powers, such rules may provide for all or any of the following matters, namely :-

- (a) the manner of making proposal to establish University and the fees payable under section 6;
- (b) other particulars of the Project Report under clause (z) of section 7;
- (c) other matters of the Statutes under sub-section (1) of section 27;
- (d) arrangements for the administration of the University on the dissolution of the Sponsoring Body under sub-section (2) of section 41.

(3) All rules made under this section shall be laid for not less than thirty days before the State Legislature as soon as may be after they are made and shall be subject to rescission by the State Legislature or to such modification as the State Legislature may make during the session in which they are so laid or the session immediately following.

Completion of courses of students.

45. Notwithstanding anything contained in this Act or the Regulations, any student of the constituent colleges or institutions of the University specified in the Schedule and affiliated to any University who immediately before the commencement of this Act was studying or was eligible for any examination of that University shall be permitted to complete his course in preparation therefore, and the University shall provide for the instruction, teaching, training and examination of such students, in accordance with the courses of studies of the respective University in such manner and for such period as may be prescribed.

Power to remove difficulties.

46. (1) If any difficulty arises in giving effect to the provisions of this Act, the State Government may, by order published in the *Official Gazette*, make provisions not inconsistent with the provisions of this Act, as appear to it to be necessary or expedient for removing the difficulty :

Provided that no such order shall be made under this section after the expiry of three years from the commencement of this Act.

(2) Every order made under this section shall, as soon as may be after it is made, be laid before the State Legislature.

SCHEDULE
(See section 3)

Sr. No.	Name and address of the Private University	Details of registration and registration number	Sponsoring Body.
1.	The Ahmedabad University, Ahmedabad.	F/C7 Ahmedabad Under the Bombay Public Trusts Act, 1950 767 of 1935-1936, Bombay under the Societies Registration Act, 1860.	Ahmedabad Education Society, Commerce Six Roads, Navrangpura, Ahmedabad.
2.	The Navrachna University, Vadodara.	No. 325/Vadodara dated 31.12.1965 under the Societies Registration Act, 1860.	Navrachna Education Society, Vadodara.
3.	The Calorx Teacher's University, Ahmedabad.	U74999DL2005NPL134403, Assistant Registrar of Companies, New Delhi (Under Section No. 25 of the Companies Act).	Calorx Foundation, Calorx Institute of Education, Ahmedabad, DPS - Greenwood Campus, 200ft, Ring Road, Nr. Greenwood Lake Resort, SGVP Circle, Ahmedabad.
4.	The Charotar University of Science and Technology, Changa.	A/2568/Kheda dated 21.4.1994 Under the Bombay Public Trusts Act, 1950 Revised No. A/1299, Anand dated 15.10.2001	Shree Charotar Moti Sattavis Patidar Kejavani Mandal, Vidyanagar Marg, Anand-Vidyanagar Road, Anand - 388 001.



Rai University
EVOLVING THINKING MINDS

Ahmedabad

Annexure - 2



सत्यमेव जयते

The Gujarat Government Gazette

EXTRAORDINARY
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Separate paging is given to this Part in order that it may be filed as a Separate Compilation.

PART IV

Acts of Gujarat Legislature and Ordinances promulgated and Regulations made by the Governor.

The following Act of the Gujarat Legislature, having been assented to by the Governor on the 10th April, 2012 is hereby published for general information.

C. J. GOTHI,
Secretary to the Government of Gujarat,
Legislative and Parliamentary Affairs Department

GUJARAT ACT NO. 12 OF 2012.

(First published, after having received the assent of the Governor, in the "Gujarat Government Gazette", on the 11th April, 2012).

AN ACT

further to amend the Gujarat Private Universities Act, 2009.

WHEREAS the Bhandari Charitable Trust, Ahmedabad and the Rai Foundation, New Delhi have applied to the State Government under the provisions of the Gujarat Private Universities Act, 2009 to establish Private Universities in the State;

Guj. 8 of 2009.

AND WHEREAS the said applications have been scrutinised by the Scrutiny Committee and on the report of Scrutiny Committee, the State

Government has issued the letter of intent to the respective sponsoring bodies for establishment of the Private University;

AND WHEREAS the State Government is satisfied that the sponsoring bodies have complied with the conditions of letter of intent as provided in section 10 of the said Act and have also established the Endowment Fund as per the letter of intent;

NOW, THEREFORE, the Government of Gujarat, in accordance with the provisions of section 10 of the said Act, establishes the institutions specified in column 2 of the Schedule as the Private University of the aforesaid sponsoring bodies, by the name, location and jurisdiction as specified in column 4 of the Schedule.

It is hereby enacted in the Sixty-third Year of the Republic of India as follows:-

Short title and commencement.

1. (1) This Act may be called the Gujarat Private Universities (Amendment) Act, 2012.

(2) It shall come into force on such date as the State Government may, by notification in the *Official Gazette*, appoint.

(C) Amendment of Schedule to Guj. 8 of 2009.

2. In the principal Act, in the Schedule, after entry at serial No. 8, the following entries shall be inserted, namely:-

Guj. 8 of 2

Sr. No.	Name and Address of the Private University.	Details of Registration and Registration Number	Sponsoring Body.
1.	2.	3.	4.
9.	Indus University, Ahmedabad.	Trust Registration – Ahmedabad, No. E-6844, Ahmedabad (under the Bombay Public Trusts Act, 1950).	Bhandari Charitable Trust, A-1, Skylark Apartment, Satellite Road, Satellite, Ahmedabad-380015.
10.	Rai University, Ahmedabad.	Trust Registration – New Delhi, No. 5539 of Dated 01/08/1996.	Rai Foundation, A-41, MCIE, Mathura Road, New Delhi-110044.”.



Rai University
EVOLVING THINKING MINDS

Ahmedabad


Annexure - 3

Notification
Education Department,
Sachivalaya, Gandhinagar.
Dated:- 19/2/2013.

Gujarat Private Universities Act, 2009.

No.GH/SH/3/FSU/2012/85/KH-1:- In exercise of the powers conferred by section 26 of the Gujarat Private Universities Act, 2009 (Guj. Act No.8 of 2009), the Government of Gujarat hereby approves the First Statutes of the Rai University, Ahmedabad as proposed by the Governing Body of the University in its meeting held on 03/05/2012.

By order and in the name of the Governor of Gujarat.


(M.H.Khumar)

Under Secretary to Government.

Copy forwarded to for information and necessary action :

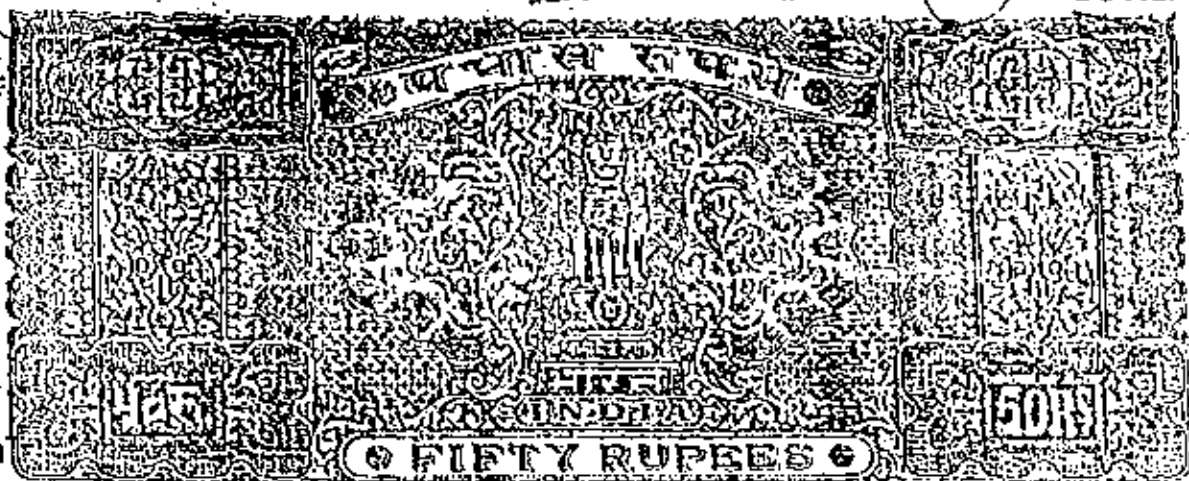
- . The Secretary to the Governor, Raj Bhavan, Gandhinagar.
- The Secretary to Hon'ble Chief Minister, Sachivalaya, Gandhinagar.
- Personal Secretary to Hon'ble Education Minister, Sachivalaya Gandhinagar.
- Personal Secretary to Hon'ble Minister of State (Education), Sachivalaya Gandhinagar
- Opposition leader of Gujarat, Gujarat Vidhansabha, Sachivalaya, Gandhinagar.
- Chief Secretary, New Sachivalaya, Gandhinagar.
- Additional Chief Secretary, General Administration Department, New Sachivalaya, Gandhinagar.
- Secretary, Legislative and Parliamentary Affairs Department, Sachivalaya, Gandhinagar.
- P.S. to Principal Secretary Education Department, Sachivalaya, Gandhinagar.
- Commissioner of Higher Education, Gujarat State, Dr. Jivraj Mehta Bhavan, Gandhinagar.
- Accountant General, Ahmedabad / Rajkot.
- The Director of Information, Gandhinagar.
- The Manager, Government Central Press, Gandhinagar. With a request to print this Notification in Extra Ordinary Govt. Gazette, and supply 300 copies of the same to this Department. & 100 copies to the Rai University Saroda Post, Dholka Taluka, Dist. Ahmedabad, Gujarat-382260. (India)
- The Director, Government Printing & stationery, Udhyog Bhavan, Gandhinagar
- ✓ Provost, Rai University, Saroda Post, Dholka Taluka, Dist. Ahmedabad, Gujarat-382260. (India)
- Select file.



Rai University
EVOLVING THINKING MINDS

Ahmedabad

Annexure - 4



5539
06
0



Vinay Rai Amit Rai Usha Aggarwal M.L. Wadhwa R.L. Chowdhury

SETWELER 29/7/96
A U S T R I A S I G N E D S I G N E D S I G N E D S I G N E D

DEED OF DECLARATION OF TRUST

This DEED OF TRUST is made on 29/7 July 1996 between
Sh. Vinay Rai S/o Sh. Kulwant Rai resident of 12 Aurangzeb Lane,
New Delhi-110 011, Pass Port No. V-049849 issued from Delhi and
it is valid upto 7.1.2006, hereinafter called the settler of one
part, and Sh. Amit Rai S/o Sh. Vinay Rai resident of 12
Aurangzeb Lane, New Delhi-110 011, Pass Port No. L-380461 issued
from Delhi and it is valid upto 17.6.2002, Mrs Usha Aggarwal wife
of Sh. Ashok Aggarwal, resident of 207-A, Mac Bcharl Avenue,
Calcutta-19, Pass Port No. C-760817 issued from Calcutta and it
is valid upto 3.3.1999, Sh. M.L Wadhwa S/o late Sh. Mohan Lal
Wadhwa, resident of D-40, Panditshel Enclave, New Delhi and Sh.
R.L. Chowdhury S/o of Sh. R.L. Chowdhury resident of New
Campus- 40, Indian Institute of Technology, Delhi-110 016, Pass
Port No. W-094049 issued from Calcutta and it is valid upto
23.10.97 hereinafter called the TRUSTEES.

(S. vs.)

43403

19 JAN 1996

SNO..... DATE.....
 SOLD TO Ravi Foundation
 ADDRESS 12 Aurangzeb Lane
 IN FAV OF Ravi
 PURPOSE Ravi
 Rail Station
 Habib Place, New Delhi

Stamp office New Delhi
 (Signature) [Signature]

Rakesh, New Delhi

Document written by [Signature]
 (Signature)



Paid 475/-
 Sh. Vinay Ravi
 12 Aurangzeb Lane
 New Delhi

[Faded, mostly illegible text, possibly a receipt or acknowledgment slip.]

Sh. Vinay Ravi
 (Settler)



It is certified that the letter right
 at the time of being sent through
 the post office on 19/01/1996 at New Delhi

New Delhi 110013

WHEREAS the settler is desirous to establish in perpetuity a fund for the beneficial promotion and propagation of knowledge and imparting academic, technical, professional educations and vocational training, classical dancing, literacy, music etc. and to provide all facilities for medicine, hospitalities, games, recreation, upliftment in social, economic and intellectual culture etc., to all common people irrespective of caste, creed, and religion or sex, and for this purpose he is desirous of establishing a Trust in which shall hereinafter be known as "RAI FOUNDATION".

AND WHEREAS under the aforesaid purpose the settler is desirous of dedicating and settling apart a sum of Rs.5,000/-.

WHEREAS the trustees hereto have at the request of the settler give their consent to be the trustees along with the settler for administering the affairs of RAI FOUNDATION in accordance with the terms and conditions hereinafter provided AND WHEREAS the said settler and trustees have, in token of their agreeing to be the trustees, appended their signatures to this Deed of Declaration of the Trust witnesseth as follows:

X (Sd V.R.)



(Contd..3...

1. In pursuance to the said desire of the settler, the settler by these presents transfers and assign to the trustees a sum of Rs. 5,000/- to hold the same to the trustees upon the trust to be known as 'RAI FOUNDATION' and subject to the powers, provisions and agreement hereinafter laid and expressed concerning the same.

2. Name


The name of the Trust shall be the "RAI FOUNDATION"

3. Registered Office

The registered office of the trust shall be at 12 Aurangzeb Lane, New Delhi-110 011, or at any other place as the trustees may decide.

4. Funds of the Trust

The assets, together with all further donations and contributions, in any shape or form made to the said Trust from time to time, and the rents, profits and income thereof and the stocks funds and properties representing the same shall be held by the trustees upon trust for the objects and purposes and subject to powers and provisions hereinafter set out.


x (S. V. R.) 

(Contd..4..)

5. Objects

The objects and purposes of the trust are to:-


- a) Such trust is for imparting Academic, Technical, Professional education etc. to all common people irrespective caste, creed, religion or sex.
- b) To provide, monetary assistance for achieving the object for which the trust has been established.
- c) To create awareness in the members of the public for adopting such kind of education which would serve the mankind.
- d) To provide instruction in (i) English and other modern languages (ii) Arts and (iii) Science both theoretical and applied, including Medicine, Engineering etc.
- e) To provide means for giving technical, industrial, commercial and vocational education.
- f) To professionally equip the young entrepreneurs, prospective practicing business executives, with the most modern management techniques and skills and education, in order to meet the new challenges in the management of private and public sector organizations.

(Sd/-) 

(Contd..5..)

- g) To organize programmes relating to the field of management and to develop an understanding of the specific areas of management, at various levels with particular emphasis on system's approach.
- h) To create an awareness in the participants of the socio-economic and legal environments influencing business enterprises.
- i) To help the participants in developing and understanding of the organisational behavior and to develop their personality so as to become more effective managers and to develop analytical and decision making capabilities.
- j) To develop case studies, provide consultancy and conduct research aimed at better understanding of Management Dynamics in the context of Indian conditions.
- k) To carry out social upliftment in different aspects like Social, Economic, Intellectual and Cultural.
- l) To organise relief for distressed people directly or indirectly and to render all humanitarian services etc.
- m) To give scholarship or grants and/or aid to poor and deserving students and scholars;
- n) Undertake all acts, deeds and things connected with, incidental to and germane to the aforesaid objects;

(S. V. R.)



(Contd..6..)

o) To establish or give grants and/or aids to schools, colleges, hostels, libraries, research centres, museums, workshops, laboratories, cultural centres and other educational institutions for the development of education, various arts and literature and diffusion of knowledge and for public rest-houses, Dharamshalas, Ashrams and to provide for amenities, awards, scholarships etc. for the public.

p) To undertake any programme of rural development to be used for carrying out any programme of rural development approved by the prescribed authority under Income Tax Act as per Section 35 CCA of Income Tax Act.

CA

q) To train persons for implementing programmes of rural development and to do any act as prescribed under Section 35 CCA.

r) To undertake any programme of conversion of natural resources or afforestation, to be used for carrying out any programme of conversion of natural resources and afforestation approved by the prescribed authority as per Section 35 CCA under Income Tax Act, 1961.

6. Board of Trustees

The trust shall be vested in a Board of Trustees (hereinafter called the Board) which shall consist of not less than 5 and not more than 10 trustees. The following first trustees constituting the Board are

1. Mr. N. C. S.



(Contd..7..)

- | | |
|-----------------------|--------------------|
| 1. Sh. Vinay Rai | 2. Sh. Amit Rai |
| 3. Mrs. Usha Aggarwal | 4. Sh. M.L. Wadhwa |
| 5. Sh. R.L. Chowdhury | |

The persons for the time being constituting the Board shall have the power to increase the strength of the Board by appointing thereto one or more persons, whether on the same occasions, as trustee or trustees, but the total number of persons constituting the Board shall no time exceed ten.

7. Mr Vinay Rai will be the first and permanent Chairman of the Board.

8. The Board may also elect a Vice-Chairman from amongst its members for such period as may be specified by it or for the period for which the person so elected continue to be a trustee, whichever period expires earlier.

9. Notwithstanding any thing contained in any other provision of this Deed, Sh. Vinay Rai continue as the Chairman of the Board during his pleasure and shall not be liable to be removed. Sh. Amit Rai, Mrs. Usha Aggarwal, Sh. M.L. Wadhwa and Sh. R.L. Chowdhury will hold the office of trustee for life long i.e. they will be the permanent trustee. The term of the other trustee(s) will be for 3 years from the date of these presents.

10. In event of vacancy in the office of Chairman, the Board shall elect a Chairman from amongst themselves.

(Contd..B..)

11. If any of the trustees shall die, or desire to retire, or refuse or become incapacitated to act as a trustee or take the benefit of the Insolvency Law, then, and in every such case, there shall be a vacancy in the Board.

12. A trustee may be removed from office for misconduct or for obstruction of the functioning of the Trust by a resolution adopted by two-third majority of the members of the Board present and voting at a meeting specially called for the purpose.

13. Vacancies in the Board shall be filled by the remaining trustees at a meeting called for the purpose. Casual vacancies in the Board may be filled in the manner aforesaid for the unexpired part of the terms of the trustee causing the vacancy. A retiring trustee shall be eligible for re-election.

14. The quorum for a meeting of the Board shall be 1/3 rd of the then existing members.

15. Vacancies in the Board shall not invalidate any of the proceedings of the Board.

16. The Board may meet as often as necessary and, in any event, not less than twice in a calendar year.

x (S) NR



(Contd..9..)

17. Decisions at the meeting of the Board shall be taken by a vote of the majority of the trustees present. In the case of equality of votes, the Chairman of the Board shall have a second or casting vote.

18. Executive Committee

The Board shall elect from amongst themselves an Executive Committee consisting of not more than 5 members. Retiring members shall be eligible for re-election.

19. The Chairman and Vice-Chairman of the Board shall ex officio be the Chairman and Vice-Chairman of the Executive Committee.

20. The Chairman may invite any person or persons, whether trustee or not, to assist the Executive Committee, but the person so invited shall not be entitled to vote.

21. Secretary of the Trust

The Executive Committee shall appoint a Secretary of the Trust and determine the terms on which and the period for which he will hold office.

22. Function of the Board

The Board shall have the power and discretion to accept, upon such terms as it may think fit, any donations or contribution (whether such donation or contribution be in cash or other movable or immovable property). Provided always that the terms upon which such donations or

< (S. V. R.)

(Contd. 10..)

contribution shall be accepted shall not, in any way, be inconsistent with or repugnant to the objects of this Trust and that no other name shall be associated with the name of this Trust.

23. The Board shall, from and out of the income realised from the properties, assets and funds of the Trust, and from any other sources which they may get, expend such sum or sums of money as they may deem proper towards the maintenance of the properties of the Trust, pay all rates and taxes, pay such sums towards the repayment of any borrowings by the trustees and meet all expenses which the trustees may in their discretion think necessary for the proper and efficient management of the Trust, and in particular pay the salaries and allowances of all staff and servants, purchase books, equipment and furniture, pay management contribution for the Provident Fund of the staff, Gratuity, Pension etc., award prizes or scholarships to students and incur any other items of expenditure, relating to the Institutions, if any, under the Management of the Trust not hereinbefore specifically mentioned.

24. The accounts of the Trust shall be audited every year by a Chartered Accountant or a firm of Chartered Accountants within the meaning of Chartered Accountants Act, 1949 (38 of 1949), who will be appointed by the Board.

(Contd...11...)

25. The audited accounts of the Trust shall be adopted at a meeting of the Board called for the purpose.

26. The Board shall have management of the affairs of the Trust and the overall supervision and superintendence of the Trust and all institutions run by the Trust and all matters incidental thereto.

27. Functions of the Executive Committee

Subject to the provisions of the Deed of Declaration and the overall control and supervision of the Board, the Executive Committee shall carry on the management and administration of the Trust, and shall exercise all the powers and do all its deed and things as may be necessary for the purpose. The Executive Committee shall have the power to spend amounts as may be required in this behalf. Without prejudice to the general powers conferred on the Executive Committee, the Executive Committee shall, inter alia, be entitled to:

- 1) receive donations in any form subject to applicable physical laws, to purchase or take on lease lands, building, equipment, material and things, to erect and maintain buildings and other constructions and to sell, mortgage, dispose off or otherwise deal with all or any of the same as may be deemed fit;

(Contd..12..)

:12:

- ii) grant loans or borrow moneys as they may think fit and proper, and control and manage the assets of the Trust;
- iii) To promote Indian classical Music and Dances for which to run schools and colleges of dances and to organise various national and international meets on classical dances and music, to do research in music and to honor the various music stalwards.
- iv) borrow from banks and financial institution from time to time such sums of money at such reasonable rate of interest for such period and on such terms, with or without security movable or immovable, and to secure payment thereof with interest by mortgage or by bond, promissory note, bills, hundies and other negotiable securities or by issue of debentures, as they may decide;
- v) institute, conduct, defend, compound, withdraw, compromise, adjust, refer to arbitration or abandon any legal or other proceedings, claims or disputes, by or against the Trust or trustees or against its officers or employees concerning the affairs of the Trust and to sign and verify vakalats, plaints, written statements, execution petitions, affidavits and other documents;

X (S.V.R.)



(Contd..13..)

vi) appoint such staff for administering the Trust property on such terms as they may decide;

vii) insure and keep insured, if deemed expedient, all or any of the buildings and other assets of the Trust and invest in securities approved by law relating to the Trust or in such manner as the trustees may think fit and proper in the best interest of the Trust; and

viii) open and close accounts in the name of the Trust in any Scheduled Bank, Post Office or in any other financially sound institutions, and to operate such accounts and otherwise deal with the same.

28. The Executive Committee may, subject to such conditions and limitations as it may deem fit, delegate any of its functions to the Secretary or any other officer or employee of the Trust.

29. Indemnity

The trustees shall be chargeable only for such moneys, stocks, funds, deposits and securities as they shall actually receive, notwithstanding their signing any receipt for the sake of conformity, and shall be answerable or accountable only for their own deliberate or willful acts of omission or commission.

30. No trustee shall be liable for any breach of trust committed by the co-trustee except in respect of his own act and in respect of any property in his custody.

(S. V. R.)

(Contd..14..)

31. Power to reimburse

The trustee of these presents as well as the members of the Executive Committee are entitled to be reimbursed and also to pay and discharge out of the Trust fund, all expenses incurred by them or on their behalf in or about the execution of the Trust and the powers of these presents.

32. Allowance to Trustee Office-bearers

If at any time any trustee act as a wholetime office-bearers of the Trust or the Executive Committee or renders any special service, the Executive Committee may in its discretion pay such remuneration or allowance to such trustee as it may think proper.

33. Regulations and Bye-laws

The Board and the Executive Committee shall each and separately be entitled to frame, modify, amend, alter or repeal rules and bye-laws for the purpose of administering the Trust, provided that in the event of any inconsistency or conflict in such rules/bye-laws, the rules and bye-laws framed, modified, amended, altered or repealed by the Board shall prevail.

x (S.V.R.)



(Contd..15..)

34. This Trust and the provisions relating to the appointment of the first Chairman of the Board are irrevocable, subject as aforesaid, the terms of this Deed may be amended, altered or modified by a majority of 2/3rd members of the Board present and voting in a meeting called for this purpose.

Provided, however, that no amendment contrary to the objects of the Trust hereinbefore set-forth shall be valid and affective.

35. Jurisdiction of Courts

The competent courts in the Union Territory of DELHI shall have exclusive jurisdiction to decide any question regarding the interpretation and construction of this Deed or administration of the Trust and the related matters. In the event of such courts having concurrent jurisdiction with any other court or courts in respect of any claim of dispute against or by the Trust or trustees or any other matter connected therewith, the competent courts in the Union Territory of Delhi shall have jurisdiction to entertain, try and determine such claim or dispute in exclusion of such other court or courts.

x (S. V. R.)




(Contd..16..)

36. ~~Dissolution of Trust~~

The trustees will be authorised to transfer at their discretion all the assets and liabilities to some other trust having similar objects.

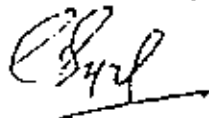
IN WITNESS WHEREOF, we have set our hands to these presents on this ~~31st day of July~~ 1996.

Witnesses :-


(VINAY RATHI)
S/o Sh. B.S. Sharma
4323 Gole Market, New Delhi
Joshi W. S. New Delhi
Daha - 110006
(Consultant - Taxation)


(VINAY RATHI)
SETTLER

Election / Case No. DC/05/057/488510
dated 17-11-95 ERO, Ballabhgarh New Delhi



G. D. GOYAL
S/O Sh. H. P. Goyal
258, SECTOR-29
Faridkot dt 12/02/8

ERO, Case No - HR/06/52/435843
dt 27-11-1994 ERO, Newla Mahanagar

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 DEPARTMENT OF COMMERCE
 BUREAU OF CUSTOMS AND BORDER PROTECTION
 U.S. CUSTOMS AND BORDER PROTECTION
 PHOENIX, ARIZONA

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Rai University
EVOLVING THINKING MINDS

Ahmedabad

Annexure - 5

FEE REGULATORY COMMITTEE (TECHNICAL)

(Constituted under Section 9(1) of the Gujarat Professional Technical Educational Colleges or Institutions (Regulation of Admission and Fixation of Fees) Act, 2007)

Near 5 Bungalows, Opp: National Park Society, Behind Polytechnic, Gulbai Tekra, Ahmedabad - 380015

Phone:079-26302937

Fax:079-26304118

Website: www.frctech.ac.in

email: frctechguj@gmail.com



No. FRC/Adhoc-FEE/13-14/ 15

Date: 05th March, 2014

To
The Registrar
Rai University
Saroda, Dholka Taluka
Ahmedabad 382 260.

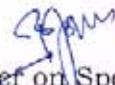
Sub: Adhoc fees approved for the institutions/courses started in the year 2013-14.

Ref: Your letter No.RUAHD/RO/FRC/14/03/1001 dt.01.03.2014

Sir,

With reference to above, this is to inform you that the Committee, in the meeting held on 30.04.2013 had decided following fee for the new self-financed institutions/courses started in the academic year 2013-14 on ad-hoc basis. The fee approved by the Committee is applicable for the year 2013-14 only. The said fees may be revised and regularized on the basis of actual expenditure of the respective institutions on completion of first financial year. The difference in the fees, if any, shall have to be either paid by candidate or by the institute, as the case may be. The institutions have to take undertaking from students who take admission in its college stating that he abide to pay or collect, as the case may be, the difference of fees, if any, upon regularization of fee by the Fee Regulatory Committee.

Sr. No.	Name of Program	Adhoc fee per annum (Rs.) for year 2013-14
1	DEGREE ENGINEERING	49000
2	DEGREE PHARMACY	49000
3	MBA	49000
4	MCA	49000
5	DIPLOMA ENGINEERING	29000
6	DIPLOMA PHARMACY	--
7	M. PHARM	89000
8	ME/M.TECH	79000
9	DEGREE ARCHITECTURE	57000
10	DEGREE HOTEL & TOURISM MGMT	49000


Officer on Special Duty
OFFICER ON SPL. DUTY
Fee Regulatory Committee
Ahmedabad



Rai University
EVOLVING THINKING MINDS

Ahmedabad

Annexure - 6

Copy of Notification for Admission in the Brochure of ACPC and ACPDC for all Running Courses

The Rai University, Ahmedabad in the State of Gujarat, established under the Gujarat Private Universities Act, 2009 by Government Notification No. GH/SH/8/GPU/2012/25/kh-1 dated 2.5.2012 and on Gazetted on 11 April 2012.

The Rai University, Ahmedabad established and incorporated under section 3 of the Gujarat private University Act, 2009 along with its amendment by Gujarat Act no 12 of 2012.

In exercise of the powers conferred by the Sub-section 2 of Section 26 of the Gujarat Private Universities (Amendment) Act, 2012, (Gujarat Act No.12 of 2012), the Governing Body of Rai University, Gujarat, adopted its First Statutes, ***which allow us to offer and run courses in the State of Gujarat for which our Academic Council and Board of Management have given approval.***

However Apart from Above Our Engineering and Engineering Diploma Courses are associated with ACPC and ACPDC:

1. Engineering Courses - Admission Committee for Professional Courses (ACPD), Dept of Technical Education, Govt of Gujarat and

(Refer website www.jacpldce.ac.in and our name can be seen on page no 71 of ACPC Admission Information Booklet.)

2. Engineering Diploma Courses - Admission Committee for Professional Diploma Courses (ACPDC)

(Refer website www.acpdc.in and our name can be seen on page no 6 of ACPDC Admission Information Booklet.)

KEY DATES (SCHEDULE)

FOR LATEST UPDATES SEE WEBSITE www.jacpcldce.ac.in and www.gujacpc.nic.in

Sr. No.	Activities	Date
1	Distribution of information booklets with PIN from designated branches of Bank	20.05.2013 to 04.06.2013
2	Online Registration & submission of filled Registration form with necessary documents at Help Centers	24.05.2013 to 05.06.2013
3	Finalisation of Seat Matrix	08.06.2013
4	Declaration of Provisional Merit List	10.06.2013
5	Choice Filling for Mock Round	10.06.2013 to 15.06.2013
6	Display Result of Mock Round	18.06.2013
7	Declaration of Final Merit List	20.06.2013
8	Final list of institutes and Seat Matrix	20.06.2013
9	Filling & Alteration of choices by the candidates for actual Admission: Round-1	20.06.2013 to 24.06.2013
10	Display of Filled & locked choices and reporting to ACPC if any discrepancy found	25.06.2013
11	Declaration of First Allotment List	27.06.2013
12	Deposition of Tuition Fees in the Bank and Reporting with original Documents/ certificates/ testimonials at Help Centers	27.06.2013 to 03.07.2013
13	Intimation to not-reporting students by SMS	04.07.2013
14	Choice filling for Candidates who have given consent for Management Quota admissions	04.07.2013 to 05.07.2013
15	Reporting at ACPC for not reported students	05.07.2013
16	Display of vacancy after Round-1	06.07.2013
17	Consent for Reshuffling and alteration of choices if any: Round-2	06.07.2013 to 08.07.2013
18	Declaration of Second Allotment List	10.07.2013
19	Deposition of Tuition Fees in the Bank and Reporting with original Documents/ certificates/ testimonials at Help Centers	10.07.2013 to 15.07.2013
20	Intimation to not-reporting students by SMS	16.07.2013
21	Reporting at ACPC for not reported students	17.07.2013
22	Display of vacancy after Round-2	18.07.2013
23	Commencement of Academic Term	18.07.2013



Commissionerate of Technical Education, Gujarat State

Admission Committee for Professional Courses (ACPC)

(Constituted under Section 4 of the Gujarat Professional Technical Educational Colleges or Institutions (Regulation of Admission and Fixation of Fees) Act. 2007 (Guj.2 of 2008))



ADMISSION BROCHURE (2013-14)

for

**Bachelor of Engineering and Technology Courses
for the Academic year 2013-14**

in

**Government, Grant-In-Aid and Self Financed Institutions
located in State of Gujarat**



**THE ADMISSION COMMITTEE FOR PROFESSIONAL COURSES
(GUJARAT STATE)**

L. D. College of Engineering Campus, Ahmedabad-380 015.

Phone : 079-26300360, Fax 079-26304118,

Visit us : www.jacpldce.ac.in and www.gujacpc.nic.in

HELP LINE NUMBER : 079-26855444 (24x7)

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KEY WORDS AND DEFINITIONS

Bank	A bank designated by ACPC for collection of registration charge and tuition fee
Branch	Discipline under which candidate would be offered a seat
Counselees	Candidates Qualified for Counseling
Course/stream	Various Courses like Bachelor of Engineering and Technology
Commissionerate	Commissionerate of Technical Education, Gandhinagar
Tuition Fee Waiver Scheme	Supernumerary seats over and above than sanctioned intake prescribed by AICTE from time to time
Help Center	An Institute providing help to the candidate for training, registration, choice selection, locking etc.
Intake	Sanctioned Intake as per AICTE (seats in a discipline)
Merit Number (Rank)	Unique Position of the counselees
Open Category	Seat available for all candidate participating in the counseling
Participating Institute	An Institute participating in counseling
Reserved categories	SC, ST, SEBC, DS, PH (sub category), Girls
Seat matrix	A table showing the available seats and its bifurcation among different categories as per the reservation policy of the State. The seat matrix is prepared institute, course/branch and category-wise.
Web based Counseling	Online Form Filling & Submission of Choices from any Internet point

ABBREVIATIONS & ACRONYMS

ACPC	The Admission Committee for Professional Courses
ACPDC	The Admission Committee for Professional Diploma Courses
AICTE	All India Council of Technical Education, New Delhi
CBSE	Central Board of Secondary Education
CCR	Central Control Room of ACPC, Located at LDCE Campus, Ahmedabad
DS	Ex / In Defense Service personnel
CTE	Commissionerate of Technical Education, Gandhinagar, Gujarat State
GEN	General
GOVT	Government of Gujarat
GTU	Gujarat Technological University, Ahmedabad
HC	Help Center
IB	International School Board
ISCE	Indian School Certificate Examination
JEE	Joint Entrance Examination
KM (J&K)	Kashmiri Migrants
MHRD	Ministry of Human Resources & Development
M.Mark	Merit Marks
MQ	Management Quota
NIC	National Informatics Center
NIOS	National Institute of Open Schooling
NRI	Non Resident Indian
PH	Physically Handicapped (person with Physical Disability)
PI	Participating Institutes
SC	Scheduled Caste of Gujarat State
SEBC	Socially and Educationally Backward Class of Gujarat State, including Widow candidate and Orphan of any caste of Gujarat State
SFI	Self Financed Institute
ST	Scheduled Tribe of Gujarat State
TFW	Tuition Fee Waiver
PPP	College run under Public-Private Partnership scheme (Semi Self Financed Institutes)

1. PREAMBLE

The Government of Gujarat, in the Legislative Assembly has passed an act, Act No.2 of 2008 called “Gujarat Professional Technical Educational Colleges or Institutions (Regulation of Admission and Fixation of Fees) Act, 2007” to make special provision for regulation of admission in the professional technical education colleges or institutions in the State and fixation of fees in such colleges or institutions and for matter connected therewith. As per the powers conferred to State Government, in Section 20(1) of the said Act, the Government of Gujarat, Education Department by way of a notification had constituted two different Committees called “**Admission Committee for Professional Courses (ACPC)**” and “**Admission Committee for Professional Diploma Courses (ACPDC)**” to regulate the admission of candidates to the professional degree and diploma courses respectively. The mission assigned to these Committees is to carry out the counseling process in a fair and transparent manner. The admission process is conducted by these Committees strictly on the basis of merit and the preference of the candidate. The functions of the Committee are as follows:

- The Committee shall supervise, monitor and control the entire process of admission to the candidates seeking admissions to the professional educational colleges or institutions.
- The Committee shall prepare the merit list in accordance with the provisions of the acts and the rules made there under.
- The Committee shall allocate the Government Seats and the Management Seats in accordance with the provisions of the acts and the rules made there under.
- The Committee shall ensure that admission in the Government Seats and the Management Seats are made as per the merit list prepared and that no candidate is admitted against the Management seats unless his name appears in the merit list.
- The Committee shall perform such other functions as may be assigned to it by the Government.

The ACPC deals with admission of Degree Engineering, Degree/Diploma Pharmacy, Degree Architecture, Degree in Hotel & Tourism Management, Diploma to Degree Engineering / Pharmacy and Post Graduate Engineering / Pharmacy and Post Graduate Business Management (MBA) and Computer Application (MCA).

Government has successfully launched web based online admission procedure from the year 2009-10 in association with National Informatics Center (NIC). From this academic year all admission to technical professional courses will be carried out through online web-based process. Online web-based admission process proved to be most accurate, transparent and time and cost effective.

2. ADMISSION RULES

NOTIFICATION
EDUCATION DEPARTMENT
SACHIVALAYA, GANDHINAGAR.

Dated 30th April, 2013

Gujarat
Professional
Technical
Educational
Colleges or
Institutions
(Regulation of
Admission and
Fixation of Fees)
Act, 2007.

No. GH/SH/11/2013/PVS/102012/142/S:- In exercise of the powers of conferred by sub-section (1) of section 20 read with section 4 of the Gujarat Professional Technical Educational Colleges or Institutions (Regulations of Admission and Fixation of Fees) Act, 2007 (Guj. 2 of 2008), the Government of Gujarat, in supersession of the all the rules made in this behalf, hereby makes the following rules to regulate admission to the Bachelor of Engineering and Technology and Payment of Fees, as follows, namely:-

1. Short Title and Commencement.-

- (1) These rules may be called the Bachelor of Engineering and Technology (Regulation of Admission and Payment of Fees) Rules, 2013.
- (2) They shall come into force on the date of their publication in the *Official Gazette*.

2. Definitions.-

- (1) In these rules, unless the context otherwise requires,—
 - (a) “Act” means the Gujarat Professional Technical Educational Colleges or Institutions (Regulation of Admission and Fixation of Fees) Act, 2007 (Guj. 2 of 2008);
 - (b) “Admission” for the purpose of these rules means admission of candidates in the Bachelor of Engineering and Technology courses;
 - (c) “JEE (Main)” means ‘Joint Entrance Examination’ conducted by JEE Apex Board (JAB), New Delhi for the purpose of admissions to the professional courses (Under Graduate Engineering Programmes);
 - (d) “Gujarat Board” means the Gujarat Secondary and Higher Secondary School Examination Board established under section 3 of the Gujarat Secondary and Higher Secondary Board Act, 1972;

Guj.18
of 1973.

- (e) “Engineering Courses” means the Bachelor of Engineering and Technology in the Professional Educational Colleges or Institutions of the State;
 - (f) “Help Centers” means the Center notified by the Admission Committee for facilitation of the candidate for off campus online admission process;
 - (g) “percentile marks” means the percentile score obtained by the candidate after normalising the marks obtained by him in the Board with respect to the marks from other Boards;
 - (h) “Qualifying Examination” means the Higher Secondary School Certificate Examination, (Standard XII, 10+2 pattern) passed in the Science Stream or equivalent examination;
 - (i) “Website” means the official website of the Admission Committee to carry out off campus online admission process;
 - (j) “Supernumerary seats” shall have the meaning assigned to it in clause (//) of section 2 of the Act.
- (2) The words and expressions used in these rules but not defined shall have the same meanings as assigned to them in the Act.

3. Admission to Engineering Courses.-

Admission to the First Year of the Bachelor of Engineering and Technology shall be given as under, namely:-

- (1) All the Government Seats shall be filled in on the basis of merit list prepared by the Admission Committee constituted under section 4 of the Act, for admissions to the First Year of the Engineering and Technology Courses.
- (2) All the Management Seats shall be filled in by the management of the respective Professional Educational College or Institution, on the basis of *inter-se* merit list of the candidates whose names appear in the merit list prepared by the Admission Committee.

4. Seats Available for Admission.-

- (1) For the purpose of admission to the first year Engineering Courses, available seats shall include,-

A. Government Seats:-

- (1) All the sanctioned seats of the Engineering and Technology Courses in the Government Colleges or Institutions of the State,
- (2) All the sanctioned seats of the Engineering and Technology Courses in the aided Colleges or Institutions,
- (3) Seventy-five percent of the total sanctioned seats of the Engineering and Technology Courses in the unaided Colleges or Institutions, and
- (4) All supernumerary seats of the professional courses in the Government colleges or institutions and in the aided and unaided Colleges or Institutions.

B. Management Seats:-

- (1) Twenty-five percent seats of the total sanctioned seats of the Engineering and Technology Courses in the unaided Colleges or Institutions, including fifteen percent Non-Resident Indian seats,
- (2) The intimation received, in respect of sanction of seats, by the Admission Committee three days prior to the commencement of the first counseling program, shall be considered as available seats, and

- (3) If any unaided College or Institution requests to fill up the Management Seats by the Admission Committee, three days prior to the commencement of the counseling program, such Management Seats shall also be considered as available for giving admissions.
- (4) If any unaided College or Institution requests to fill up the Management Seats (up to 5% of the sanctioned intake) from the out of the State students, such seats shall be filled by the Admission Committee on the basis of JEE (Main). Intimation for filling up such seats shall be made by unaided institute three days prior to the commencement of the counseling program. Such seats, if remains vacant after the counseling programs, shall be filled as vacant seats by the Institute.

5. Eligibility for Admission.-

- (1) For the purpose of admission, a candidate shall have passed the Qualifying Examination with minimum eligibility criteria of percentage of marks in subjects prescribed by AICTE from time to time from,-
 - (i) the Gujarat Board; or
 - (ii) the Central Board of Secondary Education:
Provided that,
 - (a) the school in which the candidate has studied, shall have been located in the State of Gujarat; or
 - (b) the school in which the candidate has studied, shall have been located in the Union Territories of Daman and Diu or Dadra and Nagar Haveli and whose parents are of Gujarat origin; or
 - (iii) the Council of Indian School Certificate Examination, New Delhi:
Provided that,
 - (a) the school in which the candidate has studied, shall have been located in the State of Gujarat; or
 - (b) the school in which the candidate has studied, shall have been located in the Union Territories of Daman and Diu or Dadra and Nagar Haveli and whose parents are of Gujarat origin; or
 - (iv) the National Institute of Open Schooling:
Provided that,
 - (a) the study Center/school in which the candidate has studied, shall have been located in the State of Gujarat; or
 - (b) the study Center/school in which the candidate has studied, shall have been located in the Union Territories of Daman and Diu or Dadra and Nagar Haveli and whose parents are of Gujarat origin; or
 - (v) the International School Board:
Provided that,
 - (a) the study Center/school in which the candidate has studied, shall have been located in the State of Gujarat; or
 - (b) the study Center/school in which the candidate has studied, shall have been located in the Union Territories of Daman and Diu or Dadra and Nagar Haveli and whose parents are of Gujarat origin; and
 - (vi) have appeared in JEE (Main) conducted in the corresponding academic year.

- (2) A candidate whose parents are of Gujarat origin and are serving out of the Gujarat in the service of Central Government or other State Government, Armed Forces, Boards or Corporations owned or controlled by the Central Government or other State Government or any nationalised bank and who has passed the qualifying examination from the State where parents are serving and has appeared in the JEE (Main) conducted in the corresponding academic year, shall be eligible for admission and his candidature shall be included in the merit list prepared in accordance with the provisions of rule 11.
- (3) A candidate who has passed the Qualifying Examination from any other State and, -
- has appeared in JEE (Main) conducted in the corresponding academic year; and
 - whose parents are serving in the category of services as shown below and who are transferred from other States to Gujarat and have resumed their duties in the place where they are transferred in Gujarat and shall remain so transferred in the State of Gujarat at the time of registration for admission, shall be eligible for admission and his candidature shall be included in the merit list prepared in accordance with the provisions of rule 11.

Category of Services:

- Officers or Employees of Central Government; or
 - Officers or Employees of Public Sector Undertakings of Central Government or any State Government; or
 - Officers or Employees of nationalized banks; or
 - Officers or Employees of United Nations, UNICEF, World Health Organization and such other International Institutions located in Gujarat State; or
 - Gujarat Cadre Officers of Indian Administrative Service, Indian Police Service or Indian Forest Service working in Gujarat or working in other States on deputation; or
 - Officers or Employees of Gujarat Government posted outside Gujarat State for administrative reasons.
- (4) A candidate who has,-
- studied under Jawahar Navodaya Vidyalaya Scheme up to Standard VIII in any of the schools located in the State of Gujarat, and
 - thereafter studied in any of the schools located out of the State of Gujarat under the said scheme, and
 - has passed Qualifying Examination from a Navodaya Vidyalay located outside Gujarat State, and
 - appeared in the JEE (Main) conducted in the corresponding academic year shall be eligible for admission and his candidature shall be included in the merit list prepared in accordance with the provisions of rule 11.
- Explanation.-** “Jawahar Navodaya Vidyalaya Scheme” means the Jawahar Navodaya Vidyalaya scheme started during the year 1985-86 by the Government of India in accordance with the National Policy of Education. The scheme is managed by Navodaya Vidyalaya Samiti, an autonomous organisation under the Department of Education, Ministry of Human Resource Development, Government of India.
- (5) A candidate who has passed the qualifying examination after appearing in the supplementary examination conducted by the Board shall be eligible for admission in the current academic year on the vacant seats declared under rule 19.
- (6) Notwithstanding anything contained in these rules, admission in the Bachelor of Technology course, in -

- (i) the Dhirubhai Ambani Institute of Information and Communication Technology established under the Dhirubhai Ambani Institute of Information and Communication Technology Act, 2003 shall be granted in the following manner, namely:- **Guj. 6 of 2003.**
- (a) Fifty percent seats of the total sanctioned seats shall be filled as Government seats from the candidates who have passed the Qualifying Examination from the schools located in the State of Gujarat and have appeared in JEE (Main) Examination for the corresponding academic year, by the Admission Committee on the basis of the merit list prepared by the Admission Committee.
 - (b) Fifty percent seats shall be filled by the Dhirubhai Ambani Institute of Information and Communication Technology from the candidates who have passed the Qualifying Examination from the schools located in India (including Gujarat State) and have appeared in JEE (Main) Examination for the corresponding academic year. Merit list for these seats shall be based on percentile score in JEE (Main) examination.
- (ii) the Nirma University established under the Nirma University Act, 2003 shall be granted in the following manner, namely:- **Guj. 10 of 2003.**
- (a) Fifty percent seats of the total sanctioned seats shall be filled as Government seats from the candidates who have passed the Qualifying Examination from the schools located in the State of Gujarat and have appeared in JEE (Main) Examination for the corresponding academic year, by the Admission Committee on the basis of the merit list prepared by the Admission Committee.
 - (b) Thirty five percent seats shall be filled by the Nirma University from the candidates who have passed the Qualifying Examination from the schools located in India (including Gujarat State) and have appeared in JEE (Main) Examination for the corresponding academic year. Merit list for these seats shall be based on percentile score in JEE (Main) examination.
 - (c) Fifteen percent seats shall be filled by the Nirma University as NRI seats from the candidates who have passed the Qualifying Examination from the schools located in India (including Gujarat State) or abroad. Seats shall be filled in accordance with the guidelines issued by the Admission Committee in this behalf.
- (iii) the Pandit Deendayal Petroleum University established under the Pandit Deendayal Petroleum University Act, 2007 shall be granted in the following manner, namely:- **Guj. 14 of 2007.**
- (a) Fifty percent seats of the total sanctioned seats shall be filled as Government seats from the candidates who have passed the Qualifying Examination from the schools located in the State of Gujarat and have appeared in JEE (Main) Examination for the corresponding academic year, by the Admission Committee on the basis of the merit list prepared by the Admission Committee;
 - (b) Fifty percent seats shall be filled by the Pandit Deendayal Petroleum University from the candidates who have passed the Qualifying Examination

from the schools located in India (including Gujarat State) and have appeared in JEE (Main) Examination for the corresponding academic year. Merit list for these seats shall be based on percentile score in JEE (Main) examination.

- (iv) the Institute of Infrastructure, Technology, Research And Management established by Institute of Infrastructure, Technology, Research And Management Act, 2012 (Guj. 5 of 2013) shall be granted in the following manner, namely:-
- (a) Fifty percent seats of the total sanctioned seats shall be filled as Government seats from the candidates who have passed the Qualifying Examination from the schools located in the State of Gujarat and have appeared in JEE (Main) Examination for the corresponding academic year, by the Admission Committee on the basis of the merit list prepared by the Admission Committee;
- (b) Fifty percent seats shall be filled by the Central Counseling Board established by the Government of India from the candidates who have passed the Qualifying Examination from the schools located in India (including Gujarat State) and have appeared in JEE (Main) Examination for the corresponding academic year. Merit list for these seats shall be based on 60% weightage of JEE (Main) and 40 % weightage of normalized board marks or other qualifying examination as decided by Central Counseling Board.
- (v) the Institute Navrachna University established under the Gujarat Private Universities Act, 2009 (Guj.8 of 2009) shall be granted in the following manner, namely:-
- (a) Seventy five percent seats of the total sanctioned seats shall be filled as Government seats from the candidates who have passed the Qualifying Examination from the schools located in the State of Gujarat and have appeared in JEE (Main) Examination for the corresponding academic year, by the Admission Committee on the basis of the merit list prepared by the Admission Committee;
- (b) Twenty five percent seats shall be filled by the Navrachna University from the candidates who have passed the Qualifying Examination from the schools located in India (including Gujarat State) and have appeared in JEE (Main) Examination for the corresponding academic year. Merit list for these seats shall be based on percentile score in JEE (Main) examination.

6. Reservation of Seats.-

- (1) For the purpose of admission, the seats shall be reserved for the candidates who are of Gujarat origin and falling under the following categories and in following proportion, namely:-
- | | |
|--|-------|
| (a) Scheduled Castes | : 7 % |
| (b) Scheduled Tribes | : 15% |
| (c) Socially and Educationally Backward Classes,
including Widows and orphan of any caste | : 27% |
- (2) A candidate seeking admission on reserved seat shall be required to produce a Certificate of Caste: Provided that the candidate belonging to Socially and Educationally Backward Classes shall be required to produce a certificate to the effect of non-inclusion in Creamy Layer in addition to the caste certificate.
- (3) No caste certificate shall be valid unless it is duly stamped, signed and issued by the authority empowered by the Government of Gujarat.

- (4) No certificate to the effect of non-inclusion in Creamy Layer shall be valid, unless it is duly stamped, signed and issued by the authority empowered by the Government of Gujarat. Such certificate shall have been issued on or after the 1st April of the academic year in which the candidate is seeking admission.
- (5) If a candidate fails to submit the certificates as required under sub-rule (2) within the stipulated time, his candidature shall be considered for admission under unreserved category.
- (6) If a candidate of reserved category gets admission on unreserved seat in order of merits, he may be given admission on the unreserved seat according to his preference.
- (7) The admission of a candidate of a reserved category on a reserved seat shall be valid subject to the verification of caste certificate issued to him by the authority empowered by the State Government in this behalf. In case the caste certificate is found to be invalid on verification, he shall not have right to claim his admission on reserved seat and if he has already been granted admission, such admission shall be cancelled. Admission of such candidate may be continued in case of availability of vacant unreserved seats, subject to the condition of eligibility of merit.
- (8) After granting admission to all the candidates of reserved categories on respective reserved seats, the reserved category seats remaining vacant shall be transferred to the unreserved category seats.

7. Reservation For Physically Disabled Candidates.-

Three percent of the available seats in each category shall be reserved, in accordance with the provisions of the Persons With Disabilities (Equal Opportunities, Protection of Rights and Full Participation) Act, 1995, for the persons with disability who can perform the academic activities in the respective course. A candidate with disability shall have to submit certificate of disability issued and duly signed by the Civil Surgeon.

1 of
1996.

Explanation.- “person with disability” means a person suffering from not less than forty per cent. of any disability as certified by a competent medical authority.

8. Reservation for the Children of Defence Personnel and Ex-Servicemen.-

- (1) One percent of available seats shall be reserved for the children of Defense personnel and *Ex-Servicemen*, for admission.
- (2) A candidate claiming admission against *Ex-Servicemen* category shall be required to submit a certificate to that effect duly issued by the Director, Sainik Welfare Board, Gujarat State or by the District Sainik Welfare Officer. In-Service Defence personnel shall be required to submit certificate to that effect duly issued by the Commanding Officer of the respective unit in which they are serving.
- (3) The seats remaining vacant against the category of Defence Personnel and *Ex-Servicemen* shall be filled up from the merit list of unreserved category candidates.
- (4) The children of Defence Personnel and *Ex-Servicemen* of Gujarat origin shall be included under the reserved category specified in this rule, if they have passed the qualifying examination from the schools located outside the Gujarat State and have appeared in the JEE (Main) conducted in the corresponding academic year.

9. Distribution of Seats between Candidates of Gujarat Board and Other Boards.-

For the purpose of admission, the available seats shall be distributed based on the merit list prepared in under sub- rule (1) of under rule 11:

Provided that if percentile marks are not available from any of the Boards mentioned in the sub-rule (1), sub-rule (2), sub-rule (3) or, as the case may be, sub-rule (4) of rule 5, then the available seats shall be distributed between candidates of the Boards for which percentile marks are available and other Boards for which percentile marks are not available, on pro-rata basis taking into consideration the two merit lists prepared as per the provisions of sub-rule (1) of rule 11.

10. Supernumerary Seats.-

- (1) The supernumerary seats shall be filled in accordance with the directions of the All India Council of Technical Education, New Delhi and Ministry of Human Resource Development, Government of India.
- (2)
 - (i) The Tuition Fee Waiver Scheme shall be applicable to all the sanctioned seats of the Engineering and Technology courses in the Government colleges or institutions, grant-in-aid colleges or institutions and unaided colleges or institutions approved by AICTE, New Delhi;
 - (ii) the supernumerary seats not exceeding five percent of sanctioned intake of the colleges or institutions shall be filled on the basis of merit of the candidate, whose parents' annual income is less than Rs.4.5 lakhs from all sources of income;
 - (iii) the supernumerary seats not exceeding 15% of the sanctioned intake of all the Government Colleges or institutions, grant-in-aid colleges or institutions or unaided Colleges or Institutions approved by AICTE shall be filled with the candidates falling under the category of Foreign Nationals or Persons of Indian Origin (PIO) or Indian workers in Gulf countries, subject to the condition that up to 1/3rd of the 15% shall be reserved in the different disciplines in all the colleges or institutions, for the Children of Indian workers in the Gulf Countries. The Foreign Nationals or Persons of Indian Origins (PIO) or the children of Indian Workers in the Gulf Countries admitted through Indian Council for Cultural Relation (ICCR) or Government of India nominee shall be included in their respective category;
 - (iv) the supernumerary seats which remain vacant shall not be offered to any one other than the respective category ;
 - (v) the Tuition Fee Waiver Scheme shall be for the complete duration of the course and the candidate admitted under this scheme shall not be allowed to change the institution or the course in any circumstances.
- (3)
 - (a) Notwithstanding anything contained in these rules, two supernumerary seats in each college or institute shall be filled by the candidates who are migrants of the State of Jammu and Kashmir, in accordance with the directions from the All India Council of Technical Education, New Delhi and Ministry of Human Resource Development, Government of India, subject to the eligibility criteria prescribed in these rules;
 - (b) such candidate shall be exempted from appearing in the JEE (Main).

11. Preparation of Merit List.-

The merit list of the candidates who have applied for admission in the manner prescribed by the Admission Committee, within the prescribed time limit and who are found eligible for admission under these rules, shall be prepared in the following manner, namely:-

- (1) For the candidates who have passed the Qualifying Examination from any of the Boards mentioned in the sub-rule (1), sub-rule (2), sub-rule (3) or, as the case may be, sub-rule (4) of Rule 5, sum of sixty percentage weightage of the percentile marks obtained in the theory subjects (Physics, Chemistry and Mathematics) and forty percentage weightage of the percentile marks obtained in the JEE (Main) shall be the merit marks:

Provided that if percentile marks are not available from any of the Boards mentioned in the sub-rule (1), sub-rule (2), sub-rule (3) or, as the case may be, sub-rule (4) of Rule 5, two separate merit lists shall be prepared namely :-

- (i) The first merit list shall include the candidates who have passed the Qualifying Examination from the Boards for which the percentile marks are available. The merit list shall be prepared with sixty percentage weightage of the percentile marks obtained in the theory subjects (Physics, Chemistry and Mathematics) combined with forty percentage weightage of the percentile marks obtained in the JEE(Main).
 - (ii) The second merit list shall include the candidates who have passed the Qualifying Examination from the Boards for which the percentile marks are not available. This shall be based on sixty percentage weightage of marks obtained in theory of the subjects (Physics, Chemistry and Mathematics) after converting it to 100 combined with the forty percentage weightage of the percentile marks obtained in the JEE (Main).
- (2) The criteria for deciding merit order in case of candidates having equal merit marks shall be based on the percentage of marks obtained in the Qualifying Examination in the following sequence, namely:-
 - (a) Mathematics and Physics
 - (b) Mathematics and Chemistry
 - (c) Physics and Chemistry
 - (d) Mathematics
 - (e) Physics
 - (f) Chemistry
 - (g) English
 - (h) Aggregate marks

12. Correction of Marks.-

- (1) In case of change in marks of a candidate in the Qualifying Examination, such candidate shall produce a letter to that effect issued by the competent authority or the corrected mark sheet issued by the Board, before the Admission Committee at least one day before the commencement of admission process (counseling program) but not later than seven days from the receipt of letter or, as the case may be, corrected mark-sheet. In such case he shall be placed at an appropriate order in the merit list.
- (2) The candidate who was declared failed initially in the Qualifying Examination, but later on declared passed after rechecking of marks by the Board, such candidate shall, notwithstanding any time limit prescribed, be allowed to apply for the admission, provided he produces a letter to that effect issued by the competent authority or the corrected mark sheet issued by the Board, within seven days of the receipt of letter or, as the case may be, corrected mark-sheet. In such case he shall be placed at an appropriate order in the merit list.

13. Registration for Admission.-

- (1) A candidate seeking admission shall apply on-line, for the registration of his candidature, on the web-site, within the time limit specified by the Admission Committee.
- (2) The Admission Committee shall, by advertisement in the prominent newspapers widely circulated in the State, by web-site and by such other means, as it may consider convenient, publish the date of registration, the list of Help Centers, last date for submission of registration form, courses offered and such other information as may be necessary in this behalf.
- (3) For the purpose of registration, a candidate shall be required to make payment of such sum towards the Registration fee, etc. as determined by the Admission Committee.
- (4) Where a candidate has made more than one registrations, the registration made at the later stage shall be taken into consideration for admission purpose and the other registration shall be treated as cancelled.
- (5) A candidate shall be required to obtain the print out of the registration form and shall sign and submit the same, along with the self-attested copies of the requisite certificates and testimonials as specified in the registration form, at the Help Center. An acknowledgement receipt for the same shall be given by the person authorised by the Admission Committee.

14. Admission Procedure.-

The admission procedure shall be off campus online in the following manner, namely:-

- (1) The Admission Committee shall prepare merit lists of the eligible candidates who have applied under sub-rule (1) of rule 13, after verification of the documents submitted under sub-rule (5) of rule 13.
- (2) The merit lists shall be displayed on the web-site of the Admission Committee and by such other means, as the Committee may consider convenient.
- (3) The Admission Committee shall publish the schedule of online counseling program on its web-site, by advertisement in the prominent newspapers widely circulated in the State, and by such other means, as it may consider convenient.
- (4) The candidate shall be required to indicate his order of choices of courses and colleges or institutions, online. Allotment of seats shall be made on the basis of merit, category of the candidate and availability of seats. The allotment of seats shall be published on the web-site of the Committee. The candidates are required to obtain the print out of the Information letter and bank fee receipt copies from the website.
- (5) The candidate shall be required to pay such fee, as may be determined by the Admission Committee.
- (6) The candidate, for securing his admission, shall produce at the Help Center, the allotment letter, receipt of fee, all original documents and testimonials, for verification, within the specified time limit. Such candidate shall be eligible to participate in the successive rounds of counseling provided he has given option for the same. In case, the candidate fails to produce the aforesaid required documents within prescribed time limit, the admission offered to him shall be treated as cancelled.
- (7) Where considerable number of seats fall vacant and it appears to the Admission Committee to fill the vacant seats, it may conduct the on-line admission process for readjustment (reshuffling) of seats. The candidate, who opts to partake in reshuffling process, shall be considered for such admission. The candidate may either give option for up gradation of choices already given or submit new choices. If the candidate gets the admission on the basis of up-gradation or new choice, then his earlier admission shall be treated as cancelled.

15. Fee.-

- (1) A candidate who gets admission in the Government or aided college or institution shall have to pay such fees, as may be determined by the Government, at such stages, as may be determined by the Admission Committee.
- (2) A candidate who gets admission in unaided colleges or institutions shall have to pay such fees, as may be determined by the Fee Regulatory Committee constituted under section 9 of the Act, for unaided colleges or institutions, at such stages, as may be determined by the Admission Committee.
- (3) If a candidate, who has paid the fees after getting admission, gets his admission cancelled, his fees shall be refunded after completion of the admission process, provided that the seat vacated by him is filled by another candidate.
- (4) If a candidate who has paid the fees after getting admission and gets his admission changed in another course and/or college or institution in the readjustment (reshuffling) process, he shall pay the difference of fees, if any, at the time of getting admission or, as the case may be, fees shall be refunded after the completion of admission process.

16. Documents to be Attached with the application.-

- (1) The candidate shall submit the self-attested copies of the following documents along with the print out of the registration form at the Help Center, namely:-
 - (i) S.S.C. Examination (Std. X) Mark-sheet,
 - (ii) H.S.C. Examination (Std. XII) Mark-sheet,
 - (iii) JEE (Main) Mark-sheet,
 - (iv) School Leaving Certificate or Transfer Certificate,
 - (v) Caste certificate for a candidate belonging to Scheduled Castes (SC), Scheduled Tribes (ST) and Socially and Educationally Backward Classes (SEBC), issued by the authority empowered by the State Government in this behalf,
 - (vi) Non Creamy Layer (NCL) certificate of the family, issued after 1st April of the relevant academic year, by the authority empowered by the State Government in this behalf,
 - (vii) Certificate of Physical Disability, issued and duly signed by the Civil Surgeon/ competent Medical Authority, in case the candidate is a Physically Handicapped,
 - (viii) Certificate of *Ex-Serviceman*, duly issued by the Director, Sainik Welfare Board, Gujarat State or by the District Sainik Welfare Officer,
 - (ix) A copy of certificate of In-Serviceman duly issued by the Commanding Officer of the respective unit in which he is serving,
 - (x) A copy of certificate of income issued by the authority empowered by the State Government in this behalf, if applicable,
 - (xi) Photograph of candidate for other State / other than Gujarat Secondary and Higher Secondary School Examination Board, and
 - (xii) Such other certificates as the Admission Committee deems necessary.
- (2) After getting the information letter, the candidate shall have to produce for verification, the original certificates and testimonials of the documents attached with the registration form, at the Help Center, within time-limit as may be specified by the Admission Committee.

- (3) The Help Center may retain any original certificate or testimonial, which it considers necessary until the admission process is completed. Such Help Center shall return the original certificate or testimonial to the candidate after completion of the admission process.
- (4) The candidate who is unable to produce original certificates and testimonials necessary for the purpose of admission within the time-limit prescribed in sub-rule (2), he may be granted provisional admission, subject to following conditions, namely:-
 - (i) On payment of Rs. 10,000/- (Rupees Ten thousand) to the Admission Committee as security deposit by the candidate. If the candidate submits the required documents within a period of three working days, the remaining amount of the security deposit shall, after deducting Rs. 500/- (Rupees Five hundred) towards the administrative expenditure, be refunded.
 - (ii) In the event of failure to submit original certificates and testimonials within the time limit as aforesaid, the provisional admission may be cancelled and the security deposit may be forfeited.

17. Ineligibility for admission on production of false documents.-

During verification of documents or subsequently, if the Admission Committee / Help Centers finds any certificate or testimonial or information submitted by any candidate, incorrect or false, the candidature of such candidate shall be cancelled for that year and he shall be disqualified for admission for the period of next two years.

18. Cancellation of Admission and Refund of Fee.-

- (1) In case of cancellation of admission or transfer of candidate by the Admission Committee, due to administrative reasons, the college or institution in which the candidate was granted admission shall refund the fee collected by it, to such candidate.
- (2) In case of cancellation of admission due to failure of candidate to get himself reported at the Help Center within the specified time limit as prescribed in sub-rules (6) of rule 14, or for such other reason as the Admission Committee may consider reasonable, and subject to the condition of such vacated seat being filled up by the Admission Committee, the fees collected from such candidate shall be refunded after completion of the admission process, after deduction of such amount as the Admission Committee may determine.
- (3) (a) In case of a candidate withdrawing his candidature before completion of admission process, for any reason whatsoever, he may request in writing to the Admission Committee for such withdrawal. In such case, the fee collected, if any, by the Admission Committee shall be refunded to such candidate, subject to the condition of such vacated seat being filled up by the Admission Committee.
(b) In case of a candidate withdrawing his candidature after completion of admission process, for any reason whatsoever, he may request in writing to the college or institution in which he is granted admission, for refund of fee paid by him. In such case the fee shall be refunded, by such college or institution, as per the directions of the Admission Committee.

19. Vacant Seats.-

- (1) After offering admission to all the candidates whose names appear in the merit list or after completion of the admission process, if the seats remain vacant, such vacant seats shall be filled by the institutes, in accordance with the directions of the Admission Committee and in the manner prescribed in sub-rule (2).

- (2) Such institute shall, invite application from the eligible candidates and prepare an inter-se merit-list in the following order, namely:-
- (i) names of the candidates whose name appears in the merit list of the Admission Committee,
 - (ii) candidates who has cleared the Qualifying Examination in the supplementary examination,
 - (iii) names of the candidates who have passed qualifying examination from outside the Gujarat State and have appeared in JEE(Main) conducted in the corresponding academic year, giving priority to the candidates of Gujarat origin,
 - (iv) after allotting the seats to candidates mentioned in sub-clause (i), (ii) and (iii) above, if any seat remains vacant, the institute shall invite application from the candidates who have passed diploma engineering or degree Science course and grant admission on merit. Such candidates shall be eligible for admission in first year of Engineering and Technology only.

20. Admission to Unaided Colleges or Institutions.-

- (1) The Management Seats may be filled, by the management of the respective unaided colleges or institutions based on the *inter-se* merit list of the candidates whose names appears in the merit list prepared by the Admission Committee:
Provided that no candidate shall be admitted against the management seat unless his name appears in the merit list prepared by the Admission Committee:
Provided further that where any Non Resident Indian seat remains vacant, such seat shall be filled in from the Management Seat:
Provided also that where any management seat remains vacant, such seat shall be filled by the Admission Committee as Government Seat.
- (2) The admission process for filling up of Management Seats shall be carried out by the management of the respective unaided colleges or institutions in accordance with the procedure as may be determined by the Admission Committee.
- (3) The unaided colleges or institutions shall collect the fees, as may be determined by the Fee Regulatory Committee, constituted under section 9 of the Act and such other fees as provided under the provisions of the Act.

21. Penalty.-

Any breach of any of the provisions of the Act, or the rules or any directions issued by the Government, the Admission Committee or, as the case may be, the Fee Regulatory Committee, by any person, shall be liable to penalty as provided in the Act.

22. Interpretation.-

In implementation of the provisions of these rules, if any difficulty or question arises as to the interpretation of any provision, the decision of the State Government shall be final.

By order and in the name of the Governor of Guajrat,

sd/-
(NILESH TRIVEDI)
Deputy Secretary to Government.

3. GUIDELINES FOR ONLINE ADMISSION 2013–14

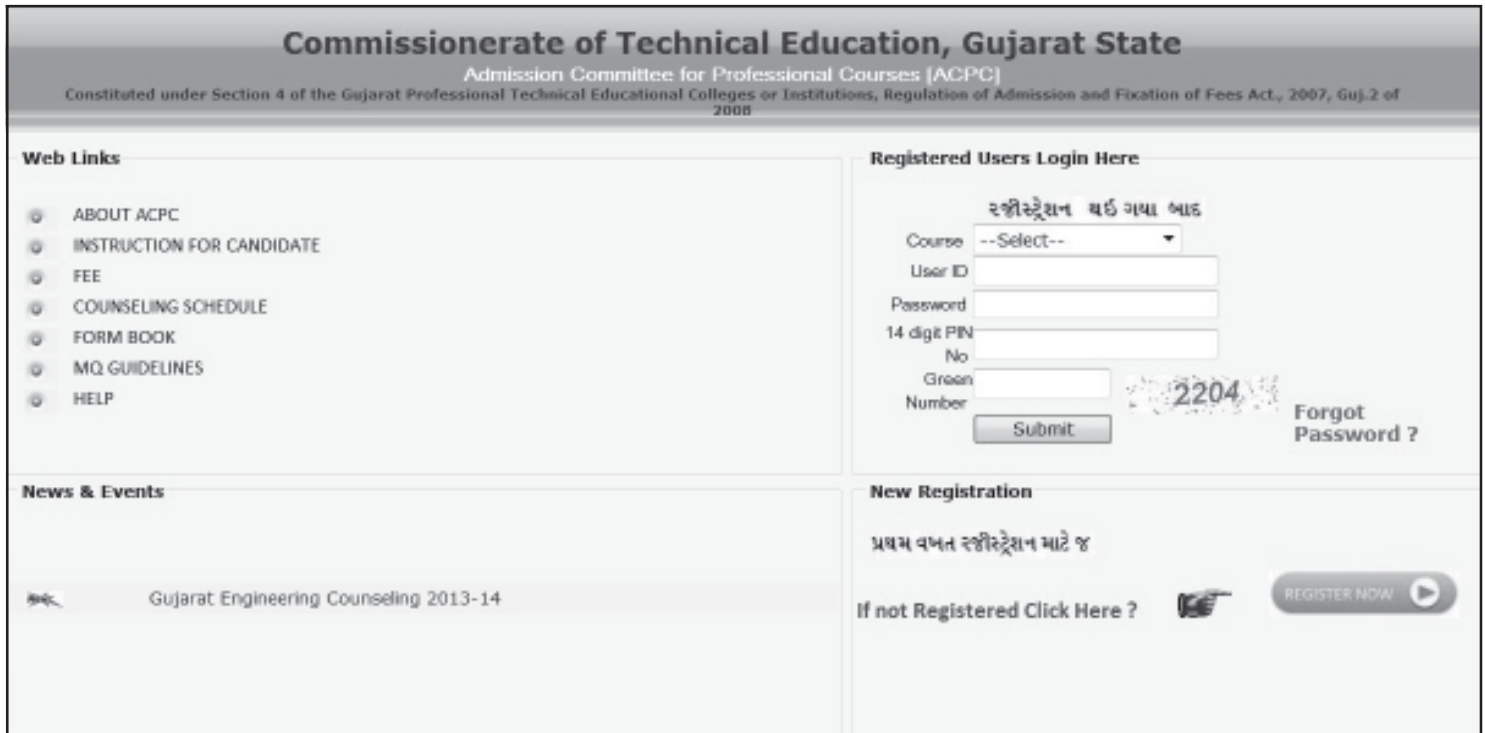
(Information booklet and PIN can be obtained by the candidate from any of the designated branches of Punjab National Bank. The details of the branches of Punjab National Bank, from which booklet and PIN can be obtained are given in Section-13.

(ઉમેદવારોને માહિતી પુસ્તિકા અને PIN નક્કી કરાયેલ પંજાબ નેશનલ બેંકની શાખાએ મળી શકશે. પંજાબ નેશનલ બેંકની નક્કી કરાયેલી શાખાઓની યાદી સેક્શન-૧૩માં આપવામાં આવેલી છે.)

3.1 PROCEDURE FOR ONLINE REGISTRATION: (ઓનલાઇન રજિસ્ટ્રેશનની પ્રક્રિયા)

1. Gujarat Board / CBSE / ISCE / NIOS / IB students who have passed HSC Examination (Science Stream) from Gujarat State have to log on to the website www.gujacpc.nic.in from anywhere on the internet for Online Registration. The window as shown in Fig 3.1 will appear on the computer screen.

1. ગુજરાત બોર્ડ / CBSE / ISCE / NIOS / IB નાં વિદ્યાર્થીઓ કે જેમણે ધો. ૧૨ (વિ.પ્ર.)ની પરીક્ષા ગુજરાત રાજ્યમાં ઉત્તિર્ણ કરેલ છે, તેઓએ વેબસાઇટ www.gujacpc.nic.in પર ઈન્ટરનેટની મદદથી લોગ ઓન કરી ઓનલાઇન રજિસ્ટ્રેશન કરાવવાનું રહેશે. Fig 3.1 માં દર્શાવ્યા મુજબની કોમ્પ્યુટર સ્ક્રીન દેખાશે.



The screenshot shows the website interface for the Commissionerate of Technical Education, Gujarat State. The header includes the name of the organization and its legal basis. The main content area is divided into several sections:

- Web Links:** A list of links including ABOUT ACPC, INSTRUCTION FOR CANDIDATE, FEE, COUNSELING SCHEDULE, FORM BOOK, MQ GUIDELINES, and HELP.
- Registered Users Login Here:** A login form with fields for Course (a dropdown menu), User ID, Password, 14 digit PIN, No, and Green Number. A 'Submit' button is present, along with a 'Forgot Password?' link.
- News & Events:** A section with a news item titled 'Gujarat Engineering Counseling 2013-14'.
- New Registration:** A section with a 'REGISTER NOW' button and a link for 'If not Registered Click Here?'.

Fig 3.1 Screen of “www.gujacpc.nic.in”

2. To register as a new candidate click the **Register Now** button. By doing so, **New Registration** window will be displayed on the computer screen as shown in Fig. 3.2.

2. પ્રથમ વખત ઉમેદવારી કરતી વખતે **Register Now** બટન પર ક્લિક કરવું. આમ કરવાથી કોમ્પ્યુટર સ્ક્રીન ઉપર Fig. 3.2. મુજબની **New Registration** વિન્ડો દેખાશે.



Commissionerate of Technical Education, Gujarat State
Admission Committee for Professional Courses [ACPC]
Constituted under Section 4 of the Gujarat Professional Technical Educational Colleges or Institutions, Regulation of Admission and Fixation of Fees Act., 2007, Guj.2 of 2008

You are accessing this website through the IP Address: 59.95.194.123

First step for registration "Please enter your details very carefully"

Course Name : --Select--
--Select--
Degree Engineering

Designed and Developed by
Education Informatics Division
National Informatics Centre
Ministry of Communications & Information Technology
Government of India
New Delhi

Fig. 3.2 Screen of "New Registration Window"

3. The candidate has to choose his course name by selecting the option of choice for degree Engineering discipline from the combo and **wait till the other details appear on the computer screen.**
3. ઉમેદવારે તેઓના અભ્યાસક્રમની પસંદગી Degree Engineeringની ઉપલબ્ધ પસંદગીના કોમ્બોમાંથી કરવાની રહેશે અને જ્યાં સુધી આગળની માહિતી કોમ્પ્યુટર સ્ક્રીનમાં ન દેખાય ત્યાં સુધી રાહ જોવાની રહેશે.
4. After that, enter **JEE-Main 2013 Roll Number and Application number** as per the **JEE-Main 2013 mark sheet**, 14 digit **PIN** as given with booklet, **Name** as per the **JEE-Main mark sheet** and other details in the appropriate box. Verify the details entered and if every detail entered is correct, click **SUBMIT** button. Then, the **Candidate Registration** window will be displayed on the computer screen.
4. ત્યારબાદ, **JEE-Main 2013**ની માર્કશીટ મુજબ **JEE-Main 2013** રોલ નંબર તથા એપ્લિકેશન નંબર, માહિતી પુસ્તિકા સાથે આપેલ **14** આંકડાનો **PIN**, **JEE-Main**ની માર્કશીટ મુજબ નામ તથા અન્ય વિગતો આનુષંગિક બોક્ષમાં ભરવાની રહેશે. આપેલ માહિતી ચકાસો અને જો તે સાચી હોય તો **SUBMIT** બટન ક્લિક કરો. ત્યારબાદ દર્શાવ્યા મુજબ **Candidate Registration** window કોમ્પ્યુટર સ્ક્રીન ઉપર દેખાશે.

For Gujarat Board students who have passed the HSC Examination (science stream) in May-2013 in single attempt, the window as shown in **Fig. 3.3** will appear.

ગુજરાત બોર્ડનાં વિદ્યાર્થીઓ કે જેઓએ ધો. ૧૨ (વિજ્ઞાન પ્રવાહ)ની પરીક્ષા મે-૨૦૧૩માં પ્રથમ પ્રયત્ને પાસ કરેલ હશે, તેઓ માટે **Fig. 3.3**માં દર્શાવ્યા મુજબ કોમ્પ્યુટર સ્ક્રીન દેખાશે.

In case of CBSE/ISCE/NIOS/IB students passed from Gujarat State in any year and Gujarat Board students who have passed the HSC Examination (science stream) in or before December 2012, the window as shown in **Fig. 3.4** will appear.

CBSE/ISCE/NIOS/IB નાં ગુજરાત રાજ્યમાંથી કોઈપણ વર્ષે પરીક્ષા આપી ઉત્તીર્ણ થયેલ ઉમેદવારો તથા ગુજરાત બોર્ડમાંથી ડિસેમ્બર ૨૦૧૨ પહેલાં ધો. ૧૨ (વિ.પ્ર.) ઉત્તીર્ણ ઉમેદવારોનાં કિસ્સામાં **Fig. 3.4**માં દર્શાવ્યા મુજબ કોમ્પ્યુટર સ્ક્રીન દેખાશે.

Commissionerate of Technical Education, Gujarat State

Admission Committee for Professional Courses [ACPC]

Constituted under Section 4 of the Gujarat Professional Technical Educational Colleges or Institutions, Regulation of Admission and Fixation of Fees Act, 2007, Guj.2 of 2008

:: On-Line Registration Form ::

Home

Basic details

JEE-MAIN Roll No : 100022	Candidate Name : DAD CHIRAG SURESH
Date of Birth : 01 Jan 1993	Course Name : Degree Engineering
Group : A	

Accessing website through the IP Address: 59.95.236.125

Editable details

Gender: Male Female
 Category: Open General SC ST SEBC In / Ex Serviceman
 Sub-Category: Other Physical Handicapped
 Tuition Fee Waiver Scheme: I am Interested I am Not Interested
 Are you belongs to Below Poverty Line(BPL Card Holder): Yes No
 Have you passed HSC Exam. from School located in Outside Gujarat? Yes No
 Mother's Name:
 Father's Name:
 Are You Ward of J & K Migrants?: Yes No
 Are You Interested in Bank Loan: Yes No
 Are You Interested in Management Quota: Yes No

12th Exam details

Examination Board: CBSE Gujarat Board IB ISCE NIOS Other
 Seat / Roll No.:
 Month and Year of Passing: 03 2011
 Candidate Group: Group A Group AB

Other details

Contact Address*:
 City:
 District: --Select--
 Taluka: Select
 Pin Code:
 Contact No.: STD Code Phone No
 Mobile No.*:
 E-Mail Address:

Please use your JEE-Main Roll Number as user ID and generate password for further login!!

Your User ID: **100022** JEE-MAIN Roll Number
 Choose Password*:
 Confirm Password*:

DECLARATION OF THE CANDIDATE

I do hereby declare that all the particulars stated in the registration form are true and correct to the best of my knowledge and belief. I have read the Admission Rules and Information Brochure, and I shall abide by all the rules and other terms and conditions for admission. In the event of suppression or distortion of any information provided in my registration form, I understand that admission granted by the Admission Committee shall be liable for cancellation. I also understand that the decision of the Admission Committee regarding my admission shall be final and I shall be liable by its decision. Further, if admitted, I promise to abide by the rules and regulations of the institute as applicable during the course of study. I am also aware that ragging is banned and if, found guilty, I shall be liable for punishments under the rules. I abide to pay the fees as determined by the Fee Regulatory Committee/state Govt..

I accept I Decline

Submit Registration Details

Fig. 3.3 Screen of "Online Registration Form"

Commissionerate of Technical Education, Gujarat State

Admission Committee for Professional Courses [ACPC]
Constituted under Section 4 of the Gujarat Professional Technical Educational Colleges or Institutions, Regulation of Admissions and Fixation of Fees Act, 2007, Gaj.2 of 2008

:: On-Line Registration Form :: Home

Basic details

JEE-MAIN Roll No : 100278 Candidate Name : UDAYAN PRABIR SINHA
 Date of Birth : 31 Oct 1993 Course Name : Degree Engineering
 Group : 1A

Accessing website through the IP Address: 59.95.230.65

Editable details

Gender: Male Female
 Category: Open General SC ST SEBC In / Ex Serviceman
 Sub-Category: Other Physical Handicapped
 Tuition Fee Waiver Scheme: I am Interested I am Not Interested
 Are you belongs to Below Poverty Line(BPL Card Holder): Yes No
 Have you passed HSC Exam. from School located in, Outside Gujarat? : Yes No
 Mother's Name:
 Father's Name:
 Are You Ward of J & K Migrants? : Yes No
 Are You Interested in Bank Loan : Yes No
 Are You Interested in Management Quota : Yes No

12th Exam details

Examination Board: CBSE Gujarat Board IB ISCE NIDS Other
 Seat / Roll No.:
 Month and Year of Passing: 05 / 2013
 Candidate Group: Group A Group AB

12th Marks Details

Subject Name	Theory Marks of Qualifying Exam. Obtained / Out of	JEE-Main Exam Marks	Practical Marks Obtain	Practical Marks out of
Physics	70 / 100	5.00	25	50
Chemistry	66 / 100	6.50	31	50
Maths	75 / 100	14.21		
English	56 / 100			
Computer	43 / 100			
Other	42 / 100			
Combined Percentile Marks of PCM :	60.00	15.00	Aggregate Marks Obtained	Aggregate Marks Out of
			408	700

Other details

Contact Address:
 City:
 District:
 Taluka:
 Pin Code:
 Contact No.: STD Code Phone No.
 Mobile No.:
 E-Mail Address:

Please use your JEE-Main Roll Number as user ID and generate password for further login!!

Your User ID : 100278 JEE-MAIN Roll Number
 Choose Password:
 Confirm Password:

DECLARATION OF THE CANDIDATE

I do hereby declare that all the particulars stated in the registration form are true and correct to the best of my knowledge and belief, I have read the Admission Rules and Information Brochure, and I shall abide by all the rules and other terms and conditions for admission. In the event of suppression or distortion of any information provided in my registration form, I understand that admission granted by the Admission Committee shall be liable for cancellation. I also understand that the decision of the Admission Committee regarding my admission shall be final and I shall be liable by its decision. Further, if admitted, I promise to abide by the rules and regulations of the institute as applicable during the course of study. I am also aware that ragging is banned and if, found guilty, I shall be liable for punishments under the rules. I abide to pay the fees as determined by the Fee Regulatory Committee/state Govt..

I accept I Decline

Fig. 3.4 Screen of "Online Registration Form"

Note : Candidates who have passed HSC (Science Stream) examination from outside Gujarat are required to report for online Registration at Admission Committee, Ahmedabad.

નોંધ : ધો. ૧૨ (વિ.પ્ર.)ની પરીક્ષા ગુજરાત રાજ્યની બહારથી ઉત્તીર્ણ કરેલ હોય તેવા ઉમેદવારોએ ઓનલાઈન રજિસ્ટ્રેશન માટે પ્રવેશ સમિતિ, અમદાવાદ ખાતે રૂબરૂ સંપર્ક કરવાનો રહેશે.

- The candidate has to fill up personal details in the required format as displayed in **Candidate Registration Form**. Candidate's JEE-Main 2013 roll number will appear as **LOGIN ID**. [It is mandatory to use the Candidate's JEE-Main 2013 roll number as **LOGIN ID**]. After that, the candidate has to enter a password by entering with **at least 6 (six) and maximum 12 (twelve)** alphanumeric characters. Re-enter the same password at the space marked as **Confirm Password**. For future transaction the candidate has to use the same Login ID and password only. So candidate has to remember the **password** for subsequent login.

Caution : Please do not share your password and PIN given with the booklet, with anyone.

- ઉમેદવારે **Candidate Registration Form** માં દર્શાવ્યા મુજબની તેઓની અંગત માહિતી ભરવાની રહેશે. ઉમેદવારનો JEE-Main 2013 સીટ નંબર **LOGIN ID** તરીકે દેખાશે. (ઉમેદવારે તેઓના JEE-Main 2013 સીટ નંબરનો **LOGIN ID** તરીકે ઉપયોગ કરવો ફરજિયાત છે.) ત્યારબાદ ઉમેદવારે ઓછામાં ઓછા ૬ (છ) અને વધુમાં વધુ ૧૨ (બાર) અક્ષરો/આંકડા ધરાવતો પાસવર્ડ આપવાનો રહેશે. **Confirm Password** દર્શાવેલી જગ્યામાં ઉમેદવારે પોતાનો ઉપરોક્ત પાસવર્ડ ફરીથી આપવાનો રહેશે. ભવિષ્યનાં દરેક આદાન-પ્રદાન સમયે ઉમેદવારે માત્ર Login ID અને પાસવર્ડનો ઉપયોગ કરવાનો રહેશે. આથી, ઉમેદવાર ત્યારબાદના દરેક Login માટે પાસવર્ડ યાદ રાખે તે ખૂબ જ જરૂરી છે.

ચેતવણી : આપનો પાસવર્ડ તથા માહિતી પુસ્તિકા સાથે મળેલો PIN ગુપ્ત રાખશો.

- Verify the entries made and if every detail found correct then choose **I accept** option at the bottom of the form, if the declaration is acceptable. If the candidate selects **I accept** option, he will be allowed to click the **SUBMIT** button. In case any mandatory information not filled then registration will not be completed. In such case the incomplete fields will be highlighted by ' * ' with red colour or message will be displayed. Provide the incomplete information and click **SUBMIT** button.
- આપેલ માહિતી ચકાસો અને જો દરેક માહિતી સાચી હોય તો, declaration વાંચી જો તે ગ્રાહ્ય હોય તો ફોર્મની નીચે આપવામાં આવેલ **I accept** બટન ઉપર ક્લિક કરો. જો ઉમેદવાર **I accept** બટન ઉપર ક્લિક કરશે તો જ **SUBMIT** બટન ક્લિક કરવા દેવામાં આવશે. કોઈપણ કિસ્સામાં જો માંગવામાં આવેલી ફરજિયાત માહિતી પૂર્ણ નહીં હોય તો રજિસ્ટ્રેશન પ્રક્રિયા પૂર્ણ થશે નહીં. આવા કિસ્સાઓમાં અધૂરી/ખૂટતી વિગતોવાળા ખાનામાં લાલ કલરના ' * ' દર્શાવવામાં આવશે અથવા સંદેશો દર્શાવવામાં આવશે. અધૂરી/ખૂટતી વિગતો પૂર્ણ કર્યા બાદ **SUBMIT** બટન ઉપર ક્લિક કરો.

7. By doing so, a **Registration Details** will be generated as shown in Fig. 3.5. If any corrections are required then press **Edit Registration Details** button. The **Online Registration Form** will appear with already filled details which can be edited by the candidate. After editing, the candidate has to verify the details entered and if every detail found correct, click **Confirm Registration Details** button. No changes to registration details will be allowed after this.
7. આમ કરવાથી, Fig. 3.5માં દર્શાવ્યા મુજબનું **Registration Details** દેખાશે. જો કોઈ સુધારા કરવા જરૂરી જણાય તો, **Edit Registration Details** બટન ઉપર ક્લિક કરો. ઉમેદવાર દ્વારા ભરેલ વિગતો મુજબ **Online Registration Form** દેખાશે, સદર વિગતોમાં ઉમેદવાર દ્વારા સુધારા કરી શકાશે. સુધારા કર્યા બાદ ઉમેદવારે દરેક વિગત ચકાસવી અને જો તે દરેક વિગત સાચી હોય તો, **Confirm Registration Details** બટન ક્લિક કરવું. ત્યારબાદ રજિસ્ટ્રેશનની વિગતોમાં કોઈપણ પ્રકારનો ફેરફાર કરવા દેવામાં આવશે નહીં.

Commissionerate of Technical Education, Gujarat State

Admission Committee for Professional Courses (ACPC)

Constituted under Section 4 of the Gujarat Professional Technical Educational Colleges or Institutions, Regulation of Admission and Fixation of Fees Act., 2007, Gaj.2 of 2008


Registration Details : [EditRegistration Details](#) : [Available Choices](#) : [Fill Choices](#) : [Filled Choices](#) : [Change Password](#) : [Information Letter](#) : [Login history](#) : [Home](#) : [Logout](#)

Commissionerate of Technical Education , Gujarat State
Admission Committee for Professional Courses (ACPC)

Date : 10/05/2013 04:57:43 PM

Registration Details

Degree: Engineering



JEE-MAIN Roll No : 100033
Registration No : 419025043

Personal Details

Name: RAVAL VIRAJ PRAKASHKUMAR Date of Birth: 15 Jul 1993 Contact No: 079-2548197,9998443095 E-Mail: abc@gmail.com JEE-MAIN Roll No: 100033 Fee Waiver Scheme: Not Interested	Gender: Male Father Name: PRAKASHKUMAR Mother Name: RDHINISEN PRAKASHKUMAR RAVAL Address: acpc building NR. Gujarat University Kutch Category: Open General Rank: 0
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12th and JEE-MAIN Marks Details

Seat No: 90040
Board: Gujarat Board
Passing Year: March 2011

Marks Details - Group: A			
Subject	12th Exam	JEE-MAIN Exam	Practical Marks Obtained / Out of
Physics	33	0.00	26 / 50
Chemistry	34	4.50	48 / 50
Maths	75	14.21	
Computer	54		/
Other	36		
Combined Percentile Marks of PCM:	80.00	15.00	

Declaration of the candidate

I do hereby declare that all the particulars indicated above are true and correct to the best of my knowledge and belief. I have read the Admission Rules and information Brochure, and I shall abide by all the rules and other terms and conditions for admission. In the event of suppression or distortion of any information provided by me, I understand that the admission granted by the Admission Committee shall be liable for cancellation. I also understand that the decision of the Admission Committee regarding my admission shall be final and I shall be liable by its decision. Further, if admitted, I promise to abide by the rules and regulation of the Institute as applicable during the course of study. I am also aware that ragging is banned and if, found guilty, I shall be liable for punishments under the rules. I abide to pay the fees as determined by the Fee Regulatory Committee/state Govt.

Signature of Parents/Guardian
Place and Date :

Signature of Student
Place and Date :

The candidate has to submit self attested copies of the documents mentioned below-

- ~ HSC (10+2) Examination Marks Sheet
- ~ JEE-MAIN-2013 Examination Marks Sheet
- ~ School leaving certificate

IMPORTANT NOTE: The candidate has to submit above mentioned self attested documents at any nearest help centers between 09/05/2012 to 11/05/2012 5:00 PM. Otherwise his candidature will not be considered for admission.

[Edit Registration Details](#) [Confirm Registration Details](#)

[Print Your Details](#)

Please check your all details are correct or not. If it is correct then confirm your registration details.

Fig. 3.5 Screen of "Registration Details"

8. The candidate will be able to take printout of the **Registration Details** only after pressing **Confirm Registration Details** button. The candidate can click the **Print Your Details** button for printing **Registration Details** page, refer Fig. 3.5
8. **Confirm Registration Details** બટન ઉપર ક્લિક કર્યા બાદ જ ઉમેદવાર **Registration Details**ની પ્રિન્ટઆઉટ લઈ શકશે. **Registration Details** પ્રિન્ટ કરવા માટે ઉમેદવારે **Print Your Details** બટન ક્લિક કરવાનું રહેશે. (જુઓ Fig. 3.5)
9. Candidates of **Open and without TFW category** who have passed HSC (Science Stream) in May 2013 from Gujarat Board in first attempt, will get **Registration Details** online by click on **Registration Acknowledgement Slip for Open cat and Without TFWs** button. By doing so, their registration will be confirmed. These candidates need not go to help center for confirmation of registration.
- For other than Open and without TFW category candidates, as mentioned above, after printing **Registration Details**, it is mandatory to report at Help Center for confirmation of registration. Otherwise his registration process will not be completed and his merit number (rank) will not be generated.
9. **Open and without TFW category**નાં ઉમેદવારો કે જેઓએ ધો. ૧૨ (વિજ્ઞાન પ્રવાહ)ની પરીક્ષા મે-૨૦૧૩માં ગુજરાત બોર્ડમાંથી પ્રથમ પ્રયત્ન ઉત્તીર્ણ કરેલ છે, તેઓએ **Registration Details** ઓનલાઈન મેળવવા માટે **Registration Acknowledgement Slip for Open cat and Without TFWs** બટન ઉપર ક્લિક કરવાનું રહેશે. આમ કરવાથી તેઓનું રજિસ્ટ્રેશન confirm થઈ જશે. આવા ઉમેદવારોએ રજિસ્ટ્રેશન confirm કરાવવા માટે હેલ્પ સેન્ટર ખાતે જવાનું રહેશે નહીં.
- Open and without TFW category** સિવાયનાં ઉમેદવારોએ, અગાઉ જણાવ્યાનુસાર, **Registration Details**ની પ્રિન્ટ મેળવ્યા બાદ, તેઓનાં રજિસ્ટ્રેશનનાં confirmation માટે હેલ્પ સેન્ટર ખાતે રિપોર્ટીંગ કરવું ફરજિયાત છે. અન્યથા તેઓની રજિસ્ટ્રેશનની પ્રક્રિયા પૂર્ણ નહીં થાય અને તેઓને મેરીટ નંબર (રેન્ક) મળશે નહીં.
10. For the confirmation of registration at Help Center, the candidate of other than Open and without TFW category have to take printout of the **Registration Details** (two copies). Self-attested copies of all relevant documents (as per the list mentioned at the bottom of the Registration Details) should be attached with the **Registration Details**. Both candidate as well as parent/guardian of the candidate has to compulsorily sign the **Registration Details** at the space provided.
10. હેલ્પ સેન્ટર ખાતે રજિસ્ટ્રેશનનાં confirmation માટે Open and without TFW category સિવાયનાં ઉમેદવારોએ **Registration Details**ની પ્રિન્ટ આઉટ (બે નકલ) કાઢવાની રહેશે. **Registration Details** સાથે જરૂરી પ્રમાણપત્રો (Registration Detailsના અંતે જણાવેલ લીસ્ટ મુજબ)ની સ્વપ્રમાણિત નકલ જોડવાની રહેશે. ઉમેદવાર તથા તેના માતા-પિતા/વાલીએ **Registration Details**માં આપવામાં આવેલી જગ્યામાં સહી કરવી ફરજિયાત છે.
11. The candidate then has to reach at any Help Center with **Registration Details and its attachments, to submit at Help Center and to take Registration Slip. He has to carry original documents for verification at Help Center.**

The candidates, who have passed HSC (Science Stream) examination from outside Gujarat, are required to submit their Registration Details with relevant documents at the Admission Committee for Professional Courses, Admission Building, L.D. College of Engineering Campus, Navrangpura, Ahmedabad-380 015 only.

11. ઉમેદવારે નજીકનાં કોઈપણ હેલ્પ સેન્ટર ખાતે Registration Details અને અન્ય બીડાણો જમા કરાવી **Registration Slip** મેળવી લેવાની રહેશે. ઉમેદવારે પોતાનાં અસલ પ્રમાણપત્રો હેલ્પ સેન્ટર ખાતે ચકાસણી માટે લઈ જવાના રહેશે. ગુજરાત બહારથી ધો. ૧૨ (વિ.પ્ર.)ની પરીક્ષા પાસ કરી હોય તેવા ઉમેદવારોએ જરૂરી પ્રમાણપત્રો સાથે **Registration Details**, એડમિશન કમિટિ ફોર પ્રોફેશનલ કોર્સિસ, એડમિશન બિલ્ડીંગ, એલ. ડી. કોલેજ ઓફ એન્જિનીયરીંગ કેમ્પસ, નવરંગપુરા, અમદાવાદ-૩૮૦ ૦૧૫ ખાતે જ જમા કરાવવાની રહેશે.
12. The officer at the Help Center will verify the Registration Details and photocopies of relevant documents with **originals**. The officer will retain Registration Details and set of self attested documents, and issue the **Registration Slip** (as shown in Fig. 3.6) with signature and seal to the Candidate. **It is mandatory for candidates of other than Open and without TFW category to confirm the registration at Help Center and obtain Registration Slip, without which candidate shall not be eligible for the further admission process.**
12. હેલ્પ સેન્ટરના અધિકારી Registration Details તથા સ્વપ્રમાણિત નકલોની ચકાસણી અસલ પ્રમાણપત્રો સાથે કરી Registration Details અને સ્વપ્રમાણિત નકલોનો એક સેટ લઈ, **Registration Slip** (Fig. 3.6માં દર્શાવ્યા મુજબ)માં સહી-સિક્કા કરી ઉમેદવારને આપશે. **Open and without TFW category સિવાયનાં ઉમેદવારોએ તેઓનું રજિસ્ટ્રેશન હેલ્પ સેન્ટર ખાતે પ્રમાણિત કરાવી Registration Slip મેળવી ફરજિયાત છે, તે સિવાય ઉમેદવારને આગળની પ્રવેશ પ્રક્રિયામાં ભાગ લેવા દેવામાં આવશે નહીં.**

Directorate of Technical Education, Gujarat State
Admission Committee for Professional
Registration Slip for Degree Engineering
Counseling No: 01

Current Date : 1/5/2013 1:06 PM

Registration No : 01
100266

Verified On : 01 May 2013
Dear , SHAH JAINAM NANDJI,
acpc building, nr. gujarat university,
Ahmedabad.

Roll No: 100266
Rank:
Course: Degree Engineering
Category: GENU,Other

12th and JEE-MAIN Marks Details			
Subject	12th Exam	Marks Details - GROUP-A JEE-MAIN Exam	Practical Marks Obtained / Out of
Physics	49	17.50	38/50
Chemistry	48	31.25	38 / 50
Maths	76	14.21	

You have been Registered in the Help Center:
Name of Help Center and Address: L.D.College Of Engineering, Ahmedabad,NB[101]

Signature of Candidate

Signature of
Gujarat A.C

Note: 1. Registration Slip to be signed by the candidate as well as the Help Center coordinator.
2. Now you can fill up your choices online. If you do not fill any choices within specified time limit, then your registration shall not be considered for allotment of seat.

નોંધ : ઉમેદવાર અને હેલ્પ સેન્ટરના અધિકારીએ એડમિશન સ્લીપ પર સહી કરવાની રહેશે.

.....Cut from here.....

Fig. 3.6 Screen of "Registration Slip"

13. After successful completion of registration process, provisional merit number (rank) will be allotted on a stipulated date. Candidate will be able to view provisional merit number (rank) with his user ID on website www.gujacpc.nic.in under **Registration Details** button OR can also view on website www.jacpcldce.ac.in by entering JEE-Main 2013 roll number.
13. રજિસ્ટ્રેશનની પ્રક્રિયા સફળતાપૂર્વક પૂર્ણ કર્યા બાદ, નિયત તારીખે પ્રોવિઝનલ મેરીટ નંબર (રેન્ક) ફાળવવામાં આવશે. ઉમેદવાર પોતાનો પ્રોવિઝનલ મેરીટ નંબર (રેન્ક) તેઓના user IDથી વેબસાઈટ www.gujacpc.nic.inમાં **Registration Details** બટન હેઠળ અથવા વેબસાઈટ www.jacpcldce.ac.in ઉપર JEE-Main 2013નો રોલ નંબર દાખલ કરી જોઈ શકશે.

3.2 PROCEDURE FOR ONLINE CHOICE FILLING: (ઓનલાઇન ચોઇસ ફીલીંગ પ્રક્રિયા)

1. For performing different activities in one's account different options are given.
1. વિવિધ કાર્યવાહી માટે ઉમેદવારના એકાઉન્ટમાં વિકલ્પો આપવામાં આવ્યા છે.

Commissionerate of Technical Education, Gujarat State	
Admission Committee for Professional Courses [ACPC]	
Constituted under Section 4 of the Gujarat Professional Technical Educational Colleges or Institutions, Regulation of Admission and Fixation of Fees Act., 2007, Gaj.2 of	
Registration Details : EditRegistration Details : Available Choices : Fill Choices : Filled Choices : Change Password : Login history: Home : Logout	
Option	Activity that can be performed
	થઈ શકનાર કાર્યવાહી
Home	To come back to Home Page Home Page ઉપર પરત આવવા માટે
Logout	To Exit from your login account તમારા લોગ-ઇનમાંથી બહાર નીકળવા માટે
Registration Details	To view Registration Details રજિસ્ટ્રેશનની વિગતો જાણવા માટે
Edit Registration Details	To edit Registration Details રજિસ્ટ્રેશનની વિગતોમાં સુધારો કરવા માટે
Available Choices	Candidate can see all the choices available to him according to his eligibility. Also candidate can sort the choices according to the districts and/or the type of the institute. (Fig. 3.7.) ઉમેદવાર તેમની યોગ્યતા મુજબ ઉપલબ્ધ ચોઇસની વિગતો જોઈ શકશે. તદ્દુપરાંત ઉમેદવાર તેમની પસંદગી મુજબ ઉપલબ્ધ ચોઇસને સ્થળ અને/અથવા સંસ્થાના પ્રકાર મુજબ અગ્રતાક્રમ અનુસાર ગોઠવી શકશે (Fig. 3.7.).
Fill Choices	Candidate can fill the choices from the available choices and set the priority of choices subsequently. ઉમેદવાર ઉપલબ્ધ ચોઇસમાંથી પસંદગી કરી શકશે અને ત્યારબાદ તેનો અગ્રતાક્રમ નક્કી કરી શકશે.
Filled Choices	Candidate can see the priority of choices filled and saved by him. ઉમેદવાર તેઓ દ્વારા પસંદગી મુજબ ગોઠવણી કરેલ ચોઇસ જોઈ શકશે.
Change Password	Candidate can reset the password for the security purpose. સલામતીના કારણોસર ઉમેદવાર તેઓનો પાસવર્ડ બદલી શકશે.
Information Letter	After the final allotment of seats to candidates, they can get print of the Information Letter and the fee challan for the payment of tuition fees. અંતિમ પ્રવેશ ફાળવણી બાદ, ઉમેદવારે Information Letter તથા fee challan ની પ્રિન્ટ કાઢી શકશે.
Reshuffling	The candidate who wishes to take part in next round of admission, has to give consent by clicking Yes button. જે ઉમેદવારો પ્રવેશ પ્રક્રિયાનાં હવે પછીનાં તબક્કામાં ભાગ લેવા માંગતા હોય, તેઓએ Yes બટન દબાવી સંમતિ આપવાની રહેશે.
Login History	Candidate can view his previous login details and activities performed at any time. ઉમેદવારો તેઓનાં login ની માહિતી અને અગાઉ કોઈપણ સમયે કરેલ કાર્યવાહીની વિગતો જોઈ શકશે.

2. For filling up of the choices of courses and institutes the candidate has to login to the website www.gujacpc.nic.in by using login ID and password. After login, the candidate can see all available choices according to his eligibility (**Category, Subcategory, Gender, TFWS etc**). There will be so many options of available choices for candidate. The candidate can sort his choices according to institute name and/or course name, district wise etc. (Fig. 3.7)

વિદ્યાશાખા તથા સંસ્થાની પસંદગી માટે ઉમેદવારે www.gujacpc.nic.in વેબસાઈટમાં login ID તથા પાસવર્ડથી લોગઈન થવાનું રહેશે. લોગઈન થયા બાદ ઉમેદવાર તેમની યોગ્યતા (કેટેગરી, સબકેટેગરી, જાતિ, ફી માફી યોજના વિગેરે) અનુસાર ઉપલબ્ધ પસંદગી જોઈ શકશે. પસંદગી માટે ઉમેદવાર પાસે ઘણા બધાં વિકલ્પો ઉપલબ્ધ હશે. ઉમેદવાર તેમની પસંદગી સંસ્થાના નામ અને/અથવા અભ્યાસક્રમ, સ્થળ મુજબ અગ્રતાક્રમ અનુસાર ગોઠવી શકશે. (Fig. 3.7)

Commissionerate of Technical Education, Gujarat State
Admission Committee for Professional Courses [ACPC]
Constituted under Section 4 of the Gujarat Professional Technical Educational Colleges or Institutions, Regulation of Admission and Fixation of Fees Act., 2007, Guj.2 of 2007

Registration Details : EditRegistration Details : Available Choices : Fill Choices : Filled Choices : Change Password : Login history: Home : Logout

= Choices Available

JEE-MAIN Roll No : 100266 Candidate Name : SHAH JAINAM MANOJ
Date of Birth : 22 Oct 1993 Course Name : Degree Engineering
Group : A

Accessing website through the IP Address: 111.93.75.242

Blue Color Choices Indicate : Govt./GIA Institutes , Red Color Choices Indicate : Self Financed Institutes

District: ALL Institute Type: ALL Total Available Choices : 622 Print

Choice No	Institute	Course Name
1	Ahmedabad	AUTOMOBILE ENGINEERING
2	Amreli	CIVIL ENGINEERING
3	Anand	COMPUTER ENGINEERING
4	Banaskantha	ELECTRICAL ENGINEERING
5	Bharuch	ELECTRONICS & COMMUNICATION ENGG.
6	Bhavnagar	FOOD PROCESSING & TECHNOLOGY
7	Dahod	INFORMATION TECHNOLOGY
8	Dang	MECHANICAL ENGINEERING
9	Gandhinagar	CIVIL ENGINEERING
10	Jamnagar	COMPUTER ENGINEERING
11	Junagadh	ELECTRICAL ENGINEERING
12	Kheda	ELECTRONICS & COMMUNICATION ENGG.
13	Kutch	INFORMATION TECHNOLOGY
14	Mehsana	MECHANICAL ENGINEERING
15	Narmada	Mechanical Engineering- Shift 2
16	Navsari	CIVIL ENGINEERING
17	Panchmahal	COMPUTER ENGINEERING
18	Patan	ELECTRICAL ENGINEERING
19	Porbandar	ELECTRONICS & COMMUNICATION ENGG.
20	Rajkot	INFORMATION TECHNOLOGY
21	Sabarkantha	
22	Surat	
23	Surendranagar	
24	Tapi	
25	Vadodara	
26	Valsad	

Fig. 3.7 Screen of "Available Choices"

3. The candidate can fill single choice as well as multiple choices at one time.
3. ઉમેદવાર એક અથવા એક કરતાં વધુ પસંદગી એક જ સમયે ભરી શકશે.

4. For filling up single choice, by clicking on **ADD** button in first grid one can fill single choice at one time and the choice will be displayed in second grid after the previously selected choices as shown in Fig. 3.8.

4. એક સમયે માત્ર એક પસંદગી કરવા માટે ઉમેદવારે પહેલી ગ્રીડમાં **ADD** બટન ઉપર ક્લિક કરવાનું રહેશે. આમ કરવાથી પસંદ કરેલ પસંદગી બીજી ગ્રીડમાં અગાઉ પસંદ કરેલ પસંદગીની નીચે આવી જશે. (Fig. 3.8)

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Registration Details : EditRegistration Details : Available Choices : **Fill Choices** : Filled Choices : Change Password : Login history: Home : Logout

Choice Filling
Name: YADAV ANURAG RAMASHANKER, Course: Degree Engineering
Group A Seat No : 100018, Date of Birth : 29 Nov 1993, Accessing website through the IP Address: 111.93.75.242

Blue Color Choices Indicate : Govt./GIA Red Color Choices Indicate : Self Financed Institutes
District : Ahmedabad Institute Type : GOVERNME
Select Institute
ALL

Select	Institute Name	Course Name	ADD
<input type="checkbox"/>	L.D.College Of Engineering, Ahmedabad	AUTOMOBILE ENGINEERING	ADD
<input type="checkbox"/>	L.D.College Of Engineering, Ahmedabad	AUTOMOBILE ENGINEERING - TFWS	ADD
<input type="checkbox"/>	L.D.College Of Engineering, Ahmedabad	BIOMEDICAL ENGINEERING	ADD
<input type="checkbox"/>	L.D.College Of Engineering, Ahmedabad	BIOMEDICAL ENGINEERING - TFWS	ADD
<input type="checkbox"/>	L.D.College Of Engineering, Ahmedabad	CHEMICAL ENGINEERING	ADD
<input type="checkbox"/>	L.D.College Of Engineering, Ahmedabad	CHEMICAL ENGINEERING - TFWS	ADD
<input type="checkbox"/>	L.D.College Of Engineering, Ahmedabad	CIVIL ENGINEERING	ADD
<input type="checkbox"/>	L.D.College Of Engineering, Ahmedabad	CIVIL ENGINEERING - TFWS	ADD
<input type="checkbox"/>	L.D.College Of Engineering, Ahmedabad	COMPUTER ENGINEERING	ADD
<input type="checkbox"/>	L.D.College Of Engineering, Ahmedabad	COMPUTER ENGINEERING - TFWS	ADD
<input type="checkbox"/>	L.D.College Of Engineering, Ahmedabad	ELECTRICAL ENGINEERING	ADD
<input type="checkbox"/>	L.D.College Of Engineering, Ahmedabad	ELECTRICAL ENGINEERING - TFWS	ADD
<input type="checkbox"/>	L.D.College Of Engineering, Ahmedabad	ENVIRONMENT	ADD

available choices : 37
Add multiple choices

Edit Your Filled Choices -Select--

ALL	C.No	Institute Name	Course Name	Move Up
<input type="checkbox"/>	1	L.D.College Of Engineering, Ahmedabad	ELECTRONICS & COMMUNICATION ENGG.	↑
<input type="checkbox"/>	2	L.D.College Of Engineering, Ahmedabad	ELECTRONICS & COMMUNICATION ENGG. - TFWS	↑
<input type="checkbox"/>	3	L.D.College Of Engineering, Ahmedabad	INFORMATION TECHNOLOGY	↑
<input type="checkbox"/>	4	L.D.College Of Engineering, Ahmedabad	INFORMATION TECHNOLOGY - TFWS	↑
<input type="checkbox"/>	5	L.D.College Of Engineering, Ahmedabad	MECHANICAL ENGINEERING	↑
<input type="checkbox"/>	6	L.D.College Of Engineering, Ahmedabad	MECHANICAL ENGINEERING - TFWS	↑
<input type="checkbox"/>	7	Vishwakarma Government Engineering College, Chandkheda, Gandhinagar	COMPUTER ENGINEERING	↑
<input type="checkbox"/>	8	Vishwakarma Government Engineering College, Chandkheda, Gandhinagar	COMPUTER ENGINEERING - TFWS	↑
<input type="checkbox"/>	9	Vishwakarma Government Engineering College	ELECTRICAL ENGINEERING -	↑

Filled choices : 9
Save choices Save and

Fig. 3.8 Screen of “Choice filling process”

5. For filling up multiple choices, the candidate have to select all the choices by clicking square box on the left side and press the **Add Multiple Choice** button, by doing so, all the selected choices will be displayed in the second grid. The candidate has to give priority of choices by **move choice** function or by **swap choice** function.

5. એક કરતા વધુ પસંદગી માટે, ડાબી બાજુ પસંદગીની સામે આપેલ ચોરસ ખાનામાં ક્લિક કરવાનું રહેશે **Add Multiple Choice** બટન ક્લિક કરવાનું રહેશે, આમ કરવાથી પસંદ કરેલ પસંદગીઓ બીજી ગ્રીડમાં દેખાશે. પસંદગી મુજબના અગ્રતાક્રમ આપવા માટે ઉમેદવારે **move choice** function અથવા **swap choice** functionનો ઉપયોગ કરવાનો રહેશે.
6. As shown in fig. 3.9 in **Move Choice Function**, the candidate, by entering the current choice number [5] in the box and the choice number to which it is to be shifted [2] in the box, can get the current choice number [5] inserted between choices 1 and 3.
6. Fig. 3.9 માં દર્શાવ્યા મુજબ, ઉમેદવાર પોતાની હાલની [5] નંબરની પસંદગી બોક્ષમાં એન્ટર કરવાથી, જ્યાં પસંદગીની બદલી કરવી છે તે ક્રમ [2] નાંખવાથી હાલની [5] નંબરની પસંદગી, પસંદગી ક્રમાંક 1 અને 3ની વચ્ચે ઉમેરાઈ જશે.

Registration Details : EditRegistration Details : Available Choices : Fill Choices : Filled Choices : Change Password : Login history: Home : Logout

Filling
 YADAV ANURAG RAMASHANKER, Course: Degree Engineering
 Seat No : 100018, Date of Birth : 29 Nov 1993, Accessing website through the IP Address: 111.93.75.242

Available Choices Indicate : GOVT./GIA Red Color Choices Indicate : Self Financed Institutes
 City: Ahmedabad Institute Type: GOVERNMENT

Edit Your Filled Choices
 Move Choice
 Choice Number From 1 To 5 Move Choice

Institute Name	Course Name	ADD
L.D.College Of Engineering, Ahmedabad	AUTOMOBILE ENGINEERING	ADD
L.D.College Of Engineering, Ahmedabad	AUTOMOBILE ENGINEERING - TFWS	ADD
L.D.College Of Engineering, Ahmedabad	BIOMEDICAL ENGINEERING	ADD
L.D.College Of Engineering, Ahmedabad	BIOMEDICAL ENGINEERING - TFWS	ADD
L.D.College Of Engineering, Ahmedabad	CHEMICAL ENGINEERING	ADD
L.D.College Of Engineering, Ahmedabad	CHEMICAL ENGINEERING - TFWS	ADD
L.D.College Of Engineering, Ahmedabad	CIVIL ENGINEERING	ADD
L.D.College Of Engineering, Ahmedabad	CIVIL ENGINEERING - TFWS	ADD
L.D.College Of Engineering, Ahmedabad	COMPUTER ENGINEERING	ADD
L.D.College Of Engineering, Ahmedabad	COMPUTER ENGINEERING - TFWS	ADD
L.D.College Of Engineering, Ahmedabad	ELECTRICAL ENGINEERING	ADD
L.D.College Of Engineering, Ahmedabad	ELECTRICAL ENGINEERING - TFWS	ADD
L.D.College Of Engineering, Ahmedabad	ENVIRONMENT	ADD

ALL	C.No	Institute Name	Course Name	Move Up	Move Down
<input type="checkbox"/>	1	L.D.College Of Engineering, Ahmedabad	MECHANICAL ENGINEERING	↑	↓
<input type="checkbox"/>	2	L.D.College Of Engineering, Ahmedabad	ELECTRONICS & COMMUNICATION ENGG.	↑	↓
<input type="checkbox"/>	3	L.D.College Of Engineering, Ahmedabad	ELECTRONICS & COMMUNICATION ENGG. - TFWS	↑	↓
<input type="checkbox"/>	4	L.D.College Of Engineering, Ahmedabad	INFORMATION TECHNOLOGY	↑	↓
<input type="checkbox"/>	5	L.D.College Of Engineering, Ahmedabad	INFORMATION TECHNOLOGY - TFWS	↑	↓
<input type="checkbox"/>	6	L.D.College Of Engineering, Ahmedabad	MECHANICAL ENGINEERING - TFWS	↑	↓
<input type="checkbox"/>	7	Vishwakarma Government Engineering College, Chandkheda, Gandhinagar	COMPUTER ENGINEERING	↑	↓
<input type="checkbox"/>	8	Vishwakarma Government Engineering College, Chandkheda, Gandhinagar	COMPUTER ENGINEERING - TFWS	↑	↓
<input type="checkbox"/>	9	Vishwakarma Government Engineering College	ELECTRICAL ENGINEERING -	↑	↓

Available choices : 37
 Filled choices : 9

multiple choices Save choices Save and exit

Fig. 3.9 Screen of "Selected choices form with Move Choice function"

7. Using **Swap Choice Function**, candidate can interchange any two choice priorities. For this candidate will have to enter choice numbers which are to be interchanged in the boxes provided. As shown in **Fig. 3.10**, choice number **[10]** will be shifted to choice number **[2]** and the previous choice number 10 will be shifted to choice number 2.
7. **Swap Choice Function**ની મદદથી ઉમેદવાર તેઓનાં પસંદગીનાં અગ્રતાક્રમનાં કોઈપણ બે નંબરની અરસપરસ બદલી કરી શકશે. આ માટે ઉમેદવારે જે બે પસંદગીઓની અદલાબદલી કરવી હોય, તે બંને પસંદગીઓનાં નંબર આપેલા બોક્ષમાં આપવાના રહેશે. **Fig. 3.10**, માં દર્શાવ્યા મુજબ, પસંદગી ક્રમાંક **[10]** પસંદગી ક્રમાંક **[2]** ઉપર ચાલ્યો જશે અને અગાઉનો પસંદગી ક્રમાંક 10, પસંદગી ક્રમાંક 2 ઉપર આવી જશે.

Accessing website through the IP Address: 111.93.75.242

Location: Govt./GIA Red Color Choices Indicate : Self Financed Institutes

Institute Type: ALL

Edit Your Filled Choices

Swap Choice

Choice Number From 10 To 2

Swap Choice

Branch-Wise Shorting

MECHANICAL ENGINEERING

Institute Name	Course Name	ADD	ALL	C.No	Institute Name	Course Name	Move Up	Move Down
			<input type="checkbox"/>	1	L.D.College Of Engineering, Ahmedabad	MECHANICAL ENGINEERING	↑	↓
			<input type="checkbox"/>	2	Vishwakarma Government Engineering College, Chandkheda, Gandhinagar	MECHANICAL ENGINEERING	↑	↓
			<input type="checkbox"/>	3	Amiraj College Of Engg & Tech., Sanand, Ahmedabad	MECHANICAL ENGINEERING	↑	↓
			<input type="checkbox"/>	4	Hasmukh Goswami College Of Engg, Vahelal	MECHANICAL ENGINEERING	↑	↓
			<input type="checkbox"/>	5	Indus Institute Of Tech. & Engg., Racharda, Ahmedabad	MECHANICAL ENGINEERING	↑	↓
			<input type="checkbox"/>	6	L.J. Institute Of Engg And Tech., Ahmedabad	MECHANICAL ENGINEERING	↑	↓
			<input type="checkbox"/>	7	Namarayan Shastri Institute Of Tech., Jetalpur	MECHANICAL ENGINEERING	↑	↓
			<input type="checkbox"/>	8	Sal Institute Of Tech. & Engg. Research, Ahmedabad	MECHANICAL ENGINEERING	↑	↓
			<input type="checkbox"/>	9	Silver Oak College Of Engg., & Tech., Ahmedabad	MECHANICAL ENGINEERING	↑	↓
			<input type="checkbox"/>	10	Ahmedabad Institute Of Tech, Ahmedabad	MECHANICAL ENGINEERING	↑	↓

Filled choices : 10

Save choices Saved successfully.. Save and exit

Fig. 3.10 Screen of "Available and Selected choices form with Swap Choice function"

8. The candidate has to press **Save choices** button for saving the filled choices at regular interval. After filling all choices he has to enter **Save and exit** button then window will open as Shown in Fig. 3.11, which will show the filled choices in order of preferences.
8. પસંદગીયાદી ને સાચવી રાખવા માટે (સેવ કરવા માટે) ઉમેદવારે **Save choices** બટન, નિયમિત સમયાંતરે ક્લિક કરતા રહેવાનું રહેશે. પસંદગીયાદીની પ્રક્રિયા પૂર્ણ કર્યા બાદ ઉમેદવારે **Save and exit** બટન દબાવવાનું રહેશે. આમ કરવાથી Fig. 3.11માં દર્શાવ્યા મુજબ કરેલ પસંદગીનાં ક્રમમાં પસંદગી યાદી જોવા મળશે.

Commissionerate of Technical Education, Gujarat State

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Registration Details : EditRegistration Details : Available Choices : Fill Choices : Filled Choices : Change Password : Login history: Home : Logout

Print Filled Choices

11 Filled Choices:- Printing Date : 01-05-2013 14:00:16

JEE-MAIN Roll No	: 100266	Candidate Name	: SHAH JAINAM MANOJ
Date of Birth	: 22 Oct 1993	Course Name	: Degree Engineering
Group	A		

Accessing website through the IP Address: 111.93.75.242

Blue Color Choices Indicate : Govt./GIA Institutes ,Red Color Choices Indicate : Self Financed Institutes

Choice(s) are Un-Locked Choice(s) are Filled as on 01-05-2013 14:00:00 Total Filled Choices : 10

Cho.No.	Institute Name	Course Name
1	L.D.College Of Engineering, Ahmedabad	MECHANICAL ENGINEERING
2	Vishwakarma Government Engineering College, Chandikheda,Gandhinagar	MECHANICAL ENGINEERING
3	Amiraj College Of Engg & Tech., Sanand, Ahmedabad	MECHANICAL ENGINEERING
4	Hasmukh Goswami College Of Engg, Vahelal	MECHANICAL ENGINEERING
5	Indus Institute Of Tech. & Engg., Racharda, Ahmedabad	MECHANICAL ENGINEERING
6	L.J. Institute Of Engg And Tech., Ahmedabad	MECHANICAL ENGINEERING
7	Nararayan Shastri Institute Of Tech., Jetalpur	MECHANICAL ENGINEERING
8	Sal Institute Of Tech. & Engg. Research, Ahmedabad	MECHANICAL ENGINEERING
9	Silver Oak College Of Engg., & Tech., Ahmedabad	MECHANICAL ENGINEERING
10	Ahmedabad Institute Of Tech, Ahmedabad	MECHANICAL ENGINEERING

Fig. 3.11 Screen of "Filled Choices"

9. If the candidate wants to modify choice, he should click on **Modify Choices** button then he will be redirected to choice submission page (Ref. Fig. 3.11).
9. જો ઉમેદવાર પસંદગીયાદીમાં ફેરબદલ કરવા માંગતા હોય તો, **Modify Choices** બટન પર ક્લિક કરવું. આમ કરવાથી choice submission page જોવા મળશે. (જુઓ Fig. 3.11).
10. The candidate has to lock his final choices within the stipulated time limit. On clicking **Lock Choices** button a message "Enter your 14 digit PIN number" will be displayed as shown in **Fig. 3.12**. After entering your PIN, choices will be locked. If he wants to modify the locked choices, he may do so by clicking on **Unlock Choice** button (As shown Fig 3.13). By entering your 14 digit PIN you can unlock the filled choices. Repeat the same procedure of locking of choices mentioned earlier.
10. ઉમેદવારે તેઓની આખરી પસંદગીયાદી નિયત સમયમર્યાદામાં lock કરવાની રહેશે. **Lock Choices** બટન ક્લિક કરવાથી Fig. 3.12. માં દર્શાવ્યા મુજબ "Enter your 14 digit PIN number" સંદેશ આવશે. PIN આપ્યા બાદ પસંદગી યાદી lock થઈ જશે. Lock કરેલ પસંદગી યાદીમાં જો ઉમેદવાર ફેરબદલ કરવા ઇચ્છતા હોય તો, **Unlock Choice** (Fig. 3.13 માં દર્શાવ્યા મુજબ) બટન ક્લિક કરવાનું રહેશે. ઉમેદવાર તેઓનો ૧૪ આંકડાનો PIN આપ્યા બાદ તમે પસંદગીયાદીમાં ફેરબદલ કરી શકશે. પસંદગીયાદીને lock કરવા માટે અગાઉ મુજબની પ્રક્રિયા ફરીથી કરવી.

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Registration Details : EditRegistration Details : Available Choices : **Fill Choices** : Filled Choices : Change Password : Login history: Home : Logout

Print Filled Choices

:: Filled Choices:- Printing Date : 01-05-2013 14:03:56

JEE-MAIN Roll No : 100266 Candidate Name : SHAH JAINAM MANOJ
 Date of Birth : 22 Oct 1993 Course Name : Degree Engineering
 Group : A

Accessing website through the IP Address: 111.93.75.242

Blue Color Choices Indicate : Govt./GIA Institutes ,Red Color Choices Indicate : Self Financed Institutes

Choice(s) are Un-Locked Choice(s) are Filled as on 01-05-2013 14:00:00 Total Filled Choices : 10

Cho.No.	Institute Name	Course Name
1	L.D.College Of Engineering, Ahmedabad	MECHANICAL ENGINEERING
2	Vishwakarma Government Engineering College, Chandkheda,Gandhinagar	MECHANICAL ENGINEERING
3	Amiraj College Of Engg & Tech., Sanand, Ahmedabad	MECHANICAL ENGINEERING
4	Hasmukh Goswami College Of Engg, Vahelal	MECHANICAL ENGINEERING
5	Indus Institute Of Tech. & Engg., Racharda, Ahmedabad	MECHANICAL ENGINEERING
6	L.J. Institute Of Engg And Tech., Ahmedabad	MECHANICAL ENGINEERING
7	Narnarayan Shastri Institute Of Tech., Jetalpur	MECHANICAL ENGINEERING
8	Sal Institute Of Tech. & Engg. Research, Ahmedabad	MECHANICAL ENGINEERING
9	Silver Oak College Of Engg., & Tech., Ahmedabad	MECHANICAL ENGINEERING
10	Ahmedabad Institute Of Tech, Ahmedabad	MECHANICAL ENGINEERING

Enter your 14 digit PIN Number

Fig. 3.12 Screen of "Selected choices ready for lock"

Commissionerate of Technical Education, Gujarat State
 Admission Committee for Professional Courses [ACPC]
 Constituted under Section 4 of the Gujarat Professional Technical Educational Colleges or Institutions, Regulation of Admission and Fixation of Fees Act., 2007, Guj.2 of

Registration Details : EditRegistration Details : Available Choices : **Fill Choices** : Filled Choices : Change Password : Login history: Home : Logout

Print Filled Choices

:: Filled Choices:- Printing Date : 01-05-2013 14:05:31

JEE-MAIN Roll No : 100266 Candidate Name : SHAH JAINAM MANOJ
 Date of Birth : 22 Oct 1993 Course Name : Degree Engineering
 Group : A

Accessing website through the IP Address: 111.93.75.242

Blue Color Choices Indicate : Govt./GIA Institutes ,Red Color Choices Indicate : Self Financed Institutes

Choice(s) are Locked as on 01-05-2013 14:06:00 Choice(s) are Filled as on 01-05-2013 14:00:00 Total Filled Choices : 10

Cho.No.	Institute Name	Course Name
1	L.D.College Of Engineering, Ahmedabad	MECHANICAL ENGINEERING
2	Vishwakarma Government Engineering College, Chandkheda,Gandhinagar	MECHANICAL ENGINEERING
3	Amiraj College Of Engg & Tech., Sanand, Ahmedabad	MECHANICAL ENGINEERING
4	Hasmukh Goswami College Of Engg, Vahelal	MECHANICAL ENGINEERING
5	Indus Institute Of Tech. & Engg., Racharda, Ahmedabad	MECHANICAL ENGINEERING
6	L.J. Institute Of Engg And Tech., Ahmedabad	MECHANICAL ENGINEERING
7	Narnarayan Shastri Institute Of Tech., Jetalpur	MECHANICAL ENGINEERING
8	Sal Institute Of Tech. & Engg. Research, Ahmedabad	MECHANICAL ENGINEERING
9	Silver Oak College Of Engg., & Tech., Ahmedabad	MECHANICAL ENGINEERING
10	Ahmedabad Institute Of Tech, Ahmedabad	MECHANICAL ENGINEERING

Fig. 3.13 Screen of "Selected choices ready for unlock"

3.3 MOCK ROUNDS (મોક રાઉન્ડ) :

Mock round is a trial process to understand the choice filling process as well as seat allotment process as also to know the possible availability of courses / institute as per the merit of candidate.

મોકરાઉન્ડ એ બેઠક પસંદગી તેમજ બેઠકોની ફાળવણીની પ્રક્રિયા સમજવા માટેનો તબક્કો છે જેનાથી ઉમેદવાર તેનાં મેરીટ અનુસાર કઈ વિદ્યાશાખા / સંસ્થામાં પ્રવેશ મળી શકે તેમ છે તેનો અંદાજ મેળવી શકે છે.

There will be one mock (practice) rounds of seat allotment prior to the actual seat allotment. During the mock round the candidates have to fill their choices online within specified time period. After that as per the counseling schedule the result will be declared. The candidates have to see their result by login to their login ID on the website. The result and analysis can also be viewed on website www.jacpcldce.ac.in. After the declaration of the result of the mock round, candidates can go through the cutoff marks of the different courses and institutes so that they can get an idea for the filling the choices for the actual round. And at the end, after declaration of result of mock round, the candidates can fill their Final Choices for first regular round of counseling.

ખરેખર બેઠક ફાળવણી કરતાં પહેલાં એક મોક (પ્રેક્ટિસ) રાઉન્ડ કરાવવામાં આવશે. આ મોકરાઉન્ડ દરમિયાન ઉમેદવારે નિયત સમયમર્યાદામાં ઓનલાઈન પસંદગી આપવાની રહેશે. ત્યારબાદ કાઉન્સેલીંગ શિડ્યુલ પ્રમાણે પરિણામની જાહેરાત કરવામાં આવશે. ઉમેદવાર વેબસાઈટમાં પોતાના લોગઈન આઈડીથી લોગઈન થઈ આ પરિણામ જોઈ શકશે. મોક રાઉન્ડનું પરિણામ અને વિશ્લેષણ વેબસાઈટ www.jacpcldce.ac.in ઉપર પણ જોઈ શકાશે. મોક રાઉન્ડના પરિણામ બાદ ઉમેદવારે વિવિધ અભ્યાસક્રમો તથા સંસ્થાઓનાં કટઓફ માર્ક્સનો અભ્યાસ કરવો. આથી ખરેખર પ્રવેશ રાઉન્ડ માટે પસંદગીયાદી બનાવવામાં સરળતા રહેશે. અને અંતે, મોક રાઉન્ડના પરિણામ બાદ, ઉમેદવારે પ્રથમ બેઠક ફાળવણી માટે અંતિમ પસંદગીયાદી બનાવવાની રહેશે.

3.4 FIRST PHASE OF ALLOTMENT OF SEAT (બેઠક ફાળવણીનો પ્રથમ તબક્કો) :

1. After the locking period is over, the ACPC will process for allotment of seats and declare the status of allotment on the website www.gujacpc.nic.in. The candidates can view their status of allotment by login to their own login ID.
1. લોકીંગ પિરીયડ પૂર્ણ થઈ ગયા બાદ, પ્રવેશ સમિતિ બેઠક ફાળવણીની પ્રક્રિયા માટે કાર્યવાહી કરશે અને બેઠક ફાળવણીની સ્થિતિ વેબસાઈટ www.gujacpc.nic.in પર જાહેર કરશે. ઉમેદવાર તેઓની બેઠક ફાળવણીની સ્થિતિ તેઓના લોગઈન આઈડીથી લોગ-ઓન થઈ મેળવી શકશે.
2. The statistics of the latest status of allotment of seats will also be available on the website www.gujacpc.nic.in as well as on www.jacpcldce.ac.in.
2. બેઠક ફાળવણીની લેટેસ્ટ આંકડાકીય માહિતી વેબસાઈટ www.gujacpc.nic.in અને www.jacpcldce.ac.in ઉપર જાહેર કરવામાં આવશે.
3. After declaration of results of allotment of seats, if the candidate gets any seat, he can get **Information Letter** along with **bank fee challans** showing requisite tuition fees to be paid, by clicking on the link **Information Letter** (as shown in Fig. 3.14). If the candidate didn't get any


seat then message will be shown as **“Sorry! You did not get any seat”**. The candidate who has been allotted a seat, shall take **the printout** of the **Information Letter** of seat allotment (two copies). The candidate wishes to pay fees at bank has to take print out of **bank fees challan** and those who wishes to make the payment online either using debit/credit card or net banking facility can do so by clicking on **“Online Payment”** button.

- 3 બેઠક ફાળવણીની પ્રક્રિયાનું પરિણામ જાહેર થયા બાદ, ઉમેદવારને જો બેઠકની ફાળવણી કરવામાં આવશે તો, ઉમેદવારે **Information Letter** (Fig. 3.14માં દર્શાવ્યા મુજબ) તથા જરૂરી ટ્યુશન ફી ભરવાની વિગતો સાથેનાં Bank Fee Challanની પ્રિન્ટ આઉટ કાઢવાની રહેશે. આ માટે ઉમેદવારે **Information Letter** લીન્ક ઉપર ક્લિક કરવાની રહેશે. જો ઉમેદવારને બેઠક ઉપલબ્ધ નહીં થાય તો, **“Sorry! You did not get any seat”** સંદેશો જોવા મળશે. બેઠક ફાળવાયેલ ઉમેદવારે Information Letter ની પ્રિન્ટ આઉટ (બે નકલ) કાઢવાની રહેશે. જે ઉમેદવારો ફીની ચૂકવણી બેંક ઉપર કરવા માંગતા હોય, તેઓએ Bank Fee Challanની પ્રિન્ટ આઉટ કાઢવાની રહેશે અને જે ઉમેદવારો ઓનલાઈન પેમેન્ટ કરવા માંગતા હોય, તેઓ ડેબીટ/ક્રેડીટ કાર્ડથી અથવા નેટ બેંકીંગ સુવિધાથી ઓનલાઈન ફીની ચૂકવણી કરી શકશે, તેઓએ આ માટે **“Online Payment”** બટન દબાવવાનું રહેશે.


Constituted under Section 4 of the Gujarat Professional Technical Educational Colleges or Institutions, Regulation of Admission and Fixation of Fees Act, 2007, (Gj)2 of 2008

Registration Details : Edit Registration Details : Available Choices : Fill Choices : Filled Choices : Change Password : Information Letter : Login History : Home : Logout

Information Letter



Admission Committee for Professional Courses
L.D. College of Engineering Campus, Navrangpura Ahmedabad-Gujarat



Printing Date: 2/5/2013

Information Letter

Basic Details


Dear, SHAH IAINAN HANOO


JEE-MAIN Roll NO : 100266
Merit No (Rank) : Engineering - 51.0
Course : Degree Engineering
Counseling No : 01

Provisional allotment Details

Alloted Institution : L.D.College Of Engineering, Ahmedabad
Alloted Branch : MECHANICAL ENGINEERING
Candidate Category : Open General,Other-M
Alloted Category : Open General, Other-M
Admission Fee : 20000

- You have to pay taken tuition fees/balance amount of fees as printed on Fee Challan at any designated branch of Punjab National bank between **08/04/2013** to **08/06/2013** in normal banking hours. In case of refund of fees, if any, will be refunded after completion of admission process by Demand Draft in the name of student at the address mentioned in the registration form by registered post.
- You have to report to Help Center between **08/04/2013** to **08/06/2013** during working hours along with all originals testimonials/certificates/copy of Bank Challan. In case of any problem at Help Center at the time of reporting, you are advised to contact Central Control Room of ACPC at Ahmedabad within the time span specified above.
- If you fail to report at the Help Center within the prescribed time limit, this allotment will be cancelled.
- Tuition fees to be deposited by way of Cash only.

 [Print Information Letter](#)

 [Print Bank Challan Form](#)

[Online Payment Gateway](#)

Fig. 3.14 Screen of “Information Letter”

3.5 PROCEDURE FOR CONFIRMATION OF ALLOTTED ADMISSION (મળેલ પ્રવેશનાં CONFIRMATION માટેની પ્રક્રિયા) :

1. The successful candidate has to pay by cash the requisite amount of tuition fee at counter of designated branches of Punjab National Bank or through online payment. The candidate then will report to any Help Center with the Information Letter, bank fee challan/online payment receipt with all original documents within the time limit specified in the Information Letter for verification. The Officer at Help Center will scan the original documents, return it back and maintain the record of the same.
1. બેઠક ફાળવાયેલ ઉમેદવારોએ જરૂરી ટ્યુશન ફીની રકમ રોકડમાં પંજાબ નેશનલ બેંકની નિર્ધારિત શાખામાં જમા કરાવવાની રહેશે અથવા ઓનલાઈન ચૂકવણી કરવાની રહેશે. ત્યારબાદ Information Letter માં જણાવેલ નિયત સમયમર્યાદામાં ઉમેદવારે Information Letter, બેંક ફી ચલણ/ઓનલાઈન પેમેન્ટ રિસિપ્ટ તથા અસલ પ્રમાણપત્રોની ખરાઈ અર્થે કોઈપણ હેલ્પ સેન્ટર પર હાજર થવાનું રહેશે. હેલ્પ સેન્ટર ખાતેનાં અધિકારી અસલ પ્રમાણપત્રો સ્કેન કરીને ઉમેદવારોને પરત આપશે અને તેનો રેકર્ડ રાખશે.
2. If the candidate fails to produce original certificates and testimonials at the time of reporting, he may be granted provisional admission with the permission of Admission Committee as per sub-rule (4) of rule 16.
2. રિપોર્ટીંગ સમયે ઉમેદવાર જો અસલ પ્રમાણપત્રો અને જરૂરી દસ્તાવેજો રજૂ કરવામાં નિષ્ફળ રહેશે તો, પ્રવેશ સમિતિ નિયમ (૧૬)(૪) ને અનુસરીને ઉમેદવારને કામચલાઉ પ્રવેશ આપશે.
3. The officer at Help Center will verify all records and after due verification the admission on the allotted seat will be confirmed on the Internet. On confirmation, an “Admission Slip” (Fig. 3.15) will be auto generated. The Help Center Officer will issue the “Admission Slip” to the candidate. **The Help Center officer will write the name of allotted institute and branch on the reverse of original HSC Marksheet with permanent marker pen.**
3. હેલ્પ સેન્ટરના અધિકારી ઉમેદવારની વિગતો ચકાસશે અને જરૂરી ચકાસણી બાદ ફાળવેલ બેઠકો પર ઈન્ટરનેટ મારફતે પ્રવેશ confirm કરશે. પ્રવેશ confirm કર્યા બાદ “Admission Slip” (Fig. 3.15) દેખાશે. હેલ્પ સેન્ટરના અધિકારી તેની પ્રિન્ટઆઉટ કાઢશે. હેલ્પ સેન્ટરના અધિકારી “Admission Slip”ની નકલ ઉમેદવારને આપશે. હેલ્પ સેન્ટરના અધિકારી પરમેનન્ટ માર્કર પેનથી ધો. ૧૨ની માર્કશીટની પાછળ પ્રવેશ ફાળવાયેલ સંસ્થાનું નામ અને અભ્યાસક્રમ લખશે.
4. The candidate, who has been allotted seat, but does not deposit the prescribed Fee or doest not report at any Help Center by the due date, his particular admission will automatically be cancelled. Therefore, the candidates are advised to deposit their fee within the stipulated time limit and report at any nearest Help Center without fail. However he can take part in the next round of counseling, if any, provided he has to give online consent during the specified time schedule.
4. બેઠક ફાળવાયેલ ઉમેદવાર નિયત તારીખ સુધીમાં ફી જમા નહીં કરાવે અથવા તો હેલ્પ સેન્ટર પર હાજર નહીં થાય તો, તેઓને ફાળવાયેલ પ્રવેશ આપોઆપ રદ થશે. આથી, ઉમેદવારોને સલાહ આપવામાં આવે છે કે, નિયત સમયમર્યાદામાં તેઓ ફી જમા કરાવે અને નજીકના હેલ્પ સેન્ટર પર રિપોર્ટીંગ કરે. જોકે ઉમેદવાર આગળનાં કાઉન્સેલીંગમાં, જો કાઉન્સેલીંગ થશે તો, ભાગ લઈ શકશે પરંતુ તેના માટે તેઓએ નિયત સમયમર્યાદામાં ઓનલાઈન સંમતિ આપવાની રહેશે.


Commissionerate of Technical Education, Gujarat State Admission Committee for Professional Courses (ACPC)		CANDIDATE COPY
Current Date : 2/5/2013 4:47 PM	Admission Slip for Degree Engineering Counseling No: 01	Registration No : 9101GB1H000002 
02 May 2013 Dear , SHAH JAINAM NANDI, acpc building, nr. gujarat university, Ahmedabad.	JEE-MAIN Roll No: 100266 Rank: Engineering - 51.0 Course: Degree Engineering Category: GEN,M,Other	
You have been Admission in the Help Center:		
Name of Help Center and Address: L.D.College Of Engineering, Ahmedabad,Nal(101)		
Alloted Institute Name L.D.College Of Engineering, Ahmedabad	Alloted Course Name MECHANICAL ENGINEERING	Alloted Category GEN,Other,M
Signature of Candidate		Signature of Co-ordinator Gujarat A.C.P.C
Note: 1.Admission Slip to be signed by the candidate as well as the Help Center coordinator.		
નોંધ : ઉમેદવાર અને હેલ્પ સેન્ટરના અધિકારીએ એડમિશન સ્લીપ પર સહી કરવાની રહેશે.		

Fig. 3.15 Screen of "Admission Letter"

- Now, if the admitted candidate is NOT willing to participate in the next round of admission in order to upgrade his admission, he has to immediately report to the allotted Institute for enrolment with "Information Letter", "Admission Slip", Bank Challan / Online Fee Receipt and photo copies of all documents. **The candidate is not required to submit original certificates/ documents at the institute. Here, the candidate is not required to make any payment in any manner/on any head until and unless the admission of the current year declared closed officially by ACPC.**
- હવે જો પ્રવેશ મેળવેલ ઉમેદવાર તેઓને ફાળવાયેલ પ્રવેશ અપગ્રેડ કરવા ઇચ્છતા ન હોય અને ત્યારબાદનાં પ્રવેશ રાઉન્ડમાં ભાગ લેવા ઇચ્છતા ન હોય તો, તેઓએ પ્રવેશ ફાળવાયેલ સંસ્થા ખાતે એનરોલમેન્ટ માટે "Information Slip", "Admission Letter", બેન્ક ચલણ/ઓનલાઈન ફી રિસિપ્ટ તથા પ્રમાણપત્રોની નકલ સાથે તુરત જ હાજર થવાનું રહેશે. સંસ્થા ખાતે ઉમેદવારે અસલ પ્રમાણપત્રો રજૂ કરવાના રહેશે નહીં. **જ્યાં સુધી પ્રવેશ સમિતિ દ્વારા ચાલુ શૈક્ષણિક વર્ષની પ્રવેશ પ્રક્રિયા પૂર્ણ થયા અંગે જાહેરાત કરવામાં ન આવે ત્યાં સુધી ઉમેદવારે સંસ્થા ખાતે કોઈપણ પ્રકારની ફી ભરવાની રહેશે નહીં.**

3.6 NEXT ROUND OF COUNSELING (કાઉન્સેલીંગનો પછીનો તબક્કો) :

- After declaration of first allotment of seats by the ACPC and subsequent reporting to the Help Center by the candidates within the stipulated time limit, the ACPC will declare "Vacant Seats", if any, on the internet www.gujacpc.nic.in and on www.jacpcldce.ac.in
- પ્રવેશ સમિતિ દ્વારા પ્રવેશ ફાળવણીના પ્રથમ તબક્કા બાદ અને નિયત સમયમર્યાદામાં ઉમેદવારો દ્વારા હેલ્પ સેન્ટર પર રિપોર્ટીંગ કરાવ્યા બાદ, ખાલી રહેલી બેઠકોની યાદી ઇન્ટરનેટ ઉપર www.gujacpc.nic.in અને www.jacpcldce.ac.in ઉપર જાહેર કરવામાં આવશે.
- After declaration of "Vacant Seats", if the Admission Committee decides to conduct one more round of counseling, the candidates will be given certain time period to give consent online for participation in the next round. While giving option for next round of counseling, the

candidates can upgrade their choices and/or fill new choices if they want to do so, otherwise their choices given earlier will remain unchanged and allotment will be made accordingly.

2. ખાલી રહેલી બેઠકોની યાદી જાહેર કર્યા બાદ, પ્રવેશ સમિતિ કાઉન્સેલીંગ પ્રક્રિયાનો એક વધુ તબક્કો આપવાનું નક્કી કરશે તો, ઉમેદવારે આગળના રાઉન્ડમાં ભાગ લેવા નિયત સમયમર્યાદામાં ઓનલાઈન સંમતિ આપવાની રહેશે. કાઉન્સેલીંગના આગળના તબક્કામાં ભાગ લેવા માટે ઉમેદવાર દ્વારા જો વિકલ્પ આપવામાં આવશે તો ઉમેદવાર ઈચ્છે તો પસંદગીયાદીમાં ફેરબદલ કરી શકશે અને/અથવા નવી પસંદગી કરી શકશે અન્યથા તેઓ દ્વારા અગાઉ કરવામાં આવેલ પસંદગી યાદી કાયમ રહેશે અને તે અનુસાર બેઠક ફાળવણી કરવામાં આવશે.
3. In case of a candidate is WILLING to participate in the next round of counseling in order to upgrade his admission choice, he is NOT required to report at the college allotted in the previous round. In this case, the candidate can wait until the next counseling begins.
3. જો ઉમેદવાર તેઓને મળેલ પસંદગીની બેઠકમાં ફેરબદલ કરવા માટે પ્રવેશ કાર્યવાહીનાં આગળનાં તબક્કામાં ભાગ લેવા ઈચ્છે, તો તેવા ઉમેદવારે અગાઉના તબક્કામાં જે સંસ્થામાં પ્રવેશ મળ્યો હોય તે સંસ્થા ખાતે હાજર થવું જરૂરી નથી. આવા કિસ્સામાં પ્રવેશ કાર્યવાહીનાં આગળનાં તબક્કાની ઉમેદવારે રાહ જોવી.
4. The candidates, who have not been allotted any seats in the first counseling, will have to give online consent for participation in the next round of admission process. The candidates who have been allotted seats in the first counseling and are still keen to participate in the next round of counseling can also take part in the counseling process after giving online consent. To participate in the next round of counseling process, the candidate has to login using his Login ID on the website www.gujacpc.nic.in during the specified time limit.
4. જે ઉમેદવારોને પ્રથમ તબક્કામાં બેઠકની ફાળવણી ન કરવામાં આવી હોય તેવા ઉમેદવારોએ ત્યારબાદના કાઉન્સેલીંગમાં ભાગ લેવા માટેની સંમતિ ઓનલાઈન આપવી પડશે. જે ઉમેદવારોને પ્રથમ રાઉન્ડમાં પ્રવેશ ફાળવવામાં આવેલ છે, તેઓ જો ત્યાર પછીનાં કાઉન્સેલીંગમાં ભાગ લેવા ઈચ્છે, તો તેઓ ઓનલાઈન સંમતિ આપી ત્યાર બાદનાં કાઉન્સેલીંગમાં ભાગ લઈ શકશે. કાઉન્સેલીંગના આગળનાં તબક્કામાં ભાગ લેવા માટે ઉમેદવારે તેમના લોગઈન આઈડીથી નિયતસમયમર્યાદામાં www.gujacpc.nic.in વેબસાઈટ પર લોગઈન થઈ ઓનલાઈન સંમતિ આપવાની રહેશે.

4. MANAGEMENT QUOTA (M.Q.) GUIDELINES

સંચાલક મંડળ (Management Quota)ની બેઠકો ભરવા માટેની અપેક્ષિત કાર્યરીતિ શૈક્ષણિક વર્ષ ૨૦૧૩-૧૪

સંચાલક મંડળની બેઠકો ભરવા માટેની કાર્યરીતિ :

- (૧) દરેક સંસ્થા fair, transparent & non-exploitative રીતે પ્રવેશ કાર્યવાહી કરશે તેમજ કોઈપણ પ્રવેશપાત્રતા ધરાવતા વિદ્યાર્થીને પ્રવેશ ફોર્મ આપવાની કે સ્વીકારવાની ના પાડશે નહીં.
- (૨) દરેક સંસ્થા સંચાલક મંડળની બેઠકો પર પ્રવેશ આપવા માટે તેમની સંસ્થામાંથી એક નોડલ ઓફિસર નિયુક્ત કરશે. પ્રવેશ સમિતિને નોડલ ઓફિસરના નામ તેમજ ફોન નંબરની જાણ કરશે. વિદ્યાર્થી તેમજ પ્રવેશ સમિતિ, પ્રવેશ અંગેની ફરિયાદ માટે નોડલ ઓફિસરનો સંપર્ક કરશે અને નોડલ ઓફિસર આવી તમામ ફરિયાદોનો નિકાલ સમયમર્યાદામાં કરશે.
- (૩) સંચાલક મંડળની બેઠકો ઉપર પ્રવેશ આપવા માટે દરેક સંસ્થા અત્રેથી આપેલ નિશ્ચિત સમયગાળા દરમિયાન પોતાની અનુકૂળતા મુજબ સમયપત્રક બનાવી પ્રવેશની કાર્યવાહી કરશે. પ્રવેશ કાર્યવાહી તા. ૨૧/૦૬/૨૦૧૩ થી શરૂ કરી મોડામાં મોડી તા. ૨૧/૦૭/૨૦૧૩ સુધીમાં પૂર્ણ કરવાની રહેશે. પ્રવેશ આપવા માટેનું કાઉન્સેલીંગ પ્રવેશ સમિતિનાં પરામર્શમાં શરૂ કરવાનું રહેશે. પ્રવેશ આપેલ વિદ્યાર્થીની યાદીને પ્રવેશ સમિતિ દ્વારા સૂચિત સમયમર્યાદામાં પ્રમાણિત કરાવવાની રહેશે.
- (૪) સંચાલક મંડળની બેઠકો ઉપર પ્રવેશ આપવા માટે પ્રત્યેક સંસ્થા અથવા સંસ્થાઓનો સમૂહ સાથે મળી સંયુક્ત રીતે પ્રવેશ કાર્યવાહી કરશે. પ્રવેશ કાર્યવાહી અંગેની તમામ વિગતો રાજ્યના ૫૦,૦૦૦ (પચાસ હજાર) કે તેથી વધારે નકલોનું વેચાણ ધરાવતા અગ્રગણ્ય સમાચાર પત્રો પૈકીના કોઈપણ એક સમાચારપત્રમાં તથા સંસ્થાની વેબસાઈટ પર પ્રસિદ્ધ કરશે. પ્રવેશ પત્ર ભરવા માટે તથા ભરેલા પ્રવેશ પત્રો પરત લેવા માટે ઓછામાં ઓછા કામકાજના સાત દિવસોનો સમય આપવાનો રહેશે. આવી જાહેરાતમાં પ્રવેશ પ્રક્રિયાનું સમયપત્રક એટલે કે પ્રવેશ ફોર્મ વિતરણ તથા સ્વીકારનો સમયગાળો, મેરીટ યાદી જાહેર કરવાની તારીખ તથા કાઉન્સેલીંગની તારીખ અને સ્થળનો સમાવેશ એક જ જાહેરાતમાં અચૂકપણે કરવાનો રહેશે તેમજ પ્રવેશ સમિતિને તેની સંપૂર્ણ માહિતી આપવાની રહેશે.
- (૫) સંસ્થા વિતરણ કરેલ પ્રવેશ ફોર્મની તથા પરત મળતા પ્રવેશ ફોર્મની નોંધ રાખશે, તેને લગતું એક અલાયદું રજિસ્ટર નિભાવશે. સંસ્થા તેને મળેલ પ્રવેશપાત્રતા ધરાવતા અને પ્રવેશ સમિતિનો મેરીટ નંબર ધરાવતા વિદ્યાર્થીઓની આંતરિક મેરીટ (Inter-se Merit) યાદી બનાવશે, મેરીટ યાદી સંસ્થાના નોટીસ બોર્ડ ઉપર, વેબસાઈટ ઉપર પ્રસિદ્ધ કરવાની રહેશે તથા પ્રવેશ સમિતિને એક નકલ મોકલવાની રહેશે. મેરીટમાં સમાવિષ્ટ દરેક વિદ્યાર્થીને કાઉન્સેલીંગ માટે કાઉન્સેલીંગના સાત દિવસ અગાઉ સ્પીડ પોષ્ટ અથવા રજિસ્ટર્ડ પોષ્ટથી વ્યક્તિગત રીતે જાણ કરવાની રહેશે.
- (૬) સંચાલક મંડળની બેઠકો માટેનો પ્રવેશ ફોર્મ માટેની ફી રૂા. ૩૫૦/-થી વધારે રાખી શકશે નહીં.
- (૭) સંચાલક મંડળની બેઠકો ભરવા માટેની આ કાર્યરીતિનું દરેક સંસ્થાએ ચુસ્ત પાલન કરવાનું રહેશે. સદર કાર્યરીતિના ઉલ્લંઘન અંગેની સંસ્થા વિરુદ્ધની ફરિયાદને ગંભીરતાથી લેવામાં આવશે તથા આવા કિસ્સામાં ગુજરાત વ્યાવસાયિક ટેકનીકલ શૈક્ષણિક કોલેજ અથવા સંસ્થાઓ (પ્રવેશ નિયમન અને ફી નિર્ધારણ) અધિનિયમ, ૨૦૦૭ (ગુજરાત કાયદા ક્રમાંક ૨/૨૦૦૮)ની કલમ ૧૪ અન્વયે દંડનીય કાર્યવાહી કરવામાં આવશે.

એન.આર.આઈ. બેઠકો ભરવા માટેની કાર્યરીતિ :

એન.આર.આઈ. બેઠકો માટેની પ્રવેશ કાર્યરીતિમાં સંચાલક મંડળની કાર્યરીતિ ઉપરાંત નીચેના મુદ્દાઓ લાગુ પડશે.

- (૧) જો વિદ્યાર્થીએ લાયકાતની પરીક્ષા વિદેશમાંથી પાસ કરી હોય તો આવા વિદ્યાર્થીઓ માટે જે તે વર્ષની JEE MAIN 2013 પરીક્ષામાંથી મુક્તિ આપવામાં આવશે અને તેઓને લાયકીના અભ્યાસક્રમની પરીક્ષામાં મેળવેલ ગુણ પ્રમાણે મેરીટમાં સમાવેશ કરવાનો રહેશે. આવા વિદ્યાર્થીઓ પ્રવેશ માટે રાજ્ય સરકાર દ્વારા નિર્ધારિત પ્રવેશ લાયકાત ધરાવતા હોવા જોઈએ.
પરંતુ જો લાયકાતની પરીક્ષા ભારતમાંથી પાસ કરી હોય તેવા વિદ્યાર્થીઓ માટે જે તે વર્ષની JEE MAIN 2013 ની પરીક્ષા આપેલ હોય તો જ પ્રવેશને પાત્ર ગણવામાં આવશે. એન.આર.આઈ. વિદ્યાર્થીઓને પ્રવેશ ફાળવવામાં અગ્રતા આપવાની રહેશે.
- (૨) જો વિદ્યાર્થીએ લાયકાતની પરીક્ષા વિદેશમાંથી પાસ કરી હોય તો તેવા વિદ્યાર્થીઓએ એસોસીએશન ઓફ ઈન્ડિયન યુનિવર્સિટી, દિલ્હી તરફથી સમકક્ષતાનું પ્રમાણપત્ર મેળવવાનું રહેશે.
- (૩) એન.આર.આઈ. બેઠકમાં પ્રવેશ મેળવવા માંગતા એન.આર.આઈ. વિદ્યાર્થીએ પોતે એન.આર.આઈ. હોવા અંગેના પુરાવારૂપે પોતાના તથા માતા અને / અથવા પિતાના પાસપોર્ટની નકલ રજૂ કરવાની રહેશે.
એન.આર.આઈ. સ્પોન્સર્ડ વિદ્યાર્થીએ, સ્પોન્સરર વ્યક્તિના એન.આર.આઈ. હોવા અંગેના પુરાવા રજૂ કરવાના રહેશે. સ્પોન્સરર વ્યક્તિના પાસપોર્ટની (સ્પોન્સરરની સહી દર્શાવતી) કોપી તેમજ સોગંદનામું રજૂ કરવાનું રહેશે. સદર સોગંદનામું એન.આર.આઈ. (સ્પોન્સરર) વ્યક્તિનો વિદ્યાર્થી (એન.આર.આઈ. સ્પોન્સર્ડ ઉમેદવાર) સાથેનો સંબંધ દર્શાવતું, સ્પોન્સર્ડ ઉમેદવારની ટ્યુશન ફી તેમજ અન્ય ફી ભરવાની જવાબદારી લેવાની તથા તેના ભણતરની સંપૂર્ણ જવાબદારી પોતે લેશે, તેવી બાંહેધરી આપતું હોવું જોઈએ.
- (૪) એન.આર.આઈ. સ્પોન્સર્ડ વિદ્યાર્થીનો સમાવેશ એન.આર.આઈ. બેઠકોની ગુણવત્તા યાદી તથા સંચાલક મંડળની બેઠકોની ગુણવત્તા યાદી એમ બંને ગુણવત્તા યાદીઓમાં સમાવેશ કરવાનો રહેશે.

5. FEE REFUND GUIDELINES

વ્યાવસાયિક અભ્યાસક્રમોમાં ફી પરત માટે અનુસરવાની કાર્યરીતિ

શૈક્ષણિક વર્ષ ૨૦૧૩-૧૪

ગુજરાત રાજ્યમાં વ્યવસાયિક અભ્યાસક્રમો જેવા કે, ડિગ્રી/ડિપ્લોમા ઈજનેરી, ડિગ્રી/ડિપ્લોમા ફાર્મસી, આર્કિટેક્ચર તથા હોટેલ એન્ડ ટુરીઝમ મેનેજમેન્ટ અભ્યાસક્રમો ચલાવતી સ્વનિર્ભર સંસ્થાઓમાં સરકારી બેઠકો અથવા સંચાલક મંડળની બેઠકો ઉપર પ્રવેશ મેળવેલ વિદ્યાર્થી દ્વારા પ્રવેશ રદ કરાવતી વખતે ફી પરત કરવા માટે નીચે મુજબની કાર્યરીતિ અનુસરવાની રહેશે.

- (૧) કોઈપણ સંસ્થા કોઈપણ સંજોગોમાં ઉમેદવારોનાં અસલ શૈક્ષણિક પ્રમાણપત્રો પોતાના કબજામાં જમા લઈ શકશે નહીં. પ્રવેશ માટે, પ્રવેશ મેળવતી વખતે અસલ પ્રમાણપત્રો માત્ર ચકાસણી અર્થે માંગી શકાશે, જે ચકાસણી થયે ઉમેદવારોને તુરંત પરત કરવાના રહેશે.
- (૨) કોઈપણ અભ્યાસક્રમમાં ઉમેદવાર પ્રવેશ મેળવી, પોતાનો પ્રવેશ, પ્રવેશ-કાર્યવાહી દરમ્યાન રદ કરાવે અને તે બેઠક અન્ય ઉમેદવાર દ્વારા ભરાઈ જાય તે સંજોગોમાં, ઉમેદવારે ભરેલી ટ્યુશન ફીમાંથી, સંસ્થા દ્વારા રૂ. ૧૦૦૦ વહીવટી ચાર્જ કાપી બાકી રહેતી તમામ રકમ તાત્કાલિક પરત કરવાની રહેશે.
- (૩) પ્રવેશ કાર્યવાહી પૂર્ણ થયા બાદ જો ઉમેદવાર પ્રવેશ રદ કરાવે તો, ઉમેદવારે ભરેલી પ્રથમ સેમેસ્ટરની ફી સંસ્થા ખાતે ડિપોઝીટ તરીકે રહેશે અને ઉમેદવારે પ્રવેશ રદ કરાવવાને કારણે ખાલી પડેલી બેઠક સંસ્થા સ્તરે છૂટી-છવાઈ બેઠકો અંતર્ગત ભરાઈ જાય તો, સંસ્થાએ રૂ. ૧,૦૦૦ વહીવટી ખર્ચ કાપી ઉમેદવારે ભરેલી ટ્યુશન ફી પરત કરવાની રહેશે. હોસ્ટેલ ફી ઉમેદવારનાં રહેવાસનાં સપ્રમાણમાં કાપી લઈ બાકીની રકમ પરત કરવાની રહેશે. છૂટી-છવાઈ બેઠકોની કાર્યવાહી પૂર્ણ કરી પ્રવેશ સમિતિ ખાતે, એન્ડોર્સમેન્ટ માટે સંસ્થા જ્યારે દરખાસ્ત કરે ત્યારે સંસ્થાએ ખાલી પડેલી બેઠકની ફી ઉમેદવારને પરત કરેલી છે, તેવું પ્રમાણપત્ર, આવા કિસ્સાઓની સંપૂર્ણ યાદી સાથે રજૂ કરવાનું રહેશે.
- (૪) પ્રવેશની કાર્યવાહી તથા યુનિવર્સિટીમાં એનરોલમેન્ટની કાર્યવાહી પૂર્ણ થયા બાદ, જો કોઈ ઉમેદવાર પોતાનો પ્રવેશ રદ કરાવે તો ઉમેદવારે પ્રથમ વર્ષની પૂરેપૂરી ફી ભરવાની રહેશે અને કોઈપણ પ્રકારનું રીફંડ મળવાપાત્ર થશે નહીં.
- (૫) સંસ્થા કોઈપણ સંજોગોમાં ઉમેદવાર પાસેથી પ્રવેશ રદ કરાવ્યાના કિસ્સામાં, પૂરા અભ્યાસક્રમની ફી વસૂલ કરી શકશે નહીં.

ફી પરત કરવા અંગેની આ કાર્યવાહીનું દરેક સંસ્થાએ ચૂસ્ત પાલન કરવાનું રહેશે. ફી પરત ન કરવા અંગે અથવા તો અસલ શૈક્ષણિક પ્રમાણપત્રો ઉમેદવારને પરત ન કરવા અંગેની સંસ્થા વિરુદ્ધની ફરિયાદ ગંભીરતાથી લેવામાં આવશે. આવા કિસ્સામાં ગુજરાત વ્યાવસાયિક ટેકનીકલ શૈક્ષણિક કોલેજો અથવા સંસ્થાઓ (પ્રવેશ નિયમન અને ફી નિર્ધારણ) અધિનિયમ, ૨૦૦૭ (ગુજરાત કાયદા ક્રમાંક ૨/૨૦૦૮) ની કલમ ૧૪ અન્વયે દંડનીય કાર્યવાહી કરવામાં આવશે.

ઉમેદવાર તથા વાલીને આથી જણાવવામાં આવે છે કે —

- (૧) પાકી પહોંચ મેળવ્યા સિવાય સંસ્થા સ્તરે કોઈપણ પ્રકારનો નાણાંકીય વ્યવહાર કરવો નહીં. રાજ્યની કોઈપણ વ્યાવસાયિક ટેકનીકલ અભ્યાસક્રમ ચલાવતી સંસ્થાઓમાં ડોનેશન, કેપિટેશન ફી વિગેરે વસૂલવા અંગે નિષેધ છે.
- (૨) કોઈપણ વ્યવસાયિક ટેકનીકલ અભ્યાસક્રમ ચલાવતી સંસ્થામાં પ્રવેશ મેળવતી વખતે અસલ પ્રમાણપત્રો જમા કરાવવા નહીં, છતાં પણ જો પ્રમાણપત્રો જમા કરાવવામાં આવશે તે તેઓની અંગત જવાબદારી રહેશે.

દરેક ઉમેદવારોને ઉપરોક્ત મુદ્દાની નોંધ લેવા ભારપૂર્વક જણાવવામાં આવે છે.

6. GRIEVANCES REDRESSAL MECHANISM

The candidates applying for admission to Degree/Diploma Engineering/Pharmacy courses are basically 10th and 12th pass students aged between 15 to 18 years. It was observed from the past experience that the candidates, due to unfamiliar with the procedure of online admission process face lots of uncomfortable situations at different stages of admission process right from the beginning of purchase of PROSPECTUS/INFORMATION BOOKLET and PIN for online registration till they enroll in a college after getting admission.

The few complaints/grievances of the candidates/public generally observed are as under:

1. Regarding admission process/help center/institute etc.
2. Refusal of giving application forms to the candidates by unaided institutions for admission on management quota seats.
3. Violation of merit while granting admission on management quota seats.
4. Demand of capitation fees/donations against the admissions.
5. Retainment/Non return of original documents.

In order to extend a helping hand to resolve the dilemma, the Admission Committee has constituted Grievance Cells, separately for following zones in the State. The candidates can approach the designated officers of the Grievance Cell of the zone under which they belong, through telephone*, in person* and letter #.

Grievance Cells are as under:

Sr. No.	Zone	Districts covered	Officer on Special Duty	Correspondence Address	Contact No.*
1	Head Quarter		Prof. G. B. Modha (Co-ordinator)	ACPC Building, L. D. Engg Campus, Ahmedabad	079-26300360
2	Central	Ahmedabad, Gandhinagar, Anand, Bhavnagar, Dahod, Godhra, Kheda, Surendranagar, Vadodara	Prof. M. V. Shah	ACPC Building, L. D. Engg Campus, Ahmedabad	079-26300360
3	North	Mehsana, Banaskantha, Patan, Panchmahal, Sabarkantha	Prof. K. B. Rathod	ACPC Building, L. D. Engg Campus, Ahmedabad	079-26300360
4	Saurashtra & Kutch	Kutch, Rajkot, Amreli, Junagadh, Porbandar, Jamnagar	Prof. B. B. Agola	L. E. College, Morbi	02822-242196
5	South	Dang, Bardoli, Narmada, Navsari, Surat, Valsad, Tapi, Bharuch	Prof. Y. D. Vora	G. E. C. Surat	0261-2653139

* In case of telephone or in person, candidate may contact between 10.30 am to 6.0 pm on working days.

Any candidate wishes to submit written complaints against any institute or person in connection with the online admission process and management quota admissions, has to submit in a letter format stating the full name, address, contact number, User ID, seat number of the candidate to be addressed to the Officer on Special Duty of the Grievance Cell of respective zone.

The candidates have to file their complaints within the stipulated time limit.

NOTE: FOR ANY KIND OF INFORMATION/QUERIES CONTACT HELPLINE NO AS MENTIONED IN PROSPECTUS/ INFORMATION BOOKLET.

દ. ફરિયાદ નિવારણની કાર્યરીતિ

ડિગ્રી / ડિપ્લોમા ઈજનેરી / ફાર્મસીમાં પ્રવેશ માટે અરજી કરતાં ઉમેદવારો મુખ્યત્વે ૧૫ થી ૧૮ વર્ષની ઉંમરનાં ધો. ૧૦ અને ધો. ૧૨ ઉત્તીર્ણ વિદ્યાર્થીઓ હોય છે. ભૂતકાળનાં અનુભવોને લક્ષમાં લેતાં એ જોવામાં આવ્યું છે કે, ઓનલાઈન એડમિશનની પ્રક્રિયાથી વિગતવાર વાકેફ નહીં હોવાથી આવા ઉમેદવારોને પ્રવેશ પ્રક્રિયાનાં વિવિધ સ્તરે, ઓનલાઈન રજિસ્ટ્રેશન માટેનાં પ્રોસ્પેક્ટસ/માહિતી પુસ્તિકા અને PINની ખરીદીથી માંડીને પ્રવેશ મેળવ્યા બાદ સંસ્થાઓમાં એનરોલ થવા સુધીમાં અનિચ્છનીય પરિસ્થિતિઓનો સામનો કરવો પડે છે.

ઉમેદવારો / સામાન્ય જનતાને અનુલક્ષીને ધ્યાનમાં આવેલી કેટલીક સામાન્ય ફરિયાદો નીચે મુજબ છે :

- (૧) પ્રવેશ પ્રક્રિયા / હેલ્પ સેન્ટર / સંસ્થાને લગતી.
- (૨) સ્વનિર્ભર સંસ્થાઓ દ્વારા મેનેજમેન્ટ ક્વોટાની બેઠકોની પ્રવેશ કાર્યવાહીનાં પ્રવેશ ફોર્મ ઉમેદવારોને નહીં આપવાને લગતી.
- (૩) મેનેજમેન્ટ ક્વોટાની પ્રવેશ કાર્યવાહીમાં મેરીટના ભંગને લગતી.
- (૪) પ્રવેશની અવેજમાં વધારાની ફી / ડોનેશનની માંગણીને લગતી.
- (૫) અસલ પ્રમાણપત્રો જમા લેવા / પરત નહીં કરવાને લગતી.

પ્રવેશ વાંચ્યુ ઉમેદવારોને મદદરૂપ થવા અને આવી દુવિધાજનક પરિસ્થિતિમાંથી ઉગારવા માટે પ્રવેશ સમિતિ દ્વારા રાજ્યનાં નીચે મુજબનાં ઝોનમાં, ઝોન મુજબ ફરિયાદ નિવારણ સેલનું ગઠન કરવામાં આવેલ છે. ઉમેદવારો તેઓની ફરિયાદ બાબતે લાગુ પડતાં ઝોનમાં, ફરિયાદ નિવારણ સેલમાં નિયુક્ત કરવામાં આવેલાં અધિકારીને ફોનથી*, રૂબરૂ* અથવા પત્ર# દ્વારા મળી શકશે.

ફરિયાદ નિવારણ સેલ નીચે મુજબ છે :

ક્રમ	ઝોન	આવરી લેવાયેલ જિલ્લાઓ	ખાસ ફરજ પરનાં અધિકારી	પત્ર વ્યવહારનું સરનામું	સંપર્ક નંબર
૧	હેડ ક્વાટર		પ્રો. જી. બી. મોઢા (કો-ઓર્ડિનેટર)	પ્રવેશ સમિતિ બિલ્ડીંગ, એલ. ડી. કોલેજ ઓફ એન્જિ. કેમ્પસ, અમદાવાદ.	૦૭૯-૨૬૩૦૦૩૬૦
૨	મધ્ય	અમદાવાદ, ગાંધીનગર, આણંદ, ભાવનગર, દાહોદ, ગોધરા, ખેડા, સુરેન્દ્રનગર, વડોદરા	પ્રો. એમ. વી. શાહ	પ્રવેશ સમિતિ બિલ્ડીંગ, એલ. ડી. કોલેજ ઓફ એન્જિ. કેમ્પસ, અમદાવાદ.	૦૭૯-૨૬૩૦૦૩૬૦
૩	ઉત્તર	મહેસાણા, બનાસકાંઠા, પાટણ, પંચમહાલ, સાબરકાંઠા	પ્રો. કે. બી. રાઠોડ	પ્રવેશ સમિતિ બિલ્ડીંગ, એલ. ડી. કોલેજ ઓફ એન્જિ. કેમ્પસ, અમદાવાદ.	૦૭૯-૨૬૩૦૦૩૬૦
૪	સૌરાષ્ટ્ર અને કચ્છ	કચ્છ, રાજકોટ, અમરેલી, જૂનાગઢ, પોરબંદર, જામનગર	પ્રો. બી. બી. અગોલા	એલ.ઈ. કોલેજ, મોરબી	૦૨૮૨૨-૨૪૨૧૯૬
૫	દક્ષિણ	ડાંગ, બારડોલી, નર્મદા, નવસારી, સુરત, વલસાડ, તાપી, ભરૂચ	પ્રો. વાય. ડી. વોરા	જી.ઈ.સી., સુરત	૦૨૬૧-૨૬૫૩૧૩૯

* ફોનથી અને રૂબરૂ સંપર્ક કરવાનાં કિસ્સામાં, ઉમેદવારોએ કામકાજનાં દિવસોમાં સવારે ૧૦-૩૦ થી સાંજે ૬-૦૦ સુધીમાં સંપર્ક કરવાનો રહેશે.

જે કોઈ ઉમેદવાર સંસ્થાઓ, વ્યક્તિઓ કે સંચાલક મંડળની બેઠકોની કાર્યવાહીને લગતી ઓનલાઈન પ્રવેશ પ્રક્રિયા માટેની લેખિત ફરિયાદ કરવા માંગતા હોય, તેઓએ પત્ર સ્વરૂપમાં ફરિયાદ કરવાની રહેશે અને આવી ફરિયાદમાં ઉમેદવારોનું પૂરું નામ, સરનામું, સંપર્ક નંબર, User ID, બેઠક નંબરનો અચૂક પણે દર્શાવી, તેઓને લગતાં ઝોનનાં ફરિયાદ નિવારણ સેલનાં ખાસ ફરજ પરનાં અધિકારીને આવી ફરિયાદ આપવાની રહેશે.

આવી ફરિયાદો નિર્ધારિત સમયગાળામાં કરવામાં ઉમેદવારોને સલાહ આપવામાં આવે છે.

નોંધ : કોઈપણ પ્રકારની માહિતી / પ્રશ્નો માટે ઉમેદવારોને માહિતી પુસ્તિકામાં દર્શાવેલ હેલ્પલાઈન નંબરનો સંપર્ક કરવા જણાવવામાં આવે છે.

7. EDUCATION LOAN FACILITY

7.1 EDUCATIONAL LOAN SCHEMES OF INDIAN BANKS ASSOCIATION :

Purpose	Payment of course fees. Purchase of books, equipments, instruments, uniform, payment of hostel fees, examination fees, study tours for studies in India
Eligible Courses	Professional courses: Engineering, Medical, Agriculture, Veterinary, Law, Dental, Computer, Management, etc.
Quantum of Finance	Need based finance For studies in India: Max. Rs.10.00 lacs
Margin	Upto to Rs.4.00 lacs – Nil Above Rs.4.00 lacs – for studies in India – 5%
Security	Loan is given jointly to the student and parent /guardian Assignment of future income of the student <ul style="list-style-type: none"> • Upto Rs.4.00 lacs- No security • Above Rs.4.00 lacs upto Rs. 7.50 lacs –Satisfactory third party guarantee (Note: If the proposed borrower prefers to offer collateral security of tangible assets (moveable or immovable) instead of bringing collateral securities in the form of third party guarantee, the same may be accepted, at his request, provided the securities with stipulated margin covers 100% of the loan amount). <ul style="list-style-type: none"> • Above Rs. 7.50 lakhs: Collateral security equal to 100% of the loan amount.
Processing fee	No processing / upfront charges may be levied on loans sanctioned under the scheme.
Repayment	Commences two years after completion of the course or six months after getting employment, whichever is earlier. Loan with interest is repayable in equated monthly installments within: For loans Upto Rs.7.5 lacs – 10 years after commencement of repayment For loans above Rs.7.5 Lakhs - up to 15 years after commencement of repayment No prepayment penalty <u>Credit Delivery</u> Loan can be availed from the branch nearest to the place of permanent residence of the parent / guardian. Obtention of UID number (Aadhaar) of the student is compulsory
Rate of interest	<ul style="list-style-type: none"> • Interest to be charged at rates linked to the Base rate as decided by individual banks • Simple interest to be charged during the study period and up to commencement of repayment.
Eligibility	<ul style="list-style-type: none"> • Should be an Indian National with no specific restriction for age of the student. • Should have secured admission on merit to professional/technical courses in India including management quota.
Not eligible for interest subsidy	<ul style="list-style-type: none"> • Students admitted through management quota • Students pursuing studies abroad • Students pursuing courses which are not approved under IBA Scheme but approved by the Bank. • Students discontinuing the course in the mid-stream or who are expelled from the institution on disciplinary or academic grounds. However subsidy would be available for actual period of study only if discontinuation is due to medical grounds with necessary documentation.
Interest Subsidy to Economical Weaker Section Students	<ul style="list-style-type: none"> • Interest subsidy during moratorium period is available to students who produce parents income certificate not exceeding Rs.4.50 lacs p.a. • The income certificate is to be issued by the authority viz. District Collector, Dy. Collector/ Asst. Collector/Prant Officer & Mamlatdar

7.2 CENTRAL SECTOR SCHEME OF INTEREST SUBSIDY FOR EDUCATION LOANS BY SCHEDULED BANKS :

Synopsis

- Students belonging to Economically Weaker Sections (EWS) with annual gross parental/family income from all sources with an upper limit of Rs. 4.50 Lacs are eligible.

Introduction:

One of the major concerns of the Government is to ensure that nobody is denied Professional education because he or she is poor. The Indian Banks' Association (IBA) had formulated a comprehensive model educational loan scheme for adoption by all Banks aimed at providing financial support from the banking system to deserving/meritorious students for pursuing higher education in India and abroad.

Objective of the Scheme

The Government of India has approved a scheme to provide full interest subsidy during the period of moratorium i.e., Course Period plus one year or six months after getting job, whichever is earlier, on loans taken by students belonging to Economically Weaker Sections from scheduled banks under the Educational Loan scheme of the Indian Banks' Association, for pursuing any of the approved courses of studies in technical and professional streams, from recognized institutions in India.

The nomenclature of the Scheme is "Central Scheme to provide Interest Subsidy for the period of moratorium on Educational Loans taken by students from Economically Weaker Sections from scheduled banks under the Educational Loan Scheme of the Indian Banks' Association to pursue Technical/Professional Education studies in India"

Applicability of the Scheme

The Scheme could be adopted by all scheduled Banks and would be applicable only for studies in recognized Technical/Professional Courses in India. The interest subsidy shall be linked with the existing Educational Loan Scheme of IBA and restricted to students enrolled in recognized Technical/Professional Courses (after Class XII) in India in Educational Institutions established by Acts of Parliament, other Institutions recognized by the concerned Statutory Bodies, Indian Institutes of Management (IIMs) and other Institutions set up by the Central/State Government.

Interest Rates to loan accounts

The interest rates charged on the education loan shall be as per the rates prescribed by Banks.

Period for which Interest Subsidy is available

Under the Central Scheme, the interest payable by the student belonging to EWS for availing of the Educational Loan for Technical/Professional Courses in India for the period of moratorium i.e., Course Period plus one year or six months after getting job, whichever is earlier, as prescribed under the Educational Loan Scheme of the Indian Banks' Association, shall be borne by the Government of India. After the period of moratorium is over, the interest on the outstanding loan amount shall be paid by the student, in accordance with the provisions of the existing Educational Loan Scheme of Bank and as may be amended from time to time, whichever is earlier.

Income Limit/Proof

The benefits under the Scheme would be applicable to those students belonging to economically weaker sections, with an annual gross parental/family income upper limit of Rs.4.50 Lacs per year (from all sources). Income proof shall be required from the students from such public authorities which are authorized by the

State Governments for certification of income status for this Scheme, including Central and State Sector Schemes. The present scheme is intended to cater to the needs of students belonging to economically weaker sections with prescribed upper parental gross income limit of the family from all sources, which is based on economic index and not on social background. The scheme is independent of any other schemes which may cater to EWS.

Eligibility for Interest Subsidy

The interest subsidy under the Scheme shall be available to the eligible students only once, either for the first undergraduate degree course or the post graduate degrees/diplomas in India. Interest Subsidy shall, however, be admissible for integrated courses.

Interest Subsidy under this Scheme shall not be available for those students once they discontinue the course midstream, or who are expelled from the Institutions on disciplinary or academic grounds, However, the interest subsidy will be available only if the discontinuation was due to medical grounds for which necessary documentation to the satisfaction of the Head of educational institution will have to be given.

Noting Lien of Education Loan in the Awards/Certificates

There would be tag/marker on the degree of the student indicating his repayment towards liabilities. Electronic Tags will enable employers to identify loanees. (The Ministry of HRD has initiated the proposal to dematerialize the educational awards/certificates, setting up of Depository for maintaining the records in dematerialized form and providing service to the users. Banks can have online access for verification process, which would eliminate fraudulent practices like forging of certificates and marks sheets.)

Nodal Bank

The Scheme shall be implemented through Canara Bank, which is the Nodal Bank for the Ministry of Human Resource Development. Modalities for implementation and monitoring mechanism shall be finalised in consultation with the Canara Bank.

List of Technical/Professional courses

A list of Technical/Professional courses for which the Scheme shall be applicable, shall be brought out by the Ministry of HRD in consultation with the concerned Ministries/Departments and the Indian Banks' Association and publicized from time to time. As regards list of accredited universities/institutions and recognized professional courses, UGC and AICTE would immediately display the names of such institutions and courses in their websites, which may be accessed for verification purposes.

Monitoring

A monitoring mechanism shall be evolved by the Ministry of HRD to monitor the benefits accruing to different categories of loanees, such as, the Scheduled Castes, Scheduled Tribes, Minorities, Disabled, etc.

8. CODE OF CONDUCT AND DISCIPLINE

RULES FOR CONDUCT AND DISCIPLINE FOR STUDENTS OF INSTITUTES COVERED UNDER THE COMMISSIONER, TECHNICAL EDUCATION, GUJARAT STATE :

1. Except unavoidable circumstances or due to health reason with which medical certificate or request letter from the guardian suit to the occasion, every student has to attend his teaching periods, laboratory since from the beginning of every academic session. In the beginning of the session, late coming students shall be entitled for a fine @ Rs.10 per day.
2. Students shall not disturb the class in any manner nor shall misbehave with teaching fraternity directly or indirectly.
3. No student shall act against the rule or misconduct in and around the campus.
4. Any person or group or party is prohibited from any activities which may disturb the functions of the institute. Disciplinary action will be initiated against the student who indulges in to such activities.
5. Any damage or destruction to the property/belongings of the institute, staff and students is strictly prohibited. If any student found to be indulged in such activities, the cost of the loss shall be recovered from the parents/guardian of the student.
6. It is anticipated good manners and proper conduct and gentleness from the individual as well as group of students.
7. The student has to maintain sense of proportion in the extra-curricular activities and do not make hindrance in the academic activities.
8. It is mandatory to obey the instructions given by the teachers pertaining to academic or other matters, time to time.
9. The students shall not take part in the activities not authorized by the institution which may hurt conduct and academic relations.
10. Every student has to wear the identity card issued by the institute as also produce as and when asked by the authorized officer of the institute.
11. No student shall carry intoxicating or narcotic drugs/items with him and shall not consume it. Those who breach the orders shall be liable for cancellation of admission / rustication from the college.

Any student convicted to be the culprit in the breach of any of the above guidelines or other specific instructions and the guidelines issued time to time by the authorities of University/Technical Examination Board/Institute the Principal of the concerned institute shall be the competent authority to impose suitable punishment and in any extreme case can put the student on suspension or debar from the institute and the decision of the Principal shall be binding to all concerned.

૮. વર્તણૂક અને શિસ્તપાલનનાં નિયમો

ગુજરાત રાજ્યનાં આયુક્તશ્રી, ટેકનીકલ શિક્ષણની કચેરીના તાબા હેઠળની સંસ્થાનાં વિદ્યાર્થીઓનાં વર્તણૂક અને શિસ્તપાલનનાં નિયમો :

૧. અનિવાર્ય સંજોગો કે માંદગીને કારણે હાજર રહી ન શકાય ત્યારે દાક્તરી પ્રમાણપત્ર કે સંજોગોને અનુરૂપ રજા માટેના વાલીના વિનંતીપત્ર સિવાયના સંજોગોમાં દરેક વિદ્યાર્થીએ પ્રત્યેક સત્ર પ્રારંભ દિનેથી જ બધા જ કાર્યદિનોએ સંસ્થામાં બધા જ શૈક્ષણિક વર્ગો, પ્રાયોગિક કાર્ય વગેરેમાં ઉપસ્થિત રહેવું જોઈશે. સત્રના પ્રારંભમાં મોડા આવનાર વિદ્યાર્થીઓ દૈનિક રૂા. ૧૦/-ના દરે શિક્ષાશુલ્કને પાત્ર ઠરશે.
૨. વિદ્યાર્થીઓ વર્ગમાં કોઈપણ જાતનો વિક્ષેપ ઊભો કરશે નહિ તેમજ પ્રત્યક્ષ કે પરોક્ષ રીતે અધ્યાપકગણનું અપમાન કરશે નહિ.
૩. સંસ્થાના વિસ્તારમાં કોઈ પણ વિદ્યાર્થી કાયદા વિરૂદ્ધ કે અવ્યવસ્થાજનક વર્તાવ કરી શકશે નહિ.
૪. કોઈપણ વ્યક્તિ કે સમૂહ કે પક્ષેથી સંસ્થાના નિયમિત સંચાલનમાં દખલ કરે તેવી કોઈપણ પ્રવૃત્તિ પ્રતિબંધિત છે. તેવી પ્રવૃત્તિ કરનાર વિદ્યાર્થી સામે શિસ્તભંગના પગલાં ભરવામાં આવશે.
૫. સંસ્થાની, સંસ્થાના કર્મચારીગણની કે વિદ્યાર્થીગણની મિલકતને કડૂપ બનાવવાની, નુકશાન પહોંચાડવાની કે નાશ કરવાની મનાઈ છે. આવું નુકસાન સંબંધિત વિદ્યાર્થીઓના માતા/પિતા કે વાલી પાસેથી વસુલ કરવામાં આવશે.
૬. વિદ્યાર્થી સમૂહ કે વ્યક્તિગત વિદ્યાર્થી પાસેથી વ્યક્તિગત શિષ્ટાચાર અને યોગ્ય વર્તનની અને વિનયની અપેક્ષા રાખવામાં આવે છે.
૭. અભ્યાસેત્તર પ્રવૃત્તિનાં સંચાલનમાં વિદ્યાર્થીએ પ્રમાણભાન જાળવવું પડશે અને તેઓ શૈક્ષણિક આવશ્યકતાઓમાં પોતાની જાતે દખલરૂપ નિવડવા દેશે નહિ.
૮. અધ્યાપકગણ તરફથી વખતોવખત શૈક્ષણિક કે અન્ય કાર્યને લગતી અપાતી સૂચનાઓને ચૂસ્તપણે પાળવી આવશ્યક રહેશે.
૯. શિષ્ટ શિક્ષણ સંબંધોને શૈક્ષણિક નુકસાન પહોંચાડે તેવી અને સંસ્થાએ સત્તાવાર રીતે માન્ય ન કરી હોય તેવી પ્રવૃત્તિમાં વિદ્યાર્થીઓ ભાગ લઈ શકશે નહિ.
૧૦. સંસ્થાના સત્તાવાળો તરફથી અપાયેલ ઓળખપત્ર દરેક વિદ્યાર્થીએ પોતાની પાસે રાખવાનું રહેશે અને સંસ્થાનાં અધિકૃત અધિકારીઓ તપાસવા માંગે ત્યારે રજૂ કરવાનું રહેશે.
૧૧. કોઈપણ વિદ્યાર્થી પોતાની પાસે કેફી અથવા માદક દ્રવ્યો રાખવી શકશે નહિ અને તેનું સેવન કરશે નહિ અને જો આ સૂચનાનું ઉલ્લંઘન કરશે તો તેનો પ્રવેશ રદ કરવામાં આવશે.

જ્યારે જ્યારે વર્તન (ચાલચલગત) અંગેના ઉપર નિર્દિષ્ટ સામાન્ય ધોરણો કે અન્ય ખાસ ધોરણો અને યુનિવર્સિટી / ટેકનીકલ પરીક્ષા બોર્ડ / સંસ્થાના સત્તાવાળાઓ સમય સમય પર અપનાવે તે ધોરણો પાળવામાં વિદ્યાર્થી કસુરવાર થશે તો તે માટે આચાર્ય દ્વારા દંડ તથા ખાસ કિસ્સામાં અભ્યાસ મોકુફી કે બરતરફી જેવા શિક્ષાત્મક પગલાં લઈ શકશે અને તે માટે સંસ્થાના વડા સક્ષમ અધિકારી ગણાશે અને તેમનો નિર્ણય બંધનકર્તા રહેશે.

9. PREVENTION AND PROHIBITION OF RAGGING

OBJECTIVES :

In view of the directions of the Honorable Supreme Court in SLP No. 24295 of 2006 dated 16-05-2007 and in Civil Appeal number 887 of 2009, dated 08-05-2009 to prohibit, prevent and eliminate the scourge of ragging including any conduct by any student or students whether by words spoken or written or by an act which has the effect of teasing, treating or handling with rudeness a fresher or any other student, or indulging in rowdy or undisciplined activities by any student or students which causes or is likely to cause annoyance, hardship or psychological harm or to raise fear or apprehension thereof in any fresher or any other student or asking any student to do any act which such student will not in the ordinary course do and which has the effect of causing or generating a sense of shame, or torment or embarrassment so as to adversely affect the physique or psyche of such fresher or any other student, with or without an intent to derive a sadistic pleasure or showing off power, authority or superiority by a student over any fresher or any other student, in all higher education institutions in the country, and thereby, to provide for the healthy development, physically and psychologically, of all students.

WHAT CONSTITUTES RAGGING :

Ragging constitutes one or more of any of the following acts:

1. Any conduct by any student or students whether by words spoken or written or by an act which has the effect of teasing, treating or handling with rudeness a fresher or any other student;
2. Indulging in rowdy or undisciplined activities by any student or students which causes or is likely to cause annoyance, hardship, physical or psychological harm or to raise fear or apprehension thereof in any fresher or any other student;
3. Asking any student to do any act which such student will not in the ordinary course do and which has the effect of causing or generating a sense of shame, or torment or embarrassment so as to adversely affect the physique or psyche of such fresher or any other student;
4. Any act by a senior student that prevents, disrupts or disturbs the regular academic activity of any other student or a fresher;
5. Exploiting the services of a fresher or any other student for completing the academic tasks assigned to an individual or a group of students.
6. Any act of financial extortion or forceful expenditure burden put on a fresher or any other student by students;
7. Any act of physical abuse including all variants of it: sexual abuse, homosexual assaults, stripping, forcing obscene and lewd acts, gestures, causing bodily harm or any other danger to health or person;
8. Any act or abuse by spoken words, emails, posts, public insults which would also include deriving perverted pleasure, vicarious or sadistic thrill from actively or passively participating in the discomfiture to fresher or any other student
9. Any act that affects the mental health and self-confidence of a fresher or any other student with or without an intent to derive a sadistic pleasure or showing off power, authority or superiority by a student over any fresher or any other student.

MANDATORY DISCLOSURE :

1. Ragging is totally banned and anyone found guilty of ragging and/or abetting ragging is liable to be punished.
2. The **Appendix-I** should be filled up and signed by the candidate to the effect that he / she is aware of the law regarding prohibition of ragging as well as the punishments, and that he/she, if found guilty of the offence of ragging and / or abetting ragging, is liable to be punished appropriately.

3. The **affidavit-II** should be signed by the parent/guardian of the applicant to the effect that he/she is also aware of the law in this regard and agrees to abide by the punishment meted out to his/her ward in case the latter is found guilty of ragging and / or abetting ragging.
4. A student seeking admission to the hostel shall have to submit another **affidavit-III** along with his/her application for hostel accommodation that he / she is also aware of the law in this regard and agrees to abide by the punishments meted out if he / she is found guilty of ragging and / or abetting ragging.
5. The first year students should desist from doing anything against their will even if ordered by the seniors, and that they have nothing to fear as the institution cares for them and shall not tolerate any atrocities against them.
6. A student securing admission to a particular institute shall have to submit concern affidavits to the principal of institute.

ACTIONS TO BE TAKEN AGAINST STUDENTS FOR INDULGING AND ABETTING RAGGING IN TECHNICAL INSTITUTIONS :

1. The punishment to be meted out to the persons indulged in ragging has to be exemplary and justifiably harsh to act as a deterrent against recurrence of such incidents.
2. Every single incident of ragging a First Information Report (FIR) must be filed without exception by the institutional authorities with the local police authorities.
3. The Anti-Ragging Committee of the institution shall take an appropriate decision, with regard to punishment or otherwise, depending on the facts of each incident of ragging and nature and gravity of the incident of ragging.
4. Depending upon the nature and gravity of the offence as established the possible punishments for those found guilty of ragging at the institution level shall be any one or any combination of the following,
 - a. Cancellation of admission
 - b. Suspension from attending classes
 - c. Withholding / withdrawing scholarship / fellowship and other benefits
 - d. Debarring from appearing in any test / examination or other evaluation process
 - e. Withholding results
 - f. Debarring from representing the institution in any regional, national or international meet, tournament, youth festival, etc.
 - g. Suspension / expulsion from the hostel
 - h. Rustication from the institution for period ranging from 1 to 4 semesters
 - i. Expulsion from the institution and consequent debarring from admission to any other institution.
 - j. Collective punishment: when the persons committing or abetting the crime of ragging are not identified, the institution shall resort to collective punishment as a deterrent to ensure community pressure on the potential raggars.

An appeal against the order of punishment by the Anti-Ragging Committee shall lie,

1. In case of an order of an institution, affiliated to or constituent part, of the University, to the Vice-Chancellor of the University;
2. In case of an order of a University, to its Chancellor.
3. In case of an institution of national importance created by an Act of Parliament, to the
4. Chairman or Chancellor of the institution, as the case may be.

The institutional authorities shall intimate the incidents of ragging occurred in their premises along with actions taken to the Council from time to time.

APPENDIX - I : AFFIDAVIT BY THE STUDENT

I, _____ (full name of student with admission / registration / enrolment number) s/o - d/o Mr. _____.

- 1) having been admitted to _____ (name of the institution) _____ (address) have received a copy of the AICTE regulations on Curbing the menace of Ragging in Higher Educational Institutions, 2009, (hereinafter called the "Regulations") carefully read and fully understood the provisions contained in the said Regulations.
- 2) I have, in particular, perused clause 3 of the Regulations and am aware as to what constitutes ragging.
- 3) I have also, in particular, perused clause 7 and clause 9.1 of the Regulation and am fully aware of the penal and administrative action that is liable to be taken against me in case I am found guilty of or abetting ragging, actively or passively, or being part of a conspiracy to promote ragging.
- 4) I hereby solemnly aver and undertake that
 - a) I will not indulge in any behavior or act that may be constituted as ragging under clause 3 of the Regulations.
 - b) I will not participate in or abet or propagate through any act of commission or omission that may be constituted as ragging under clause 3 of the Regulations.
- 5) I hereby affirm that, if found guilty of ragging, I am liable for punishment according to clause 9.1 of the Regulations, without prejudice to any other criminal action that may be taken against me under any penal law or any law for the time being in force.
- 6) I hereby declare that I have not been expelled or debarred from admission in any institution in the country on account of being found guilty of, abetting or being part of a conspiracy to promote, ragging; and further affirm that, in case the declaration is found to be untrue, I am aware that my admission is liable to be cancelled.

Declared this _____ day of _____ month of _____ year.

Signature of Deponent

Name : _____

VERIFICATION

Verified that the contents of this affidavit are true to the best of my knowledge and no part of the affidavit is false and nothing has been concealed or misstated therein.

Verified at _____ (place) on this the _____ (day) of _____ (month) _____ (year)

Signature of Deponent

Solemnly affirmed and signed in my presence on this the _____ (day) of _____ (month) _____ (year) after reading the contents of this affidavit.

OATH COMMISSIONER

APPENDIX - II : AFFIDAVIT BY PARENT / GUARDIAN

I, Mr./Mrs./Ms. _____ (full name of parent/guardian) father / mother / guardian of _____ (full name of student) having admission /registration/enrolment number _____.

- 1) having been admitted to _____ (name of the Institution), have received a copy of the AICTE regulations on Curbing the menace of Ragging in Higher Educational Institutions, 2009, (hereinafter called the "Regulations") carefully read and fully understood the provisions contained in the said Regulations.
- 2) I have, in particular, perused clause 3 of the Regulations and am aware as to what constitutes ragging.
- 3) I have also, in particular, perused clause 7 and clause 9.1 of the Regulations and am fully aware of the penal and administrative action that is liable to be taken against my ward in case he/she is found guilty or abetting ragging, actively or passively, or being part of a conspiracy to promote ragging.
- 4) I hereby solemnly aver and undertake that
 - a) My ward will not indulge in any behavior or act that may be constituted as ragging under clause 3 of the Regulations.
 - b) My ward will not participate in or abet or propagate through any act of commission or omission that may be constituted as ragging under clause 3 of the Regulations.
- 5) I hereby affirm that, if found guilty of ragging, my ward is liable for punishment according to clause 9.1 of the Regulations, without prejudice to any other criminal action that may be taken against my ward under any penal law or any law for the time being in force.
- 6) I hereby declare that my ward has not been expelled or debarred from admission in any institution in the country on account of being found guilty of, abetting or being part of a conspiracy to promote, ragging; and further affirm that, in case the declaration is found to be untrue, I am aware that my admission my ward is liable to be cancelled.

Declared this _____ day of _____ month of _____ year.

Signature of Deponent

Name : _____
Address : _____
Telephone/Mobile No. : _____

VERIFICATION

Verified that the contents of this affidavit are true to the best of my knowledge and no part of the affidavit is false and nothing has been concealed or misstated therein.

Verified at _____ (place) on this the _____ (day) of _____ (month) _____ (year)

Signature of Deponent

Solemnly affirmed and signed in my presence on this the _____ (day) of _____ (month) _____ (year) after reading the contents of this affidavit.

OATH COMMISSIONER

10. PROVISIONAL LIST OF INSTITUTES

PROVISIONAL LIST OF DEGREE ENGINEERING INSTITUTES FOR YEAR 2013-14					
SR. NO.	INSTITUTES	COURSES	INTAKE	INSTITUTE COURSE CODE	TUITION FEE PER ANNUM ₹.
GOVERNMENT DEGREE ENGINEERING INSTITUTES					
1	GOVERNMENT ENGINEERING COLLEGE, BHARUCH Opp. Bholav Guest House, Village Kasak, Bharuch 392 002, Phone: 02642-227054 , 02642 - 226381 Fax: 02642-227054 www.gecbharuch.com	ELECTRICAL ENGINEERING	120	113-1L	1500
		ELECTRONICS & COMMUNICATION ENGINEERING	120	113-16	
		MECHANICAL ENGINEERING	120	113-1F	
		CIVIL ENGINEERING	60	113-1S	
		CHEMICAL ENGINEERING	60	113-1W	
		TOTAL	480		
2	GOVERNMENT ENGINEERING COLLEGE, BHAVNAGAR Near BPTI , Vidyanagar, Bhavnagar, Phone : 0278-2525354 Fax: 0278-2525354, www.gecbvn.ac.in	ELECTRONICS & COMMUNICATION ENGINEERING	120	111-16	1500
		MECHANICAL ENGINEERING	120	111-1F	
		PRODUCTION ENGINEERING	120	111-1G	
		INFORMATION TECHNOLOGY	60	111-1E	
		CIVIL ENGINEERING	60	111-1S	
		COMPUTER ENGINEERING	60	111-1D	
TOTAL	540				
3	GOVERNMENT ENGINEERING COLLEGE, BHUJ New Ravalwadi Relocation Site, Near Umanagar, Mirzapar Road, Bhuj (Kutch)-370 001 Phone: 02832-231164, Fax:02832-231169 www.gecbhuj.gujarat.gov.in	CHEMICAL ENGINEERING	60	106-1W	1500
		CIVIL ENGINEERING	120	106-1S	
		ELECTRICAL ENGINEERING	120	106-1L	
		ELECTRONICS & COMMUNICATION ENGINEERING	120	106-16	
		MECHANICAL ENGINEERING	120	106-1F	
		MINING ENGINEERING	120	106-1P	
TOTAL	720				
4	GOVERNMENT ENGINEERING COLLEGE, DAHOD Jalod road, Dahod-389 151 Phone: 02673-243780, Fax:02673-243780, www.gecdahod.org	CIVIL ENGINEERING	120	114-1S	1500
		ELECTRICAL ENGINEERING	120	114-1L	
		ELECTRONICS & COMMUNICATION ENGINEERING	60	114-16	
		MECHANICAL ENGINEERING	120	114-1F	
		COMPUTER ENGINEERING	60	114-1D	
		TOTAL	480		
5	GOVERNMENT ENGINEERING COLLEGE, GANDHINAGAR Sector-28, Near Pasu Jaivik Sanstha, Gandhinagar-382 028, Fax: 079-23215965 www.gecg28.ac.in	BIO-MEDICAL ENGINEERING	120	115-13	1500
		COMPUTER ENGINEERING	120	115-1D	
		ELECTRONICS & COMMUNICATION ENGINEERING	120	115-16	
		INSTRUMENTATION & CONTROL ENGINEERING	120	115-1R	
		METALLURGICAL ENGINEERING	60	115-1J	
		INFORMATION TECHNOLOGY	60	115-1E	
TOTAL	600				
6	GOVERNMENT ENGINEERING COLLEGE, GODHRA Village Nasirpur, PO Govindi, Godhra - Lunavada Road, Godhra-389001	CIVIL ENGINEERING	60	118-1S	1500
		ELECTRICAL ENGINEERING	60	118-1L	
		ELECTRONICS & COMMUNICATION ENGINEERING	60	118-16	
		MECHANICAL ENGINEERING	60	118-1F	
		TOTAL	240		
7	GOVERNMENT ENGINEERING COLLEGE, MODASA Shamalaji Road, Modasa - 383 315, Dist : Sabarkantha Phone : 02774-242634, Fax: 02774-242633 www.gecmodasa.ac.in	AUTOMOBILE ENGINEERING	120	104-1I	1500
		CIVIL ENGINEERING	120	104-1S	
		COMPUTER ENGINEERING	120	104-1D	
		ELECTRICAL ENGINEERING	120	104-1L	
		ELECTRONICS & COMMUNICATION ENGINEERING	120	104-16	
		INFORMATION TECHNOLOGY	120	104-1E	
		MECHANICAL ENGINEERING	120	104-1F	
TOTAL	840				
8	GOVERNMENT ENGINEERING COLLEGE, PALANPUR Ahmedabad-Palanpur Highway, At: Jagana Ta: Palanpur, Dist: Banaskantha Phone: 02742-220005, gecpalanpur.edu.in	CIVIL ENGINEERING	60	119-1S	1500
		ELECTRICAL ENGINEERING	60	119-1L	
		MINING ENGINEERING	60	119-1P	
		MECHANICAL ENGINEERING	60	119-1F	
		TOTAL	240		

SR. NO.	INSTITUTES	COURSES	INTAKE	INSTITUTE COURSE CODE	TUITION FEE PER ANNUM ₹.
9	GOVERNMENT ENGINEERING COLLEGE, PATAN At & Post-Katpur, Patan, Pin-384 265, Phone: 02766-291561 www.gecpatan.org	COMPUTER SCIENCE & ENGINEERING	120	110-1C	1500
		ELECTRONICS & COMMUNICATION ENGINEERING	120	110-16	
		MECHANICAL ENGINEERING	120	110-1F	
		CIVIL ENGINEERING	60	110-1S	
		ELECTRICAL ENGINEERING	60	110-1L	
		TOTAL	480		
10	GOVERNMENT ENGINEERING COLLEGE, RAJKOT Mavdi-Kankot Road, Near Hanuman Mandir, Near Krishna Nagar, Vilege: Kankot-360 005 Phone: 0281-2924062 www.gecrajkot.org	COMPUTER ENGINEERING	120	117-1D	1500
		ELECTRONICS & COMMUNICATION ENGINEERING	120	117-16	
		INSTRUMENTATION & CONTROL ENGINEERING	120	117-1R	
		CIVIL ENGINEERING	60	117-1S	
		MECHANICAL ENGINEERING	60	117-1F	
		AUTOMOBILE ENGINEERING	60	117-1I	
TOTAL	540				
11	DR.S. & S.S. GHANDHY GOVERNMENT ENGINEERING COLLEGE, SURAT Ring Road, Opp. R.T.O.,Majura gate, Surat-395 001 Phone: 0261-2653139, Fax:0261-2653139 www.gecsurat.com	CIVIL ENGINEERING	60	116-1S	1500
		ELECTRICAL ENGINEERING	60	116-1L	
		ELECTRONICS & COMMUNICATION ENGINEERING	60	116-16	
		MECHANICAL ENGINEERING	60	116-1F	
		ENVIRONMENTAL ENGINEERING	60	116-1U	
TOTAL	300				
12	GOVERNMENT ENGINEERING COLLEGE, VALSAD Near B K M Science College, Tithal Road, Valsad, Pin-396 001 Phone: 02632-241960, Fax:02632-241960 www.gecvalsad.org	CHEMICAL ENGINEERING	120	112-1W	1500
		MECHANICAL ENGINEERING	120	112-1F	
		CIVIL ENGINEERING	60	112-1S	
		ELECTRICAL ENGINEERING	60	112-1L	
		ENVIRONMENTAL ENGINEERING	60	112-1U	
TOTAL	420				
13	L. D. ENGINEERING COLLEGE , AHMEDABAD Opp. Gujarat University, Navrangpura, Ahmedabad - 380 015, Phone: 079-26306752, Fax - 079-26304118, www.ldceahd.org	AUTOMOBILE ENGINEERING	60	101-1I	1500
		BIO-MEDICAL ENGINEERING	60	101-13	
		CHEMICAL ENGINEERING	60	101-1W	
		CIVIL ENGINEERING	120	101-1S	
		COMPUTER ENGINEERING	120	101-1D	
		ELECTRICAL ENGINEERING	120	101-1L	
		ELECTRONICS & COMMUNICATION ENGINEERING	120	101-16	
		ENVIRONMENTAL ENGINEERING	60	101-1U	
		INFORMATION TECHNOLOGY	120	101-1E	
		INSTRUMENTATION & CONTROL ENGINEERING	60	101-1R	
		MECHANICAL ENGINEERING	120	101-1F	
		PLASTIC TECHNOLOGY	30	101-1X	
		RUBBER TECHNOLOGY	30	101-1Y	
TEXTILE TECHNOLOGY	60	101-1Z			
TOTAL	1140				
14	LUKHDHIRJI ENGINEERING COLLEGE, MORBI Sama Kanthe, Dist-Rajkot, Morbi, Pin-363 642, Phone: 02822-240743 ,Fax :02822-240645 www.lecollege.org	CHEMICAL ENGINEERING	60	102-1W	1500
		CIVIL ENGINEERING	120	102-1S	
		ELECTRICAL ENGINEERING	120	102-1L	
		INDUSTRIAL ENGINEERING	30	102-1K	
		INFORMATION TECHNOLOGY	30	102-1E	
		MECHANICAL ENGINEERING	60	102-1F	
		POWER ELECTRONICS	60	102-1N	
		PRODUCTION ENGINEERING	30	102-1G	
TOTAL	510				
15	SHANTILAL SHAH ENGINEERING COLLEGE, BHAVNAGAR Sidsar Campus, P.O. Vartej, Bhavnagar – 364 060, Phone: 0278-2445509, 2445767,Fax :0278-2445509 www.myssec.com	CIVIL ENGINEERING	120	103-1S	1500
		ELECTRICAL ENGINEERING	60	103-1L	
		ELECTRONICS & COMMUNICATION ENGINEERING	120	103-16	
		INFORMATION TECHNOLOGY	120	103-1E	
		INSTRUMENTATION & CONTROL ENGINEERING	60	103-1R	
		MECHANICAL ENGINEERING	120	103-1F	
		PRODUCTION ENGINEERING	120	103-1G	
TOTAL	720				

SR. NO.	INSTITUTES	COURSES	INTAKE	INSTITUTE COURSE CODE	TUITION FEE PER ANNUM ₹.
16	VISHWAKARMA GOVERNMENT ENGINEERING COLLEGE, CHANDKHEDA Near Visat Petrol Pump, Sabarmati - Gandhinagar Highway, Chandkheda, Dist-Ahmedabad-382 424, Phone: 079-23293866, Fax : 079-23293866 www.vgecg.ac.in	CHEMICAL ENGINEERING	60	105-1W	1500
		CIVIL ENGINEERING	60	105-1S	
		COMPUTER ENGINEERING	120	105-1D	
		ELECTRICAL ENGINEERING	120	105-1L	
		ELECTRONICS & COMMUNICATION ENGINEERING	120	105-16	
		INFORMATION TECHNOLOGY	60	105-1E	
		INSTRUMENTATION & CONTROL ENGINEERING	60	105-1R	
		MECHANICAL ENGINEERING	60	105-1F	
		POWER ELECTRONICS	60	105-1N	
		TOTAL	720		
(A) TOTAL DEGREE ENGINEERING SEATS FOR GOVT. INSTITUTES			8970		
GRANT-IN-AID DEGREE ENGINEERING INSTITUTES					
1	BIRLA VISHVAKARMA MAHA VIDHYALAYA, VALLABHVIDYANAGAR (GIA) Ta & Dist-Anand, Pin-388 120, Phone: 02692-230104, Fax: 02692-230762, www.bvmengineering.ac.in	CIVIL ENGINEERING	120	108-1S	1500
		COMPUTER ENGINEERING	60	108-1D	
		ELECTRICAL ENGINEERING	60	108-1L	
		ELECTRONICS ENGINEERING	75	108-1A	
		MECHANICAL ENGINEERING	90	108-1F	
		PRODUCTION ENGINEERING	30	108-1G	
		TOTAL	435		
2	FACULTY OF TECHNOLOGY & ENGINEERING, MSU, VADODARA M. S. University Kalabhavan, Vadodara-390 001, Phone: 0265-2434188 , Fax: 0265-2423898 www.msubaroda.ac.in (Affiliated to M. S. University, Baroda)	CHEMICAL ENGINEERING	30	107-1W	1500
		CIVIL ENGINEERING	110	107-1S	
		COMPUTER SCIENCE & ENGINEERING	60	107-1C	
		ELECTRICAL ENGINEERING	60	107-1L	
		ELECTRONICS ENGINEERING	30	107-1A	
		MECHANICAL ENGINEERING	90	107-1F	
		METALLURGICAL & MATERIALS ENGINEERING	40	107-1J	
		TEXTILE ENGINEERING	30	107-12	
		TEXTILE TECHNOLOGY	30	107-1Z	
		WATER MANAGEMENT	30	107-1V	
TOTAL	510				
3	FACULTY OF TECHNOLOGY, DDU, NADIAD **** Dharamsinh Desai University (DDIT), Nadiad, Dist-Kheda-38 7001, Phone: 0268-2520502, Fax: 0268-2520501, www.ddu.ac.in (Affiliated to Dharamsinh Desai University, Nadiad)	CHEMICAL ENGINEERING	54	109-1W	1500
		CIVIL ENGINEERING	60	109-1S	
		COMPUTER ENGINEERING	45	109-1D	
		ELECTRONICS & COMMUNICATION ENGINEERING	45	109-16	
		INSTRUMENTATION & CONTROL ENGINEERING	45	109-1R	
		TOTAL	249		
(B) TOTAL DEGREE ENGINEERING SEATS FOR GIA INSTITUTES			1194		
TOTAL DEGREE ENGINEERING SEATS FOR GOVT + GIA INSTITUTE (A + B)			10164		
PPP DEGREE ENGINEERING INSTITUTE					
1	GIDC DEGREE ENGINEERING COLLEGE Block No:997, At Village : Abrama Ta: Jalalpore, Dist: Navsari - 396406 www.gdec.in	CIVIL ENGINEERING	60	579-1S	50000 #
		COMPUTER ENGINEERING	60	579-1D	
		ELECTRICAL ENGINEERING	60	579-1L	
		AUTOMOBILE ENGINEERING	60	579-1I	
		MECHANICAL ENGINEERING	60	579-1F	
		TOTAL	300		
2	GUJARAT POWER ENGINEERING AND RESEARCH INSTITUTE Near Toll Booth, Ahmedabad - Mehsana Express way, Village - Mewad, Ta. & Dist. Mehsana - 382 710 Phone No. : 02762 285871, www.gperi.ac.in	CIVIL ENGINEERING	60	568-1S	69000
		COMPUTER ENGINEERING	60	568-1D	
		ELECTRICAL ENGINEERING	60	568-1L	
		MECHANICAL ENGINEERING	60	568-1F	
TOTAL	240				
(C) TOTAL DEGREE ENGINEERING SEATS FOR PPP COLLEGES			540		

SR. NO.	INSTITUTES	COURSES	INTAKE	INSTITUTE COURSE CODE	TUITION FEE PER ANNUM ₹.
SELF FINANCED DEGREE ENGINEERING INSTITUTES					
1	A. D. PATEL INSTITUTE OF TECHNOLOGY Behind 4th Phase, GIDC,P.Box No-52, Vitthal Udyognagar, New V.V.Nagar, Dist-Anand-388121 Phone: 02692-233680, Fax: 02692-238180 www.adit.ac.in	AUTOMOBILE ENGINEERING	60	139-1I	80000
		COMPUTER ENGINEERING	60	139-1D	
		ELECTRICAL ENGINEERING	60	139-1L	
		ELECTRONICS & COMMUNICATION ENGINEERING	60	139-16	
		FOOD PROCESSING TECHNOLOGY	60	139-15	
		INFORMATION TECHNOLOGY	60	139-1E	
		MECHANICAL ENGINEERING	120	139-1F	
		CIVIL ENGINEERING	60	139-1S	
		TOTAL	540		
2	AHMEDABAD INSTITUTE OF TECHNOLOGY Gota-Ognaj High Way, Ahmedabad, Phone: 02717-241132/33 Fax: 02717-241132 www.aitindia.in	COMPUTER ENGINEERING	120	146-1D	52000
		CIVIL ENGINEERING	60	146-1S	
		ELECTRICAL ENGINEERING	60	146-1L	
		ELECTRONICS & COMMUNICATION ENGINEERING	60	146-16	
		INFORMATION TECHNOLOGY	60	146-1E	
		MECHANICAL ENGINEERING	120	146-1F	
		MECHANICAL ENGINEERING (SECOND SHIFT)	120	146-3I	
		AUTOMOBILE ENGINEERING	60	146-1I	
TOTAL	660				
3	ALPHA COLLEGE OF ENGINEERING & TECHNOLOGY B/s, Lincon Polymer Via : Vadsar, Village : Khatraj, Taluka : Kalol, Gandhinagar - 382 721 Phone: 02764-281031 www.alpha-cet.in	CIVIL ENGINEERING	120	164-1S	55000
		COMPUTER ENGINEERING	60	164-1D	
		ELECTRONICS & COMMUNICATION ENGINEERING	60	164-16	
		INFORMATION TECHNOLOGY	60	164-1E	
		ELECTRICAL ENGINEERING	120	164-1L	
		MECHANICAL ENGINEERING	240	164-1F	
TOTAL	660				
4	AMIRAJ COLLEGE OF ENGINEERING & TECHNOLOGY At Village: Khoraj, Nr. Tata-Neno Plant, Sarkhej-Viramgam Highway, Ta : Sanand Dist : Ahmedabad Phone : 079-26445553	CIVIL ENGINEERING	60	573-1S	50000 #
		COMPUTER SCIENCE & ENGINEERING	60	573-1C	
		ELECTRICAL ENGINEERING	60	573-1L	
		ELECTRONICS & COMMUNICATION ENGINEERING	60	573-16	
		MECHANICAL ENGINEERING	60	573-1F	
		TOTAL	300		
5	ARRDEKTA INSTITUTE OF TECHNOLOGY Ahmedabad-Ambaji State Highway No. 9, Opp. Ekta Institute, At: Radhiwad, Po: Navi Metral, Taluka: Khedbrahm, Dist: Sabarkanth. Phone: 02775-291580, Fax : 02775-223401 www.arrdekta.org.in	CIVIL ENGINEERING	120	557-1S	56000
		COMPUTER ENGINEERING	60	557-1D	
		ELECTRICAL ENGINEERING	120	557-1L	
		ELECTRONICS & COMMUNICATION ENGINEERING	60	557-16	
		MECHANICAL ENGINEERING	180	557-1F	
		TOTAL	540		
6	ARUN MUCHHALA ENGINEERING COLLEGE Sarasiya Road, Opposite Khokra Mahdev, Dhari, Ta: Dhari, Dist: Amreli-365640 Phone : 02797-295370 Fax : 02797-221001	CIVIL ENGINEERING	60	560-1S	54000
		COMPUTER ENGINEERING	60	560-1D	
		ELECTRICAL ENGINEERING	60	560-1L	
		MECHANICAL ENGINEERING	60	560-1F	
		AUTOMOBILE ENGINEERING	60	560-1I	
		MECHATRONICS	60	560-1H	
		TOTAL	360		
7	ATMIYA INSTITUTE OF TECHNOLOGY & SCIENCE (ENGINEERING) "Yogidham Gurukul", Kalawad Road, Rajkot, Pin-360 005, Phone: 0281-2563445, Fax: 0281-2563766, www.aits.edu.in	COMPUTER ENGINEERING	120	137-1D	67000
		ELECTRICAL ENGINEERING	120	137-1L	
		ELECTRONICS & COMMUNICATION ENGINEERING	120	137-16	
		INFORMATION TECHNOLOGY	60	137-1E	
		INSTRUMENTATION & CONTROL ENGINEERING	60	137-1R	
		MECHANICAL ENGINEERING	120	137-1F	
		CIVIL ENGINEERING	120	137-1S	
		MECHANICAL ENGINEERING (SECOND SHIFT)	120	137-3I	
TOTAL	840				

SR. NO.	INSTITUTES	COURSES	INTAKE	INSTITUTE COURSE CODE	TUITION FEE PER ANNUM ₹.
8	B. H. GARDI COLLEGE OF ENGINEERING & TECHNOLOGY Rajkot-Kalawad Road, Village: Anandpar, Rajkot, Phone: 02894-274471-77, Fax: 02894-274470, 0281-2563538, www.gardividyapith.ac.in	COMPUTER SCIENCE & ENGINEERING	60	155-1C	64000
		ELECTRONICS & COMMUNICATION ENGINEERING	60	155-16	
		INFORMATION TECHNOLOGY	60	155-1E	
		MECHANICAL ENGINEERING	120	155-1F	
		ELECTRICAL ENGINEERING	60	155-1L	
		MECHANICAL ENGINEERING (SECOND SHIFT)	60	155-31	
		ELECTRICAL ENGINEERING (SECOND SHIFT)	60	155-32	
		CIVIL ENGINEERING	60	155-1S	
		COMPUTER SCIENCE & ENGINEERING(SECOND SHIFT)	60	155-37	
TOTAL	600				
9	BABARIA INSTITUTE OF TECHNOLOGY BITS edu campus, Vadodara - Mumbai NH # 8, Varnama, Vadodara, Pin:391 240 Phone: 0265-6599991/2/3, Fax: 0265-2359999, www.bitseducampus.org	CIVIL ENGINEERING	120	144-1S	62000
		COMPUTER SCIENCE & ENGINEERING	120	144-1C	
		ELECTRICAL ENGINEERING	120	144-1L	
		ELECTRONICS & COMMUNICATION ENGINEERING	120	144-16	
		MECHANICAL ENGINEERING	120	144-1F	
		COMPUTER SCIENCE & ENGINEERING(SECOND SHIFT)	60	144-37	
		ELECTRONICS & COMMUNICATION ENGINEERING (SECOND SHIFT)	60	144-35	
		MECHANICAL ENGINEERING (SECOND SHIFT)	60	144-31	
TOTAL	780				
10	BALAJI ENGINEERING COLLEGE At: Makhiyala, Junagadh-Dhoraji Highway, Junagadh Phone : 0285-2687237/238/338 www.spnvcollege.co.in	COMPUTER ENGINEERING	60	578-1D	50000 #
		ELECTRICAL ENGINEERING	60	578-1L	
		MECHANICAL ENGINEERING	120	578-1F	
		TOTAL	240		
11	BHAGWAN MAHAVIR COLLEGE OF ENGINEERING AND TECHNOLOGY Sr. No. 149, Near Ashirwad Villa, B/h Heena, surat , Phone: 0261-2268083, Fax: 0261-2255299, www.bmefcolleges.com	COMPUTER SCIENCE & ENGINEERING	60	156-1C	51000
		ELECTRONICS & COMMUNICATION ENGINEERING	60	156-16	
		ELECTRONICS ENGINEERING	60	156-1A	
		MECHANICAL ENGINEERING	180	156-1F	
		CIVIL ENGINEERING	180	156-1S	
		CIVIL ENGINEERING (SECOND SHIFT)	60	156-52	
		MECHANICAL ENGINEERING (SECOND SHIFT)	60	156-31	
		AUTOMOBILE ENGINEERING	60	156-1I	
TOTAL	720				
12	BIRLA VISHVAKARMA MAHA VIDHYALAYA (SFI) Vallabhvidyanagar-388120, Dist : Anand Phone: 02692- 230104, Fax: 02692-230762, www.bvmengineering.ac.in	ELECTRONICS & TELECOMMUNICATION ENGINEERING	60	140-1B	73000
		INFORMATION TECHNOLOGY	60	140-1E	
		PRODUCTION ENGINEERING	30	140-1G	
		MECHANICAL ENGINEERING	30	140-1F	
		TOTAL	180		
13	C. K. PITHAWALA COLLEGE OF ENGINEERING & TECHNOLOGY Nr. Malvan Temple, Via-Magdalla Port, B/H. Gaviyer Village, Dumas Road, Ta-Choryasi, Dit: Surat Pin-395 007, Phone: 0261-2728282, Fax: 0261-2723999, www.ckpcet.ac.in	CIVIL ENGINEERING	60	134-1S	62000
		COMPUTER ENGINEERING	60	134-1D	
		ELECTRICAL ENGINEERING	60	134-1L	
		ELECTRONICS & COMMUNICATION ENGINEERING	120	134-16	
		MECHANICAL ENGINEERING	120	134-1F	
		TOTAL	420		
14	C. U. SHAH COLLEGE OF ENGINEERING & TECHNOLOGY Surendranagar-Ahmedabad Highway, Nr.Kothariya Village, Dist-Surendranagar, Pin-363 030, Phone : 02752-247711, Fax:02752-247712, www.ccetvbt.org (Affiliated to C. U. Shah University, Wadhwan City)	COMPUTER ENGINEERING	90	133-1D	59000
		ELECTRICAL & ELECTRONICS ENGINEERING	60	133-1M	
		ELECTRONICS & COMMUNICATION ENGINEERING	90	133-16	
		INFORMATION TECHNOLOGY	60	133-1E	
		MECHANICAL ENGINEERING	60	133-1F	
		AUTOMOBILE ENGINEERING	60	133-1I	
		INSTRUMENTATION & CONTROL ENGINEERING	60	133-1R	
		CIVIL ENGINEERING	60	133-1S	
		ELECTRICAL ENGINEERING (SECOND SHIFT)	60	133-32	
		TOTAL	600		

SR. NO.	INSTITUTES	COURSES	INTAKE	INSTITUTE COURSE CODE	TUITION FEE PER ANNUM ₹.
15	CENTRAL INSTITUTE OF PLASTIC ENGINEERING & TECHNOLOGY Plot No: 630, Phase IV, GIDC, Vatva, Ahmedabad-382 445, Phone: 079-25834402, Fax: 079-40083906 www.cipet.gov.in	PLASTIC ENGINEERING	60	193-1X	42000
		MANUFACTURING ENGINEERING	60	193-1T	
		TOTAL	120		
16	CHANDUBHAI S. PATEL INSTITUTE OF TECHNOLOGY Charotar University of Science & Technology, CHARUSAT Campus, At Post: Changa, Taluka: Petlad, District: Anand, Pin Code: 388 421 Phone: 02697-247500, Fax: 02697-247100, www.charusat.ac.in (Affiliated to CHARUSAT University, Changa)	CIVIL ENGINEERING	120	138-1S	80000
		COMPUTER ENGINEERING	120	138-1D	
		ELECTRICAL ENGINEERING	120	138-1L	
		ELECTRONICS & COMMUNICATION ENGINEERING	120	138-16	
		INFORMATION TECHNOLOGY	120	138-1E	
		MECHANICAL ENGINEERING	120	138-1F	
		TOTAL	720		
17	CHHOTUBHAI GOPALBHAI PATEL INSTITUTE OF TECHNOLOGY Maliba Campus, Gopal Vidyanagar, Bardoli-Mahuva Road, Bardoli-394 350 Phone: 02625-292339, Fax : 02626-255882 www.cgpit-bardoli.edu.in (Affiliated to UKA TARSADI University, Bardoli)	AUTOMOBILE ENGINEERING	120	171-1I	64000
		COMPUTER ENGINEERING	60	171-1D	
		ELECTRICAL & ELECTRONICS ENGINEERING	60	171-1M	
		ELECTRONICS & COMMUNICATION ENGINEERING	60	171-16	
		INFORMATION TECHNOLOGY	60	171-1E	
		CIVIL ENGINEERING	60	171-1S	
		MECHANICAL ENGINEERING	120	171-1F	
TOTAL	540				
18	DARSHAN INSTITUTION OF ENGINEERING & TECHNOLOGY At. Hadala, Nr.Water Sump, Rajkot-Morbi Highway, Rajkot-363 650 Phone: 02822-293010 Fax : 02822-293008 www.darshan.ac.in	COMPUTER ENGINEERING	120	166-1D	56000
		CIVIL ENGINEERING	120	166-1S	
		ELECTRICAL ENGINEERING	120	166-1L	
		ELECTRONICS & COMMUNICATION ENGINEERING	60	166-16	
		MECHANICAL ENGINEERING	120	166-1F	
TOTAL	540				
19	DR. JIVRAJ MEHTA INSTITUTE OF TECHNOLOGY DJMIT College Campus, NH 8 Village :Mogar, Mogar, Anand - 388 340 Phone: 02692-280028/38/48, Fax: 02692-280048, www.djmit.ac.in	MECHANICAL ENGINEERING	60	553-1F	52000
		COMPUTER SCIENCE & ENGINEERING	60	553-1C	
		ELECTRONICS & COMMUNICATION ENGINEERING	60	553-16	
		CIVIL ENGINEERING	60	553-1S	
		ELECTRICAL ENGINEERING	60	553-1L	
TOTAL	300				
20	DR. SUBHAHSH TECHNICAL CAMPUS Kelvani Mandal's Group of Institutions, Khamdhrol Road, Junagadh - 362 001 Phone: 0285-2610055	INFORMATION TECHNOLOGY	60	196-1E	52000
		ELECTRICAL ENGINEERING	120	196-1L	
		COMPUTER SCIENCE & ENGINEERING	60	196-1C	
		MECHANICAL ENGINEERING	120	196-1F	
		ELECTRONICS & COMMUNICATION ENGINEERING	60	196-16	
		CIVIL ENGINEERING	60	196-1S	
TOTAL	480				
21	ENGINEERING COLLEGE At & Po. Tuwa, Ta. Godhara, Dist. Panchmahal - 388 713 Phone: 02672-286758 Fax : 02672-286757	CIVIL ENGINEERING	120	178-1S	52000
		COMPUTER ENGINEERING	60	178-1D	
		ELECTRICAL ENGINEERING	120	178-1L	
		ELECTRONICS & COMMUNICATION ENGINEERING	120	178-16	
		MECHANICAL ENGINEERING	120	178-1F	
TOTAL	540				
22	FACULTY OF ENGINEERING TECHNOLOGY & RESEARCH At : Isroli PO : Afwa, Bardoli-Navsari Road, Tal.: Bardoli Dist: Surat-394 620 Phone : 02622-290933, Fax : 02622-291411, www.fetr.ac.in	CHEMICAL ENGINEERING	60	555-1W	56000
		CIVIL ENGINEERING	60	555-1S	
		COMPUTER SCIENCE & ENGINEERING	60	555-1C	
		ELECTRICAL ENGINEERING	120	555-1L	
		MECHANICAL ENGINEERING	120	555-1F	
TOTAL	420				

SR. NO.	INSTITUTES	COURSES	INTAKE	INSTITUTE COURSE CODE	TUITION FEE PER ANNUM ₹.
23	FACULTY OF ENGINEERING Shree Saraswati Education Sansthan's Group of Institutions, At & Po:Rajpur, Rajpur Untva Road, Ta: Kadi, Dist:Mehasana-382 740 Phone: 02764-278813 Fax : 02764-278814 www.ssesic.org.in	CIVIL ENGINEERING	60	177-1S	50000
		COMPUTER ENGINEERING	60	177-1D	
		ELECTRONICS & COMMUNICATION ENGINEERING	60	177-16	
		ELECTRICAL & ELECTRONICS ENGINEERING	60	177-1M	
		MECHANICAL ENGINEERING	300	177-1F	
		CIVIL ENGINEERING (SECOND SHIFT)	60	177-52	
		ELECTRICAL ENGINEERING	120	177-1L	
		ELECTRICAL ENGINEERING (SECOND SHIFT)	60	177-32	
		MECHANICAL ENGINEERING (SECOND SHIFT)	60	177-31	
	TOTAL	840			
24	FACULTY OF TECHNOLOGY, DHARMSINH DESAI UNIVERSITY Phone: 0268-2520502, Fax: 0268-2520501, www.ddu.ac.in (Affiliated to Dharmsinh Desai University, NADIAD)	COMPUTER ENGINEERING	75	136-1D	80000 + 3000
		ELECTRONICS & COMMUNICATION ENGINEERING	75	136-16	
		INFORMATION TECHNOLOGY	120	136-1E	
		INSTRUMENTATION & CONTROL ENGINEERING	15	136-1R	
		MECHANICAL ENGINEERING	120	136-1F	
	TOTAL	405			
25	G. H. PATEL COLLEGE OF ENGINEERING & TECHNOLOGY Bakrol Road, Vallabh Vidyanagar, Dist-Anand, Pin-388 120, Phone: 02692-231651, Fax: 02692-236896, www.gcet.ac.in	CHEMICAL ENGINEERING	60	129-1W	78000
		COMPUTER ENGINEERING	60	129-1D	
		ELECTRICAL ENGINEERING	59	129-1L	
		ELECTRONICS & COMMUNICATION ENGINEERING	60	129-16	
		INFORMATION TECHNOLOGY	60	129-1E	
		MECHANICAL ENGINEERING	60	129-1F	
		MECHATRONICS	60	129-1H	
	TOTAL	419			
26	G.K. BHARAD INSTITUTE OF ENGINEERING C/o Bharad Vishvvidhyapith, Rajkot - Bhavnagar National Highway, Kasturba Dham, Tramba, Rajkot - 360 001 Phone: 0281-2785159	CIVIL ENGINEERING	60	169-1S	52000
		COMPUTER ENGINEERING	60	169-1D	
		ELECTRONICS & COMMUNICATION ENGINEERING	60	169-16	
		INFORMATION TECHNOLOGY	60	169-1E	
		MECHANICAL ENGINEERING	120	169-1F	
	TOTAL	360			
27	GANDHINAGAR INSTITUTE OF TECHNOLOGY Khatraj - Kalol Road, Motibhojan, Kalol, Gandhinagar-382 721 Phone: 02764-281860/61, Fax: 02764-281862, www.git.org.in	COMPUTER ENGINEERING	120	152-1D	52000
		ELECTRONICS & COMMUNICATION ENGINEERING	60	152-16	
		INFORMATION TECHNOLOGY	90	152-1E	
		MECHANICAL ENGINEERING	240	152-1F	
		CIVIL ENGINEERING	120	152-1S	
		ELECTRICAL ENGINEERING	60	152-1L	
			TOTAL	690	
28	GROW MORE FACULTY OF ENGINEERING Ahmedabad-Udaipur NH-08, Himmatnagar - 383 001, Dist: Sabarkantha Phone: 02772-225500 Fax : 02772-225505 www.growmore1.org	COMPUTER ENGINEERING	60	182-1D	52000
		CIVIL ENGINEERING	120	182-1S	
		ELECTRICAL ENGINEERING	120	182-1L	
		ELECTRICAL & ELECTRONICS ENGINEERING	60	182-1M	
		INFORMATION TECHNOLOGY	60	182-1E	
		MECHANICAL ENGINEERING	120	182-1F	
			TOTAL	540	
29	GUJARAT INSTITUTE OF TECHNICAL STUDIES At. Moyad, Way From Vajapur Village, Near Asian Factory, N.H. 8, Taluka: Prantij, Dist: Sabarkantha-383 205 Phone: 02770-240676, gitsmoyad@gmail.com	ELECTRICAL ENGINEERING	120	191-1L	49000
		MECHANICAL ENGINEERING	120	191-1F	
		CIVIL ENGINEERING	60	191-1S	
			TOTAL	300	
30	HANSABA COLLEGE OF ENGINEERING & TECHNOLOGY Mehsana-Palanpur State Highway No 41, Sidhhpur, Dist: Patan Phone: 02767-227755, Fax : 02767-227755	CIVIL ENGINEERING	120	562-1S	58000
		COMPUTER ENGINEERING	60	562-1D	
		ELECTRICAL ENGINEERING	60	562-1L	
		ELECTRONICS & COMMUNICATION ENGINEERING	60	562-16	
		MECHANICAL ENGINEERING	120	562-1F	
			TOTAL	420	

SR. NO.	INSTITUTES	COURSES	INTAKE	INSTITUTE COURSE CODE	TUITION FEE PER ANNUM ₹.
31	HASMUKH GOSWAMI COLLEGE OF ENGINEERING At & Post: Vahelal, Naroda - Dehgam Road, Ahmedabad- 382 330 Phone: 02718-247215,Fax: 02718-247131, www.hgce.org	COMPUTER ENGINEERING	90	153-1D	50000
		ELECTRONICS & COMMUNICATION ENGINEERING	90	153-16	
		INFORMATION TECHNOLOGY	60	153-1E	
		MECHANICAL ENGINEERING	180	153-1F	
		ELECTRICAL ENGINEERING	120	153-1L	
		ELECTRICAL ENGINEERING (SECOND SHIFT)	60	153-32	
		CIVIL ENGINEERING	120	153-1S	
		MECHANICAL ENGINEERING (SECOND SHIFT)	120	153-31	
		AUTOMOBILE ENGINEERING	60	153-1I	
	TOTAL	900			
32	HJD INSTITUTE OF TECHNICAL EDUCATION AND RESEARCH Bhuj - Mundra Road, Kera, Kutch- 370430, Gujarat Phone :02832-281085/86/87, Fax: 02832-281005, www.hjdinstitute.org	ELECTRICAL ENGINEERING	120	198-1L	52000
		MECHANICAL ENGINEERING	120	198-1F	
		COMPUTER SCIENCE & ENGINEERING	60	198-1C	
		CIVIL ENGINEERING	120	198-1S	
		TOTAL	420		
33	INDUS INSTITUTE OF TECHNOLOGY & ENGINEERING *** Rancharda Via Thaltej, Ahmedabad-382 115 Phone: 02764- 260277 /278, Fax: 02764-260279 www.iite.indusuniversity.ac.in www.indusuniversity.ac.in (Affiliated to Indus University, Ahmedabad)	AUTOMOBILE ENGINEERING	60	148-1I	61000
		COMPUTER ENGINEERING	60	148-1D	
		ELECTRICAL & ELECTRONICS ENGINEERING	60	148-1M	
		ELECTRONICS & COMMUNICATION ENGINEERING	60	148-16	
		MECHANICAL ENGINEERING	120	148-1F	
		METALLURGICAL ENGINEERING	60	148-1J	
		ELECTRICAL ENGINEERING	60	148-1L	
		CIVIL ENGINEERING	60	148-1S	
		TOTAL	540		
34	INSTITUTE OF INFORMATION AND COMMUNICATION TECHNOLOGY **** Ahmedabad University, 2nd Floor, Amrut Modi School of Management, Opposite IIM Ahmedabad Phone: 079-26309220 www.http://ict.ahduni.edu.in (Affiliated to Ahmedabad University, Ahmedabad)	INFORMATION & COMMUNICATION TECHNOLOGY	60	570-17	70000 #
		TOTAL	60		
35	INSTITUTE OF TECHNOLOGY & MANAGEMENT UNIVERSE TECHNICAL CAMPUS, At: Dhanora Tank Road Village: Paladi, Vadodara-Halol Highway Tal:Waghodiya, Dist: Vadodara Phone: 02668-275508	CIVIL ENGINEERING	120	559-1S	69000
		COMPUTER SCIENCE & ENGINEERING	120	559-1C	
		ELECTRICAL ENGINEERING	120	559-1L	
		ELECTRONICS & COMMUNICATION ENGINEERING	60	559-16	
		MECHANICAL ENGINEERING	120	559-1F	
		MECHANICAL ENGINEERING (SECOND SHIFT)	120	559-31	
		TOTAL	660		
36	IPCOWALA INSTITUTE OF ENGINEERING & TECHNOLOGY Dharmaj, Ta.Patlad Dist : Anand Phone: 02697-245141 Fax: 02697-245808	CIVIL ENGINEERING	60	565-1S	51000
		COMPUTER ENGINEERING	60	565-1D	
		ELECTRICAL & ELECTRONICS ENGINEERING	60	565-1M	
		ELECTRONICS & COMMUNICATION ENGINEERING	60	565-16	
		MECHANICAL ENGINEERING	120	565-1F	
		AUTOMOBILE ENGINEERING	60	565-1I	
		TOTAL	420		
37	K. J. INSTITUTE OF ENGINEERING & TECHNOLOGY K. J. Campus, Opp. ITI, Javla-Savali, Savali. Po: Savali, Ta: Savali Dist: Vadodara-391 770 Phone: 02667-222264, Fax: 02667-222264 www.kjit.org	COMPUTER ENGINEERING	60	183-1D	50000
		ELECTRONICS & COMMUNICATION ENGINEERING	60	183-16	
		ELECTRICAL ENGINEERING	120	183-1L	
		INFORMATION TECHNOLOGY	60	183-1E	
		MECHANICAL ENGINEERING	120	183-1F	
		CIVIL ENGINEERING	120	183-1S	
		AUTOMOBILE ENGINEERING	60	183-1I	
		TOTAL	600		

SR. NO.	INSTITUTES	COURSES	INTAKE	INSTITUTE COURSE CODE	TUITION FEE PER ANNUM ₹.
38	KALOL INSTITUTE OF TECHNOLOGY & RESEARCH CENTER Ahmedabad-Mehsana highway, B/H Old Janpath Hotel, Kalol-382 721. Phone: 02764-222 603, Fax:02764-222605, www.kirc-kalol.org	COMPUTER ENGINEERING	60	149-1D	56000 + 1971
		ELECTRICAL ENGINEERING	120	149-1L	
		ELECTRONICS & COMMUNICATION ENGINEERING	60	149-16	
		INFORMATION TECHNOLOGY	60	149-1E	
		CIVIL ENGINEERING	60	149-1S	
		MECHANICAL ENGINEERING	180	149-1F	
		MECHANICAL ENGINEERING (SECOND SHIFT)	60	149-31	
	TOTAL	600			
39	KANKESHWARIDEVI INSTITUTE OF TECHNOLOGY Near Naranpar Forest Nursery, Opp. Ranjitsagar Dam, Jamnagar-Samana Road, Jamnagar-361 010 Phone :0288-2888080, Fax: 0288-2888081, www.kit.org.in	CHEMICAL ENGINEERING	60	162-1W	50000
		COMPUTER SCIENCE & ENGINEERING	60	162-1C	
		ELECTRICAL ENGINEERING	60	162-1L	
		ELECTRONICS & COMMUNICATION ENGINEERING	60	162-16	
		TOTAL	240		
40	L.D.R.P. INSTITUTE OF TECHNOLOGY AND RESEARCH Sector 15, Near KH - 5, Gandhinagar-382 015. Phone :23241492-494, Fax: 079-23241495, www.ldrp.ac.in (Affiliated to Kadi Sarva Vishwavidyalaya University, Gandhinagar)	COMPUTER ENGINEERING	120	147-1D	75000
		ELECTRICAL ENGINEERING	60	147-1L	
		ELECTRICAL ENGINEERING (SECOND SHIFT)	60	147-32	
		ELECTRONICS & COMMUNICATION ENGINEERING	120	147-16	
		INFORMATION TECHNOLOGY	60	147-1E	
		MECHANICAL ENGINEERING	60	147-1F	
		CIVIL ENGINEERING	60	147-1S	
		COMPUTER ENGINEERING (SECOND SHIFT)	60	147-38	
		MECHANICAL ENGINEERING (SECOND SHIFT)	60	147-31	
		AUTOMOBILE ENGINEERING	60	147-1I	
	TOTAL	720			
41	L. J. INSTITUTE OF ENGINEERING & TECHNOLOGY Sarkhej High Way, Ahmedabad, Phone: 079-26890383, Fax: 079-26890383, www.ljinstitutes.org	CIVIL ENGINEERING	120	154-1S	59000
		COMPUTER ENGINEERING	120	154-1D	
		ELECTRONICS & COMMUNICATION ENGINEERING	60	154-16	
		INFORMATION TECHNOLOGY	60	154-1E	
		MECHANICAL ENGINEERING	180	154-1F	
		MECHANICAL ENGINEERING (SECOND SHIFT)	60	154-31	
		CIVIL ENGINEERING (SECOND SHIFT)	60	154-52	
		AUTOMOBILE ENGINEERING	120	154-1I	
		INSTRUMENTATION & CONTROL ENGINEERING	60	154-1R	
	TOTAL	840			
42	LALJIBHAI CHATURBHAI INSTITUTE OF TECHNOLOGY Mehsana-Unjha Highway, At & Post: Bhandu, Ta-Visnagar, Dist-Mehsana, Pin-384 120, Phone : 02765-287145, Fax:02765-287945, www.lcit.org	CIVIL ENGINEERING	120	141-1S	56000 + 705
		COMPUTER SCIENCE & ENGINEERING	60	141-1C	
		ELECTRICAL ENGINEERING	60	141-1L	
		ELECTRONICS & COMMUNICATION ENGINEERING	120	141-16	
		MECHANICAL ENGINEERING	120	141-1F	
	TOTAL	480			
43	LAXMI INSTITUTE OF TECHNOLOGY P. B. No. 15, P. O.Sarigam, Bhilad,Valsad - 396 155, Phone: 0260-2405350 Fax: 0260-2405308, www.lvs.co.in	MECHANICAL ENGINEERING	120	552-1F	55000
		INFORMATION TECHNOLOGY	60	552-1E	
		CIVIL ENGINEERING	120	552-1S	
		ELECTRONICS & COMMUNICATION ENGINEERING	60	552-16	
		COMPUTER SCIENCE & ENGINEERING	60	552-1C	
		AUTOMOBILE ENGINEERING	60	552-1I	
		ELECTRICAL ENGINEERING	60	552-1L	
	TOTAL	540			
44	LEADS INSTITUTE OF TECHNOLOGY & ENGINEERING At: Matar. Ta: Amod, Dist: Bharuch-393 110 Phone:02641-290110-111 www.leads-india.org	CIVIL ENGINEERING	60	564-1S	53000
		COMPUTER ENGINEERING	60	564-1D	
		ELECTRICAL ENGINEERING	120	564-1L	
		ELECTRONICS & COMMUNICATION ENGINEERING	60	564-16	
		MECHANICAL ENGINEERING	120	564-1F	
	TOTAL	420			

SR. NO.	INSTITUTES	COURSES	INTAKE	INSTITUTE COURSE CODE	TUITION FEE PER ANNUM ₹.
45	MADHUBEN AND BHANUBHAI PATEL WOMEN INSTITUTE OF ENGINEERING FOR STUDIES AND RESEARCH IN COMPUTER AND COMMUNICATION TECHNOLOGY (For Girls) P.O. Box No. 8, Beyond GIDC Phase IV, Vithal Udyog Nagar-388 121, Dist. Anand. Phone: 02692-230880,230824, Fax:02692-230823 www.icctw.ac.in	COMPUTER ENGINEERING	120	192-1D	71000
		COMPUTER SCIENCE & ENGINEERING	120	192-1C	
		ELECTRONICS & COMMUNICATION ENGINEERING	120	192-16	
		INFORMATION & COMMUNICATION TECHNOLOGY	60	192-17	
		INFORMATION TECHNOLOGY	60	192-1E	
	TOTAL	480			
46	MAHATMA GANDHI INSTITUTE OF TECHNICAL EDUCATION AND RESEARCH CENTER NPE Campus, Bhanunagar, Eru - Aat Road, Post : Bhutsad, Ta. Jalalpore, Dist. Navsari-396450 Phone: 02637-656313, 656212 Fax: 02637-228272, www.npvgitr.org	CIVIL ENGINEERING	120	145-1S	49000
		COMPUTER SCIENCE & ENGINEERING	120	145-1C	
		ELECTRICAL ENGINEERING	120	145-1L	
		ELECTRONICS & COMMUNICATION ENGINEERING	60	145-16	
		MECHANICAL ENGINEERING	180	145-1F	
		MECHANICAL ENGINEERING (SECOND SHIFT)	60	145-31	
	TOTAL	660			
47	MAHAVIR SWAMI COLLEGE OF ENGINEERING & TECHNOLOGY Sarvey No. 149m New city light road Nr. Ashirwad Villa, Bharthana-Vesu, Surat-395017 Phone : 0261-2912298	CIVIL ENGINEERING	120	580-1S	*****
		COMPUTER ENGINEERING	60	580-1D	
		ELECTRICAL ENGINEERING	60	580-1L	
		AUTOMOBILE ENGINEERING	120	580-1I	
		MECHANICAL ENGINEERING	60	580-1F	
		MECHANICAL ENGINEERING (SECOND SHIFT)	60	580-31	
	TOTAL	480			
48	MARWADI EDUCATION FOUNDATION'S GROUP OF INSTITUTIONS, FACULTY OF ENGINEERING At Village : Gauridad, Morbi Road, Rajkot-360 003 Phone: 0281-2923112 Fax: 0281-2924154 Email : info@marwadieducation.edu.in	CIVIL ENGINEERING	120	176-1S	78000
		COMPUTER ENGINEERING	120	176-1D	
		ELECTRICAL ENGINEERING	120	176-1L	
		ELECTRICAL ENGINEERING (SECOND SHIFT)	60	176-32	
		ELECTRONICS & COMMUNICATION ENGINEERING	60	176-16	
		ENVIRONMENTAL SCIENCE & ENGINEERING	60	176-55	
		INFORMATION TECHNOLOGY	60	176-1E	
		MECHANICAL ENGINEERING	120	176-1F	
		MECHANICAL ENGINEERING (SECOND SHIFT)	60	176-31	
		CIVIL ENGINEERING (SECOND SHIFT)	60	176-52	
	TOTAL	840			
49	MARWADI EDUCATION FOUNDATION'S GROUP OF INSTITUTIONS, FACULTY OF TECHNOLOGY At Village : Gauridad, Morbi Road, Rajkot-360 003 Phone: 0281-2923112 Fax : 0281-2924154 Email : info@marwadieducation.edu.in	CIVIL ENGINEERING	120	561-1S	78000
		CIVIL ENGINEERING (SECOND SHIFT)	60	561-52	
		COMPUTER ENGINEERING	60	561-1D	
		ELECTRICAL ENGINEERING	120	561-1L	
		ELECTRONICS & COMMUNICATION ENGINEERING	60	561-16	
		MECHANICAL ENGINEERING	120	561-1F	
		MECHANICAL ENGINEERING (SECOND SHIFT)	60	561-31	
		AUTOMOBILE ENGINEERING	60	561-1I	
	TOTAL	660			
50	MARWADI EDUCATION FOUNDATION - FACULTY OF PG STUDIES & RESEARCH IN ENGINEERING & TECHNOLOGY At Village : Gauridad, Morbi Road, Rajkot-360 003	MECHANICAL ENGINEERING (SECOND SHIFT)	120	576-31	70000 #
		TOTAL	120		
51	MERCHANT ENGINEERING COLLEGE Basna Campus, Mehsana-Visnagar Highway, AT & Po :Basna, Ta.Visnagar, Dist. Mehsana-384 315 Phone: 02762-275097, Fax: 02762-275066, www.mecbasna.ac.in	CIVIL ENGINEERING	120	165-1S	55000
		COMPUTER ENGINEERING	60	165-1D	
		ELECTRICAL ENGINEERING	180	165-1L	
		ELECTRICAL ENGINEERING (SECOND SHIFT)	60	165-32	
		ELECTRONICS & COMMUNICATION ENGINEERING	60	165-16	
		MECHANICAL ENGINEERING	180	165-1F	
		AUTOMOBILE ENGINEERING	60	165-1I	
		MECHANICAL ENGINEERING (SECOND SHIFT)	60	165-31	
	TOTAL	780			

SR. NO.	INSTITUTES	COURSES	INTAKE	INSTITUTE COURSE CODE	TUITION FEE PER ANNUM ₹.
52	NARNARAYAN SHASTRI INSTITUTE OF TECHNOLOGY C/o Swaminarayan Gurukul ,Jetalpur, Ahmedabad, Phone: 02718-233701, Fax: 02718-233208, www.nsitgurukul.com	COMPUTER SCIENCE & ENGINEERING	60	157-1C	52000 + 58
		ELECTRICAL ENGINEERING	60	157-1L	
		ELECTRONICS & COMMUNICATION ENGINEERING	60	157-16	
		MECHANICAL ENGINEERING	120	157-1F	
		CIVIL ENGINEERING	120	157-1S	
		AUTOMOBILE ENGINEERING	120	157-1I	
		TOTAL	540		
53	NOBLE ENGINEERING COLLEGE Junagadh-Bhesan Road, Via. Vadal, Junagadh-362 310 Phone: 0285-2680244, Fax: 0285-2680255, www.necvbt.org	COMPUTER SCIENCE & ENGINEERING	60	161-1C	52000
		ELECTRICAL ENGINEERING	60	161-1L	
		ELECTRONICS & COMMUNICATION ENGINEERING	60	161-16	
		INFORMATION TECHNOLOGY	60	161-1E	
		MECHANICAL ENGINEERING	120	161-1F	
		CIVIL ENGINEERING	120	161-1S	
		MECHANICAL ENGINEERING (SECOND SHIFT)	60	161-31	
		ELECTRICAL ENGINEERING (SECOND SHIFT)	60	161-32	
		TOTAL	600		
54	OM ENGINEERING COLLEGE Junagadh Bhesan Road, At : Chokali Dist : Junagadh- 362 310 Phone: 0285-2680500 Fax: 0285-2680666 www.Omeducation.edu.in	CIVIL ENGINEERING	60	566-1S	49000
		COMPUTER ENGINEERING	60	566-1D	
		ELECTRICAL ENGINEERING	120	566-1L	
		MECHANICAL ENGINEERING	180	566-1F	
		TOTAL	420		
55	OM INSTITUTE OF TECHNOLOGY At, Vantavachhoda, Po: Shahera Dist: Panchmahal Phone : 02670-296016 www.ominstitute.org	CIVIL ENGINEERING	60	567-1S	41000 #
		COMPUTER ENGINEERING	60	567-1D	
		ELECTRICAL ENGINEERING	60	567-1L	
		ELECTRONICS & COMMUNICATION ENGINEERING	60	567-16	
		MECHANICAL ENGINEERING	60	567-1F	
TOTAL	300				
56	PACIFIC SCHOOL OF ENGINEERING Plot No. 87,91,92,96, Opp. Sarthee Township, Kadodara Palsana Highway (NH-8), At Sanki, Ta. Palasana, Dist Surat, 394305 Phone : 02622-291552 Email: suratpacific@gmail.com	CIVIL ENGINEERING	60	575-1S	50000 #
		COMPUTER SCIENCE & ENGINEERING	60	575-1C	
		ELECTRICAL ENGINEERING	120	575-1L	
		CHEMICAL ENGINEERING	60	575-1W	
		MECHANICAL ENGINEERING	120	575-1F	
		TOTAL	420		
57	PARUL INSTITUTE OF ENGINEERING AND TECHNOLOGY **/** P.O. Limda, Ta. Waghodia, Dist. Vadodara-391760 Phone: 02668-260202/312/300/307 Fax: 02668-260201 Email : admissions@parul.ac.in www.parul.ac.in	CIVIL ENGINEERING*	180	143-1S	62000
		COMPUTER SCIENCE & ENGINEERING	180	143-1C	
		ELECTRICAL ENGINEERING	120	143-1L	
		ELECTRONICS & COMMUNICATION ENGINEERING	120	143-16	
		INFORMATION TECHNOLOGY	60	143-1E	
		MECHANICAL ENGINEERING	360	143-1F	
		ELECTRICAL ENGINEERING (SECOND SHIFT)	60	143-32	
		MECHANICAL ENGINEERING (SECOND SHIFT)	180	143-31	
		COMPUTER SCIENCE & ENGINEERING(SECOND SHIFT)	60	143-37	
		CIVIL ENGINEERING (SECOND SHIFT)	60	143-52	
		TOTAL	1380		
		58	PARUL INSTITUTE OF TECHNOLOGY P.O. Limda, Ta. Waghodia, Dist. Vadodara-391760 Phone: 02668-260202/312/300/307 Fax: 02668-260201 Email : admissions@parul.ac.in www.parul.ac.in	CIVIL ENGINEERING	
CIVIL ENGINEERING (SECOND SHIFT)	60			195-52	
COMPUTER SCIENCE & ENGINEERING	60			195-1C	
ELECTRICAL ENGINEERING	120			195-1L	
ELECTRICAL ENGINEERING (SECOND SHIFT)	60			195-32	
ELECTRONICS & COMMUNICATION ENGINEERING	60			195-16	
MECHANICAL ENGINEERING	180			195-1F	
MECHANICAL ENGINEERING (SECOND SHIFT)	180			195-31	
AUTOMOBILE ENGINEERING	60			195-1I	
TOTAL	900				

SR. NO.	INSTITUTES	COURSES	INTAKE	INSTITUTE COURSE CODE	TUITION FEE PER ANNUM ₹.
59	R. K. UNIVERSITY- SCHOOL OF ENGINEERING R K University Campus, Rajkot-Bhavnagar highway, Kasturbadham, Rajkot-360 020 Phone: 0281-2785116, Fax: 0281-2785116, www.rku.ac.in (Affiliated to R.K.University, Rajkot)	COMPUTER ENGINEERING	60	151-1D	64000
		ELECTRICAL ENGINEERING	120	151-1L	
		ELECTRONICS & COMMUNICATION ENGINEERING	60	151-16	
		INFORMATION TECHNOLOGY	60	151-1E	
		MECHANICAL ENGINEERING	120	151-1F	
		CIVIL ENGINEERING	120	151-1S	
		COMPUTER ENGINEERING (SECOND SHIFT)	60	151-38	
		CIVIL ENGINEERING (SECOND SHIFT)	60	151-52	
		MECHANICAL ENGINEERING (SECOND SHIFT)	120	151-31	
		TOTAL	780		
60	S. P. B. PATEL ENGINEERING COLLEGE (SAFFRONY) Linch,Nr. Saffrony Holiday Resort, Ahmedabad- Mehsana highway, Mehsana-384 435. Phone: 02762-285721, Fax: 02762-285720, www.saffrony.ac.in	CIVIL ENGINEERING	60	150-1S	52000
		COMPUTER ENGINEERING	60	150-1D	
		ELECTRONICS & COMMUNICATION ENGINEERING	60	150-16	
		INFORMATION TECHNOLOGY	60	150-1E	
		MECHANICAL ENGINEERING	120	150-1F	
		AUTOMOBILE ENGINEERING	60	150-1I	
		ELECTRICAL ENGINEERING	60	150-1L	
		TOTAL	480		
61	SABAR INSTITUTE OF TECHNOLOGY FOR GIRLS At & Po Tajpur, Ahmedabad-Himmatnagar Highway, N.H 8, Near Gandhinagar, Taluka: Prantij, Dist . Sabarkantha-383 205 Phone: 02770-255132 Fax: 02770-255131 www.sabareducation.org	COMPUTER ENGINEERING	120	175-1D	51000
		ELECTRICAL & ELECTRONICS ENGINEERING	60	175-1M	
		ELECTRONICS & COMMUNICATION ENGINEERING	120	175-16	
		INFORMATION TECHNOLOGY	90	175-1E	
		INSTRUMENTATION & CONTROL ENGINEERING	30	175-1R	
		TOTAL	420		
62	SAKALCHAND PATEL COLLEGE OF ENGINEERING S. K. Campus, Gandhinagar-Ambaji State Highway Link Road, Kamana Char Rasta, Visnagar, Dist. Mehsana-384 315, Phone: 02765-232008, Fax: 02765-224982, www.spcevng.ac.in	CIVIL ENGINEERING	120	135-1S	60000
		CIVIL ENGINEERING (SECOND SHIFT)	60	135-52	
		COMPUTER ENGINEERING	90	135-1D	
		ELECTRICAL ENGINEERING	120	135-1L	
		ELECTRONICS & COMMUNICATION ENGINEERING	120	135-16	
		INFORMATION TECHNOLOGY	60	135-1E	
		MECHANICAL ENGINEERING	120	135-1F	
		TOTAL	690		
63	SAL COLLEGE OF ENGINEERING Opp. Science City, Sola Road, Ahmedabad - 380060. Phone : 079-65229333 / 34, Fax : 29700310	CIVIL ENGINEERING	60	574-1S	50000 #
		CHEMICAL ENGINEERING	60	574-1W	
		COMPUTER ENGINEERING	60	574-1D	
		ELECTRONICS & COMMUNICATION ENGINEERING	60	574-16	
		INFORMATION TECHNOLOGY	60	574-1E	
		MECHANICAL ENGINEERING	120	574-1F	
		MECHANICAL ENGINEERING (SECOND SHIFT)	60	574-31	
		TOTAL	480		
64	SAL INSTITUTE OF TECHNOLOGY & ENGINEERING RESEARCH Opp. Science City, Sola Road, Ahmedabad - 380060. Phone : 079-65229333 / 34Fax : 29700310	COMPUTER ENGINEERING	120	174-1D	56000
		CIVIL ENGINEERING	120	174-1S	
		ELECTRICAL ENGINEERING	60	174-1L	
		ELECTRONICS & COMMUNICATION ENGINEERING	120	174-16	
		MECHANICAL ENGINEERING	120	174-1F	
		MECHANICAL ENGINEERING (SECOND SHIFT)	120	174-31	
		CIVIL ENGINEERING (SECOND SHIFT)	60	174-52	
		AUTOMOBILE ENGINEERING	60	174-1I	
TOTAL	780				
65	SAMARTH COLLEGE OF ENGINEERING & TECHNOLOGY Samarth Campus, Opp. Sabar Dairy, NH-08, Hajipur, Himatnagar, Sabarkantha - 383 031 Phone: 02772-226448, Fax: 02772-226046, www.samarthcampus.com	COMPUTER ENGINEERING	60	197-1D	52000
		ELECTRONICS & COMMUNICATION ENGINEERING	60	197-16	
		ELECTRICAL ENGINEERING	120	197-1L	
		MECHANICAL ENGINEERING	180	197-1F	
		CIVIL ENGINEERING	120	197-1S	
		TOTAL	540		

SR. NO.	INSTITUTES	COURSES	INTAKE	INSTITUTE COURSE CODE	TUITION FEE PER ANNUM ₹.
66	SANJAYBHAI RAJGURU COLLEGE OF ENGINEERING (OM SHANTI ENGINEERING COLLEGE) Sanjay Raj Education Zone, Bedi Hadmatiya Road, Rajkot-360 030 Phone: 0281-2786500, Fax: 0281-2786260, www.omshantiengg.org	COMPUTER SCIENCE & ENGINEERING	60	158-1C	54000
		ELECTRICAL ENGINEERING	120	158-1L	
		ELECTRONICS & COMMUNICATION ENGINEERING	60	158-16	
		INFORMATION TECHNOLOGY	60	158-1E	
		MECHANICAL ENGINEERING	120	158-1F	
		MECHANICAL ENGINEERING (SECOND SHIFT)	60	158-31	
	TOTAL	480			
67	SARDAR PATEL INSTITUTE OF TECHNOLOGY, BASNA CAMPUS Mehsana-Visnagar Highway, At. Piludara, Ta. & Dist. Mehsana Phone: 02765-230476, 230477, Fax : 224274, www.spit.ac.in e-mail : mctvisnagar@rediffmail.com	CIVIL ENGINEERING	60	181-1S	55000
		COMPUTER ENGINEERING	60	181-1D	
		AUTOMOBILE ENGINEERING	120	181-1I	
		MECHANICAL ENGINEERING	180	181-1F	
		MECHANICAL ENGINEERING (SECOND SHIFT)	120	181-31	
	TOTAL	660			
68	SARDAR VALLABHBHAI PATEL INSTITUTE OF TECHNOLOGY (SVIT) Behind S.T.Depot, Vasad-388 306 Phone: 02692-274489, Fax: 02692-274540, www.svitvasad.ac.in	AERONAUTICAL ENGINEERING	60	132-1O	58000 + 1350
		CIVIL ENGINEERING	60	132-1S	
		COMPUTER ENGINEERING	120	132-1D	
		ELECTRICAL ENGINEERING	120	132-1L	
		ELECTRONICS & COMMUNICATION ENGINEERING	120	132-16	
		INFORMATION TECHNOLOGY	120	132-1E	
		INSTRUMENTATION & CONTROL ENGINEERING	60	132-1R	
		MECHANICAL ENGINEERING	120	132-1F	
	TOTAL	780			
69	SARVAJANIK COLLEGE OF ENGINEERING & TECHNOLOGY Dr. R.K.Desai Marg, Opp. Mission Hospital, Athwalines, Surat, Ta-Choryasi, Pin-395 001, Phone: 0261-2240146, Fax: 0261-2240145, www.scet.ac.in	CHEMICAL ENGINEERING	60	127-1W	71000
		COMPUTER ENGINEERING	60	127-1D	
		COMPUTER ENGINEERING (SECOND SHIFT)	60	127-38	
		ELECTRONICS & COMMUNICATION ENGINEERING	60	127-16	
		ELECTRICAL ENGINEERING	60	127-1L	
		ELECTRICAL ENGINEERING (SECOND SHIFT)	60	127-32	
		INFORMATION TECHNOLOGY	60	127-1E	
		INSTRUMENTATION & CONTROL ENGINEERING	60	127-1R	
		TEXTILE TECHNOLOGY	30	127-1Z	
		TEXTILE PROCESSING	20	127-11	
		CIVIL ENGINEERING	60	127-1S	
	TOTAL	590			
70	SCHOOL OF ENGINEERING AND TECHNOLOGY **** Navrachana University, Vasna - Bhayli Road, Vadodara - 391 410 Phone: 0265-3020100, Fax: 0265-3020110 www.university.navrachana.edu.in (Affiliated to Navrachana University, Vadodara)	CIVIL ENGINEERING	60	571-1S	60000 #
		ELECTRICAL & ELECTRONICS ENGINEERING	60	571-1M	
		MECHANICAL ENGINEERING	60	571-1F	
	TOTAL	180			
71	SHANKARSINGH VAGHELA BAPU INSTITUTE OF TECHNOLOGY Shankarsingh Vaghela Bapu Technical Campus, Gandhinagar-Mansa Road, Post:Vasan, Dist Gandhinagar-382 650 Phone : 079-23976170 Fax : 079-23976172	CIVIL ENGINEERING	120	172-1S	56000
		COMPUTER ENGINEERING	60	172-1D	
		ELECTRICAL ENGINEERING	120	172-1L	
		ELECTRONICS & COMMUNICATION ENGINEERING	60	172-16	
		INFORMATION TECHNOLOGY	60	172-1E	
		MECHANICAL ENGINEERING	120	172-1F	
	TOTAL	540			
72	SHREE PANDIT NATHULAJI VYAS TECHNICAL CAMPUS Surendranagar Ahmedabad Highway, Nr. Kothariya Village, At. Wadhwan, Dist. Surendranagar - 363030 Phone : 02752-247333, 247444 www.spnvcollege.co.in	CIVIL ENGINEERING	60	572-1S	50000 #
		COMPUTER ENGINEERING	60	572-1D	
		ELECTRICAL ENGINEERING	120	572-1L	
		MECHANICAL ENGINEERING	120	572-1F	
	TOTAL	360			

SR. NO.	INSTITUTES	COURSES	INTAKE	INSTITUTE COURSE CODE	TUITION FEE PER ANNUM ₹.
73	SHRI J.M. SABVA INSTITUTE OF ENGINEERING & TECHNOLOGY Aradhana Shaikshanik Sankul Bhavnagar Road, Botad-364 710, Dist: Bhavnagar Phone: 02849-294550, 305500 www.jmsietbotad.com	CIVIL ENGINEERING	60	569-1S	41000
		COMPUTER ENGINEERING	60	569-1D	
		ELECTRICAL ENGINEERING	120	569-1L	
		ELECTRONICS & COMMUNICATION ENGINEERING	60	569-16	
		MECHANICAL ENGINEERING	180	569-1F	
		TOTAL	480		
74	SHRI LABHUBHAI TRIVEDI INSTITUTE OF ENGINEERING AND TECHNOLOGY At Village Mavdi, Nr Government Engineering College, Kalawad Road, Rajkot - 360 005, Phone: 0281-6564011,Fax: 0281-2466150 www.ltiet.com	COMPUTER SCIENCE & ENGINEERING	60	554-1C	54000
		MECHANICAL ENGINEERING	120	554-1F	
		CIVIL ENGINEERING	120	554-1S	
		ELECTRICAL ENGINEERING	60	554-1L	
		TOTAL	360		
75	SHRI SADVIDHYAMANDAL INSTITUTE OF TECHNOLOGY College Campus, Old National Highway No-08, Bharuch, Pin-392 001, Phone: 02642-245864, Fax: 02642-249601, www.svmit.ac.in	CHEMICAL ENGINEERING	60	130-1W	56000
		CIVIL ENGINEERING	60	130-1S	
		COMPUTER SCIENCE & ENGINEERING	60	130-1C	
		ELECTRICAL ENGINEERING	60	130-1L	
		ELECTRONICS & TELECOMMUNICATION ENGINEERING	60	130-1B	
		INFORMATION TECHNOLOGY	45	130-1E	
		MECHANICAL ENGINEERING	180	130-1F	
TOTAL	525				
76	“SHRI SATSANGI SAKETDHAM ‘RAM ASHRAM’ GROUP OF INSTITUTIONS” At. & Po. Vadasma, Ta. & Dist. Mehsana, Village Vadasma, Mehsana - 382 708, Phone: 02762-278305, Fax: 02762-278018, www.satsangivadasma.org	MECHANICAL ENGINEERING	120	551-1F	49000
		COMPUTER SCIENCE & ENGINEERING	60	551-1C	
		ELECTRONICS & COMMUNICATION ENGINEERING	60	551-16	
		ELECTRICAL ENGINEERING	60	551-1L	
		CIVIL ENGINEERING	120	551-1S	
		AUTOMOBILE ENGINEERING	60	551-1I	
		MECHATRONICS	60	551-1H	
		TOTAL	540		
77	SHRI SITARAMBHAI NARANJI PATEL INSTITUTE OF TECHNOLOGY At. & PO. Umrakh, Bardoli - Mota Road., umrakh, Bardoli, Phone: 02622-224581, Fax: 02622-227481, www.vidyabhartitrust.orgx	COMPUTER SCIENCE & ENGINEERING	60	159-1C	53000 + 889
		ELECTRICAL ENGINEERING	120	159-1L	
		ELECTRONICS & COMMUNICATION ENGINEERING	60	159-16	
		MECHANICAL ENGINEERING	120	159-1F	
		CIVIL ENGINEERING	120	159-1S	
		TOTAL	480		
78	SHRI SWAMI ATMANAND SARASWATI INSTITUTE OF TECHNOLOGY Shree Swami Atmanand Saraswati Vidya Sankul, Kapodra, Varachha Road, Surat - 395006 Phone: 0261-2573553 / 54 Fax: 0261-2573552	COMPUTER ENGINEERING	30	184-1D	56000
		CIVIL ENGINEERING	60	184-1S	
		ELECTRONICS & COMMUNICATION ENGINEERING	30	184-16	
		MECHANICAL ENGINEERING	60	184-1F	
		ELECTRICAL ENGINEERING	30	184-1L	
		TOTAL	210		
79	SHROFF S R ROTARY INSTITUTE OF CHEMICAL TECHNOLOGY Block No. 402, At & Po: Vataria, Ankleshwar-Valia Road, Tal: Valia, Dist: Bharuch Phone : 02643-270320 Fax : 02643-270323	CHEMICAL ENGINEERING	60	563-1W	67000
		CHEMICAL TECHNOLOGY	60	563-54	
		ENVIRONMENTAL SCIENCE & TECHNOLOGY	60	563-71	
		MECHANICAL ENGINEERING	60	563-1F	
		ELECTRICAL ENGINEERING	60	563-1L	
		TOTAL	300		
80	SIGMA INSTITUTE OF ENGINEERING Bakrol-390 019,Ta.Waghodia, Dist Vadodra, www.Sigma.ac.in	CIVIL ENGINEERING	60	163-1S	49000
		COMPUTER ENGINEERING	60	163-1D	
		ELECTRICAL ENGINEERING	60	163-1L	
		ELECTRONICS & COMMUNICATION ENGINEERING	60	163-16	
		INFORMATION TECHNOLOGY	60	163-1E	
		MECHANICAL ENGINEERING	120	163-1F	
		MECHANICAL ENGINEERING (SECOND SHIFT)	60	163-31	
		TOTAL	480		

SR. NO.	INSTITUTES	COURSES	INTAKE	INSTITUTE COURSE CODE	TUITION FEE PER ANNUM ₹.
81	SILVER OAK COLLEGE OF ENGINEERING & TECHNOLOGY 352, 353 A, Near Bhavik Publication, Opposite Bhagwat Vidyapith, Gota Cross Road, Ahmedabad - 382 481 Phone: 079-30180000 Fax: 079-30180005 www.socet.edu.in	CIVIL ENGINEERING	120	179-1S	57000
		COMPUTER ENGINEERING	180	179-1D	
		ELECTRONICS & COMMUNICATION ENGINEERING	60	179-16	
		INFORMATION TECHNOLOGY	60	179-1E	
		MECHANICAL ENGINEERING	240	179-1F	
		MECHANICAL ENGINEERING (SECOND SHIFT)	180	179-31	
		CIVIL ENGINEERING (SECOND SHIFT)	60	179-52	
TOTAL	900				
82	SMT. S. R. PATEL ENGINEERING COLLEGE Dabhi-Unjha At & Post: Dabhi, Ta. Unjha, Dist. Mehsana-384 170 Phone: 02767-272009, Fax : 02767-272617 www.srpec.org.in	CIVIL ENGINEERING	60	170-1S	60000
		COMPUTER ENGINEERING	60	170-1D	
		MECHANICAL ENGINEERING	120	170-1F	
		ELECTRONICS & COMMUNICATION ENGINEERING	60	170-16	
TOTAL	300				
83	SWAMINARAYAN COLLEGE OF ENGINEERING & TECHNOLOGY (DEGREE) Opposite Kalol GIDC, Mehsana Highway, Saij, Dist: Gandhinagar Phone : 02764-223805	CIVIL ENGINEERING	120	577-1S	50000 #
		COMPUTER ENGINEERING	60	577-1D	
		ELECTRICAL ENGINEERING	60	577-1L	
		AUTOMOBILE ENGINEERING	60	577-1I	
		MECHANICAL ENGINEERING	120	577-1F	
TOTAL	420				
84	TAKSHASHILA COLLEGE OF ENGINEERING & TECHNOLOGY Kalawad Road, Near Balaji Vefar, Opp.Hill View Club, 150 ft Ishawariya Road, Rajkot-360 110 Phone: 0281-3205751 www.takshashilacollege.com	COMPUTER ENGINEERING	120	168-1D	52000
		CIVIL ENGINEERING	60	168-1S	
		ELECTRICAL ENGINEERING	180	168-1L	
		ELECTRONICS & COMMUNICATION ENGINEERING	60	168-16	
		INFORMATION TECHNOLOGY	60	168-1E	
		MECHANICAL ENGINEERING	180	168-1F	
TOTAL	660				
85	TATVA INSTITUTE OF TECHNOLOGICAL STUDIE (TITS) Near Karna Pump,, Modasa-Shamlaji Road,, Modasa, Sabarkantha - 383 315, Phone: 02774-242801/2/3/4, Fax: 02774-242805, www.tatvafoundation.com	INFORMATION TECHNOLOGY	60	199-1E	51000
		ELECTRONICS & COMMUNICATION ENGINEERING	60	199-16	
		MECHANICAL ENGINEERING	120	199-1F	
		ELECTRICAL ENGINEERING	60	199-1L	
		CIVIL ENGINEERING	120	199-1S	
		TOTAL	420		
86	U. V. PATEL COLLEGE OF ENGINEERING Ganpat University, Mahesana-Gozaria Highway, Ganpat Vidyanagar, Dist-Mehsana-384 012 Phone: 02762-286805, Fax: 02762-286650, www.uvpce.ac.in (Affiliated to Ganpat University, Mahesana)	BIO-MEDICAL ENGINEERING	60	131-13	72000
		CIVIL ENGINEERING	120	131-1S	
		COMPUTER ENGINEERING	60	131-1D	
		ELECTRICAL ENGINEERING	60	131-1L	
		ELECTRONICS & COMMUNICATION ENGINEERING	120	131-16	
		INFORMATION TECHNOLOGY	60	131-1E	
		MECHATRONICS	120	131-1H	
		MECHANICAL ENGINEERING	60	131-1F	
		MARINE ENGINEERING	40	131-1Q	
		TOTAL	700		
87	UNIVERSAL COLLEGE OF ENGINEERING & TECHNOLOGY Motibhoyan, Kalol, Gandhinagar, Phone: 02764-292267, Fax: 02764-292267, www.ucet.in	COMPUTER ENGINEERING	90	160-1D	46000
		CIVIL ENGINEERING	120	160-1S	
		ELECTRICAL ENGINEERING	120	160-1L	
		ELECTRONICS & COMMUNICATION ENGINEERING	90	160-16	
		INFORMATION TECHNOLOGY	60	160-1E	
		MECHANICAL ENGINEERING	180	160-1F	
TOTAL	660				
88	V.V.P. ENGINEERING COLLEGE Opp.-Motel the Village, Kalawad Road, Vajdi-Virda, Dist-Rajkot Pin-360 005, Phone: 0281-2783394, Fax: 0281-2783487, www.vvpedulink.ac.in	BIOTECHNOLOGY	30	128-14	70000
		CIVIL ENGINEERING	60	128-1S	
		CHEMICAL ENGINEERING	60	128-1W	
		COMPUTER ENGINEERING	60	128-1D	
		ELECTRONICS & COMMUNICATION ENGINEERING	60	128-16	
		ELECTRICAL ENGINEERING	60	128-1L	
		INFORMATION TECHNOLOGY	60	128-1E	
		MECHANICAL ENGINEERING	120	128-1F	
		NANO TECHNOLOGY	60	128-58	
		TOTAL	570		

SR. NO.	INSTITUTES	COURSES	INTAKE	INSTITUTE COURSE CODE	TUITION FEE PER ANNUM ₹.
89	VADODARA INSTITUTE OF ENGINEERING Vadodara-Halol Toll Road, At. Kotambi, Ta. Waghodiya, Dist. Vadodara-391 510 Phone: 0265-3915900, Fax: 0265-3915905 www.vier.org.in	COMPUTER ENGINEERING	120	173-1D	52000
		ELECTRICAL ENGINEERING	120	173-1L	
		ELECTRICAL ENGINEERING (SECOND SHIFT)	60	173-32	
		ELECTRONICS & COMMUNICATION ENGINEERING	60	173-16	
		INFORMATION TECHNOLOGY	60	173-1E	
		MECHANICAL ENGINEERING	120	173-1F	
		MECHANICAL ENGINEERING (SECOND SHIFT)	60	173-31	
		CIVIL ENGINEERING	60	173-1S	
	TOTAL	660			
90	VALIA INSTITUTE OF TECHNOLOGY valia netrang road, valia, Phone: 02643-270700, Fax: 02643-270390, www.nctvit.org	COMPUTER ENGINEERING	60	142-1D	46000
		ELECTRICAL ENGINEERING	120	142-1L	
		ELECTRONICS & COMMUNICATION ENGINEERING	90	142-16	
		MECHANICAL ENGINEERING	120	142-1F	
	TOTAL	390			
91	VEERAYATAN GROUP OF INSTITUTIONS FACULTY OF ENGINEERING Jakhania, Mandvi- Bhuj Road, Taluka Mandvi, Kutch - 370 460 Phone: 02834-275483, 275241 / 61 Email : veerayatan@gmail.com www.veereng.org	CIVIL ENGINEERING	60	556-1S	51000
		CHEMICAL ENGINEERING	60	556-1W	
		COMPUTER ENGINEERING	60	556-1D	
		ELECTRONICS & COMMUNICATION ENGINEERING	60	556-16	
		INFORMATION TECHNOLOGY	60	556-1E	
		MECHANICAL ENGINEERING	120	556-1F	
		ELECTRICAL ENGINEERING	60	556-1L	
	TOTAL	480			
92	VENUS INTERNATIONAL COLLEGE OF TECHNOLOGY Adalaj_Kalol Highway Road, Opp. IFFCO, Village : Bhoyan Rathod, Tal. & Dist. Gandhinagar, Phone: 079-29289580, 29289779, 29289768, Fax : 079-40021021	CIVIL ENGINEERING	60	180-1S	55000
		COMPUTER ENGINEERING	60	180-1D	
		ELECTRONICS & COMMUNICATION ENGINEERING	60	180-16	
		ELECTRICAL ENGINEERING	120	180-1L	
		ELECTRICAL & ELECTRONICS ENGINEERING	60	180-1M	
		MECHANICAL ENGINEERING	180	180-1F	
		MECHANICAL ENGINEERING (SECOND SHIFT)	120	180-31	
	TOTAL	660			
93	VIDHYADEEP INSTITUTE OF MANAGEMENT & TECHNOLOGY At & Po. Anita (Kim), Ta; Olpad, Dist: Surat Phone : 02621-249227	CIVIL ENGINEERING	60	558-1S	56000
		COMPUTER ENGINEERING	60	558-1D	
		ELECTRICAL ENGINEERING	120	558-1L	
		ELECTRONICS & COMMUNICATION ENGINEERING	60	558-16	
		MECHANICAL ENGINEERING	120	558-1F	
	TOTAL	420			
(D) TOTAL DEGREE ENGINEERING SEATS FOR SFI COLLEGES			49349		
NEW INSTITUTE FOR YEAR 2013-14					
1	DHIRUBHAI AMBANI INSTITUTE OF INFORMATION AND COMMUNICATION TECHNOLOGY**** Near Indroda Circle, Gandhinagar-382 007 Phone: 079-3052-0000, Fax :079-3052-0010 (Affiliated to DA-IICT, Gandhinagar)	INFORMATION & COMMUNICATION TECHNOLOGY	240	581-17	85000
		B. TECH (HONS. IN ICT WITH MINOR IN CS)	60		
		TOTAL	300		
2	INSTITUTE OF TECHNOLOGY, NIRMA UNIVERSITY**** Sarkhej-Gandhinagar Highway, Via : Gota, Village : Chharodi, Ahmedabad - 382 481 Phone : 02717 - 241911-15, 241271, Fax : 02717 - 241916 - 17 (Affiliated to Nirma University, Ahmedabad)	MECHANICAL ENGINEERING	120	126-1F	100000 + 4600
		ELECTRICAL ENGINEERING	120	126-1L	
		CHEMICAL ENGINEERING	60	126-1W	
		COMPUTER ENGINEERING	120	126-1D	
		INSTRUMENTATION & CONTROL ENGINEERING	60	126-1R	
		INFORMATION TECHNOLOGY	60	126-1E	
		ELECTRONICS & COMMUNICATION ENGINEERING	120	126-16	
		CIVIL ENGINEERING	120	126-1S	
	TOTAL	780			
3	PANDIT DEENDAYAL PETROLEUM UNIVERSITY **** Raisan Village, Gandhinagar-382 00 Phone: 079-23275060 Fax: 079-23275030 (Affiliated to Pandit Deendayal Petroleum University, Gandhinagar)	PETROLEUM TECHNOLOGY	120		120000
		ELECTRICAL ENGINEERING	120	582-1L	85000
		MECHANICAL ENGINEERING	120	582-1F	
		CIVIL ENGINEERING	120	582-1S	
		CHEMICAL ENGINEERING	60	582-1W	
		INDUSTRIAL ENGINEERING	60	582-1K	
	TOTAL	600			

SR. NO.	INSTITUTES	COURSES	INTAKE	INSTITUTE COURSE CODE	TUITION FEE PER ANNUM ₹.
4	SCHOOL OF ENGINEERING & APPLIED SCIENCES, RAI UNIVERSITY **** Saroda, Dholka, Dist. Ahmedabad. www.raiversity.edu.in (Affiliated to Rai University, Ahmedabad)	ELECTRONICS & COMMUNICATION ENGINEERING	60	583-16	45000 #
		ELECTRICAL ENGINEERING	60	583-1L	
		MECHANICAL ENGINEERING	120	583-1F	
		CIVIL ENGINEERING	120	583-1S	
		INFORMATION TECHNOLOGY	60	583-1E	
		COMPUTER ENGINEERING	60	583-1D	
		BIOTECHNOLOGY	60	583-14	
		TOTAL	540		
5	NEOTECH INSTITUTE OF TECHNOLOGY At & Po : Virod, Harni-Virod Road, Ta: Vadodara, Dist : Vadodara-390022 Phone : 0265-2358991 www.neotech.ac.in	ELECTRICAL ENGINEERING	60	584-1L	49000 #
		CIVIL ENGINEERING	120	584-1S	
		MECHANICAL ENGINEERING	120	584-1F	
		TOTAL	300		
6	D A DEGREE ENGINEERING AND TECHNOLOGY Hiraba Kelavani Trust Education Campus, Nr. Khatraj Chokdi, Mahemdabad, Kheda-387130 Phone : 02694-244364	COMPUTER ENGINEERING	60	585-1D	49000 #
		CIVIL ENGINEERING	120	585-1S	
		MECHANICAL ENGINEERING	120	585-1F	
		TOTAL	300		
7	INSTITUTE OF INFRASTRUCTURE, TECHNOLOGY, RESEARCH AND MANAGEMENT Ahmedabad.	CIVIL ENGINEERING	120	586-1S	*****
		ELECTRICAL ENGINEERING	120	586-1L	
		TOTAL	240		
(E) TOTAL DEGREE ENGINEERING SEATS FOR NEWLY APPROVED COLLEGES			3060		
GRAND TOTAL DEGREE ENGINEERING SEATS (A+B+C+D+E)			63113		

- The Admission will be subject to intake sanctioned by the AICTE, New Delhi and affiliation with the concerned university at the time of counselling.
- There is no tuition fee for female candidates in Government and Grant-in-Aid colleges/courses.
- # indicates Adhoc fee, subject to revision by the Fee Regulatory Committee (Website : www.frctech.ac.in)
- * Programme is accredited by National Board of Accreditation (NBA), AICTE, New Delhi.
- ** Institute is accredited by National Assessment & Accreditation Council (NAAC), UGC, New Delhi.
- *** Persons of Indian Origin (PIO) seats are available at Institute as per AICTE guidelines.
- **** Courses started by University and is empowered to award degree as specified by the UGC under section 22 of the UGC Act, 1956 as per Public Notice No. UB/04(03)/2010 issued by AICTE, prior approval of AICTE is not mandatory to start any programme in technical or management leading to an award including degree by any state university.
- ***** Fee will be decided by authority.
- The above information is for reference only and subject to change. Latest information will be available at ACPC website : www.jacpldce.ac.in

Sr. No.	Institute	Course	IC Code	OPEN		SC		ST		SEBC		DS		CB-OPEN		ISCE-OPEN	
				Rank	M.Mark	Rank	M.Mark	Rank	M.Mark	Rank	M.Mark	Rank	M.Mark	Rank	M.Mark	Rank	M.Mark
DEGREE ENGINEERING COURSES																	
285	BMCET, SUART-BE	Auto	156-1I	26766	45.43333	----	----	----	----	----	----	----	----	2812	28.41667	*****	*****
286	ATMIYA, RAJKOT-BE	Computer	137-1D	26966	45.28333	----	----	----	----	----	----	----	----	2819	28.25	*****	*****
287	SSEC, BNAGAR-BE	EC	103-16	27045	45.21667	40755	35.46667	----	----	----	----	----	----	2408	36.75	*****	*****
288	GEC, DAHOD-BE	EC	114-16	27183	45.11667	----	----	44571	31.9	----	----	----	----	2505	35.08333	*****	*****
289	GEC, PATAN-BE	EC	110-16	27238	45.1	33787	40.6	----	----	----	----	----	----	2849	27.25	240	44.66667
290	SILVEROAK-BE	Civil-2	179-52	27482	44.93333	41899	34.5	----	----	40054	36	----	----	----	----	*****	*****
291	SMIT, BHARUCH-BE	Electrical	130-1L	27499	44.91667	35098	39.71667	----	----	41272	35.06667	----	----	----	----	*****	*****
292	MERCHAN, BESNA-BE	Mech-2	165-31	27515	44.91667	38552	37.16667	----	----	----	----	*****	*****	----	----	*****	*****
293	GIT, G.NAGAR-BE	Civil	152-1S	27527	44.9	45787	30.31667	----	----	----	----	36268	38.86667	----	----	306	36.41667
294	PIET, VAGHODIA-BE	Civil-2	143-52	27654	44.81667	----	----	----	----	----	----	----	----	2793	28.83333	*****	*****
295	SCET, KALOL-BE	Mech	577-1F	27887	44.65	----	----	----	----	----	----	*****	*****	----	----	*****	*****
296	DARSHAN, RAJKOT-BE	Civil	166-1S	27991	44.58333	----	----	----	----	----	----	----	----	----	----	----	----
297	FETR, Isroli-BE	Civil	555-1S	28238	44.41667	46832	28.56667	47096	27.93333	----	----	----	----	----	----	*****	*****
298	CKPCET, SURAT-BE	Computer	134-1D	28309	44.36667	----	----	----	----	----	----	*****	*****	2894.5	23.5	136	57.41667
299	SIGMA -BE	Electrical	163-1L	28516	44.23333	43888	32.63333	----	----	----	----	----	----	2811	28.41667	*****	*****
300	JIVRAJMEHTA,ANAND-BE	Electrical	553-1L	28627	44.15	47270	27.35	----	----	----	----	*****	*****	----	----	*****	*****
301	MARWADI,ENGG-BE	Civil-2	176-52	28658	44.11667	----	----	----	----	40603	35.6	----	----	2731	30.66667	*****	*****
302	TATVA, MODASA-BE	Electrical	199-1L	28777	44.03333	33453	40.81667	----	----	38467	37.21667	*****	*****	----	----	*****	*****
303	KITE, KALOL-BE	Civil	149-1S	28855	43.98333	39303	36.6	----	----	46557	29.08333	----	----	1539	49.66667	175	52.41667
304	SAMARTH, HIMATNAGAR-BE	Mech	197-1F	29192	43.73333	----	----	----	----	----	----	----	----	----	----	*****	*****
305	BIT,VADODAR-BE	CompSc-2	144-37	29272	43.66667	----	----	----	----	----	----	----	----	1161	55	*****	*****
306	SSASIT, SURAT-BE	EC	184-16	29506	43.51667	----	----	----	----	----	----	*****	*****	743	62.33333	*****	*****
307	SVBIT, UNAVA-BE	Electrical	172-1L	29672	43.38333	38141	37.48333	----	----	----	----	41180	35.13333	----	----	176	52.41667
308	SVBIT, UNAVA-BE	Civil	172-1S	29798	43.3	----	----	----	----	----	----	46542	29.11667	----	----	332	33.41667
309	JIVRAJMEHTA,ANAND-BE	Civil	553-1S	30175	43.05	----	----	----	----	----	----	----	----	2782	29.33333	*****	*****
310	BVM,VVNAGAR-SFI-BE	Electro&Tele	140-1B	31136	42.38333	----	----	----	----	----	----	----	----	----	----	*****	*****
311	MGIT, NAVSARI-BE	Electrical	145-1L	31456	42.16667	----	----	----	----	----	----	----	----	----	----	*****	*****
312	MSCET, VESU-BE	Mech	580-1F	31498	42.13333	----	----	----	----	----	----	*****	*****	----	----	*****	*****
313	ADIT, KARMSAD-BE	IT	139-1E	31587	42.08333	----	----	----	----	----	----	*****	*****	1071	56.75	*****	*****
314	SILVEROAK-BE	Computer	179-1D	31694	42	----	----	----	----	----	----	----	----	2589	33.5	*****	*****
315	SPNVTC, WADHWAN-BE	Mech	572-1F	31894	41.86667	46366	29.41667	----	----	----	----	40116	35.95	----	----	*****	*****
316	CGPIT, TARSADI-BE	Elect&Electro	171-1M	32053	41.76667	----	----	----	----	----	----	*****	*****	----	----	*****	*****
317	LCIT, BHANDU-BE	Electrical	141-1L	32137	41.71667	34942	39.81667	----	----	----	----	*****	*****	2750	30.25	*****	*****
318	AMEC, Dhari-BE	Mech	560-1F	32473	41.48333	----	----	----	----	----	----	*****	*****	----	----	*****	*****
319	TATVA, MODASA-BE	Civil	199-1S	32621	41.38333	36787	38.48333	----	----	----	----	----	----	----	----	*****	*****
320	SMIT, BHARUCH-BE	Civil	130-1S	32676	41.33333	----	----	----	----	----	----	----	----	2834	27.66667	*****	*****
321	TUWA-BE	Mech	178-1F	32795	41.26667	40397	35.75	----	----	----	----	----	----	----	----	----	----
322	RKU, RAJKOT-BE	Electrical	151-1L	33111	41.05	----	----	----	----	----	----	*****	*****	----	----	*****	*****
323	SIGMA -BE	Mech-2	163-31	33282	40.95	----	----	----	----	46059	29.93333	*****	*****	----	----	*****	*****
324	OMSHANTI -BE	Mech	158-1F	33307	40.93333	----	----	----	----	----	----	----	----	----	----	225.5	46.08333
325	ALPHA, KALOL-BE	Electrical	164-1L	33695	40.65	46145	29.78333	----	----	----	----	----	----	2554	34.16667	*****	*****
326	SSEC, BNAGAR-BE	IT	103-1E	34030	40.43333	----	----	----	----	34045	40.41667	27073	45.2	2498.5	35.25	----	----
327	MGIT, NAVSARI-BE	Civil	145-1S	34067	40.4	----	----	----	----	----	----	----	----	----	----	----	----
328	UVPCE, MEHSANA-BE	Computer	131-1D	34489	40.11667	----	----	----	----	----	----	----	----	----	----	*****	*****
329	SPIT, PILUDARA-BE	Mech	181-1F	34499	40.11667	----	----	----	----	----	----	----	----	----	----	----	----
330	LJET, ABAD-BE	EC	154-16	34654	40.01667	42582	33.86667	----	----	----	----	*****	*****	950	58.5	*****	*****
331	IJET, Dharmaj-BE	Civil	565-1S	34697	40	45246	31.08333	----	----	----	----	*****	*****	----	----	*****	*****
332	OMIT, Shahera-BE	Mech	567-1F	34955	39.8	----	----	----	----	----	----	*****	*****	----	----	*****	*****
333	GIDCDEC, NAVSARI-BE	Mech	579-1F	35049	39.75	----	----	----	----	39479	36.46667	----	----	----	----	*****	*****
334	NARAYANSHASTRI -BE	Civil	157-1S	35540	39.38333	----	----	----	----	----	----	----	----	----	----	148	55.16667
335	RKU, RAJKOT-BE	Civil	151-1S	35651	39.3	----	----	----	----	----	----	----	----	----	----	*****	*****
336	CGPIT, TARSADI-BE	IT	171-1E	35692	39.25	----	----	----	----	----	----	*****	*****	1836	45.58333	314	35.75
337	DARSHAN, RAJKOT-BE	Electrical	166-1L	36331	38.8	----	----	----	----	----	----	----	----	----	----	*****	*****
338	GIT, G.NAGAR-BE	Computer	152-1D	36477	38.7	----	----	----	----	----	----	----	----	1661	48.08333	164	53.08333
339	LCIT, BHANDU-BE	Civil	141-1S	37050	38.28333	44604	31.86667	----	----	----	----	----	----	----	----	*****	*****
340	SUBHASH, JUNAGADH-BE	Mech	196-1F	37445	37.98333	----	----	----	----	----	----	----	----	----	----	*****	*****
341	ADIT, KARMSAD-BE	FoodTech	139-1S	37466	37.98333	----	----	----	----	----	----	----	----	1302	53.16667	*****	*****
342	HGCE-ABAD-BE	Electrical	153-1L	37571	37.91667	----	----	----	----	----	----	----	----	----	----	319	35
343	SIGMA -BE	Civil	163-1S	37578	37.9	47503	26.58333	----	----	----	----	----	----	2725	30.91667	*****	*****
344	Vidhyadeep, Kim-BE	Civil	558-1S	37606	37.88333	----	----	----	----	----	----	----	----	----	----	----	----
345	PACIFIC, SURAT-BE	Civil	575-1S	37662	37.83333	----	----	----	----	----	----	----	----	----	----	*****	*****
346	SRPATEL, DABHI-BE	Civil	170-1S	37701	37.8	44092	32.41667	----	----	----	----	*****	*****	----	----	*****	*****
347	SPIT, VASAD-BE	IT	132-1E	38309	37.35	----	----	----	----	----	----	44983	31.4	1575	49.25	187	50.75
348	MARWADI,ENGG-BE	IT	176-1E	38323	37.33333	----	----	----	----	----	----	----	----	2580	33.66667	*****	*****
349	VIDHYABHARTI -BE	Electrical	159-1L	38348	37.31667	----	----	----	----	46594	29.03333	----	----	----	----	*****	*****
350	PIET, VAGHODIA-BE	IT	143-1E	38408	37.26667	----	----	----	----	----	----	*****	*****	----	----	*****	*****
351	Hansaba, Patan-BE	Electrical	562-1L	38717	37.05	----	----	----	----	----	----	*****	*****	----	----	*****	*****
352	SALCE, ABAD-BE	Civil	574-1S	39015	36.81667	----	----	----	----	----	----	*****	*****	2070	42.16667	----	----
353	SILVEROAK-BE	IT	179-1E	39071	36.76667	----	----	----	----	----	----	*****	*****	----	----	*****	*****
354	SALITER, Abad-BE	Civil-2	174-52	39241	36.63333	----	----	----	----	----	----	*****	*****	----	----	*****	*****
355	PIET, VAGHODIA-BE	CompSc	143-1C	39256	36.61667	----	----	----	----	----	----	----	----	2850.5	27.25	*****	*****
356	AIT, ABAD-BE	Computer	146-1D	39321	36.58333	----	----	----	----	----	----	----	----	----	----	----	----

Sr. No.	Institute	Course	IC Code	OPEN		SC		ST		SEBC		DS		CB-OPEN		ISCE-OPEN	
				Rank	M.Mark	Rank	M.Mark	Rank	M.Mark	Rank	M.Mark	Rank	M.Mark	Rank	M.Mark	Rank	M.Mark
DEGREE ENGINEERING COURSES																	
357	UNIVERSAL -BE	Electrical	160-1L	39381	36.55	45375	30.88333	----	----	----	----	*****	*****	----	----	----	----
358	Vidhyadeep, Kim-BE	Electrical	558-1L	39612	36.35	46983	28.2	----	----	----	----	*****	*****	----	----	*****	*****
359	SCET, SURAT-BE	TextProd	127-11	39670	36.31667	----	----	----	----	----	----	*****	*****	883	59.75	*****	*****
360	KJIET, SAVALI-BE	Electrical	183-1L	40231	35.86667	----	----	----	----	----	----	----	----	----	----	*****	*****
361	PACIFIC, SURAT-BE	Electrical	575-1L	40271	35.83333	----	----	----	----	----	----	*****	*****	----	----	*****	*****
362	SVBIT, UNAVA-BE	Computer	172-1D	40301	35.81667	----	----	----	----	----	----	*****	*****	1902	44.58333	*****	*****
363	FETR, Isroli-BE	Electrical	555-1L	40392	35.75	----	----	----	----	----	----	----	----	----	----	----	----
364	VIE, KOTAMBI-BE	Electrical	173-1L	40820	35.4	----	----	----	----	----	----	----	----	----	----	*****	*****
365	NOBEL, JUNAGADH-BE	Mech	161-1F	40976	35.3	----	----	----	----	----	----	----	----	----	----	*****	*****
366	Leads, Matar-BE	Mech	564-1F	41196	35.13333	----	----	----	----	----	----	----	----	----	----	*****	*****
367	TUWA-BE	Electrical	178-1L	41395	34.96667	----	----	----	----	----	----	*****	*****	----	----	----	----
368	HGCE-ABAD-BE	Civil	153-1S	41492	34.88333	----	----	----	----	----	----	----	----	----	----	*****	*****
369	VENUS-BE	Civil	180-1S	41541	34.83333	----	----	----	----	----	----	*****	*****	----	----	*****	*****
370	VENUS-BE	Electrical	180-1L	41768	34.61667	45594	30.6	----	----	----	----	*****	*****	----	----	*****	*****
371	GEC, BHUJ-BE	Mining	106-1P	43342	33.15	----	----	----	----	----	----	----	----	----	----	*****	*****
372	VALIA, BHARUCH-BE	Mech	142-1F	43456	33.05	----	----	----	----	----	----	----	----	----	----	----	----
373	LTIET, RAJKOT-BE	Mech	554-1F	43494	33.01667	----	----	----	----	----	----	----	----	----	----	*****	*****
374	Shroff, BHARUCH-BE	Chemical	563-1W	43520	32.98333	----	----	----	----	----	----	*****	*****	1011	57.66667	*****	*****
375	SCET, SURAT-BE	TextTech	127-1Z	43738	32.76667	----	----	----	----	----	----	*****	*****	1941	44	*****	*****
376	RKU, RAJKOT-BE	Computer	151-1D	44095	32.4	----	----	----	----	----	----	----	----	2549	34.25	*****	*****
377	TAKSHSHILA-BE	Mech	168-1F	44114	32.38333	----	----	----	----	----	----	----	----	----	----	*****	*****
378	FETR, Isroli-BE	Chemical	555-1W	44395	32.1	----	----	----	----	----	----	----	----	----	----	*****	*****
379	OMEC, Junagadh-BE	Mech	566-1F	44396	32.1	----	----	----	----	----	----	----	----	----	----	*****	*****
380	LTIET, RAJKOT-BE	Electrical	554-1L	44415	32.08333	----	----	----	----	----	----	*****	*****	----	----	*****	*****
381	BHGARDI -BE	Electrical	155-1L	44537	31.95	----	----	----	----	----	----	----	----	----	----	*****	*****
382	SMIT, BHARUCH-BE	CompSc	130-1C	44629	31.85	----	----	----	----	----	----	*****	*****	1060	56.91667	*****	*****
383	ITM, VADODARA-BE	CompSc	559-1C	44892	31.55	----	----	----	----	----	----	*****	*****	1318	52.91667	*****	*****
384	PIET, VAGHODIA-BE	CompSc-2	143-37	45092	31.25	----	----	----	----	----	----	*****	*****	2865	26.83333	----	----
385	ATMIYA, RAJKOT-BE	IC	137-1R	45138	31.2	----	----	----	----	----	----	*****	*****	1867	45.16667	*****	*****
386	SUBHASH, JUNAGADH-BE	CompSc	196-1C	45290	31	----	----	----	----	----	----	*****	*****	2851	27.16667	*****	*****
387	CGPIT, TARSADI-BE	EC	171-16	45571	30.63333	----	----	----	----	----	----	----	----	----	----	283	39.91667
388	SKPCE, VISNAGAR-BE	Computer	135-1D	45595	30.6	----	----	----	----	----	----	----	----	----	----	*****	*****
389	AIT, ABAD-BE	IT	146-1E	45657	30.5	----	----	----	----	----	----	*****	*****	2513	35	*****	*****
390	Hansaba, Patan-BE	Computer	562-1D	45687	30.46667	----	----	----	----	----	----	----	----	----	----	*****	*****
391	MBPWIE, VVNAGAR-MAHILA-BE	IT	192-1E	45702	30.43333	----	----	----	----	----	----	----	----	2010	43.08333	329	33.83333
392	MSCET, VESU-BE	Auto	580-1I	45748	30.36667	----	----	----	----	----	----	----	----	----	----	*****	*****
393	BHGARDI -BE	Civil	155-1S	45850	30.21667	----	----	----	----	----	----	*****	*****	----	----	*****	*****
394	LAXMI, VALSAD-BE	Civil	552-1S	45868	30.18333	----	----	----	----	----	----	----	----	----	----	*****	*****
395	NAVACHNA, Vadodara-BE	Elect&Electro	571-1M	45951	30.1	----	----	----	----	----	----	*****	*****	1875	45	276	40.25
396	PARUL2, VAGHODIA-BE	CompSc	195-1C	45956	30.08333	----	----	----	----	----	----	----	----	2209	40.16667	357	29.16667
397	ALPHA, KALOL-BE	Computer	164-1D	46046	29.95	----	----	----	----	----	----	----	----	1483	50.5	*****	*****
398	ALPHA, KALOL-BE	Civil	164-1S	46081	29.9	----	----	----	----	----	----	*****	*****	----	----	*****	*****
399	KIT, JAMNAGAR -BE	Electrical	162-1L	46086	29.88333	----	----	----	----	----	----	*****	*****	----	----	*****	*****
400	JIVRAJMEHTA,ANAND-BE	CompSc	553-1C	46188	29.7	----	----	----	----	----	----	----	----	----	----	----	----
401	SALCE, ABAD-BE	IT	574-1E	46196	29.68333	----	----	----	----	----	----	*****	*****	----	----	*****	*****
402	IJET, Dharmaj-BE	Auto	565-1I	46260	29.6	----	----	----	----	----	----	*****	*****	2885	25.25	*****	*****
403	AMIRAJ, SANAND-BE	Civil	573-1S	46285	29.56667	----	----	----	----	----	----	*****	*****	1963	43.66667	308	36.33333
404	GROWMORE-BE	Civil	182-1S	46329	29.46667	----	----	----	----	----	----	----	----	----	----	*****	*****
405	Vidhyadeep, Kim-BE	Computer	558-1D	46414	29.33333	----	----	----	----	----	----	*****	*****	2748	30.33333	*****	*****
406	CKPCET, SURAT-BE	EC	134-16	46415	29.31667	----	----	----	----	----	----	----	----	----	----	161	53.66667
407	CUSHAH, WADHWAN-BE	Auto	133-1I	46416	29.31667	----	----	----	----	----	----	----	----	2816	28.33333	*****	*****
408	VIDHYABHARTI -BE	CompSc	159-1C	46455	29.25	----	----	----	----	----	----	*****	*****	2224	39.91667	*****	*****
409	SCET, KALOL-BE	Auto	577-1I	46471	29.23333	----	----	----	----	----	----	----	----	----	----	----	----
410	MERCHANT, BESNA-BE	Auto	165-1I	46476	29.21667	----	----	----	----	----	----	----	----	----	----	*****	*****
411	SSESGI, KADI-BE	Civil	177-1S	46550	29.1	----	----	----	----	----	----	*****	*****	----	----	318	35
412	CPIT, CHANGA-BE	EC	138-16	46587	29.05	----	----	----	----	----	----	----	----	1210	54.41667	*****	*****
413	AMEC, Dhari-BE	Civil	560-1S	46613	29	----	----	----	----	----	----	*****	*****	----	----	*****	*****
414	Arrdekta, Khedbrahm-BE	Civil	557-1S	46663	28.91667	----	----	----	----	----	----	----	----	----	----	*****	*****
415	SILVEROAK-BE	EC	179-16	46693	28.85	----	----	----	----	----	----	*****	*****	2261	39.41667	297	38.41667
416	SAFFRONY-BE	Civil	150-1S	46711	28.83333	----	----	----	----	----	----	*****	*****	----	----	*****	*****
417	Shroff, BHARUCH-BE	Chem.Tech.	563-54	46739	28.76667	----	----	----	----	----	----	*****	*****	----	----	*****	*****
418	NARAYANSHASTRI -BE	EC	157-16	46746	28.76667	----	----	----	----	----	----	*****	*****	1238	54.08333	353	29.66667
419	HGCE-ABAD-BE	IT	153-1E	46753	28.73333	----	----	----	----	----	----	*****	*****	----	----	*****	*****
420	Shroff, BHARUCH-BE	Electrical	563-1L	46759	28.71667	----	----	----	----	----	----	----	----	----	----	269	41.33333
421	GKBE, RAJKOT-BE	Mech	169-1F	46772	28.68333	----	----	----	----	----	----	*****	*****	----	----	----	----
422	NARAYANSHASTRI -BE	CompSc	157-1C	46780	28.66667	----	----	----	----	----	----	----	----	----	----	*****	*****
423	SALCE, ABAD-BE	Computer	574-1D	46782	28.66667	----	----	----	----	----	----	----	----	----	----	316	35.41667
424	SPIT, VASAD-BE	EC	132-16	46796	28.63333	----	----	----	----	----	----	----	----	1412	51.5	*****	*****
425	NAVACHNA, Vadodara-BE	Civil	571-1S	46811	28.61667	----	----	----	----	----	----	----	----	1560	49.41667	*****	*****
426	MGIT, NAVSARI-BE	CompSc	145-1C	46822	28.58333	----	----	----	----	----	----	----	----	----	----	*****	*****
427	AMIRAJ, SANAND-BE	Electrical	573-1L	46839	28.56667	----	----	----	----	----	----	*****	*****	1459	50.75	262.5	42.33333
428	BIT,VADODAR-BE	EC-2	144-35	46840	28.56667	----	----	----	----	----	----	*****	*****	2116	41.5	*****	*****

Sr. No.	Institute	Course	IC Code	OPEN		SC		ST		SEBC		DS		CB-OPEN		ISCE-OPEN	
				Rank	M.Mark	Rank	M.Mark	Rank	M.Mark	Rank	M.Mark	Rank	M.Mark	Rank	M.Mark	Rank	M.Mark
DEGREE ENGINEERING COURSES																	
429	GIDCDEC, NAVSARI-BE	Civil	579-1S	46872	28.48333	----	----	----	----	----	----	*****	*****	----	----	*****	*****
430	DARSHAN, RAJKOT-BE	Computer	166-1D	46879	28.46667	----	----	----	----	----	----	----	----	----	----	*****	*****
431	GPRI, Mevad-BE	Civil	568-1S	46880	28.46667	----	----	----	----	----	----	*****	*****	----	----	*****	*****
432	IJET, Dharmaj-BE	Elect&Electro	565-1M	46951	28.3	----	----	----	----	----	----	*****	*****	----	----	*****	*****
433	SSSEGI, KADI-BE	Mech-2	177-31	46955	28.28333	----	----	----	----	----	----	*****	*****	----	----	----	----
434	RKU, RAJKOT-BE	IT	151-1E	46990	28.18333	----	----	----	----	----	----	----	----	----	----	*****	*****
435	AIT, ABAD-BE	EC	146-16	47008	28.16667	----	----	----	----	----	----	*****	*****	----	----	359	28.83333
436	MSCET, VESU-BE	Computer	580-1D	47017	28.15	----	----	----	----	----	----	*****	*****	----	----	*****	*****
437	UVPCE, MEHSANA-BE	Bio-Med	131-13	47028	28.11667	----	----	----	----	----	----	*****	*****	----	----	*****	*****
438	FETR, Isroll-BE	CompSc	555-1C	47031	28.1	----	----	----	----	----	----	*****	*****	----	----	140	56.58333
439	SPIT, PILUDARA-BE	Civil	181-1S	47035	28.08333	----	----	----	----	----	----	*****	*****	----	----	*****	*****
440	LAXMI, VALSAD-BE	EC	552-16	47053	28.03333	----	----	----	----	----	----	----	----	2032	42.66667	*****	*****
441	OMEC, Junagadh-BE	Electrical	566-1L	47073	27.98333	----	----	----	----	----	----	*****	*****	----	----	----	----
442	TAKSHSHILA-BE	Civil	168-1S	47107	27.9	----	----	----	----	----	----	----	----	----	----	*****	*****
443	SCET, KALOL-BE	Electrical	577-1L	47109	27.88333	----	----	----	----	----	----	----	----	----	----	*****	*****
444	KITE, KALOL-BE	CompSc	149-1C	47110	27.88333	----	----	----	----	----	----	----	----	1577	49.25	*****	*****
445	HUD, KERA-BE	Civil	198-1S	47120	27.85	----	----	----	----	----	----	----	----	2848	27.25	*****	*****
446	CUSHAH, WADHWAN-BE	IC	133-1R	47198	27.58333	----	----	----	----	----	----	*****	*****	1824	45.75	----	----
447	BALAJI, MAKHIYALA-BE	Mech	578-1F	47201	27.56667	----	----	----	----	----	----	----	----	----	----	*****	*****
448	GKBIE, RAJKOT-BE	Civil	169-1S	47220	27.51667	----	----	----	----	----	----	*****	*****	----	----	*****	*****
449	LCIT, BHANDU-BE	CompSc	141-1C	47228	27.5	----	----	----	----	----	----	----	----	----	----	*****	*****
450	GPRI, Mevad-BE	Electrical	568-1L	47229	27.48333	----	----	----	----	----	----	*****	*****	2114	41.5	*****	*****
451	SCET, KALOL-BE	Civil	577-1S	47247	27.4	----	----	----	----	----	----	*****	*****	----	----	*****	*****
452	RKU, RAJKOT-BE	Civil-2	151-52	47277	27.31667	----	----	----	----	----	----	*****	*****	----	----	*****	*****
453	MERCHANT, BESNA-BE	Electrical	165-1L	47301	27.25	----	----	----	----	----	----	----	----	----	----	*****	*****
454	SABAR-MAHILA-BE	Computer	175-1D	47306	27.23333	----	----	----	----	----	----	----	----	----	----	*****	*****
455	OMEC, Junagadh-BE	Civil	566-1S	47307	27.23333	----	----	----	----	----	----	*****	*****	----	----	*****	*****
456	PACIFIC, SURAT-BE	Chemical	575-1W	47314	27.21667	----	----	----	----	----	----	*****	*****	----	----	*****	*****
457	AMIRAJ, SANAND-BE	Computer	573-1D	47317	27.2	----	----	----	----	----	----	----	----	----	----	*****	*****
458	OMIT, Shahera-BE	Civil	567-1S	47325	27.16667	----	----	----	----	----	----	*****	*****	----	----	*****	*****
459	BHGARDI -BE	Elect-2	155-32	47336	27.11667	----	----	----	----	----	----	*****	*****	2069	42.16667	*****	*****
460	SAFFRONY-BE	Auto	150-11	47337	27.11667	----	----	----	----	----	----	----	----	2858	27	153	54.75
461	SIGMA -BE	Computer	163-1D	47352	27.05	----	----	----	----	----	----	*****	*****	----	----	----	----
462	GIT, G.NAGAR-BE	IT	152-1E	47356	27.05	----	----	----	----	----	----	----	----	2196	40.41667	310	36.16667
463	CUSHAH, WADHWAN-BE	Computer	133-1D	47359	27.03333	----	----	----	----	----	----	*****	*****	2841	27.58333	*****	*****
464	BIT,VADODAR-BE	EC	144-16	47379	26.95	----	----	----	----	----	----	*****	*****	2671	32.08333	57	69.41667
465	UNIVERSAL -BE	Civil	160-1S	47409	26.86667	----	----	----	----	----	----	----	----	----	----	*****	*****
466	UVPCE, MEHSANA-BE	IT	131-1E	47415	26.83333	----	----	----	----	----	----	----	----	2618	33.08333	149	55.08333
467	Leads, Matar-BE	Civil	564-1S	47431	26.78333	----	----	----	----	----	----	*****	*****	----	----	*****	*****
468	SSSEGI, KADI-BE	Electrical	177-1L	47443	26.73333	----	----	----	----	----	----	----	----	----	----	*****	*****
469	GIDCDEC, NAVSARI-BE	Auto	579-11	47446	26.73333	----	----	----	----	----	----	----	----	----	----	----	----
470	HUD, KERA-BE	Mech	198-1F	47453	26.71667	----	----	----	----	----	----	----	----	----	----	*****	*****
471	SPNVTC, WADHWAN-BE	Civil	572-1S	47456	26.7	----	----	----	----	----	----	*****	*****	----	----	*****	*****
472	SATSANGI, VADASMA-BE	Electrical	551-1L	47463	26.68333	----	----	----	----	----	----	----	----	----	----	*****	*****
473	NOBEL, JUNAGADH-BE	Civil	161-1S	47466	26.66667	----	----	----	----	----	----	*****	*****	----	----	*****	*****
474	SALITER, Abad-BE	Computer	174-1D	47469	26.66667	----	----	----	----	----	----	----	----	2640	32.75	349	30.75
475	OMIT, Shahera-BE	Electrical	567-1L	47492	26.6	----	----	----	----	----	----	*****	*****	----	----	*****	*****
476	LTIET, RAJKOT-BE	Civil	554-1S	47494	26.6	----	----	----	----	----	----	----	----	----	----	----	----
477	NOBEL, JUNAGADH-BE	Electrical	161-1L	47509	26.55	----	----	----	----	----	----	----	----	----	----	----	----
478	MARWADI,ENGG-BE	Env.Eng.Sc.	176-55	47510	26.55	----	----	----	----	----	----	----	----	----	----	342	31.5
479	RKU, RAJKOT-BE	Computer-2	151-38	47516	26.5	----	----	----	----	----	----	*****	*****	----	----	*****	*****
480	SUBHASH, JUNAGADH-BE	Electrical	196-1L	47520	26.48333	----	----	----	----	----	----	----	----	----	----	----	----
481	OMSHANTI -BE	Electrical	158-1L	47535	26.38333	----	----	----	----	----	----	*****	*****	----	----	*****	*****
482	ATMIYA, RAJKOT-BE	IT	137-1E	47550	26.33333	----	----	----	----	----	----	----	----	----	----	----	----
483	SAMARTH, HIMATNAGAR-BE	Electrical	197-1L	47575.5	26.2	----	----	----	----	----	----	----	----	----	----	----	----
484	Veerayatan, Mandvi-BE	Mech	556-1F	47578	26.18333	----	----	----	----	----	----	----	----	----	----	*****	*****
485	LRDP, GNAGAR-BE	EC	147-16	47579	26.16667	----	----	----	----	----	----	----	----	2870	26.41667	150	55.08333
486	INDUS,ABAD-BE	Met	148-1J	47622	25.9	----	----	----	----	----	----	----	----	2853	27.16667	192	50.16667
487	SIGMA -BE	IT	163-1E	47638	25.76667	----	----	----	----	----	----	*****	*****	----	----	*****	*****
488	MARWADI, TECH-BE	EC	561-16	47639	25.75	----	----	----	----	----	----	----	----	1845	45.41667	71	67.66667
489	ITM, VADODARA-BE	Civil	559-1S	47654	25.61667	----	----	----	----	----	----	----	----	2391	37	278	40.25
490	TAKSHSHILA-BE	Electrical	168-1L	47658	25.6	----	----	----	----	----	----	----	----	----	----	----	----
491	Leads, Matar-BE	Electrical	564-1L	47663	25.56667	----	----	----	----	----	----	----	----	----	----	*****	*****
492	NOBEL, JUNAGADH-BE	Mech-2	161-31	47670	25.51667	----	----	----	----	----	----	*****	*****	----	----	*****	*****
493	IJET, Dharmaj-BE	Computer	565-1D	47671	25.51667	----	----	----	----	----	----	----	----	----	----	*****	*****
494	AMEC, Dhari-BE	Auto	560-11	47676	25.5	----	----	----	----	----	----	----	----	----	----	*****	*****
495	GROWMORE-BE	Electrical	182-1L	47678	25.46667	----	----	----	----	----	----	----	----	----	----	----	----
496	PIET, VAGHODIA-BE	EC	143-16	47692	25.38333	----	----	----	----	----	----	----	----	2884	25.25	231	45.66667
497	MBPWIE, VVNAGAR-MAHILA-BE	Computer	192-1D	47693	25.36667	----	----	----	----	----	----	----	----	----	----	*****	*****
498	MARWADI,ENGG-BE	EC	176-16	47698	25.33333	----	----	----	----	----	----	----	----	2862	26.91667	79	66
499	VIE, KOTAMBI-BE	Computer	173-1D	47717.5	25.16667	----	----	----	----	----	----	----	----	----	----	----	----
500	LAXMI, VALSAD-BE	IT	552-1E	47719	25.13333	----	----	----	----	----	----	*****	*****	2606	33.25	*****	*****

Sr. No.	Institute	Course	IC Code	OPEN		SC		ST		SEBC		DS		CB-OPEN		ISCE-OPEN	
				Rank	M.Mark	Rank	M.Mark	Rank	M.Mark	Rank	M.Mark	Rank	M.Mark	Rank	M.Mark	Rank	M.Mark
DEGREE ENGINEERING COURSES																	
501	KJMET, SAVALI-BE	Civil	183-1S	47721	25.11667	----	----	----	----	----	----	****	****	----	----	****	****
502	SVBIT, UNAVA-BE	IT	172-1E	47724	25.08333	----	----	----	----	----	----	----	----	2393	37	****	****
503	MSCET, VESU-BE	Civil	580-1S	47725	25.08333	----	----	----	----	----	----	----	----	----	----	****	****
504	VVP, RAJKOT-BE	IT	128-1E	47737	24.95	----	----	----	----	----	----	****	****	1678	47.83333	****	****
505	SMIT, BHARUCH-BE	IT	130-1E	47743	24.91667	----	----	----	----	----	----	****	****	2648	32.58333	****	****
506	GIDCDEC, NAVSARI-BE	Electrical	579-1L	47747	24.8	----	----	----	----	----	----	----	----	----	----	****	****
507	VALIA, BHARUCH-BE	Electrical	142-1L	47748	24.8	----	----	----	----	----	----	----	----	----	----	****	****
508	KJMET, SAVALI-BE	Computer	183-1D	47766	24.55	----	----	----	----	----	----	****	****	2253	39.5	****	****
509	KITE, KALOL-BE	IT	149-1E	47789	24.31667	----	----	----	----	----	----	****	****	----	----	****	****
510	SSESGI, KADI-BE	Mech	177-1F	47794	24.21667	----	----	----	----	----	----	----	----	----	209	47.83333	****
511	MERCHANT, BESNA-BE	Civil	165-1S	47801	24.13333	----	----	----	----	----	----	----	----	----	----	****	****
512	Arrdekta, Khedbrahm-BE	Mech	557-1F	47809	23.98333	----	----	----	----	----	----	----	----	----	----	****	****
513	HGCE-ABAD-BE	Computer	153-1D	47810	23.96667	----	----	----	----	----	----	----	----	----	----	338	32.16667
514	MGIT, NAVSARI-BE	EC	145-16	47812.5	23.93333	----	----	----	----	----	----	****	****	----	----	293	38.5
515	TUWA-BE	Civil	178-1S	47815	23.8	----	----	----	----	----	----	----	----	----	----	****	****
516	ADIT, KARMSAD-BE	EC	139-16	47816	23.76667	----	----	----	----	----	----	----	----	1492	50.41667	181	51.25
517	SAMARTH, HIMATNAGAR-BE	Civil	197-1S	47822	23.51667	----	----	----	----	----	----	----	----	----	----	****	****
518	LAXMI, VALSAD-BE	CompSc	552-1C	47825	23.5	----	----	----	----	----	----	****	****	----	----	****	****
519	SATSANGI, VADASMA-BE	Mech	551-1F	47833	23.11667	----	----	----	----	----	----	----	----	----	----	----	----
520	GITS, MOYAD-BE	Mech	191-1F	47837	22.96667	----	----	----	----	----	----	----	----	----	----	----	----
521	SPIT, PILUDARA-BE	Mech-2	181-31	47842	22.91667	----	----	----	----	----	----	----	----	----	----	****	****
522	MSCET, VESU-BE	Electrical	580-1L	47845	22.61667	----	----	----	----	----	----	****	****	----	----	----	----
523	AMEC, Dhari-BE	Electrical	560-1L	47849	22.56667	----	----	----	----	----	----	----	----	----	----	****	****
524	BMCET, SUART-BE	EC	156-16	47851.5	22.21667	----	----	----	----	----	----	****	****	----	----	----	----
525	ITM, VADODARA-BE	Mech	559-1F	VAC	VAC	----	----	----	----	----	----	****	****	1076	56.66667	****	****
526	KIT, JAMNAGAR -BE	Chemical	162-1W	VAC	VAC	----	----	----	----	----	----	----	----	1810	45.91667	****	****
527	SABAR-MAHILA-BE	Elect&Electro	175-1M	VAC	VAC	----	----	----	----	----	----	----	----	1935	44.08333	****	****
528	Hansaba, Patan-BE	Mech	562-1F	VAC	VAC	----	----	----	----	----	----	----	----	2222	39.91667	****	****
529	GPERI, Mevad-BE	Computer	568-1D	VAC	VAC	----	----	----	----	----	----	----	----	2236	39.75	****	****
530	BHGARDI -BE	CompSc	155-1C	VAC	VAC	----	----	----	----	----	----	****	****	2320	38.16667	****	****
531	GROWMORE-BE	Elect&Electro	182-1M	VAC	VAC	----	----	----	----	----	----	----	----	2340	37.91667	****	****
532	IJET, Dharmaj-BE	Mech	565-1F	VAC	VAC	----	----	----	----	----	----	****	****	2370	37.41667	****	****
533	CUSHAH, WADHWAN-BE	Elect&Electro	133-1M	VAC	VAC	----	----	----	----	----	----	----	----	2371	37.41667	****	****
534	UNIVERSAL -BE	IT	160-1E	VAC	VAC	----	----	----	----	----	----	----	----	2413	36.66667	****	****
535	ITM, VADODARA-BE	EC	559-16	VAC	VAC	----	----	----	----	----	----	****	****	2423	36.5	----	----
536	KJMET, SAVALI-BE	IT	183-1E	VAC	VAC	----	----	----	----	----	----	----	----	2442	36.16667	****	****
537	PARUL2, VAGHODIA-BE	EC	195-16	VAC	VAC	----	----	----	----	----	----	****	****	2459	35.83333	****	****
538	VVP, RAJKOT-BE	Bio-Tech	128-14	VAC	VAC	----	----	----	----	----	----	****	****	2515	34.91667	****	****
539	SUBHASH, JUNAGADH-BE	IT	196-1E	VAC	VAC	----	----	----	----	----	----	----	----	2578	33.75	****	****
540	GIT, G.NAGAR-BE	EC	152-16	VAC	VAC	----	----	----	----	----	----	----	----	2654	32.41667	****	****
541	SAFFRONY-BE	Computer	150-1D	VAC	VAC	----	----	----	----	----	----	----	----	2688	31.83333	****	****
542	VALIA, BHARUCH-BE	Computer	142-1D	VAC	VAC	----	----	----	----	----	----	****	****	2697	31.58333	****	****
543	VIE, KOTAMBI-BE	EC	173-16	VAC	VAC	----	----	----	----	----	----	----	----	2781	29.33333	****	****
544	ALPHA, KALOL-BE	EC	164-16	VAC	VAC	----	----	----	----	----	----	****	****	2791	29.08333	----	----
545	GROWMORE-BE	IT	182-1E	VAC	VAC	----	----	----	----	----	----	****	****	2809	28.41667	****	****
546	Shroff, BHARUCH-BE	Env.Sc.Tech.	563-71	VAC	VAC	----	----	----	----	----	----	****	****	2823	28.16667	****	****
547	OMSHANTI -BE	CompSc	158-1C	VAC	VAC	----	----	----	----	----	----	----	----	2878	25.5	****	****
548	JMSabva, BOTAD-BE	Mech	569-1F	VAC	VAC	----	----	----	----	----	----	----	----	2887	25.16667	----	----
549	SABAR-MAHILA-BE	EC	175-16	VAC	VAC	----	----	----	----	----	----	----	----	----	165	53	----
550	BMCET, SUART-BE	Electronics	156-1A	VAC	VAC	----	----	----	----	----	----	****	****	----	----	204	48.83333
551	UVPCE, MEHSANA-BE	EC	131-16	VAC	VAC	----	----	----	----	----	----	----	----	----	217	47	----
552	SMIT, BHARUCH-BE	Electro&Tele	130-1B	VAC	VAC	----	----	----	----	----	----	****	****	----	----	218	46.83333
553	AMEC, Dhari-BE	Mecha	560-1H	VAC	VAC	----	----	----	----	----	----	****	****	----	----	267	41.75
554	VENUS-BE	CompSc	180-1C	VAC	VAC	----	----	----	----	----	----	----	----	----	288	39.16667	----
555	VENUS-BE	EC	180-16	VAC	VAC	----	----	----	----	----	----	****	****	----	----	355	29.33333
556	GEC, BHUJ-BE	EC	106-16	VAC	VAC	----	----	----	----	----	----	----	----	----	----	----	----
557	GEC, BHUJ-BE	Environ	106-1U	VAC	VAC	----	----	----	----	----	----	----	----	----	----	----	----
558	GEC, PALANPUR-BE	Mining	119-1P	VAC	VAC	----	----	----	----	----	----	****	****	----	----	----	----
559	VVP, RAJKOT-BE	EC	128-16	VAC	VAC	----	----	----	----	----	----	----	----	----	----	----	----
560	SKPCE, VISNAGAR-BE	EC	135-16	VAC	VAC	----	----	----	----	----	----	----	----	----	----	----	----
561	ATMIYA, RAJKOT-BE	EC	137-16	VAC	VAC	----	----	----	----	----	----	----	----	----	----	----	----
562	RKU, RAJKOT-BE	EC	151-16	VAC	VAC	----	----	----	----	----	----	----	----	----	----	----	----
563	BHGARDI -BE	EC	155-16	VAC	VAC	----	----	----	----	----	----	****	****	----	----	----	----
564	OMSHANTI -BE	EC	158-16	VAC	VAC	----	----	----	----	----	----	****	****	----	----	----	----
565	KIT, JAMNAGAR -BE	EC	162-16	VAC	VAC	----	----	----	----	----	----	----	----	----	----	----	----
566	TAKSHSHILA-BE	Computer	168-1D	VAC	VAC	----	----	----	----	----	----	----	----	----	----	----	----
567	GKBIE, RAJKOT-BE	Computer	169-1D	VAC	VAC	----	----	----	----	----	----	----	----	----	----	----	----
568	SSESGI, KADI-BE	Computer	177-1D	VAC	VAC	----	----	----	----	----	----	----	----	----	----	----	----
569	SPIT, PILUDARA-BE	Computer	181-1D	VAC	VAC	----	----	----	----	----	----	----	----	----	----	----	----
570	MBPWIE, VVNAGAR-MAHILA-BE	CompSc	192-1C	VAC	VAC	----	----	----	----	----	----	----	----	----	----	----	----
571	CIPET, AHMEDABAD-BE	Plastic	193-1X	VAC	VAC	----	----	----	----	----	----	----	----	----	----	----	----
572	HJD, KERA-BE	EC	198-16	VAC	VAC	----	----	----	----	----	----	----	----	----	----	----	----

Sr. No.	Institute	Course	IC_Code	OPEN		SC		ST		SEBC		DS		CB-OPEN		ISCE-OPEN	
				Rank	M.Mark	Rank	M.Mark	Rank	M.Mark	Rank	M.Mark	Rank	M.Mark	Rank	M.Mark	Rank	M.Mark
DEGREE ENGINEERING COURSES																	
573	Veerayatan, Mandvi-BE	Computer	556-1D	VAC	VAC	----	----	----	----	----	----	----	----	----	----	----	----
574	Arrdektea, Khedbrahm-BE	Computer	557-1D	VAC	VAC	----	----	----	----	----	----	****	****	----	----	----	----
575	AMEC, Dhari-BE	Electro&Tele	560-1B	VAC	VAC	----	----	----	----	----	----	----	----	----	----	----	----
576	Hansaba, Patan-BE	EC	562-16	VAC	VAC	----	----	----	----	----	----	----	----	----	----	----	----
577	Leads, Matar-BE	Computer	564-1D	VAC	VAC	----	----	----	----	----	----	----	----	----	----	----	----
578	IJET, Dharmaj-BE	EC	565-16	VAC	VAC	----	----	----	----	----	----	----	----	----	----	----	----
579	OMIT, Shahera-BE	Computer	567-1D	VAC	VAC	----	----	----	----	----	----	----	----	----	----	----	----
580	SPNVTC, WADHWAN-BE	Electrical	572-1L	VAC	VAC	----	----	----	----	----	----	----	----	----	----	----	----
581	BALAJI, MAKHIYALA-BE	EC	578-16	VAC	VAC	----	----	----	----	----	----	----	----	----	----	----	----
582	CUSHAH, WADHWAN-BE	EC	133-16	VAC	VAC	----	----	----	----	----	----	----	----	----	----	****	****
583	CUSHAH, WADHWAN-BE	IT	133-1E	VAC	VAC	----	----	----	----	----	----	****	****	----	----	****	****
584	SKPCE, VISNAGAR-BE	IT	135-1E	VAC	VAC	----	----	----	----	----	----	****	****	----	----	****	****
585	LCIT, BHANDU-BE	EC	141-16	VAC	VAC	----	----	----	----	----	----	----	----	----	----	****	****
586	VALIA, BHARUCH-BE	EC	142-16	VAC	VAC	----	----	----	----	----	----	----	----	----	----	****	****
587	BIT,VADODAR-BE	Civil	144-1S	VAC	VAC	----	----	----	----	----	----	----	----	----	----	****	****
588	KITE, KALOL-BE	EC	149-16	VAC	VAC	----	----	----	----	----	----	****	****	----	----	****	****
589	SAFFRONY-BE	EC	150-16	VAC	VAC	----	----	----	----	----	----	----	----	----	----	****	****
590	SAFFRONY-BE	IT	150-1E	VAC	VAC	----	----	----	----	----	----	****	****	----	----	****	****
591	HGCE-ABAD-BE	EC	153-16	VAC	VAC	----	----	----	----	----	----	----	----	----	----	****	****
592	BHGARDI -BE	IT	155-1E	VAC	VAC	----	----	----	----	----	----	----	----	----	----	****	****
593	BHGARDI -BE	CompSc-2	155-37	VAC	VAC	----	----	----	----	----	----	----	----	----	----	****	****
594	OMSHANTI -BE	IT	158-1E	VAC	VAC	----	----	----	----	----	----	----	----	----	----	****	****
595	VIDHYABHARTI -BE	EC	159-16	VAC	VAC	----	----	----	----	----	----	----	----	----	----	****	****
596	UNIVERSAL -BE	EC	160-16	VAC	VAC	----	----	----	----	----	----	----	----	----	----	****	****
597	UNIVERSAL -BE	Computer	160-1D	VAC	VAC	----	----	----	----	----	----	----	----	----	----	****	****
598	NOBEL, JUNAGADH-BE	EC	161-16	VAC	VAC	----	----	----	----	----	----	****	****	----	----	****	****
599	NOBEL, JUNAGADH-BE	CompSc	161-1C	VAC	VAC	----	----	----	----	----	----	----	----	----	----	****	****
600	NOBEL, JUNAGADH-BE	IT	161-1E	VAC	VAC	----	----	----	----	----	----	****	****	----	----	****	****
601	KIT, JAMNAGAR -BE	CompSc	162-1C	VAC	VAC	----	----	----	----	----	----	****	****	----	----	****	****
602	SIGMA -BE	EC	163-16	VAC	VAC	----	----	----	----	----	----	****	****	----	----	****	****
603	ALPHA, KALOL-BE	IT	164-1E	VAC	VAC	----	----	----	----	----	----	----	----	----	----	****	****
604	MERCHANT, BESNA-BE	EC	165-16	VAC	VAC	----	----	----	----	----	----	****	****	----	----	****	****
605	MERCHANT, BESNA-BE	Computer	165-1D	VAC	VAC	----	----	----	----	----	----	----	----	----	----	****	****
606	DARSHAN, RAJKOT-BE	EC	166-16	VAC	VAC	----	----	----	----	----	----	----	----	----	----	****	****
607	TAKSHSHILA-BE	EC	168-16	VAC	VAC	----	----	----	----	----	----	****	****	----	----	****	****
608	TAKSHSHILA-BE	IT	168-1E	VAC	VAC	----	----	----	----	----	----	****	****	----	----	****	****
609	GKBIE, RAJKOT-BE	EC	169-16	VAC	VAC	----	----	----	----	----	----	----	----	----	----	****	****
610	GKBIE, RAJKOT-BE	IT	169-1E	VAC	VAC	----	----	----	----	----	----	****	****	----	----	****	****
611	SRPATEL, DABHI-BE	Computer	170-1D	VAC	VAC	----	----	----	----	----	----	****	****	----	----	****	****
612	SVBIT, UNAVA-BE	EC	172-16	VAC	VAC	----	----	----	----	----	----	----	----	----	----	****	****
613	VIE, KOTAMBI-BE	IT	173-1E	VAC	VAC	----	----	----	----	----	----	****	****	----	----	****	****
614	SALITER, Abad-BE	EC	174-16	VAC	VAC	----	----	----	----	----	----	----	----	----	----	****	****
615	SABAR-MAHILA-BE	IT	175-1E	VAC	VAC	----	----	----	----	----	----	****	****	----	----	****	****
616	SABAR-MAHILA-BE	IC	175-1R	VAC	VAC	----	----	----	----	----	----	****	****	----	----	****	****
617	SSESGI, KADI-BE	EC	177-16	VAC	VAC	----	----	----	----	----	----	****	****	----	----	****	****
618	SSESGI, KADI-BE	Elect&Electro	177-1M	VAC	VAC	----	----	----	----	----	----	****	****	----	----	****	****
619	SSESGI, KADI-BE	Civil-2	177-52	VAC	VAC	----	----	----	----	----	----	----	----	----	----	****	****
620	TUWA-BE	EC	178-16	VAC	VAC	----	----	----	----	----	----	----	----	----	----	****	****
621	TUWA-BE	Computer	178-1D	VAC	VAC	----	----	----	----	----	----	****	****	----	----	****	****
622	VENUS-BE	Elect&Electro	180-1M	VAC	VAC	----	----	----	----	----	----	----	----	----	----	****	****
623	SPIT, PILUDARA-BE	EC	181-16	VAC	VAC	----	----	----	----	----	----	----	----	----	----	****	****
624	SPIT, PILUDARA-BE	Auto	181-1I	VAC	VAC	----	----	----	----	----	----	----	----	----	----	****	****
625	GROWMORE-BE	Computer	182-1D	VAC	VAC	----	----	----	----	----	----	****	****	----	----	****	****
626	KJET, SAVALI-BE	EC	183-16	VAC	VAC	----	----	----	----	----	----	****	****	----	----	****	****
627	GITS, MOYAD-BE	Electrical	191-1L	VAC	VAC	----	----	----	----	----	----	----	----	----	----	****	****
628	MBPWIE, VVNAGAR-MAHILA-BE	EC	192-16	VAC	VAC	----	----	----	----	----	----	----	----	----	----	****	****
629	MBPWIE, VVNAGAR-MAHILA-BE	Info&Comm	192-17	VAC	VAC	----	----	----	----	----	----	----	----	----	----	****	****
630	CIPET, AHMEDABAD-BE	Manufact	193-1T	VAC	VAC	----	----	----	----	----	----	****	****	----	----	****	****
631	PARUL2, VAGHODIA-BE	Mech	195-1F	VAC	VAC	----	----	----	----	----	----	----	----	----	----	****	****
632	PARUL2, VAGHODIA-BE	Electrical	195-1L	VAC	VAC	----	----	----	----	----	----	----	----	----	----	****	****
633	PARUL2, VAGHODIA-BE	Mech-2	195-31	VAC	VAC	----	----	----	----	----	----	----	----	----	----	****	****
634	SUBHASH, JUNAGADH-BE	EC	196-16	VAC	VAC	----	----	----	----	----	----	****	****	----	----	****	****
635	SAMARTH, HIMATNAGAR-BE	EC	197-16	VAC	VAC	----	----	----	----	----	----	****	****	----	----	****	****
636	SAMARTH, HIMATNAGAR-BE	CompSc	197-1C	VAC	VAC	----	----	----	----	----	----	----	----	----	----	****	****
637	HJD, KERA-BE	CompSc	198-1C	VAC	VAC	----	----	----	----	----	----	****	****	----	----	****	****
638	HJD, KERA-BE	Electrical	198-1L	VAC	VAC	----	----	----	----	----	----	----	----	----	----	****	****
639	TATVA, MODASA-BE	EC	199-16	VAC	VAC	----	----	----	----	----	----	****	****	----	----	****	****
640	TATVA, MODASA-BE	IT	199-1E	VAC	VAC	----	----	----	----	----	----	----	----	----	----	****	****
641	SATSANGI, VADASMA-BE	EC	551-16	VAC	VAC	----	----	----	----	----	----	****	****	----	----	****	****
642	SATSANGI, VADASMA-BE	CompSc	551-1C	VAC	VAC	----	----	----	----	----	----	****	****	----	----	****	****
643	SATSANGI, VADASMA-BE	Auto	551-1I	VAC	VAC	----	----	----	----	----	----	****	****	----	----	****	****
644	SATSANGI, VADASMA-BE	Civil	551-1S	VAC	VAC	----	----	----	----	----	----	----	----	----	----	****	****

Sr. No.	Institute	Course	IC_Code	OPEN		SC		ST		SEBC		DS		CB-OPEN		ISCE-OPEN	
				Rank	M.Mark	Rank	M.Mark	Rank	M.Mark	Rank	M.Mark	Rank	M.Mark	Rank	M.Mark	Rank	M.Mark
DEGREE ENGINEERING COURSES																	
645	JIVRAJMEHTA,ANAND-BE	EC	553-16	VAC	VAC	----	----	----	----	----	----	****	****	----	----	****	****
646	LTJET, RAJKOT-BE	EC	554-16	VAC	VAC	----	----	----	----	----	----	----	----	----	----	****	****
647	LTJET, RAJKOT-BE	CompSc	554-1C	VAC	VAC	----	----	----	----	----	----	****	****	----	----	****	****
648	Veerayatan, Mandvi-BE	EC	556-16	VAC	VAC	----	----	----	----	----	----	----	----	----	----	****	****
649	Veerayatan, Mandvi-BE	IT	556-1E	VAC	VAC	----	----	----	----	----	----	----	----	----	----	****	****
650	Veerayatan, Mandvi-BE	Civil	556-1S	VAC	VAC	----	----	----	----	----	----	****	****	----	----	****	****
651	Veerayatan, Mandvi-BE	Chemical	556-1W	VAC	VAC	----	----	----	----	----	----	****	****	----	----	****	****
652	Arrdekt, Khedbrahm-BE	EC	557-16	VAC	VAC	----	----	----	----	----	----	****	****	----	----	****	****
653	Arrdekt, Khedbrahm-BE	Electrical	557-1L	VAC	VAC	----	----	----	----	----	----	----	----	----	----	****	****
654	Vidhyadeep, Kim-BE	EC	558-16	VAC	VAC	----	----	----	----	----	----	****	****	----	----	****	****
655	AMEC, Dhari-BE	Computer	560-1D	VAC	VAC	----	----	----	----	----	----	----	----	----	----	****	****
656	Hansaba, Patan-BE	Civil	562-1S	VAC	VAC	----	----	----	----	----	----	****	****	----	----	****	****
657	Leads, Matar-BE	EC	564-16	VAC	VAC	----	----	----	----	----	----	****	****	----	----	****	****
658	OMEC, Junagadh-BE	Computer	566-1D	VAC	VAC	----	----	----	----	----	----	----	----	----	----	****	****
659	OMIT, Shahera-BE	EC	567-16	VAC	VAC	----	----	----	----	----	----	----	----	----	----	****	****
660	JMSabva, BOTAD-BE	EC	569-16	VAC	VAC	----	----	----	----	----	----	****	****	----	----	****	****
661	JMSabva, BOTAD-BE	Computer	569-1D	VAC	VAC	----	----	----	----	----	----	****	****	----	----	****	****
662	JMSabva, BOTAD-BE	Electrical	569-1L	VAC	VAC	----	----	----	----	----	----	----	----	----	----	****	****
663	JMSabva, BOTAD-BE	Civil	569-1S	VAC	VAC	----	----	----	----	----	----	****	****	----	----	****	****
664	SPNVTC, WADHWAN-BE	Computer	572-1D	VAC	VAC	----	----	----	----	----	----	****	****	----	----	****	****
665	AMIRAJ, SANAND-BE	EC	573-16	VAC	VAC	----	----	----	----	----	----	****	****	----	----	****	****
666	SALCE, ABAD-BE	EC	574-16	VAC	VAC	----	----	----	----	----	----	----	----	----	----	****	****
667	PACIFIC, SURAT-BE	CompSc	575-1C	VAC	VAC	----	----	----	----	----	----	----	----	----	----	****	****
668	SCET, KALOL-BE	Computer	577-1D	VAC	VAC	----	----	----	----	----	----	****	****	----	----	****	****
669	BALAJI, MAKHIYALA-BE	Computer	578-1D	VAC	VAC	----	----	----	----	----	----	****	****	----	----	****	****
670	BALAJI, MAKHIYALA-BE	Electrical	578-1L	VAC	VAC	----	----	----	----	----	----	****	****	----	----	****	****
671	GIDCDEC, NAVSARI-BE	Computer	579-1D	VAC	VAC	----	----	----	----	----	----	----	----	----	----	****	****

Note:

- VAC Vacant Seats
- Conversion
- **** No Allocation of Seats

12. LIST OF HELP CENTERS

Help Line Number : 079-26855444

SR. NO.	COLLEGE NAME AND ADDRESS	DISTRICT
Central Zone I		
1	Alpha College of Engineering & Technology, Ahmedabad* 3rd Floor, Shreeji Complex, Above Haresh Dudhia, Near Swaminarayan Gurukul, B/s. Oxford Tower, Gurukul, Ahmedabad	Ahmedabad
2	Government Polytechnic for Girls, Ahmedabad Opp.P.R.L., Nr.L.D.College of Engg., Navrangpura, Ahmedabad-380015	Ahmedabad
3	Government Science College, Maninagar K.K. Shashtri Edu. Campus, Khokhara Road, Maninagar(E), Ahmedabad	Ahmedabad
4	L.D.College of Engineering, Ahmedabad (Only for CBSE/ISCE/IB & Outside Gujarat Candidates) Navrangpura, Ahmedabad-380015	Ahmedabad
5	Silver Oak College of Engineering & Technology, Ahmedabad Opp.Bhagwat Vidhyapith, Nr.Gota Cross Road, Ahmedabad-382481	Ahmedabad
6	Smt. S. M. Shah Pharmacy College, Ahmedabad* Bai Jivkor Lallubhai Trust, Near Rambaug Police Station, Maninagar, Ahmedabad-380008	Ahmedabad
7	Vishwakarma Government Engineering College, Chandkheda Nr.Visat Petrol Pump, Sabarmati -Gandhinagar Higway, Ahmedabad	Ahmedabad
8	Government Engineering College, Bhavnagar Near BPTI, Vidyanagar, Bhavnagar-364002	Bhavnagar
9	Shri J.M.Sabva Institute of Engineering & Technology, Botad* Aradhana Educational Campus, Bhavnagar Road, Botad-364710, Dist.:Bhavnagar	Bhavnagar
10	Government Engineering College, Gandhinagar Nr Animal Vaccine Institute, Sector-28, Gandhinagar	Gandhinagar
11	Kalol Institute of Technology & Research Center, Kalol B/h Old Janpath Hotel, National Highway, Kalol	Gandhinagar
12	LDRP Institute of Technology & Research, Gandhinagar Near ITI, Kh-5 circle, Sector-15, Gandhinagar	Gandhinagar
13	C.U.Shah College of Engineering & Technology, Wadhwan Surendranagar-Ahmedabad State Highway, Nr.Kothariya Village, Wadhwanacity	Surendranagar
14	Shree Pandit Nathulalji Vyas Technical Campus, Surendranagar* C/O Euro Kids Campus, Jain Hind Society Corner, Jintan Road, Surendranagar, Pincode- 363001	Surendranagar
Central Zone II		
1	Anand Pharmacy College, Anand Opp.Town Hall, Anand-388001	Anand
2	BVM Engineering College, Vallabh Vidyanagar Opp. Shastri ground , CVM Campus, Vallabh Vidyanagar -388120, Dist:Anand	Anand
3	Ipcowala Institute of Engineering & Technology, Dharmaj* Amrapali Township, Petlad-Khambhat Road, Dharmaj	Anand
4	Government Engineering College, Dahod Jhalod Road, Dahod- 389151	Dahod

SR. NO.	COLLEGE NAME AND ADDRESS	DISTRICT
5	Faculty of Technology, Dharmsinh Desai University, Nadiad College Road, Nadiad-387001	Kheda
6	Government Engineering College, Godhra Village Nasirpur, P.O. Govindi, Godhra-Lunavada Road, Godhra - 389001	Panchmahal
7	Om Institute of Technology, Panchmahal* Village: Vantavachhoda, Tal.: Shahera, Dist.: Panchmahal	Panchmahal
8	Babaria Institute of Technology, Vadodara* BITS edu Campus, Vadodara - Mumbai NH #8, Varnama - 391240, Vadodara	Vadodara
9	Faculty of Technology & Engineering, MSU, Baroda Kalabhavan, Rajmahel Road, Vadodara- 390001	Vadodara
10	Government Polytechnic, Chhotaudepur Fatepura-Baroda Highway, Pin-391165	Vadodara
11	ITM Universe, Vadodara Skylark Conference Hall, Ground Floor, Rosary Church, Pratapgunj, Vadodara-390002	Vadodara
12	K. J. Institute of Engineering & Technology Shop No. 8-9, Suryakiran Complex, Beside Banker Heart Hospital, Manisha Char Rasta, Old Padra Road, Vadodara-390015.	Vadodara
13	Parul Institute of Engineering & Technology, Vadodara Roshani Technology Park, 11B, Bhavani, Nr. Karelibaug Water Tank, Karelibaug, Vadodara-390018	Vadodara
14	Sigma Institute of Engineering, Bakrol Navjivan High School, At: Bagikhana, Near Polo Ground, Vadodara: 390001	Vadodara
North Zone		
1	Government Engineering College, Palanpur Ahmedabad-Palanpur Highway, At:Jagana, Taluka:Palanpur	Banaskantha
2	Faculty of Engineering, Shree Saraswati Education Sansthan's Group of Institutions* At. & Po. Rajpur, Ta.Kadi, Dist.Mehsana	Mehsana
3	Sakalchand Patel College of Engineering, Visnagar Sankalchand Patel Sahakar Vidyadham, Gandhinagar - Ambaji State Highway Link Road, Visnagar - 384315	Mehsana
4	Shri Sarvajanik Pharmacy College, Mehsana Near Arvind Baug, Mehsana	Mehsana
5	Smt. S.R.Patel Engineering College, Unjha* Dabhi, Unjha, At.& Po. - Dabhi,Ta:-Unjha, Dist:- Mehsana	Mehsana
6	Government Engineering College, Patan At & Post : Katpur,Taluka : Patan, PIN - 384265	Patan
7	Hansaba College of Engineering & Technology, Siddhpur* Opp-IOC Depot State Highway, Sujanpur Patia, Siddhpur- 384151	Patan
8	APMC College of Pharmaceutical Education & Research, Himmatnagar* College campus, Motipura, Himmatnagar-383001	Sabarkantha
9	Arrdekta Institute of Technology, Khedbrahma* On Ahmedabad-Ambaji State Highway No. - 09, At & Po. Navi Metral, Tal. Khedbrahma, Dist. Sabarkantha	Sabarkantha

SR. NO.	COLLEGE NAME AND ADDRESS	DISTRICT
10	Grow More Faculty of Engineering, Himmatnagar* Grow More Group of Institutions, Ahmedabad-Udaipur Highway, Himmatnagar, Dist. Sabarkantha-383001	Sabarkantha
11	Government Engineering College, Modasa Shamalaji Road, Modasa-383315, Dist : Sabarkantha	Sabarkantha
12	I.K.Patel College of Pharmaceutical Education & Research, Himmatnagar At Samarth Campus, Opp. Sabar Dairy, N.H. 08, Hajipur, Himmatnagar, Sabarkantha- 383120	Sabarkantha
13	Tatva Institute of Technological Studies, Modasa Near Karma Petrol pump, Modasa-Shamlaji Road, Modasa-Sabarkantha-383315	Sabarkantha
South Zone		
1	Government Engineering College, Bharuch Old N.H. 8, Bholav, Bharuch	Bharuch
2	Shri Sad' Vidyamandal Institute Of Technology, Bharuch College Campus, Old National Highway No.8, Bharuch	Bharuch
3	Government Polytechnic-Waghai-Dang Rajendrapur Village, Waghai, Ta.-Ahwa,Dist.-Dang	Dang
4	Shree Swaminarayan Pharmacy College, Kevadia Colony Near SRP-Group-14, Tanakhala Road, Kevadia Colony-393151, Ta. Nandod, Dist. Narmada	Narmada
5	Mahatma Gandhi Institute of Technical Education and Research Center, Navsari NPE Campus, Bhanunagar, Eru-Aat Road, Post-Bhutsad, Ta-Jalalpore, Dist. Navsari-396450	Navsari
6	Chhotubhai Gopalbhai Patel Institute of Tech., Tarsadi, Bardoli Maliba Campus, Gopal Vidyanagar, Bardoli-Mahuva Road, Bardoli, Dist.:Surat	Surat
7	Faculty of Engineering, Technology & Research (FETR), Bardoli* At : Isroli PO : Afwa, Bardoli- Navsari Road, Tal.: Bardoli, Dist: Surat-394 620	Surat
8	Dr.S. & S.S. Ghandhy Government Engineering College, Surat Ring Road, Opp. R.T.O. Majura Gate, Surat-395001	Surat
9	Sarvajanik College of Engineering & Technology, Surat Dr. R.K. Desai Marg, Opp. Mission Hospital, Athwalines, Surat - 395001	Surat
10	Shree Dhanvantary Pharmacy College, Kim* Nr. Railway Station, Kudsad Road, Kim (E), Tal.-Olpad, Dist.-Surat	Surat
11	Shree Swami Atmanand Saraswati Institute of Technology, Surat Shree Swami Atmanand Saraswati Vidya Sankul, Kapodra, Varachha Road, Surat-395006	Surat
12	Shri Sitarambhai Naranji Patel Institute of Technology & Research Center, Umrahk* Vidyabharti Campus, Bardoli Mota Road, Tal.Bardoli, Dist.-Surat	Surat
13	Government Engineering College, Valsad Between B.K.M. science college and Govt. Polytechnic, Tithal Road, Valsad -396001	Valsad
14	Laxmi Institute of Technology, Valsad* C/o LaxmiVidyapeeth, Post Bag No. 15,Sarigam P. O., Valsad - 396155	Valsad

SR. NO.	COLLEGE NAME AND ADDRESS	DISTRICT
15	Rofel Shri G.M.Bhilakiya College of Pharmacy, Vapi Rofel Campus, Namdha Road, Vapi	Valsad
West Zone		
1	Smt. Champaben Vasantbhai Gajera Pharmacy Mahila College, Amreli Smt. Shantaben Haribhai Gajera Shaikshanik Sankul, Chakkargadh Road, Amreli-365601	Amreli
2	Govt. Polytechnic, Jamnagar Valsura Road, Post - Bedi, Jamnagar - 361009	Jamnagar
3	Dr. Subhash Technical Campus-Junagadh Dr. Subhash Road, Near Khamdhrol Railway Crossing Road, Junagadh-362001	Junagadh
4	Narandas Jethalal Sonecha Management & Technical Institute, Chanduvav Opp. Reliance Petrol Pump, NH-8D, Veraval-Junagadh Highway, At.: Chanduvav, Ta: Veraval, Dist: Junagadh	Junagadh
5	N. R. Vekaria Institute of Pharmacy, Junagadh* Bilkha Road, CL College Campus, Junagadh	Junagadh
6	Noble Engineering College, Junagadh "Parth Vatika", Junagadh - Bhesan Road, Bamangam, Dist.: Junagadh	Junagadh
7	Om Engineering College, Junagadh* Junagadh-Bhesan Road, At Chokali, Junagadh, Pin Code: 362310	Junagadh
8	Government Engineering College, Bhuj New Ravalwadi Relocation Site, Near Uma Nagar, Bhuj - Kutch	Kutch
9	Government Polytechnic, Porbandar Opp. Airport, National Highway 27, Porbandar-360577	Porbandar
10	Atmiya Institute of Technology & Science, Rajkot Yogidham Gurukul, Kalawad Road, Rajkot - 360005	Rajkot
11	B. H. Gardi College of Engineering and Technology, Rajkot* CAD Center, 2nd Floor, Silver Coin Complex, Toral Park Main Road, Opp. Prashil Park, University Road, Rajkot	Rajkot
12	Government Engineering College, Rajkot Nr. Hanuman Temple, Mavdi-Kankot Road, Rajkot	Rajkot
13	Lukhdhirji Engineering College, Morbi Sama Kantha, Morbi-2	Rajkot
14	Marwadi Education Foundation's Group of Institution, Rajkot* Marwadi Shares & Finance Limited, Near Kathiawad Gymkhana, Dr. Radhakrishna Road, Opp: Rajkumar College, Rajkot	Rajkot
15	School of Engineering, RK University, Rajkot* RK Physiotherapy Center, Opp. Meghani Rang Bhavan, Bhaktinagar Circle, Rajkot-360002	Rajkot

Note : * Voluntary Help Center

13. LIST OF BANK BRANCHES

Punjab National Bank

Sr.No.	Name of Branch	Postal Address
1	Ahmedabad, Ambawadi	Harikrupa Tower, Opp. Guj College Ground, Ellisbridge, Ahmedabad-380006.
2	Ahmedabad, Bapunagar	Mahalaxi Diamond Factory Building, Nr. Swaminarayan Mandir, Bapunagar, Ahmedabad.
3	Ahmedabad, Bodakdev	Super Plaza Building, Sandesh Press Road, Bodakdev, Ahmedabad.
4	Ahmedabad, Chandkheda	7-10, Gr. Floor, Sarjan II, Opp. Janta Nagar, 100ft Ring Road, Chandkheda, Ahmedabad-382024.
5	Ahmedabad, Gota	411/1, Nr. Bhavik Publication, Sarkhej-Gandhinagar Road, Gota, Ahmedabad.
6	Ahmedabad, Maninagar (E)	Maninagar, Ahmedabad-380008.
7	Ahmedabad, Memnagar	Subhash Chowk, Memnagar, Ahmedabad.
8	Ahmedabad, Navrangpura	1B,1st Floor, Aarambh Complex, Swastik Society, Stadium Road, Navrangpura, Ahmedabad-380009.
9	Ahmedabad, Nawa Wadaj	7, Shivalik Yash Complex, Opp. Shastry Nagar BRTC Bus Stop, Naranpura, Ahmedabad-380013.
10	Ahmedabad, Odhav	Odhav Road, Ahmedabad-382415.
11	Ahmedabad, Paldi	Ashirwad Complex, Near SBI, Mahalaxmi, Paldi, Ahmedabad-380 007.
12	Ahmedabad, Relief Road	Ambica Center, Pathatkuwa, Ahmedabad-380001.
13	Ahmedabad, S. G. Road	G-3, Tower B, Shapth IV, Nr. Ananddham Jain Mandir, S. G. Highway, Ahmedabad.
14	Ahmedabad, Satellite	Ashapoorna Complex, Opp. Shyamal Row House, Satellite, Ahmedabad.
15	Ahmedabad, Shahibaug	Opp. Hathi Singh-ni-Wadi, Shahibaug, Ahmedabad.
16	Ahmedabad, Vanijya Bhavan	Opp. D. B. School, Kankaria, Ahmedabad-380022.
17	Ahwa - Dang	C. R. to Farmers Training Hall, District Panchayat, Dang-Ahwa.
18	Amreli	Tower Road, Amreli-365601.
19	Anand	Station Road, Anand-388001.
20	Ankleshwar	Station Road, Ankleshwar-393001.
21	Bardoli	Ground Floor , Nagin Desai Street, Nr. Railway Station, Bardoli.
22	Bavla	Bavla Bazar, Bavla-382220.
23	Bharuch, Sonri Mehal	Lallu Bhai Chakla, Bharuch-392001.
24	Bhavnagar, Main	Opp. Bhidbhanjan Mahadev Mandir, Ramvadi, Bhavnagar-364001.
25	Bhuj, Kutch	Station Road, Bhuj Kutch-370001.
26	Bilimora	Jawahar Chowk, Bilimora-396331.
27	Cambay (Khambhat)	Opp. Sardar Tower , Cambay-388620.
28	Dabhoi	Lal Bazar , Manapur Chakla, Dabhoi-391110.
29	Dahod	Ground Floor, Durga Mills Compound, Gadi Road, Govind Nagar Road, Opp. Labana Hospital, Central Park, Dahod.
30	Daman	Sai Krishna Apartments, Devka-Daman Road, Daman.
31	Deesa	Opp. Deesa Sports Club, Gayatri Mandir Road, Deesa, Dist. Banaskantha.
32	Dhrangdhra	Zala Road, Dhrangdhara, Dist. Surendranagar-363310.
33	Dwarka	CS No. 1166-A & 1165, Jodha Navik Road, Dwarka, Taluka Okha.
34	Gandhidham	77, Sector 9, Gandhidham-370201.
35	Gandhinagar	Sector-16, GH-4, Gandhinagar-382016
36	Godhra	Ground Floor, Gurukrupa Complex, Nr. LIC, Chitra Road, Godhra.
37	Himatnagar	1st Floor, Mahalaxmi Chamber, Opp. Town Police Station, Himatnagar-383001.
38	Jamnagar, Main	Ranjit Road, Jamnagar-361001.
39	Junagadh	Danapith, Junagadh.

Sr.No.	Name of Branch	Postal Address
40	Kadi	1, Snehkunj Society, Thol Road, Kadi-382715.
41	Kalol	Shop No. 12 & 13, Navjivan Bazar, Navjivan Mill Compound, Kalol.
42	Kapadwanj	Gandhi Chowk, Kapadwanj-387620.
43	Limdi	Green Chawk, Limbdi-363421.
44	Mandvi, Kutch	Bander Road, Mandvi, Kutch-370465.
45	Mehsana	Madhuvan Complex, Mehsana-384001.
46	Morbi	Nr. Chitrkut Theatre, Zanna Hospital Road, Morbi-363641.
47	Nadiad	Dumral Bazar, Nadiad-387001.
48	Navsari, Main	M. G. Road, Near Tower, Dudhiya Talav Road, Navsari-396445.
49	Palanpur	Block No.8, Sanskrit Shopping Mall & Residency, Ahmedabad-Abu Road, Palanpur.
50	Patan	Ground Floor, Megh Plaza Complex, Verai Chakla, Patan.
51	Petlad	Station Road, Petlad-388340.
52	Porbander, K. Road	Kedareshwar Road, Suthar Wada, Porbander-360575.
53	Rajkot, Jubilee Chowk	Jubilee Chawk, Rajkot-360001.
54	Rajkot, Kalawad Road	1st Floor, Ravi Towers, Opp. Parimal School, Kalawal Road, Rajkot-390095.
55	Rajkot, R. K. Nagar	"Mrunal" R. K. Nagar, Main Road, Vivekanand Road Corner, Rajkot.
56	Rajpipla	98, Ambica Niwas, Rajendra Society, Nr. Santosh Cross Road, Rajpipla-393145.
57	Rajula	Opp. Jalaram Mandir, Jafrabad Road, Rajula Distt. Amreli
58	Silvassa	Shop No. 1 & 2, Ground Floor, City Center Complex, Silvassa-Vapi Main Road, Silvassa.
59	Surat, Dumas Road	Upper Floor, Shop No. 21 to 24, City Light Complex, Dumas Road, Surat-395007.
60	Surat, Lal Gate	Lal Gate, M. G. Road, Surat.
61	Surat, Main	1st Floor, Meghani Tower, Station Road, Surat- 390 003.
62	Surat, Majura	Majura Bhatar Char Rasta, Surat -395007.
63	Surat, Rander	Rander Road, R. A. Junction, Surat-395008.
64	Surat, Ring Road	Sahara Gate, Ring Road, Surat - 395002.
65	Surat, Sagrampura	Vivekanand Chambers, Nr. Rajeshwari Hall, Sagrampura, Surat-395002.
66	Surendranagar	Mehta Markert, Main Road, Opp. Satta Hall, Surendranagar-363001.
67	Unjha	Patel Bhavan, Station Road, Unjha-384170.
68	Vadodara, Atmajyoti	Atmajyoti Ashram Road, Ellora Park, Vadodara-390007.
69	Vadodara, Fatehganj	Near Saffron Tower, Near Vodafone Office, Fatehganj, Vadodara-390002.
70	Vadodara, Raopura	Sardar Bhawan, Raopura, Vadodara-390 001.
71	Vadodara, New Sama Road	Opp. Shiyapura Police Chowky, Raopura, Vadodara-390001.
72	Vadodara, Waghodiya Road	255, Kalpana Society, Nr. Uma Chokdi, Opp. Shri Rang Vidyalaya, Waghodiya Road, Vadodara.
73	Vallabh Vidyanagar	Ground Floor, Vidhya Bhawan Complex, B/h. B. V. M. Engineering College, Vallabh Vidyanagar.
74	Valsad	V. P. Road, Valsad-396001.
75	Vapi	Narayan Chamber, National Highway No. 8, Nr. Galaxy Hotel, GIDC, Vapi-396195.
76	Veraval	Satta Bazar, S. T. Road, Siddhi Vinayak Building, Veraval-362266.
77	Vyara	Ground Floor, Shantivan Residency, Station Road, Vyara.
78	Wadhwan City	Moti Chowk, Wadhwan City-363030.

ANNEXURE I

Medical Certificate for Physically Handicapped candidate

Appendix-D-(1)

FORM OF CERTIFICATE FOR PHYSICALLY DISABLED CANDIDATE FOR ADMISSION TO FIRST YEAR COURSES IN DEGREE ENGINEERING DEGREE/DIPLOMA PHARMACY COLLEGES IN GUJARAT STATE AFTER 12th (H.S.C.) SCIENCE STREAM

1. Full name of candidate :
2. O.P.D. Case No. :
3. (a) Nature of disability :

(to be mentioned in box on the right side)

POLIO; CEREBRAL PALCY,
HEMIPLEGIA, QUADRUPLEGIA, AMPUTATIONS,
CONGENITAL & AQUIRED DEFORMITY
VISUAL IMPAIRED,
HEARING IMPAIRED,
OTHERS

- (b) Extent of disability :

(to be mentioned in box on the right side)

BELOW 40% / 40% TO 60% / ABOVE 60% / TOTAL DISABILITY

4. Despite the disability whether the candidate is fit to undergo engineering/pharmacy education and will be able to discharge his/her duties as an engineer/pharmacist (Please state YES or NO in box on the right side and strike out whichever course is not applicable) YES / NO

I certify that Shri/Kum.
has been examined by me Dr. Designation :
on / /20 , and has been found physically disabled and in my opinion, he/she is in a position to undertake engineering/
pharmacy course and perform the functions of an engineer/pharmacist.

Outward No. :

Date :

Signature of competant authority of

Govt. Hospital (District or State level)

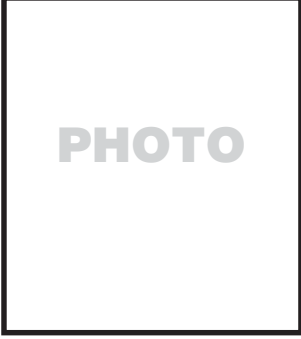
STAMP



Countersigned by Medical Superintendent/
Civil Surgeon of Govt. Hospital (District or State level)

ANNEXURE II

Non Creamy Layer Certificate (NCL) for SEBC Category



પ્રમાણપત્ર ક્રમાંક :

મામલતદાર ઓફિસ

તારીખ :

ગુજરાત સરકાર

(પરિશિષ્ટ - ક)

રાજ્ય સરકારની નોકરીઓ / ઉચ્ચ શૈક્ષણિક સંસ્થાઓમાં પ્રવેશમાં અનામતનો લાભ માટે અરજી કરતી વખતે સામાજિક અને શૈક્ષણિક રીતે પછાત વર્ગના ઉમેદવારોએ રજૂ કરવાના પ્રમાણપત્રનો નમુનો :

આથી પ્રમાણપત્ર આપવામાં આવે છે કે, _____ જિલ્લાના _____ તાલુકાના _____ ગામના _____ શ્રી _____ પોતે _____ જ્ઞાતિના છે.

જેને ગુજરાત સરકારના સમાજ કલ્યાણ અને આદિજાતિ વિભાગનાં તા. ૧-૮-૧૯૭૮નાં ઠરાવ ક્રમાંક : બકર/૧૩૭૩૪/૬, તેમજ ત્યારબાદના વખતો વખતના સુધારા-વધારાથી સામાજિક અને શૈક્ષણિક રીતે પછાત વર્ગ તરીકે જાહેર કરેલ છે. શ્રી _____ અને તેમનું કુટુંબ સામાન્ય રીતે ગુજરાત રાજ્યના _____ જિલ્લાના રહીશ છે.

આથી એ પણ પ્રમાણપત્ર આપવામાં આવે છે કે, તેનો / તેણીનો ગુજરાત સરકારના સમાજ કલ્યાણ વિભાગના તા. ૧-૧૧-૧૯૮૫ના ઠરાવ નંબર : સશપ/૧૧૩૮/૧૦૮/અ, સાથેના પરિશિષ્ટથી નિયત કરવામાં આ ઉચ્ચ વર્ગો (કિમીલેયર)ની વ્યક્તિ/જૂથમાં સમાવેશ થતો નથી.

સદરહુ પ્રમાણપત્ર નીચે મુજબના પુરાવાઓના આધારે આપવામાં આવેલ છે.

- | | |
|-----|-----|
| (૧) | (૨) |
| (૩) | (૪) |
| (૫) | (૬) |

મામલતદાર

મામલતદાર ઓફીસ

કચેરીની મહોર

તાલુકો :

જિલ્લો :



Rai University
EVOLVING THINKING MINDS

Ahmedabad

Annexure - 7

Copy of Notification for Admission in the Brochure of ACPC and ACPDC for all Running Courses

The Rai University, Ahmedabad in the State of Gujarat, established under the Gujarat Private Universities Act, 2009 by Government Notification No. GH/SH/8/GPU/2012/25/kh-1 dated 2.5.2012 and on Gazetted on 11 April 2012.

The Rai University, Ahmedabad established and incorporated under section 3 of the Gujarat private University Act, 2009 along with its amendment by Gujarat Act no 12 of 2012.

In exercise of the powers conferred by the Sub-section 2 of Section 26 of the Gujarat Private Universities (Amendment) Act, 2012, (Gujarat Act No.12 of 2012), the Governing Body of Rai University, Gujarat, adopted its First Statutes, **which allow us to offer and run courses in the State of Gujarat for which our Academic Council and Board of Management have given approval.**

However Apart from Above Our Engineering and Engineering Diploma Courses are associated with ACPC and ACPDC:

1. Engineering Courses - Admission Committee for Professional Courses (ACPD), Dept of Technical Education, Govt of Gujarat and

(Refer website www.jacpcldce.ac.in and our name can be seen on page no 71 of ACPC Admission Information Booklet.)

2. Engineering Diploma Courses - Admission Committee for Professional Diploma Courses (ACPDC)

(Refer website www.acpdc.in and our name can be seen on page no 6 of ACPDC Admission Information Booklet.)

10. PROVISIONAL LIST OF DIPLOMA ENGINEERING INSTITUTES (2013-14)

Sr. No.	Name of Institutes / Colleges	Courses	First Shift Intake	Second Shift Intake	Total 2013	Tuition Fees/ Sem. in ₹.	Hostel Facility For	District
Government Institutes								
1	GOVERNMENT POLYTECHNIC Ambavadi, Ahmedabad – 380 015. Tel.: (079) 26301285 Fax: (079) 26305516	(1) Automobile Engineering	120	60	180	500	BOYS	Ahme- dabad
		(2) Bio-medical Engineering	60	0	60			
		(3) Civil Engineering	120	0	120			
		(4) Computer Engineering	120	60	180			
		(5) Electrical Engineering	120	0	120			
		(6) Electronics & Comm. Engg.	120	60	180			
		(7) Information Technology	60	60	120			
		(8) Instrumentation & Control	60	60	120			
		(9) Mechanical Engineering	120	0	120			
		(10) Plastic Engineering	60	0	60			
		Total	960	300	1260			
2	R. C. TECHNICAL INSTITUTE Opposite Gujarat High Court, S. G. Highway, Sola, Ahmedabad – 380 060. Tel.: (079) 27664785 Fax: (079) 27664785	(1) Civil Engineering	60	0	60	500	BOYS	Ahme- dabad
		(2) Computer Engineering	120	120	240			
		(3) Electrical Engineering	120	120	240			
		(4) Information Technology	120	60	180			
		(5) Mechanical Engineering	120	120	240			
		(6) Printing Technology	60	0	60			
		(7) Textile Manufacturing Tech.	60	0	60			
		(8) Textile Processing Tech.	60	0	60			
		Total	720	420	1140			
3	GOVERNMENT POLYTECHNIC FOR GIRLS Opposite P.R.L, Near L. D. College of Engg. Navarangpura, Ahmedabad-380015 Tel.: (079) 26301581	(1) Architecture Assistantship	60	0	60	0	NO	Ahme- dabad
		(2) Bio-Medical Engineering	60	0	60			
		(3) Civil Engineering	120	0	120			
		(4) CDDM	60	0	60			
		(5) Computer Engineering	120	0	120			
		(6) Electronics & Comm. Engg.	120	0	120			
		(7) Information Technology	120	0	120			
		Total	660	0	660			
4	DR. J. N. MEHTA GOVERNMENT POLYTECHNIC Lathi Road, Amreli: 365601. Tel.: (02792) 222921 Fax: (02792) 240832	(1) Automobile Engineering	60	30	90	500	GIRLS	Amreli
		(2) Civil Engineering	60	60	120			
		(3) Electrical Engineering	120	60	180			
		(4) Electronics & Comm. Engg.	60	60	120			
		(5) Mechanical Engineering	120	60	180			
		Total	420	270	690			
5	GOVERNMENT POLYTECHNIC Opposite Malan Gate, Ambaji Road, Palanpur-385 001 Tel.: (02742) 245219 Fax: (02742) 262115	(1) Civil Engineering	60	30	90	500	BOYS GIRLS	Banas- kantha
		(2) Electrical Engineering	60	30	90			
		(3) Electronics & Comm. Engg.	90	60	150			
		(4) Instrumentation & Control	120	60	180			
		(5) Mechanical Engineering	120	60	180			
		Total	450	240	690			

Sr. No.	Name of Institutes / Colleges	Courses	First Shift Intake	Second Shift Intake	Total 2013	Tuition Fees/ Sem. in ₹.	Hostel Facility For	District
6	SHRI K. J. POLYTECHNIC Old National Highway No. 8, Bholav Rest House, Bharuch-392002. Tel.: (02642) 246402 Fax: (02642) 245004	(1) Chemical Engineering	120	60	180	500	GIRLS	Bharuch
		(2) Civil Engineering	120	60	180			
		(3) Computer Engineering	120	60	180			
		(4) Electrical Engineering	120	60	180			
		(5) Environment Engineering	60	0	60			
		(6) Mechanical Engineering	120	120	240			
		Total	660	360	1020			
7	GOVERNMENT POLYTECHNIC, RAJPIPALA @ C/o Campus Of Shri K.J.Polytechnic, At&Post Bholav, Bharuch, Dist.:Bharuch,	(1) Civil Engineering	60	0	60	500	NO	Bharuch
		(2) Electrical Engineering	60	0	60			
		(3) Mechanical Engineering	60	0	60			
		Total	180	0	180			
8	SIR. BHAVSINHJI POLYTECHNIC Institute Vidhyanagar, Bhavnagar- 364002 Tel.: (0278) 2515393 Fax: (0278) 2426742	(1) Automobile Engineering	120	60	180	500	BOYS GIRLS	Bhav-nagar
		(2) Chemical Engineering	60	0	60			
		(3) Civil Engineering	120	60	180			
		(4) Electrical Engineering	120	60	180			
		(5) Fabrication Technology	120	60	180			
		(6) Information Technology	120	60	180			
		(7) Mechanical Engineering	120	60	180			
		Total	780	360	1140			
9	GOVERNMENT POLYTECHNIC Zalod Road, Dahod – 389 151. Tel.: (02673)266681 Fax: (02673)266681.	(1) Civil Engineering	120	60	180	500	BOYS GIRLS	Dahod
		(2) CDDM	30	0	30			
		(3) Computer Engineering	60	60	120			
		(4) Electrical Engineering	60	60	120			
		(5) Electronics & Comm. Engg.	60	60	120			
		(6) Mechanical Engineering	120	90	210			
		Total	450	330	780			
10	GOVERNMENT POLYTECHNIC Waghai. Dist-Dang Ahwa Road, Rajendrapur, Village Waghai, Ta. Ahwa, Di. Dang - 394730 Ph : 02631-292294	(1) Civil Engineering	60	0	60	500	NO	Dang
		(2) Computer Engineering	60	0	60			
		(3) Mechanical Engineering	60	0	60			
		Total	180	0	180			
11	GOVERNMENT POLYTECHNIC K-6, Electronics Indl. Estate, Sector – 26, Gandhinagar – 382 026. Tel.: (079)23287433 Fax: (079) 23287434	(1) Bio-Medical Engineering	120	60	180	500	BOYS GIRLS	Gandhi-nagar
		(2) Chemical Engineering	120	60	180			
		(3) Computer Engineering	120	60	180			
		(4) Electrical Engineering	60	0	60			
		(5) Electronics & Comm. Engg.	120	60	180			
		(6) Information Technology	120	60	180			
		(7) Instrumentation & Control	120	60	180			
		Total	780	360	1140			
12	GOVERNMENT POLYTECHNIC Valsura Road, PO: Bedi, Jamnagar- 361009. Tel.: (0288) 2755570 Fax: (0288) 2752646	(1) Civil Engineering	60	60	120	500	BOYS GIRLS	Jam-nagar
		(2) Computer Engineering	60	30	90			
		(3) Electrical Engineering	120	60	180			
		(4) Electronics & Comm. Engg.	60	30	90			
		(5) Mechanical Engineering	120	60	180			
		Total	420	240	660			

Sr. No.	Name of Institutes / Colleges	Courses	First Shift Intake	Second Shift Intake	Total 2013	Tuition Fees/ Sem. in ₹.	Hostel Facility For	District
13	GOVERNMENT POLYTECHNIC Technical School Campus, Pancheswar Road, Junagadh-362001, Tel.: (0285) 2620247	(1) Civil Engineering	60	0	60	500	NO	Juna- gadh
		(2) Electrical Engineering	60	0	60			
		(3) Mechanical Engineering	60	0	60			
		Total	180	0	180			
14	GOVERNMENT POLYTECHNIC, KHEDA @ C/O. P.N.Technical High School, Kapadvanj, Dist. Kheda PH : 02691-252637	(1) Civil Engineering	60	0	60	500	NO	KHEDA
		(2) Electrical Engineering	60	0	60			
		(3) Mechanical Engineering	60	0	60			
		Total	180	0	180			
15	GOVERNMENT POLYTECHNIC Opp. Hill Garden, Air Port Road, Bhuj, Kutch-370001 Tel.: (02832) 299222,	(1) Civil Engineering	120	60	180	500	BOYS	Kutch
		(2) Computer Engineering	120	60	180			
		(3) Electrical Engineering	120	60	180			
		(4) Mechanical Engineering	120	60	180			
		(5) Metallurgy	60	0	60			
		(6) Mining Engineering	120	60	180			
		Total	660	300	960			
16	GOVERNMENT POLYTECHNIC B/H S. T. Workshop Vadnagar-384355 Dist.-Mehsana Tel.: (02761) 292555 Fax: (02761) 222225	(1) Architecture Assistantship	60	0	60	500	BOYS	Meh- sana
		(2) Electronics & Comm. Engg	60	0	60			
		(3) Mechanical Engineering	60	0	60			
		Total	180	0	180			
17	GOVERNMENT POLYTECHNIC, NAVSARI @ C/O Sir Homi Mehta Tech. High school & Tech. Inst. Boltighor Chhpara Road, Navsari Pin - 396445 Tel. : 02637 258611	(1) Civil Engineering	60	0	60	500	BOYS	Navsari
		(2) Electrical Engineering	60	0	60			
		(3) Mechanical Engineering	60	0	60			
		Total	180	0	180			
18	GOVERNMENT POLYTECHNIC RS-235, Near Gadukpur Village, B/H Maruti Nagar, Bamroli Rd, Godhara, Dist.: Panchmahal, Pin.- 389001 Tel.: (02672) 253732 Fax : (02672) 246732	(1) Civil Engineering	60	60	120	500	NO	Panch- mahal
		(2) Electrical Engineering	60	60	120			
		(3) Mechanical Engineering	60	60	120			
		Total	180	180	360			
19	K. D. POLYTECHNIC Opposite T.B.Hospital, North Gujarat University Road, Patan – 384265. Tel.: (02766) 220419 Fax: (02766) 233331	(1) Civil Engineering	120	60	180	500	BOYS GIRLS	Patan
		(2) Computer Engineering	120	60	180			
		(3) Electrical Engineering	120	120	240			
		(4) Electronics & Comm. Engg.	60	60	120			
		(5) Mechanical Engineering	120	60	180			
		Total	540	360	900			
20	GOVERNMENT POLYTECHNIC Near Air Port, Porbandar-360577. Tel.: (0286) 2220553 Fax: (0286) 2221346	(1) Civil Engineering	60	60	120	500	BOYS GIRLS	Por- bandar
		(2) Computer Engineering	60	30	90			
		(3) Electrical Engineering	120	60	180			
		(4) Mechanical Engineering	120	60	180			
		(5) Transportation Engineering	60	0	60			
		Total	420	210	630			

Sr. No.	Name of Institutes / Colleges	Courses	First Shift Intake	Second Shift Intake	Total 2013	Tuition Fees/ Sem. in ₹.	Hostel Facility For	District
21	GOVERNMENT POLYTECHNIC Near Aji Dam, Bhavnagar Road, Rajkot-360003 Tel.: (0281) 2387391 Fax: (0281) 2387553	(1) Chemical Engineering	120	60	180	500	BOYS GIRLS	Rajkot
		(2) Civil Engineering	120	60	180			
		(3) Electrical Engineering	120	120	240			
		(4) Electronics & Comm. Engg.	120	60	180			
		(5) Information Technology	120	60	180			
		(6) Mechanical Engineering	120	120	240			
		(7) Metallurgy	60	0	60			
		Total	780	480	1260			
22	A.V.PAREKH TECHNICAL INSTITUTE Dr. Yagnik Road, Rajkot-360001. Tel.: (0281) 2480175	(1) Bio-Medical Engineering	60	0	60	500	BOYS GIRLS	Rajkot
		(2) Computer Engineering	120	60	180			
		(3) Electrical Engineering	120	60	180			
		(4) Electronics & Comm. Engg.	120	120	240			
		(5) Instrumentation & Control	120	60	180			
		Total	540	300	840			
23	LUKHDHIRJI ENGINEERING COLLEGE Morbi-363642, Dist. Rajkot. Tel.: (02822)240743 Fax (02822)240645	(1) Ceramic Technology	60	30	90	500	NO	Rajkot
		(2) Civil Engineering	60	60	120			
		(3) Electrical Engineering	60	30	90			
		(4) Electronics & Comm. Engg.	60	60	120			
		(5) Information Technology	60	60	120			
		(6) Mechanical Engineering	60	60	120			
		(7) Metallurgy	60	0	60			
		Total	420	300	720			
24	GOVERNMENT POLYTECHNIC N.H. No.- 8, Motipura, Himmatnagar-383 001. Tel.: (02772) 229285 Fax: (02772) 228285	(1) Civil Engineering	60	60	120	500	BOYS GIRLS	Sabar- kantha
		(2) Computer Engineering	60	0	60			
		(3) Electrical Engineering	120	60	180			
		(4) Information Technology	120	60	180			
		(5) Mechanical Engineering	120	120	240			
		Total	480	300	780			
25	GOVERNMENT POLYTECHNIC FOR GIRLS Athava Gate, Surat-395001. Tel.: (0261) 2463017, 2478625 Fax.: (0261) 2461950	(1) Architecture Assistantship	60	0	60	0	GIRLS	Surat
		(2) Computer Engineering	120	60	180			
		(3) Electrical Engineering	60	0	60			
		(4) Electronics & Comm. Engg.	120	60	180			
		(5) Information Technology	60	0	60			
		Total	420	120	540			
26	DR. S. & S. S. GANDHI COLLEGE OF ENGG. AND TECH. Majura Gate, Surat-395001. Tel.: (0261) 2650970 Fax: (0261) 2656077	(1) Automobile Engineering	60	0	60	500	BOYS GIRLS	Surat
		(2) Civil Engineering	60	60	120			
		(3) Electrical Engineering	60	60	120			
		(4) Information Technology	60	0	60			
		(5) Mechanical Engineering	120	60	180			
		(6) Metallurgy	60	0	60			
		(7) Power Electronics	60	0	60			
		Total	480	180	660			
27	C. U. SHAH GOVERNMENT POLYTECHNIC Near Boda Talav, GIDC Road, P.O. Wadhawan, Surendranagar- 363 001 Tel.: (02752) 243494 Fax: (02752) 240380	(1) Automobile Engineering	60	0	60	500	BOYS GIRLS	Suren- dranagar
		(2) Civil Engineering	60	0	60			
		(3) CDDM	60	0	60			
		(4) Computer Engineering	60	60	120			
		(5) Electrical Engineering	120	60	180			
		(6) Mechanical Engineering	120	60	180			
		Total	480	180	660			

Sr. No.	Name of Institutes / Colleges	Courses	First Shift Intake	Second Shift Intake	Total 2013	Tuition Fees/ Sem. in ₹.	Hostel Facility For	District
28	GOVERNMENT POLYTECHNIC @ C/O. Government Technical High School Vyara, Vyara, Dist. Tapi PH : 02626-220326	(1) Civil Engineering	60	0	60	500	NO	Tapi
		(2) Electrical Engineering	60	0	60			
		(3) Mechanical Engineering	60	0	60			
		Total	180	0	180			
29	GOVERNMENT POLYTECHNIC Old Palace, Fatepur, Chhota-Udepur-391165 Tel.: (02669) 232754, 232740	(1) Automobile Engineering	60	0	60	500	BOYS GIRLS	Vado- dara
		(2) Civil Engineering	60	0	60			
		(3) Electrical Engineering	60	60	120			
		(4) Mechanical Engineering	120	120	240			
		(5) Plastic Engineering	60	0	60			
		Total	360	180	540			
30	GOVERNMENT POLYTECHNIC Kosamba Road, Valsad-396001. Tel.: (02632) 2253015 Fax: (02632) 2248378	(1) Chemical Engineering	120	60	180	500	BOYS GIRLS	Valsad
		(2) Civil Engineering	120	60	180			
		(3) Electrical Engineering	120	120	240			
		(4) Mechanical Engineering	120	120	240			
		(5) Plastic Engineering	60	30	90			
		Total	540	390	930			
Total Intake of Government Institutes			13860	6360	20220			
Grant-in-Aid Institutes								
1	B. & B. INSTITUTE OF TECH. Vallabhvidhyanagar, Dist: Anand-388 120 Tel.: (02692) 237240 Fax: (02692) 237057	(1) Civil Engineering	60	0	60	1000	BOYS GIRLS	Anand
		(2) Computer Engineering	60	0	60			
		(3) Electrical Engineering	60	0	60			
		(4) Electronics & Comm. Engg.	60	0	60			
		(5) Mechanical Engineering	120	0	120			
		Total	360	0	360			
2	DHARMSINH DESAI INSTITUTE OF TECHNOLOGY College Road, Nadiad-387001 Tel.: (0268) 2520502 Fax: (0268) 2520501	(1) Chemical Engineering	40	0	40	1000	BOYS GIRLS	Kheda
		Total	40	0	40			
3	TOLANI FOUNDATION GANDHIDHAM POLYTECHNIC Collegiate Board Bungs- Z/2, Adipur-370205 (Kutch) Tel.: (02836) 260249 Fax: (02836) 261660	(1) Civil Engineering	60	0	60	1000	BOYS GIRLS	Kutch
		(2) CDDM	20	0	20			
		(3) Electrical Engineering	50	0	50			
		(4) Mechanical Engineering	60	0	60			
		Total	190	0	190			
4	POLYTECHNIC, THE M. S. UNIVERSITY OF BARODA Near Shashtri Bridge, Fatehgujn, Vadodara-390008 Tel.: (0265) 2783915, 278314 Fax: (0265) 2783531	(1) Civil Engineering	180	0	180	1100	BOYS GIRLS	Vado- dara
		(2) Electrical Engineering	150	0	150			
		(3) Information Technology	30	0	30			
		(4) Mechanical Engineering	165	0	165			
		(5) PetroChemical Engineering	45	0	45			
		Total	570	0	570			
5	FACULTY OF TECH. & ENGG., THE M. S. UNI., BARODA Faculty of Technology & Engineering, Kalabhavan, Post Box 51, Dandia Bazar, Vadodara-390001	(1) Textile Chemistry	20	0	20	500	NO	Vado- dara
		(2) Textile Technology	20	0	20			
		Total	40	0	40			
Total Intake of Grant In Aid (GIA)			1200	0	1200			

Sr. No.	Name of Institutes / Colleges	Courses	First Shift Intake	Second Shift Intake	Total 2013	Tuition Fees/ Sem. in ₹.	Hostel Facility For	District
Self-Financed Institutes								
1	INSTITUTE OF DIPLOMA STUDIES NIRMA UNIVERSITY S. G. Highway, Chharodi, Ta. Daskroi, Ahmedabad-382481 Tel.: (02717) 241911-15 Fax: (02717) 241917	(1) Computer Engineering	132	0	132	30400	NO	Ahme- dabad
		(2) Electrical Engineering	75	0	75			
		(3) Mechanical Engineering	132	0	132			
		Total	339	0	339			
2	SHREE. N. M. GOPANI POLYTECHNIC INSTITUTE ** Kinara-Ranpur, Dist. Ahmedabad Tel.: (02711) 238661-62 Fax: (02711) 238842	(1) Architectural Assistantship	60	0	60	18500	BOYS GIRLS	Ahme- dabad
		(2) Automobile Engineering	60	60	120			
		(3) Civil Engineering	60	0	60			
		(4) Electrical Engineering	120	120	240			
		(5) Electronics & Comm. Engg.	60	60	120			
		(6) Mechanical Engineering	120	120	240			
		(7) Metallurgy	60	60	120			
		Total	540	420	960			
3	K P THAKKAR SWA. KRISHNA JEEVANDAS INSTITUTE OF TECHNOLOGY Sokli, Ta. Viramgam-382150 Tel.: (02715) 235100 / 200 Fax : (02715) 235300	(1) Automobile Engineering	60	0	60	15000	NO	Ahme- dabad
		(2) Civil Engineering	120	0	120			
		(3) Computer Engineering	60	0	60			
		(4) Electronics & Comm. Engg.	60	0	60			
		(5) Information Technology	60	0	60			
		(6) Mechanical Engineering	180	0	180			
		Total	540	0	540			
4	L. J. POLYTECHNIC Near Sanand-Sarkhej Circle, S. G. Highway, Ahmedabad-382210 Tel.: (079) 29096539 Fax : (079) 26890383	(1) Automobile Engineering	120	120	240	17500	NO	Ahme- dabad
		(2) Civil Engineering	120	60	180			
		(3) Computer Engineering	120	0	120			
		(4) Electronics & Comm. Engg.	120	0	120			
		(5) Information Technology	60	0	60			
		(6) Mechanical Engineering	180	60	240			
		Total	720	240	960			
5	SCHOOL OF ENGINEERING & APPLIED SCIENCES, RAI UNI. Rai University, Saroda, Dholka Dist. Ahmedabad-382260 M No. : 08980004322/23/24	(1) Automobile Engineering	60	0	60	20000 ^{##}	NO	Ahme- dabad
		(2) Civil Engineering	120	0	120			
		(3) Computer Engineering	60	0	60			
		(4) Electrical Engineering	60	0	60			
		(5) Electronics & Comm. Engg.	60	0	60			
		(6) Information Technology	60	0	60			
		(7) Mechanical Engineering	120	0	120			
		Total	540	0	540			
6	ARUN MUCHHALA ENGINEERING COLLEGE Khokhara Mahadev, Sarasiya Road, Ta.: Dhari, Dist.: Amreli Saurashtra -365640 Tel. : 02797-295370.	(1) Civil Engineering	0	60	60	12500 ^{##}	NO	Amreli
		(2) Computer Engineering	0	60	60			
		(3) Electrical Engineering	0	60	60			
		(4) Mechanical Engineering	0	60	60			
		Total	0	240	240			
7	B. & B. INSTITUTE OF TECHNOLOGY (SFI) Vallabhvidhyanager Dist: Anand-388 120. Tel.: (02692) 237240 Fax: (02692) 237057	(1) Civil Engineering	60	0	60	23000	BOYS GIRLS	Anand
		(2) Computer Engineering	60	0	60			
		(3) Electronics & Comm. Engg.	60	0	60			
		(4) Information Technology	60	0	60			
		(5) Electrical Engineering	60	0	60			
		(6) Mechanical Engineering	60	0	60			
		Total	360	0	360			

Sr. No.	Name of Institutes / Colleges	Courses	First Shift Intake	Second Shift Intake	Total 2013	Tuition Fees/ Sem. in ₹.	Hostel Facility For	District
8	VALIA POLYTECHNIC COLLEGE Desad Road, Near Maniba Gyandeeep Hostel, Valia, Dist.:Bharuch. Pin : 393135 Phone : (02643)270147,270148	(1) Automobile Engineering	60	60	120	17000	BOYS GIRLS	Bharuch
		(2) Chemical Engineering	120	0	120			
		(3) Civil Engineering	60	0	60			
		(4) Electrical Engineering	60	0	60			
		(5) Mechanical Engineering	120	60	180			
		Total	420	120	540			
9	LEADS INSTITUTE OF TECHNOLOGY & ENGG. @ At Matar, Ta. Amod, Dist. Bharuch-393110	(1) Electrical Engineering	0	60	60	14500**	NO	Bharuch
		(2) Mechanical Engineering	0	60	60			
		Total	0	120	120			
10	SHRI J.M. SABVA INSTITUTE OF ENGINEERING & TECHNOLOGY Aradhana Shaikshanik Sankul Bhavnagar Road,Botad-364 710 Dist: Bhavnagar Phone: 02849-294550 www.jmsietbotad.in	(1) Civil Engineering	0	60	60	12500**	NO	Bhav-nagar
		(2) Electrical Engineering	0	60	60			
		(3) Mechanical Engineering	0	120	120			
		Total	0	240	240			
11	VPMP POLYTECHNIC LDRP Campus, Sector-15, Gandhinagar-382015 Tel.: (079) 23244870 Fax: (079) 23245129	(1) Civil Engineering	60	60	120	21500	BOYS GIRLS	Gandhi-nagar
		(2) Computer Engineering	120	60	180			
		(3) Electrical Engineering	60	120	180			
		(4) Electronics & Comm. Engg.	60	60	120			
		(5) Mechanical Engineering	120	120	240			
		Total	420	420	840			
12	EXCEL INSTITUTE OF DIPLOMA STUDIES Nr. Amrit Hotel, Chhatral-Gandhinagar Road, Ola, Kalol. Tel.: (02764) 323905	(1) Automobile Engineering	60	0	60	17000	NO	Gandhi-nagar
		(2) Civil Engineering	120	120	240			
		(3) Computer Engineering	120	0	120			
		(4) Electrical Engineering	60	0	60			
		(5) Electronics & Comm. Engg.	120	0	120			
		(6) Mechanical Engineering	180	120	300			
		Total	660	240	900			
13	ATUL POLYTECHNIC Near Wir Bunglows, Mahudi Road, At & PO Khadat, Ta. Mansa, Gandhinagar-382855 Tel.: (02763) 284412 Fax: (02763) 284319	(1) Auto. Engineering	120	0	120	15000	BOYS	Gandhi-nagar
		(2) Civil Engineering	120	60	180			
		(3) Computer Engineering	60	0	60			
		(4) Electrical Engineering	120	0	120			
		(5) Electronics & Comm. Engg	60	0	60			
		(6) Information Technology	60	0	60			
		(7) Mechanical Engineering	120	60	180			
		Total	660	120	780			
14	SWAMINARAYAN COLLEGE OF ENGINEERING & TECHNOLOGY Saij, Ta. Kalol, Gandhinagar-382 721 Tel.: (02764) 223805 Fax: (02764) 223805	(1) Civil Engineering	120	0	120	14500	BOYS	Gandhi-nagar
		(2) Computer Engineering	60	0	60			
		(3) Electrical Engineering	120	0	120			
		(4) Electronics & Comm. Engg	60	0	60			
		(5) Information Technology	60	0	60			
		(6) Mechanical Engineering	120	0	120			
		Total	540	0	540			
15	F. D. (MUBIN) INSTI. OF ENGINEERING & TECHNOLOGY S. No.: 582-587, At: Bahiyal Ta. Dehgam, Dist. Gandhinagar Tel.: (02716) 262244 Fax: (02716) 262244	(1) Civil Engineering	60	0	60	16000	BOYS	Gandhi-nagar
		(2) Computer Engineering	60	0	60			
		(3) Electrical Engineering	60	0	60			
		(4) Electronics & Comm. Engg.	60	0	60			
		(5) Mechanical Engineering	60	0	60			
		Total	300	0	300			

Sr. No.	Name of Institutes / Colleges	Courses	First Shift Intake	Second Shift Intake	Total 2013	Tuition Fees/ Sem. in ₹.	Hostel Facility For	District
16	ALPHA COLLEGE OF ENGG. & TECH., GANDHINAGAR B/s Lincon Polymers, Vil. : Khatraj, Via. : Vadsar, Ta. : Kalol Dist. Gandhinagar-382721. Tel.: (02764) 281031, 281032 Fax: (02764) 281032	(1) Civil Engineering	0	60	60	15000 ^{##}	NO	Gandhi-nagar
		(2) Electrical Engineering	0	60	60			
		(3) Mechanical Engineering	0	120	120			
		Total	0	240	240			
17	UNIVERSAL COLLEGE OF ENGG. & TECH., GANDHINAGAR @ Village Bhoyan Moti, Ta. Kaol, Dist. Gandhinagar-382721 Ph : 02764 281051/2/3 Fax : 02764 281054	(1) Civil Engineering	0	60	60	14500 ^{##}	NO	Gandhi-nagar
		(2) Mechanical Engineering	0	60	60			
		Total	0	120	120			
18	NAVSARJAN SCHOOL OF TECH. @ Piplaj-Pethapur, Ta -Dist : Gandhinagar, Phone No. (079)23278171 (M) 9909322709/19 Fax : 079 23278171	(1) Mechanical Engineering	60	0	60	14500 ^{##}	NO	Gandhi-nagar
		Total	60	0	60			
19	SHANKARSINH VAGHELA BAPU TECHNICAL CAMPUS @ Gandhinagar Mansa Highway Road, Nr. Randheja Rly. Crossing, Unava, Vasan Gandhinagar, 382650 Ph : 079 23976170 Fax : 079 23976172	(1) Civil Engineering	0	60	60	14500 ^{##}	NO	Gandhi-nagar
		(2) Mechanical Engineering	0	60	60			
		Total	0	120	120			
20	BALAJI INSTITUTE OF TECH. At. Makhiyala Junagadh Dhoraji Highway, Dist. Junagadh-362014 Tel.: (0285) 2687238 Fax: (0285) 2687338	(1) Computer Engineering	120	0	120	15000	BOYS	Juna-gadh
		(2) Electrical Engineering	120	60	180			
		(3) Electronics & Comm. Engg	60	0	60			
		(4) Information Technology	60	0	60			
		(5) Mechanical Engineering	120	180	300			
		Total	480	240	720			
21	OM INSTITUTE OF ENGG. & TECHNOLOGY** Junagadh-Bhesan Road, At. Chokli, Junagadh Tal. & Dist.- Junagadh—362310 Tele.Fax : (0285) 2680500	(1) Civil Engineering	60	0	60	15000	NO	Juna-gadh
		(2) Computer Engineering	60	0	60			
		(3) Electrical Engineering	60	60	120			
		(4) Electronics & Comm. Engg	60	0	60			
		(5) Information Technology	60	0	60			
		(6) Mechanical Engineering	120	60	180			
		Total	420	120	540			
22	N. R. VEKARIA INSTI. OF TECH. C/O. Commerce Law College, Bilkha Road, Junagadh-362001 , Tel.: (0285)2651358, Fax: (0285) 2621540	(1) Civil Engineering	60	0	60	16000	NO	Juna-gadh
		(2) Computer Engineering	60	0	60			
		(3) Electrical Engineering	60	0	60			
		(4) Electronics & Comm. Engg.	60	0	60			
		(5) Information Technology	60	0	60			
		(6) Mechanical Engineering	120	0	120			
Total	420	0	420					

Sr. No.	Name of Institutes / Colleges	Courses	First Shift Intake	Second Shift Intake	Total 2013	Tuition Fees/ Sem. in ₹.	Hostel Facility For	District
23	NOBLE GROUP OF INSTITUTIONS Parth Vatika, Junagadh Bhesan Road, Via. Vadal, Nr. Bamangam, Junagadh, Pin:362 310 Tel.: 0285 2680233/244/255	(1) Civil Engineering	120	0	120	15000 GIRLS	BOYS	Juna- gadh
		(2) Computer Engineering	60	0	60			
		(3) Electrical Engineering	60	0	60			
		(4) Electronics & Comm. Engg.	60	0	60			
		(5) Mechanical Engineering	120	0	120			
		Total	420	0	420			
24	AMRUT INSTITUTE, JUNAGADH Khadiya Bilkha Road, Post. Toraniya At. Khadiya -362 263 Ta/Dist.: Junagadh. Ph : (M)82389 45600 / 90991 09845	(1) Automobile Engineering	60	0	60	16000	BOYS	Juna- gadh
		(2) Civil Engineering	120	0	120			
		(3) Computer Engineering	60	0	60			
		(4) Electrical Engineering	120	60	180			
		(5) Instrumentation & Control	60	0	60			
		(6) Mechanical Engineering	120	60	180			
		Total	540	120	660			
25	DR. SUBHASH TECHNICAL CAMPUS Khamdhrol Road, Junagadh, Gujarat, Pin:362001. Tel.:(0285)2610055	(1) Computer Science & Engg.	0	60	60	14000 ^{##}	NO	Juna- gadh
		(2) Electrical Engineering	0	60	60			
		(3) Mechanical Engineering	0	60	60			
		Total	0	180	180			
26	DALIA INSTITUTE OF DIPLOMA STUDIES At & Po. Kanera, Near Bareja Ahmedabad-Kheda N.H. No. 8 Ta & Dist Kheda- 387540 Tel.: (02694) 277521-24, 277501 Mob.: 8154088000	(1) Automobile Engineering	120	60	180	17000	NO	Kheda
		(2) Civil Engineering	120	0	120			
		(3) Computer Engineering	60	0	60			
		(4) Electrical Engineering	60	60	120			
		(5) Electronics & Comm. Engg	60	0	60			
		(6) Information Technology	60	0	60			
		(7) Mechanical Engineering	240	120	360			
		Total	720	240	960			
27	BALASINOR COLLEGE OF POLYTECHNIC, KHEDA Baidap Road, At & Po Balasinor, Dist. Kheda Tel.: (02690) 266805 Fax: (02690) 266329	(1) Civil Engineering	60	0	60	14000	BOYS	Kheda
		(2) Computer Engineering	60	0	60			
		(3) Electrical Engineering	60	60	120			
		(4) Electronics & Comm. Engg.	60	0	60			
		(5) Mechanical Engineering	120	60	180			
		Total	360	120	480			
28	R.H PATEL INSTITUTE OF TECHNOLOGY Nr. Water City, N.H.No.8, At & Post-Gobalaj, Ta & Dist. Kheda Tel.: (02694) 277500, 277789 Fax: (02694) 277500	(1) Automobile Engineering	60	0	60	14000	NO	Kheda
		(2) Civil Engineering	60	0	60			
		(3) Electrical Engineering	60	0	60			
		(4) Electronics & Comm. Engg.	60	0	60			
		(5) Mechanical Engineering	120	0	120			
		Total	360	0	360			
29	D. A. DIPLOMA ENGG. & TECHNOLOGY At & Po: Mahemdavad, Dist:Kheda, Tel.: (02694) 244781 Fax: (02694) 244781	(1) Civil Engineering	120	0	120	15000	NO	Kheda
		(2) Computer Engineering	60	0	60			
		(3) Electronics & Comm. Engg.	60	0	60			
		(4) Information Technology	60	0	60			
		(5) Mechanical Engineering	180	120	300			
		Total	480	120	600			
30	IMAGE ENGG. & TECH. INST. Valukas Crossing, Between Limbasi and Matar, Kheda-Tarapur State Highway Ta. Matar, Dist: Kheda-387530 Mob.: 9978900474 Fax: (079) 25895781	(1) Automobile Engineering	60	0	60	16000	BOYS	Kheda
		(2) Civil Engineering	120	60	180			
		(3) Computer Engineering	60	0	60			
		(4) Electrical Engineering	120	60	180			
		(5) Electronics & Comm. Engg.	60	0	60			
		(6) Mechanical Engineering	180	0	180			
		Total	600	120	720			

Sr. No.	Name of Institutes / Colleges	Courses	First Shift Intake	Second Shift Intake	Total 2013	Tuition Fees/ Sem. in ₹.	Hostel Facility For	District
31	IPCOWALA INSTITUTE OF ENGG AND TECHNOLOGY Amrapali Township, Petlad-khambhat Road, Dharmaj-388430	(1) Civil Engineering	0	60	60	13500 ^{##}	NO	Kheda
		(2) Mechanical Engineering	0	120	120			
		Total	0	180	180			
32	TOLANI FOUNDATION Gandhidham Polytechnic Collegiate Board Bunges-Z/2, Adipur-370205,(Kutch) Tel.: (02836) 260249 Fax: (02836) 261660	(1) Civil Engineering	60	0	60	18500	BOYS GIRLS	Kutch
		(2) Computer Engineering	60	0	60			
		(3) Electrical Engineering	60	0	60			
		(4) Mechanical Engineering	60	0	60			
		Total	240	0	240			
33	VEERAYTAN GROUP OF INSTITUTIONS - FACULTY OF ENGINEERING Haripar, Bhuj-Mandvi Road, Tal. Mandvi,Kutch, Pin-370460 Tel.: (02834)275261,275241	(1) Civil Engineering	0	120	120	12500 ^{##}	BOYS GIRLS	Kutch
		(2) Mechanical Engineering	0	120	120			
		Total	0	240	240			
34	HJD INST. OF TECHNICAL EDUCATION & RESEARCH @ Kera-Mundra Road, Kera, Kutch- 370430 Ph : 02832 281877/085/087 Fax : 02832 281787/004	(1) Electrical Engineering	0	60	60	14500 ^{##}	NO	Kutch
		(2) Mechanical Engineering	0	60	60			
		Total	0	120	120			
35	SWAMI SACHCHIDANAND POLYTECHNIC # Sakalchand Patel Vidyadham, Kamana Cross Road, Visnagar-384315 Tel.: (02765) 226745 Fax: (02765) 227346	(1) Electrical Engineering	90	60	150	17500	BOYS GIRLS	Meh- sana
		(2) Civil Engineering	60	60	120			
		(3) Computer Engineering	60	60	120			
		(4) Electronics & Comm. Engg.	120	120	240			
		(5) Mechanical Engineering	90	120	210			
		Total	420	420	840			
36	B. S. PATEL POLYTECHNIC Ganpat Vidyanagar, Mehsana-Gandhinagar Highway, Kherva-384012 Dist. Mehsana Tel.: (02762) 286742 , 286480 Fax. :(02762) 286630	(1) Automobile Engineering	60	60	120	15000	BOYS GIRLS	Meh- sana
		(2) Civil Engineering	120	120	240			
		(3) Computer Engineering*	120	120	240			
		(4) Electrical Engineering	60	60	120			
		(5) Electronics & Comm. Engg.*	120	120	240			
		(6) Information Technology	120	120	240			
		(7) Mechanical Engineering	180	180	360			
		(8) Mechatronics	60	60	120			
		Total	840	840	1680			
37	M. L. INSTITUTE OF DIPLOMA STUDIES Unjha-Mehsana Highway, At & PO Bhandu, Ta. Visnagar, Dist. Mehsana. Tel.: (02765) 287263, 287415 Fax: (02765) 287945	(1) Automobile Engineering	120	0	120	17000	BOYS GIRLS	Meh- sana
		(2) Civil Engineering	120	0	120			
		(3) Computer Engineering	60	0	60			
		(4) Electrical Engineering	60	0	60			
		(5) Electronics & Comm. Engg.	60	0	60			
		(6) Mechanical Engineering	120	0	120			
		Total	540	0	540			
38	MERCHANT POLYTECHNIC Basna Campus, Mehsana-Visnagar Highway At & Po. Gadha, Dist. Mehsana-384380 Tel.: (02762) 275888, 777 Fax: (02762) 275099	(1) Automobile Engineering	60	0	60	16000	BOYS	Meh- sana
		(2) Computer Engineering	60	0	60			
		(3) Electrical Engineering	240	120	360			
		(4) Electronics & Comm. Engg.	120	0	120			
		(5) Information Technology	60	0	60			
		(6) Mechanical Engineering	180	180	360			
		Total	720	300	1020			

Sr. No.	Name of Institutes / Colleges	Courses	First Shift Intake	Second Shift Intake	Total 2013	Tuition Fees/ Sem. in ₹.	Hostel Facility For	District
39	NARANBHAI BHIKHABHAI PATEL POLYTECHNIC Piludara, Ta & Di. Mehsana Pin. 384380 Tel.: (02762) 275075, 275076 Fax: (02762) 275065	(1) Civil Engineering	120	60	180	16000	BOYS	Mehsana
		(2) Computer Engineering	60	0	60			
		(3) Electrical Engineering	120	60	180			
		(4) Electronics & Comm. Engg	60	0	60			
		(5) Mechanical Engineering	180	120	300			
		Total	540	240	780			
40	SAVITABEN DAHYABHAI PATEL POLYTECHNIC Basna Campus, Mehsana-Visnagar Highway At & Po. Gadha, Dist. Mehsana-384380 Tel.: (02762) 275297 Fax: (02762) 275298	(1) Automobile Engineering	120	60	180	16000	BOYS	Mehsana
		(2) Civil Engineering	120	60	180			
		(3) Mechanical Engineering	120	120	240			
		Total	360	240	600			
41	SHREE HARI POLYTECHNIC INSTITUTE Po: Nani Kadi, Tal. Kadi, Dist. Mahesana-382715 Tel.: (02764) 240088 Fax: (02764) 240099	(1) Civil Engineering	60	60	120	15000	BOYS	Mehsana
		(2) Computer Engineering	60	0	60			
		(3) Electrical Engineering	120	0	120			
		(4) Electronics & Comm. Engg.	60	0	60			
		(5) Mechanical Engineering	180	60	240			
		Total	480	120	600			
42	NAVSARJAN POLYTECHNIC Vijapur-Himatnagar Highway Nr. Gandhinagar-Mahudi Road, At.:Rampur(Kuwaida) Ta. Vijapur, Dist.Mehsana. Tel. : (02763)-223488/89 (M) 9909322719 /09	(1) Civil Engineering	60	0	60	14500	BOYS GIRLS	Mehsana
		(2) Computer Engineering	60	0	60			
		(3) Electrical Engineering	120	0	120			
		(4) Electronics & Comm. Engg.	60	0	60			
		(5) Mechanical Engineering	120	0	120			
		Total	420	0	420			
43	S. P. B. PATEL ENGINEERING COLLEGE Saffrony Inst. of Tech. Campus Nr. Saffrony Holiday Resort, Ahmedabad-Mehsana Highway At & Post : Linch, Pin-384435. Dist : Mehsana Phone : (02762)285721/22 Fax : (02762)285720	(1) Automobile Engineering	0	60	60	12500 ^{##}	BOYS GIRLS	Mehsana
		(2) Civil Engineering	0	60	60			
		(3) Mechanical Engineering	0	60	60			
		Total	0	180	180			
44	SHRI SATSANGI SAKETDHAM "RAM ASHRAM" GROUP OF INSTITUTIONS At & Post : Vadasma, Ta & Dist : Mehsana Pin : 382708 Phone : (02762)278305 Fax : (02762)278018	(1) Automobile Engineering	0	60	60	12500 ^{##}	BOYS GIRLS	Mehsana
		(2) Civil Engineering	0	60	60			
		(3) Electrical Engineering	0	60	60			
		(4) Mechanical Engineering	0	60	60			
		Total	0	240	240			
45	SHRI VASUDEVBHAI AND KANTIBHAI PATEL INSTITUTE OF ENGINEERING (DIPLOMA) @ Kadi-Kalyanpura Road, At-Nanikadi, Nanikadi, Mehsana, Gujarat, 382715 Ph : 02764-297165/210101 Fax : 02764-242500 Website: www.svkpinstitute.com	(1) Automobile Engineering	60	0	60	14500 ^{##}	BOYS GIRLS	Mehsana
		(2) Civil Engineering	60	0	60			
		(3) Computer Engineering	60	0	60			
		(4) Electrical Engineering	60	0	60			
		(5) Mechanical Engineering	60	0	60			
		Total	300	0	300			

Sr. No.	Name of Institutes / Colleges	Courses	First Shift Intake	Second Shift Intake	Total 2013	Tuition Fees/ Sem. in ₹.	Hostel Facility For	District
46	VALLABHBUDHI POLYTECHNIC # NPE Campus, Bhanungar, Eru - Aat Road, Post - Bhutsad, Ta - Jalalpore, Dist - Navsari - 396450 Tel.: (02637) 656414, 656212 Fax: (02637) 228272, 228172	(1) Computer Engineering	120	60	180	15000	BOYS GIRLS	Navsari
		(2) Electrical Engineering	60	60	120			
		(3) Electronics & Comm. Engg.	120	60	180			
		(4) Mechanical Engineering	120	60	180			
		Total	420	240	660			
47	H. B. PATEL INST. OF DIPLOMA ENGINEERING & TECHNOLOGY Vi: Limbodara, Ta. Lunawada, Dist. Panchmahals-389230 Tel.: (02674) 247565 Fax: (02674) 247606	(1) Civil Engineering	120	0	120	15000	BOYS	Panchmahal
		(2) Computer Engineering	60	0	60			
		(3) Electrical Engineering	120	0	120			
		(4) Information Technology	60	0	60			
		(5) Mechanical Engineering	120	0	120			
		Total	480	0	480			
48	ENGINEERING COLLEGE, TUWA @ At & Post Tuwa, Tal. Godhra, Dist. Panchmahals-389713 Ph : 02672 286756/58/59 Fax : 02672 286757	(1) Electrical Engineering	0	60	60	14500**	YES	Panchmahal
		(2) Mechanical Engineering	0	60	60			
		Total	0	120	120			
49	SMT. R.S.PATEL INSTI. OF DIPLOMA ENGINEERING Shelavi, At: Palasar, Via Lanava, Near Shelavi Rly Station Pin: 384235 Telefax: (02734) 264264	(1) Computer Engineering	60	0	60	14000	BOYS GIRLS	Patan
		(2) Electrical Engineering	60	60	120			
		(3) Electronics & Comm. Engg.	60	0	60			
		(4) Mechanical Engineering	120	60	180			
		Total	300	120	420			
50	JASHODABA POLYTECHNIC INSTITUTE Opp. I. O. C. Depot, State Highway No. 41, Sujanpur Patiya, Sidhpur, Patan-384151.	(1) Automobile Engineering	60	0	60	12500**	NO	Patan
		(2) Civil Engineering	120	0	120			
		(3) Computer Engineering	60	0	60			
		(4) Electrical Engineering	60	60	120			
		(5) Mechanical Engineering	120	60	180			
		Total	420	120	540			
51	CHRIST POLYTECHNIC INSTITUTE Vidhyaniketan, Near Saurashtra University, Rajkot-360005. Tel.: (0281) 2587901/03 Fax: (0281) 2570301	(1) Automobile Engineering	60	0	60	17000	NO	Rajkot
		(2) Computer Engineering	120	60	180			
		(3) Electrical Engineering	120	0	120			
		(4) Electronics & Comm. Engg.	120	120	240			
		(5) Instrumentation & Control	120	60	180			
		(6) Mechanical Engineering	60	0	60			
		Total	600	240	840			
52	ATMIYA INSTI. OF TECNOLOGY & SCIENCE FOR DIPLOMA STUDIES Yogi Dham, Kalawad Road, Rajkot-360005. Tel.: (0281) 2563445 Fax: (0281) 2563766	(1) Automobile Engineering	60	0	60	17500	BOYS	Rajkot
		(2) Civil Engineering	60	0	60			
		(3) Computer Engineering	120	0	120			
		(4) Electrical Engineering	120	120	240			
		(5) Electronics & Comm. Engg.	120	0	120			
		(6) Mechanical Engineering	120	120	240			
		Total	600	240	840			
53	DARSHAN INST. OF ENGG. & TECH. FOR DIPLOMA STUDIES At. Hadala, Ta. Tankara, Dist. Rajkot Tel.: (02822) 293010, 293096 Fax: (02822) 293008	(1) Civil Engineering	120	0	120	17000	NO	Rajkot
		(2) Computer Engineering	60	0	60			
		(3) Electrical Engineering	120	0	120			
		(4) Electronics & Comm. Engg	60	0	60			
		(5) Mechanical Engineering	120	0	120			
		Total	480	0	480			

Sr. No.	Name of Institutes / Colleges	Courses	First Shift Intake	Second Shift Intake	Total 2013	Tuition Fees/ Sem. in ₹.	Hostel Facility For	District
54	R K UNIVERSITY-SCHOOL OF DIPLOMA STUDIES Kasturba Dham, Rajkot M. : 9909952030, 31 Fax: (0281) 2785116	(1) Civil Engineering	120	60	180	17000	BOYS GIRLS	Rajkot
		(2) Computer Engineering	60	0	60			
		(3) Electrical Engineering	120	60	180			
		(4) Electronics & Comm. Engg	60	0	60			
		(5) Mechanical Engineering	180	60	240			
		Total	540	180	720			
55	SANJAYBHAI RAJGURU COLLEGE OF DIPLOMA ENGG. Old Name : Omshanti Diploma Engg. College At Hadmatiya, Near Bedi Morbi Road, Rajkot. Tel.: (0281) 2786500 Fax: (0281) 2786260	(1) Civil Engineering	60	0	60	16000	BOYS GIRLS	Rajkot
		(2) Computer Engineering	60	0	60			
		(3) Electrical Engineering	120	0	120			
		(4) Electronics & Comm. Engg	60	0	60			
		(5) Information Technology	60	0	60			
		(6) Mechanical Engineering	120	0	120			
		Total	480	0	480			
56	AARSH MAHAVIDYALAYA At Kasturba Dham (Tramba), B/h R. K. College, Bhavnagar Road, Rajkot-360020 Tel.: (0281) 2785059 Fax: (0281) 2785061	(1) Automobile Engineering	60	0	60	16000	BOYS	Rajkot
		(2) Civil Engineering	120	60	180			
		(3) Computer Engineering	60	0	60			
		(4) Electrical Engineering	60	60	120			
		(5) Electronics & Comm. Engg.	60	0	60			
		(6) Mechanical Engineering	120	120	240			
		Total	480	240	720			
57	ARPIT INSTITUTE OF ENGG. & TECHNOLOGY (DIPLOMA) At: Hadala, Rajkot-Morbi Highway, Rajkot-363 650. Tel.: (02822) 293999, (M)93759 99899 Fax: (0281) 2574508	(1) Automobile Engineering	60	0	60	14500	BOYS GIRLS	Rajkot
		(2) Chemical Engineering	60	0	60			
		(3) Civil Engineering	120	60	180			
		(4) Computer Engineering	60	0	60			
		(5) Electrical Engineering	120	0	120			
		(6) Electronics & Comm. Engg.	60	0	60			
		(7) Mechanical Engineering	120	60	180			
		Total	600	120	720			
58	SHRI LABHUBHAI TRIVEDI INSTITUTE OF ENGINEERING AND TECHNOLOGY Mavdi, Nr. Govt. Engg. College, Kalawad Road, Rajkot-360 005 Phone : (0281) 6564011 to 16. Fax : (0281)2466150 (M) 98791 88433.	(1) Civil Engineering	0	60	60	14000 ^{##}	NO	Rajkot
		(2) Electrical Engineering	0	60	60			
		(3) Mechanical Engineering	0	60	60			
		Total	0	180	180			
59	TAKSHSHILA COLLEGE OF ENGINEERING & TECH. @ Ishwariya Village, Opp. Hill View Club, 150 ft Ring Road Kalawad Road, Rajkot-360110 Ph : 0281 3205751	(1) Electrical Engineering	0	60	60	14500 ^{##}	NO	Rajkot
		(2) Mechanical Engineering	0	60	60			
		Total	0	120	120			
60	SHREE H. N. SHUKLA DIPLOMA ENGINEERING COLLEGE @ B/H. Market Yard, Nr. Lalpari Lake, Amargadh (Bhichari), Rajkot, 360003 Ph : 0281 2224362	(1) Civil Engineering	60	0	60	14500 ^{##}	NO	Rajkot
		(2) Computer Engineering	60	0	60			
		(3) Electrical Engineering	60	0	60			
		(4) Electronics	60	0	60			
		(5) Mechanical Engineering	60	0	60			
		Total	300	0	300			

Sr. No.	Name of Institutes / Colleges	Courses	First Shift Intake	Second Shift Intake	Total 2013	Tuition Fees/ Sem. in ₹.	Hostel Facility For	District
61	ASIATIC INSTITUTE OF SCIENCE & TECHNOLOGY @ At Jamvadi, Ta. Gondal, Dist. Rajkot - 360311 Ph : 0285294295, Mo : 9825058836	(1) Civil Engineering	60	0	60	14500 ^{##}	NO	Rajkot
		(2) Computer Engineering	60	0	60			
		(3) Electrical Engineering	60	0	60			
		(4) Mechanical Engineering	120	0	120			
		Total	300	0	300			
62	SURAJ MUCHHALA POLYTECHNIC @ Gondal-Jetpur Road NH-8 B, At Chordi, Taluka Gondal, Dist. Rajkot,-360311	(1) Automobile Engineering	60	0	60	14500 ^{##}	NO	Rajkot
		(2) Civil Engineering	60	0	60			
		(3) Computer Engineering	60	0	60			
		(4) Electrical Engineering	60	0	60			
		(5) Mechanical Engineering	60	0	60			
		Total	300	0	300			
63	VED VYAS POLYTECHNIC Block No. 323, Opp. Sabar Dairy NH 8, Hajipur, Himatnagar-383001 Tel.: (02772) 226146 Fax: (02772) 226046	(1) Civil Engineering	120	0	120	15000	NO	Sabar- kantha
		(2) Computer Engineering	60	0	60			
		(3) Electrical Engineering	120	0	120			
		(4) Electronics & Comm. Engg	60	0	60			
		(5) Information Technology	60	0	60			
		(6) Mechanical Engineering	180	0	180			
		Total	600	0	600			
64	GROW MORE FACULTY OF DIPLOMA ENGINEERING Ahmedabad-Udaipur Highway, Ta. Himatnagar, Dist. Sabarkantha-383001 Tel.: (02772) 225500-02 Fax: (02772) 225505/10	(1) Civil Engineering	120	0	120	16000	BOYS GIRLS	Sabar- kantha
		(2) Computer Engineering	60	0	60			
		(3) Electrical Engineering	60	0	60			
		(4) Information Technology	60	0	60			
		(5) Mechanical Engineering	120	0	120			
		Total	420	0	420			
65	TATVA INSTITUTE OF TECHNOLOGICAL STUDIES Nr. Karna Pump, Modasa- Shamlaji road, Modasa, Dist.:Sabarkantha Tele: 02774-242 801	(1) Civil Engineering	0	60	60	12500 ^{##}	NO	Sabar- kantha
		(2) Electrical Engineering	0	60	60			
		(3) Mechanical Engineering	0	120	120			
		Total	0	240	240			
66	GUJARAT INSTITUTE OF TECHNICAL STUDIES @ Village Moyad, Ta. Prantij, Dist. Sabarkantha-383205, Ph : 02770 240676 Fax : 02770 240675	(1) Civil Engineering	0	60	60	14500 ^{##}	NO	Sabar- kantha
		(2) Mechanical Engineering	0	60	60			
		Total	0	120	120			
67	ARRDEKTA INSTITUTE OF TECHNOLOGY Khedbrahma, Ahmedabad- Ambaji S.H.No.09, At:Radhiwad, Po.: Navi Metral , Dist : Sabarkantha-383255. Tel.: (02775)291580,223401	(1) Civil Engineering	0	60	60	13500 ^{##}	NO	Sabar- kantha
		(2) Electrical Engineering	0	60	60			
		(3) Mechanical Engineering	0	120	120			
		Total	0	240	240			
68	BHULABHAI VANMALIBHAI PATEL INST. OF TECH. (DS) Vidhyabharati Campus, Umarakh-394345 Ta. Bardoli, Dist. Surat Tel.: (02622) 222581, 220581 Fax: (02622) 225458	(1) Architectural Assistantship	60	0	60	17931	GIRLS	Surat
		(2) Automobile Engineering	60	0	60			
		(3) Civil Engineering	120	0	120			
		(4) Electrical Engineering	120	0	120			
		(5) Mechanical Engineering	120	0	120			
		Total	480	0	480			

Sr. No.	Name of Institutes / Colleges	Courses	First Shift Intake	Second Shift Intake	Total 2013	Tuition Fees/ Sem. in ₹.	Hostel Facility For	District
69	N. G. PATEL POLYTECHNIC # Bardoli-Navsari Road Isroli, Afwa-394620 Tel.:9228000868(02622)291106 Fax: (02622)290488	(1) Chemical Engineering	60	0	60	19500	BOYS GIRLS	Surat
		(2) Computer Engineering	60	0	60			
		(3) Electrical Engineering	120	60	180			
		(4) Electronics & Comm. Engg.	60	0	60			
		(5) Mechanical Engineering	120	60	180			
		Total	420	120	540			
70	S. T. B. S. COLLEGE OF DIPLOMA ENGINEERING Varachha Road, Kapodra, Ta. Choriyashi, Dist. Surat-395006. Tel.: (0261) 2571671, Fax: (0261) 2571679	(1) Automobile Engineering	60	0	60	19500	NO	Surat
		(2) Civil Engineering	120	0	120			
		(3) Computer Engineering	60	0	60			
		(4) Electrical Engineering	120	0	120			
		(5) Electronics & Comm. Engg.	60	0	60			
		(6) Mechanical Engineering	120	0	120			
Total	540	0	540					
71	BHAGVAN MAHAVIR POLYTECHNIC SR-149, Near Ashirvad Villa Raw House, Bharthana, Vesu Gam, Ta. Choriyasi, Dist. Surat-395017 Tel.: (0261) 2268087, Fax: (0261) 2268086	(1) Automobile Engineering	120	0	120	15000	BOYS GIRLS	Surat
		(2) Civil Engineering	120	0	120			
		(3) Computer Engineering	120	120	240			
		(4) Electrical Engineering	60	60	120			
		(5) Electronics & Comm. Engg.	60	60	120			
		(6) Information Technology	60	60	120			
		(7) Mechanical Engineering	120	120	240			
Total	660	420	1080					
72	A. Y. DADABHAI TECHNICAL INSTITUTE Kosamba Mahuva Road, Kosamba (East), Surat-394120 Tel.: (02629) 235951, 235952 Fax: (02629) 235955	(1) Civil Engineering	60	0	60	17000	NO	Surat
		(2) Computer Engineering	60	0	60			
		(3) Electrical Engineering	60	0	60			
		(4) Electronics & Comm. Engg.	60	0	60			
		(5) Mechanical Engineering	120	0	120			
Total	360	0	360					
73	JAYVANTRAI HARRAI DESAI POLYTECHNIC At. & Po:Palsana, Palasana Baleshwar Road, Dist.:Surat. Contact No. 9662499499, Tel. : 02622-265499	(1) Civil Engineering	120	0	120	14000	NO	Surat
		(2) Computer Engineering	60	0	60			
		(3) Electrical Engineering	60	0	60			
		(4) Mechanical Engineering	120	0	120			
Total	360	0	360					
74	MAHAVIR SWAMI COLLEGE OF POLYTECHNIC Nr. Ashirwadvilla, New City Light Road, Bhartha-Vesu, SURAT, 395017	(1) Automobile Engineering	60	0	60	12500 ^{##}	NO	Surat
		(2) Civil Engineering	120	60	180			
		(3) Computer Engineering	60	0	60			
		(4) Electrical Engineering	60	0	60			
		(5) Mechanical Engineering	120	0	120			
Total	420	60	480					
75	VIDHYADEEP INSTITUTE OF MANAGEMENT & TECH. @ G.S.Highway Road, At: Anita(KIM), Tal : Olpad, Anita (KIM), Surat, 394510 Ph : 02621 249227/249034	(1) Electrical Engineering	0	60	60	14500 ^{##}	NO	Surat
		(2) Mechanical Engineering	0	60	60			
Total	0	120	120					
76	PACIFIC SCHOOL OF ENGG. @ Plot No. 87,91,,92,96, Sanki, Palsana, Surat-394305 Ph : 91 2622 291552 (M)9904408835	(1) Electrical Engineering	0	60	60	14500 ^{##}	NO	Surat
		(2) Mechanical Engineering	0	60	60			
Total	0	120	120					

Sr. No.	Name of Institutes / Colleges	Courses	First Shift Intake	Second Shift Intake	Total 2013	Tuition Fees/ Sem. in ₹.	Hostel Facility For	District
77	SHREE DHANVANTRAY COLLEGE OF DIPLOMA @ Engg., Near Railway Station, Kudsad Road, Ta. Oplad, Kim(East), Surat-394110	(1) Civil Engineering	60	0	60	14500 ^{##}	NO	Surat
		(2) Computer Engineering	60	0	60			
		(3) Electrical Engineering	60	0	60			
		(4) Electronics & Comm. Engg.	60	0	60			
		(5) Mechanical Engineering	60	0	60			
		Total	300	0	300			
78	CHHOTUBHAI GOPALBHAI PATEL INSTITUTE OF TECHNOLOGY @ Maliba Campus, Gopal Vidyanagar, Bardoli- Mahuva Road, Bardoli, Surat-394350.	(1) Electrical Engineering	0	60	60	14500 ^{##}	NO	Surat
		(2) Mechanical Engineering	0	60	60			
		Total	0	120	120			
79	SARVODAYA POLYTECHNIC INST. Near Gopal Nagar, At&PO Untadi, Ta. Limdi, Dist. Surendranagar Tel.: (02753) 651572, 261100 Fax.: (02753) 261101	(1) Civil Engineering	60	60	120	15000	NO	Surendranagar
		(2) Computer Engineering	60	60	120			
		(3) Electrical Engineering	60	60	120			
		(4) Electronics & Comm. Engg.	90	60	150			
		(5) Mechanical Engineering	120	60	180			
		Total	390	300	690			
80	C. U. SHAH TECHNICAL INST. OF DIPLOMA STUDIES, C.U.Shah University, Wadhwan City. Surendranagar-Ahmedabad State Highway, Near Kotharia Village, Dist. Surendranagar-363030 Tel.: (02752) 294140 /652711 Fax: (02752) 247712	(1) Civil Engineering	60	0	60	17000	BOYS GIRLS	Surendranagar
		(2) Computer Engineering	120	0	120			
		(3) Electrical Engineering	120	120	240			
		(4) Electronics & Comm. Engg.	120	0	120			
		(5) Mechanical Engineering	120	120	240			
		Total	540	240	780			
81	SHREE PANDIT NATHULALJI VYAS TECHNICAL CAMPUS @ Surendranagar-Ahd Highway, Near Kothariya Vilege, Wadhvan, Surendranagar Mo : 7383691109/8401336569	(1) Electrical Engineering	0	60	60	14500 ^{##}	NO	Surendranagar
		(2) Mechanical Engineering	0	60	60			
		Total	0	120	120			
82	PARUL INSTITUTE OF ENGG. & TECH. (DIPLOMA STUDIES) At&PO Limda, Ta. Waghodia Dist. Vadodara-391760 Tel.: (02668) 260312,260202, M : 9099040577, 9879105564 Fax: (02668) 260201	(1) Architecture Assistantship*	60	60	120	18500	BOYS GIRLS	Vadodara
		(2) Automobile Engineering*	120	60	180			
		(3) Civil Engineering*	300	120	420			
		(4) Computer Engineering *	60	60	120			
		(5) Electrical Engineering*	240	240	480			
		(6) Electronics & Comm. Engg*	60	60	120			
		(7) Mechanical Engineering*	360	300	660			
		Total	1200	900	2100			
83	SIGMA INSTITUTE OF TECH. & ENGINEERING Ajawa – Nimeta Road, At&PO Bakrol, Ta. Waghodia, Dist. Vadodara-391760 M : 9909976831 , 9099063248 Fax: (0265) 2633620	(1) Automobile Engineering	60	0	60	15000	BOYS GIRLS	Vadodara
		(2) Civil Engineering	60	60	120			
		(3) Computer Engineering	60	120	180			
		(4) Electrical Engineering	60	0	60			
		(5) Electronics & Comm. Engg.	60	60	120			
		(6) Information Technology	0	60	60			
		(7) Mechanical Engineering	120	120	240			
		Total	420	420	840			

Sr. No.	Name of Institutes / Colleges	Courses	First Shift Intake	Second Shift Intake	Total 2013	Tuition Fees/ Sem. in ₹.	Hostel Facility For	District
84	BUTLER POLYTECHNIC FMTI Campus, New Sama Road, Vadodara-390008 Tel.: (0265) 2750306 Fax: (0265) 2750306	(1) Architecture Assistantship	30	0	30	14000	NO	Vado-dara
		(2) Civil Engineering	30	0	30			
		(3) Electrical Engineering	30	30	60			
		(4) Mechanical Engineering	30	30	60			
		Total	120	60	180			
85	RMS POLYTECHNIC Ajawa-Nimeta Road, At&PO Bakrol Dist. Vadodara-390019 M. : 9909976849	(1) Civil Engineering	60	60	120	15000	BOYS GIRLS	Vado-dara
		(2) Computer Engineering	120	60	180			
		(3) Electrical Engineering	60	120	180			
		(4) Electronics & Comm. Engg.	60	60	120			
		(5) Mechanical Engineering	120	120	240			
		Total	420	420	840			
86	PARUL POLYTECHNIC INSTITUTE Limda At&PO Limda, Ta. Waghodia Dist. Vadodara-391760 Tel.: (02668) 260312,260202, M : 9099040577, 9879105564 Fax: (02668) 260201	(1) Civil Engineering	120	120	240	17500	BOYS GIRLS	Vado-dara
		(2) Computer Engineering *	180	120	300			
		(3) Electronics & Comm. Engg. *	120	0	120			
		(4) Information Technology *	120	60	180			
		(5) Mechanical Engineering	360	240	600			
		Total	900	540	1440			
87	POLYTECHNIC, M. S. UNIVERSITY Near Shastri Bridge, Fateghuj, Vadodara - 390008 Tel.: (0265) 2783915	(1) Architecture Assistantship	60	0	60	15000 ^{##}	BOYS GIRLS	Vado-dara
		(2) Computer Engineering	60	0	60			
		(3) Electronics & Comm. Engg.	60	0	60			
		Total	180	0	180			
88	S. B. POLYTECHNIC K. J. Campus, Opp. ITI, Javala-Savli Road, At& PO Savli, Vadodara-391770 Mob. 8980314190, 9825552526, 9825458295 Website : www.kjit.org	(1) Civil Engineering	120	0	120	16000	BOYS GIRLS	Vado-dara
		(2) Computer Engineering	60	0	60			
		(3) Electrical Engineering	120	60	180			
		(4) Electronics & Comm. Engg	60	0	60			
		(5) Information Technology	60	0	60			
		(6) Mechanical Engineering	120	60	180			
		Total	540	120	660			
89	K. J. INST. OF ENGG. & TECH. @ Opp. I.T.I., Javla, Savli - 391770 Dist. Vadodara, Savli, Vadodara Mob. 8980314190, 9825552526	(1) Electrical Engineering	0	60	60	14500 ^{##}	NO	Vado-dara
		(2) Mechanical Engineering	0	60	60			
		Total	0	120	120			
90	ITM-SCHOOL OF ARCHITECTURE ART AND DESIGN (ITMSAAD) Dhanora Tank Road, Village Paldi, Behind Supreme Hotel, Halol Highway, Near Jarod, Waghodia Taluka, Vadodara-391510 Ph : 02668 275501/10 Fax : 02668 275504	(1) Architecture Assistantship	0	60	60	14500 ^{##}	NO	Vado-dara
		Total	0	60	60			
91	LAXMI INSTITUTE OF TECHNOLOGY (LIT) Sarigam, Valsad-396155 Phone : (0260)2405300 Fax : (0260)2405308	(1) Automobile Engineering	0	60	60	12500 ^{##}	BOYS GIRLS	Valsad
		(2) Civil Engineering	0	60	60			
		(3) Electrical Engineering	0	60	60			
		(4) Mechanical Engineering	0	120	120			
		Total	0	300	300			
Total Intake of Self Financed Institute(SFI)			31329	14100	45429			
SHIFT WISE INTAKE OF STATE			46389	20460	66849			

Summary					
Sr. No.	Type of Institution	Nos of Institution	First shift-2013	Second shift-2013	Total 2013
1	Total Intake of Government(GOVT)	30	13860	6360	20220
2	Total Intake of Grant In Aid (GIA)	5	1200	0	1200
3	Total Intake of Self Financed (SFI)	91	31329	14100	45429
	SHIFT WISE INTAKE OF STATE	126	46389	20460	66849

Notes:

- (1) Above Informations are for reference only. Latest Information will be available at our website www.acpdg.in
- (2) The Admissions will be subject to intake sanctioned by the AICTE, New Delhi and affiliation by concern university at the time of counselling.
- (3) There is no Tution Fee for Female Candidates in Government and Grant in Aided institutes.
- (4) All institutes are affiliated with GUJARAT TECHNOLOGICAL UNIVERSITY except following.

INSTITUTE	AFFILIATED
Dharmsinh Desai Institute of Technology, Nadiad (GIA)	Dharmsinh Desai University
Polytechnic, M.S.University, Vadodara (GIA & SFI)	M.S.University
Nirma Institute of Diploma Studies, Ahmedabad (SFI)	Nirma University
School of Diploma Studies-R K University (SFI)	R.K.University
School of Engineering & Applied Sciences (SFI),Rai University	Rai University
C.U.Shah Technical Inst.of Diploma Studies(SFI),C.U.Shah University, Wadhwan City	C.U.Shah University

- (5) * indicates that courses which are accredited by National Board of Accreditation (NBA), AICTE, New Delhi.
- (6) ** indicates that Institute has TUV NORD certificate for Managment System as per DIN EN ISO 9001-2008.
- (7) # Subject to AICTE concurrence.
- (8) ## indicates Adhoc fee, subject to revision by the Fee Regulatory Committee (website : www.frctech.ac.in)
- (9) @ GTU affiliation awaited.
- (10) For Further details see the website of the concerned institute.



Rai University
EVOLVING THINKING MINDS

Ahmedabad

Annexure - 8

Rai University Ahmedabad

Annexure - 8

Information about the composition of the statutory bodies of the University

Board of Governors - Rai University Ahmedabad			
S.No.	BOG	Name	Date of Joining
1	President	Mr. Varun Rai	14.04.2012
2	Provost	Dr. A. Sankara Reddy	24.04.2012
Nominated by Sponsoring Body			
3	2 Members	Mr. Anil Tomar	18.04.2012
		Mr. Gagan Oberoi	18.04.2012
	2 Educationists	Ms. Rupa Vasudevan	18.04.2012
		Dr. Hemant Patil	08.05.2013
4	2 Deans/Directors of the Constituent schools/Centers of University, nominated by Provost	Dr. Charu Acharya	24.04.2012
		Ms Shraddha Mavani	02.04.2014
5	1 Expert of Management /Technology outside of University nominated by President	Mr. R. P. Sharma	18.04.2012
6	3 Experts representating other disciplines		
	Finance	Mr Mukesh Kukreja	
	Legal	Mr. Shakeel Ahmad	21.04.2012
	Social	Mr. Anil Gosain	21.04.2012
7	Registrar	Dr. Kartik Jain	01.08.2013
8	Government Nominee	Ms Kirtida Bhrambhatt Joint Secretary (Services)	21.06.2013
9	Industrialist	Mr. Dhruv Agarwal	21.04.2012

Board of Management - Rai University Ahmedabad			
S.No.	BOM	Name	Date of Joining
1	President	Mr. Varun Rai	14.04.2012
2	Provost	Dr. A. Sankara Reddy	24.04.2012
3	2 Members of Governing Body to be nominated by Sponsoring Body	Dr. Charu Acharya	21.04.2012
		Mr. Anil Tomar	21.04.2012
4	2 Members who are not members of Governing Body nominated by Sponsoring Body	Ms. Anuradha Dhar	21.04.2012
		Mr. Akhil Jindal	21.04.2012
5	3 Faculty Members of the University nominated by Sponsoring Body	Mr. Hardik Nagar	21.04.2012
		Dr. Hemant Patil	08.05.2013
		Ms. Priyanka Raval	08.05.2013
6	1 Faculty Member nominated by President	Ms Shraddha Mavani	02.04.2014

Academic Council - Rai University Ahmedabad			
S.No	AC	Name	Date of Joining
1	Provost	Dr. A. Sankara Reddy	24.04.2012
2	Registrar	Dr. Kartik Jain	01.08.2013
3	4 members nominated by Governing Body or Provost	Dr. Charu Acharya	30.06.2012
		Ms Shraddha Mavani	02.04.2014
		Mr. Anil Tomar	30.06.2012
		Dr. Hemant Patil	08.05.2013



Rai University
EVOLVING THINKING MINDS

Ahmedabad

Annexure - 9

Stream: B.tech (All)

Subject: WORKSHOP PRACTICE

FIRST YEAR

UNIT NO:	NAME OF THE UNIT	THEORETICAL SESSIONS	PRACTICAL SESSION TOPICS
1	Introduction & Safety	<ul style="list-style-type: none"> ○ To understand the safety and secure working culture in industries and workshops. ○ To learn safety rules of workshops 	NA
1	Sheet Metal Shop	NA	<ul style="list-style-type: none"> ○ Description of tools and operations involved in sheet metal fabrication such as shearing, bending, joining (locked grooves joint, riveting) Exercise like tray, Funnel etc
2	Fitting Shop	NA	<ul style="list-style-type: none"> ○ Introduction to tool and measuring instruments, their use, safe keeping, safety precautions Practical exercises involving sawing, filing, marking, squareness, chipping etc.
4	Carpentry Shop	NA	<ul style="list-style-type: none"> ○ Introduction to tools, instruments and equipments required to shape wooden block. Exercise on cutting, filling and other various operation on woods.

Suggested Reading:

REFERENCE BOOKS	AUTHOR/PUBLICATION
Workshop technology	Raghvanshi
Workshop technology	O.P.Khanna
Workshop technology	Hajra Chaudhary

Stream: B.Tech (All)

Subject: ELEMENTS OF CIVIL ENGINEERING

FIRST YEAR

UNIT NO:	NAME OF THE UNIT	THEORETICAL SESSIONS	PRACTICAL SESSION TOPICS
1	Civil Engineering Materials	<ul style="list-style-type: none"> ○ Properties and use of bricks, stones, stone aggregate, cement and cement concrete ○ Timber Different types of timber, identification, properties and uses of different types of timbers, ○ Fire Resistant Materials Properties and uses anti-vibration and sand ○ Proofing materials. Bitumen and asphalt 	<ul style="list-style-type: none"> ○ To Determine initial setting time of cement ○ To perform slump test ○ Identification of timbers
2	Elementary Surveying	<ul style="list-style-type: none"> ○ Brief idea of chain surveying, compass surveying and leveling, ○ Use of theodolite in alignments 	<ul style="list-style-type: none"> ○ Ranging and chaining of a survey line ○ Study of prismatic compass and taking readings ○ Study and use of a level, simple leveling ○ Study of theodolite and its uses
3	Building Constructions	<ul style="list-style-type: none"> ○ Selection of site for construction of a building ○ Setting out of a building, ○ Various components of a building to be used in: residential building, workshops, factories and power houses. ○ Water supply and sanitation of buildings ○ Idea of Foundations, ○ Special foundations and foundations used for factories 	<ul style="list-style-type: none"> ○ Laying of bricks in different layer using English bond

		<ul style="list-style-type: none"> ○ Power houses. Machine formulations. Elimination of vibrations ○ General principles of brick masonry. ○ Floors and types of flooring with particular reference to industrial floorings ○ Sloping, trussed and RCC roofs for factories 	
4	Irrigation & Transportation Engineering	<ul style="list-style-type: none"> ○ Elementary Hydrology, Sources of water, ○ Watershed Development ○ water requirements and its conservation ○ Hydraulic Structures of Storage ○ Water Conveyance System, ○ Role of Transportation in National development, Transportation Ways, ○ Surface Transportation and Aviation, ○ Elements of Highway materials properties and highway construction, ○ BOT Projects for Highways, ○ Elements of Traffic Engineering and Traffic control. 	○

Suggested Reading:

REFERENCE BOOKS	AUTHOR/PUBLICATION
Elements of civil engineering	Rakesh Ranjan
Elements of civil engineering	B.C.Punamia
Basic Civil Engineering	L.G.Kulkarni

Stream: B.tech (All)

Subject: ENGLISH COMMUNICATION AND LIFE SKILLS -I
SEMESTER-I

UNIT NO:	NAME OF THE UNIT	THEORETICAL SESSIONS	PRACTICAL SESSIONS TOPICS	
1	ENGLISH GRAMMAR FUNDAMENTALS	<ul style="list-style-type: none"> ○ Nouns ○ Nouns: Number ○ Nouns: Gender ○ Adjective ○ Degree of Comparison ○ Articles ○ Grammar exercises 	LAB. BASED	CLASSROOM ACTIVITY
			Nouns Adjectives Degree of Comparison	Degree of Comparison Activity
2	READING & COMPREHENSION	<ul style="list-style-type: none"> ○ Introduction to reading, comprehension and pronunciation ○ Framing answers and making sentences 	LAB. BASED	CLASSROOM ACTIVITY
			Phonics Listening and Speaking	Role Play Reading and Comprehension activities
3	FRAMING SENTENCES AND VOCABULARY	<ul style="list-style-type: none"> ○ Framing Simple Sentences ○ WH questions and use ○ Word Building – Synonyms ○ Word Building – Antonyms ○ Making sentences ○ Introduction and meaning of Role play 	LAB. BASED	CLASSROOM ACTIVITY
			Word Building	Word Building activities Role Play Activities

4	POSITIVE OUTLOOK AND ATTITUDE	<ul style="list-style-type: none"> ○ How positive outlook reduces stress levels ○ Positive Outlook and clothing ○ Overcoming negative Attitude ○ Positive Attitude for Personal Development 	LAB. BASED	CLASSROOM ACTIVITY
				Learning about Positive Outlook Attitude Matters
5	SPOKEN ENGLISH SKILLS AND BODY LANGUAGE	<ul style="list-style-type: none"> ○ Self Introduction ○ General conversations in English ○ Knowing correct body language ○ Correct body language while speaking ○ Do's and don'ts for body Language 	LAB. BASED	CLASSROOM ACTIVITY
				Conversational Skills Self Introduction

Suggested Reading:

English Work Book – Series I & II (Prepared as per syllabus)

Text:

The Adventures of Huckleberry Finn – by Mark Twain

The Return of Vaman – A science fiction novel by Jayant Narlikar

Stream: B.tech (All)

Subject: ELEMENTS OF ELECTRICAL ENGINEERING

FIRST YEAR

UNIT NO:	NAME OF THE UNIT	THEORETICAL SESSIONS	PRACTICAL SESSION TOPICS
1	DC CIRCUIT ANALYSIS AC CIRCUIT ANALYSIS	<ul style="list-style-type: none"> ○ Voltage and current sources, dependent and independent sources, source conversion, Effect of Temperature upon Resistance, Solutions of series and parallel combination, star-delta combination, KVL & KCL, mesh & nodal method, Thevenin's & superposition theorem. ○ Generation Of Alternating Voltages & Currents, Equations of the Alternating Voltages and Currents, Method for the equations of Alternating voltages and currents, Simple and Complex Waveforms, Different forms of E.M.F. Equation, R.M.S. and Average Values, Vector Representation of Alternating Quantities, Addition and Subtraction of Vectors, Complex Algebra, Single phase AC Series and parallel circuits. Generation Of Polyphase Voltages , 3 Phase System, Phase Sequence, Inter Connection Of 3 Phases , Voltage, Current And Power Relationships in Balanced Three Phase Circuits , Power Measurement In Single Phase And 3 Phase Circuits. 	<ul style="list-style-type: none"> ○ Verification of KVL & KCL. ○ Perform series and parallel combination of resistances. ○ Determine active and reactive power through single phase ac circuit. ○ Determine the value of inductance and capacitance through RL, RC, and RLC series circuit. ○ Measurement of power using two wattmeter methods in three phase circuit. ○ Perform star and delta connection on three phase circuit and verify equivalent circuit.
2	ELECTROSTATICS MAGNETISM AND ELECTROMAGNETISM	<ul style="list-style-type: none"> ○ Definitions of Electrostatic, types of capacitors, series and parallel combinations, charging & discharging of capacitor, Energy stored in capacitor. ○ Term related to magnetic circuit, Comparison between Electric and Magnetic Circuits, Series and Parallel Magnetic Circuit, B-H curve. Faraday's Laws of Electromagnetic induction, 	<ul style="list-style-type: none"> ○ Perform turn ratio and polarity test on single phase transformer. ○ Perform load test on single phase transformer and determine efficiency and voltage regulation. ○ Perform Open circuit and

	TRANSFORMER	<p>statically and dynamically induced E.M.F, Fleming's left hand and right hand rule, Self and Mutual Inductance, Inductance in series and parallel.</p> <ul style="list-style-type: none"> ○ Single-phase transformer, basic concepts and construction features, voltage, current and impedance transformation, equivalent circuits, phasor diagram, voltage regulation, losses and efficiency, OC and SC test., Types of transformer. 	short circuit test on single phase transformer.
3	DIGITAL ELECTRONICS	<ul style="list-style-type: none"> ○ Number systems used in digital electronics, decimal binary, octal, hexadecimal, their complements, operation and conversion, floating point and signed numbers, Demorgan's theorem, AND, OR, NOT, NOR, NAND, EX-NOR, EX-OR gates and their representation, truth table, half and full adder circuits, R-S flip flop, J-K flip flop. 	<ul style="list-style-type: none"> ○ Verification of truth tables of AND, OR, NOT, NOR and NAND gates.
4	ELECTRONIC COMPONENTS AND CIRCUITS	<ul style="list-style-type: none"> ○ Introduction to Semiconductors, Diodes, V-I characteristics, Bipolar junction transistors (BJT) and their working, introduction to CC, CB & CE transistor configurations, different configurations and modes of operation of BJT, DC biasing of BJT. 	<ul style="list-style-type: none"> ○ Perform and draw V-I characteristics of P-N junction diode. ○ Perform and draw input and output characteristics of BJT in CE, CB and CC mode.
5	ELECTRIC WIRING ILLUMINATION SAFETY & PROTECTION	<ul style="list-style-type: none"> ○ Connectors & switches, system of wiring, domestic wiring installation, sub circuits in domestic wiring, simple control circuit in domestic installation, industrial electrification. ○ Types of lamps, fixtures & reflectors, illumination schemes for domestic, industrial & commercial premises, Lumen requirements for different categories. ○ Safety, electric shock, first aid for electric shock other hazards of electrical laboratories & safety rules, use of multi-meters, grounding, importance of grounding, equipment of grounding for safety, Circuit protection devices, fuses, MCB, ELCB & relays. 	<ul style="list-style-type: none"> ○ Draw the symbols of different type of protection devices. ○ Draw a chart of different types of switches, connectors and wirings.

Suggested Reading:

REFERENCE BOOKS	AUTHOR/PUBLICATION
Electrical Technology Vol.1	B.L.Theraja- S.Chand Publication.
Basic Electrical Engineering	D.P.Kothari.-Tata McGraw-Hill publication.
Electrical Engineering Fundamentals	Vincent Del Toro-PHI Learning, II Edition.
Fundamentals of Electrical and Electronics Engineering	S.Ghosh- PHI, II Edition.
Integrated Electronics	Millman, Halkias & Parikh- Mc Graw Hill, II Edition
Basic Electrical Engineering	Nagrath & Kothari- III Edition TMH.
Basic Electronics Engineering	J.S. Katre- Max Pub. Pune.
Electrical and Electronic Technology	Hughes- Pearson Education IX Edition

Stream: B.tech (All)

Subject: ENGINEERING GRAPHICS

FIRST YEAR

UNIT NO:	NAME OF THE UNIT	THEORETICAL SESSIONS	PRACTICAL SESSION TOPICS
1	Introduction Engineering Curves	<ul style="list-style-type: none"> ○ Introduction of Graphics tool, ○ Lettering and dimensioning, ○ Construction of geometrical figures like pentagon and hexagon, ○ Introduction to BIS ○ Use of plane scales and Representative Fraction. ○ Classification of Engineering Curves, ○ Construction of Conics, ○ Cycloidal Curves, ○ Involutives and Spirals. 	NA
2	Loci of Points Projections of Points & Lines	<ul style="list-style-type: none"> ○ Path of the points moving on simple arrangements and simple mechanism, ○ slider crank mechanism, ○ Four bar chain mechanism. ○ Introduction to principal planes of projections, Projections of the points located in same quadrant and different quadrants. ○ Projections of line with its inclination to one reference plane and with two reference planes, ○ True length of the line and its inclination with the reference planes. 	NA
3	Projections of Planes Projections of Solids & Section of Solids	<ul style="list-style-type: none"> ○ Concept of different planes, ○ Projections of planes with its inclination to one reference plane and with two reference planes ○ Concept of auxiliary plane method for projections of the plane. ○ Classification of solids. Projections of solids like Cylinder, ○ Cone, Pyramid and Prism with its inclination to one reference plane and 	NA

	Development of Surfaces	<p>with two reference planes, Section of such solids and the true shape of the section.</p> <ul style="list-style-type: none"> ○ Concept of development of the different surfaces, ○ Parallel Line Development and Radial Line Development 	
4	Orthographic	<ul style="list-style-type: none"> ○ Principle of projection, Principal planes of projection, ○ Projections from the pictorial view of the object on the principal planes for View from Front, ○ View from Top and View from Side ○ Using first angle projection method and third angle projection method, ○ Full Sectional View. 	NA
5	Isometrics	<ul style="list-style-type: none"> ○ Isometric Scale, Conversion of orthographic views into isometric projection, ○ Isometric view or drawing. 	NA

Suggested Reading:

REFERENCE BOOKS	AUTHOR/PUBLICATION
Engineering Drawing	N.D.Bhatt
Engineering Graphics	P.J.Shah
Engineering Drawing	P.S.Gill

Stream: B.tech (All)

Subject: ENGINEERING MECHANICS

FIRST YEAR

UNIT NO:	NAME OF THE UNIT	THEORETICAL SESSIONS	PRACTICAL SESSION TOPICS/CASE STUDY TOPICS
1	Introduction	<ul style="list-style-type: none"> • Concept of mechanics and applied mechanics, • Mechanics and applied Mechanics, • Scalar and Vector Quantities, composition and resolution of vectors, • system of units, • Definition of space & time, • Particle, rigid body, force • Examples on bodies at rest and in motion, explanation of branches of this subject. 	NA
2	Fundamentals of Statics	<ul style="list-style-type: none"> • Introduction, • Coplanar, concurrent and non-concurrent, parallel and non-parallel forces, • Composition and resolution of forces, • Moments & couples - their properties, • Combination of coplanar couples and forces, • Equilibrium, free body diagrams, • Analytical conditions of equilibrium for coplanar forces. 	<ul style="list-style-type: none"> • Verification of the laws of polygon of forces.
3	Friction	<ul style="list-style-type: none"> • Concept of friction, • Laws of friction, • Limiting friction and coefficient of friction, • Sliding friction and rolling friction. 	<ul style="list-style-type: none"> • To determine coefficient of friction between 3 pairs of given surfaces.

4	<p>Centre of Gravity</p> <p>Moment of Inertia</p>	<ul style="list-style-type: none"> • Concept of gravity, • Gravitational force, • Centroid and centre of gravity, • Centroid for regular lamina and centre of gravity for regular solids, • Position of centre of gravity of compound bodies and Centroid of composite area, • CG of bodies with portions removed. • Concept of Moment of Inertia and second moment of area, • Radius of gyration, • Theorems of parallel and perpendicular axis, • Second moment of area of common geometrical sections: rectangle, triangle, circle (without derivations). Second moment of area for L.T and I sections, • Section modulus. 	<ul style="list-style-type: none"> • To find out centre of gravity of regular laminas. • To find out centre of gravity of a irregular laminar.
5	Simple Machines	<ul style="list-style-type: none"> • Concept of machine, mechanical advantage, • Velocity ratio and efficiency of a machine, • Their relationship, • Law of machine, • Simple machines (lever, wheel and axle, pulleys, jacks winch crabs only). 	<ul style="list-style-type: none"> • To find the mechanical advantage, velocity ratio and efficiency in the case of Screw Jack • To find the mechanical advantage, velocity ratio and efficiency in the case of Worm and Worm wheel

Suggested Reading:

REFERENCE BOOKS	AUTHOR/PUBLICATION
Mechanics of solids	N.K.Arora
Text Book Of Applied Mechanics	R.K.Rajput
Applied Mechanics	J.G.Rimmer

Stream: B.tech (All)

Subject: ELEMENTS OF MECHANICAL ENGINEERING

FIRST YEAR

UNIT NO:	NAME OF THE UNIT	THEORETICAL SESSIONS	PRACTICAL SESSION TOPICS
1	Introduction Properties of gases Properties of Steam	<ul style="list-style-type: none"> ○ Prime movers, ○ Sources of energy, ○ Types of prime movers, ○ Force and mass, Pressure, Work, Power, Energy, Heat, Temperature, Units of heat, Specific heat capacity, Interchange of heat, Change of state, Mechanical equivalent of heat, Internal energy, Enthalpy, Entropy, efficiency, ○ Statements of Zeroth Law, ○ First law and Second Law of Thermodynamics. ○ Introduction, ○ Boyle's law, Charle's law, Combined gas law, ○ Gas constant, ○ Internal energy, ○ Relation between Cp and Cv, ○ Enthalpy, ○ Non flow process, ○ Constant volume process, ○ Constant pressure process, ○ Isothermal process, ○ Poly-tropic process ○ Adiabatic process ○ Introduction, ○ Steam formation, ○ Types of Steam, ○ Enthalpy of Steam , ○ Specific volume of steam ○ Internal energy of Steam, ○ Non-flow process ○ Measurement of dryness fraction 	N.A
2	Steam Boilers	<ul style="list-style-type: none"> ○ Introduction, ○ Classification, 	○ To Study about the

		<ul style="list-style-type: none"> ○ Comparison Between Water Tube Over The fire Boiler, ○ Factor Affecting The Selection Of A Boiler. ○ Simple vertical boiler, ○ Basic Parts Of Boiler ○ Cochran boiler, ○ Lancashire boiler, ○ Locomotive boiler, ○ Babcock and Wilcox boiler, ○ High pressure boilers, ○ Boiler mountings ○ Boiler accessories ○ Boiler performance. 	Practical Applications Of All Boilers.
3	Heat Engines Internal Combustion Engines	<ul style="list-style-type: none"> ○ Thermal prime movers, ○ Elementary heat engines, ○ Sources of heat, ○ Working substances, ○ Converting machines, ○ Classification of heat engines, ○ Heat engine cycles, ○ Carnot cycle, ○ Rankine cycle, Ottocycle, Diesel cycle ○ Introduction, ○ Classification, ○ Engine details, ○ I.C. Engine Terminology ○ Otto four-stroke cycle, ○ Diesel-four-stroke cycle, ○ Difference between otto cycle and Diesel cycle, ○ Two-stroke cycle, ○ Difference between two-stroke and four-stroke cycle, ○ Governing of IC engine ○ Indicated power (I.P.), ○ Brake Power (B.P.), ○ Efficiencies 	<ul style="list-style-type: none"> ○ To Study About Two & Four Stroke Petrol & Diesel Engine.
4	Pumps & Compressors	<ul style="list-style-type: none"> ○ Introduction, ○ Classification of Pumps ○ Reciprocating pump, ○ Air Chamber, ○ Centrifugal pumps & Priming of Centrifugal Pump, ○ Comparison between Reciprocating & Centrifugal Pumps. ○ Rotary pumps. ○ Uses of Compressed air, ○ Reciprocating compressors, ○ Operation of a compressor, 	<ul style="list-style-type: none"> ○ To Study About The Practical Application of Centrifugal Pumps & Air Compressors

		<ul style="list-style-type: none"> ○ Work for compression, ○ Power required, ○ Reciprocating compressor efficiency, ○ Multistage reciprocating compressors, ○ Rotary Compressors. ○ Comparison Between Reciprocating & Rotodynamic Compressors. 	
5	Refrigeration & Air Conditioning	<ul style="list-style-type: none"> ○ Introduction, ○ Principal & Application Of Refrigeration, ○ Defination of Refrigeration, ○ Refrigerant, ○ Types of refrigerators, ○ Vapour compression refrigerating system, ○ Air Conditioning ○ Window and split air conditioners 	N.A
6	Transmission of Motion and Power	<ul style="list-style-type: none"> ○ Introduction, ○ Methods of drive, ○ Power transmission elements, ○ shaft Spindle and axle, ○ Belt-drive, ○ Pulleys, ○ Power transmitted by a belt, Chain drive, Friction drive, Gear drive. 	N.A

Suggested Reading:

REFERENCE BOOKS	AUTHOR/PUBLICATION
Elements of Mechanical Engineering	H.G. Katariya, J.P Hadiya, S.M.Bhatt
Elements of Mechanical Engineering	P.S.Desai & S.B.Soni,
Elements of Mechanical Engineering	R.K Rajput

Stream: B.tech (All)

Subject: ENGINEERING CHEMISTRY

FIRST YEAR

UNIT NO:	NAME OF THE UNIT	THEORETICAL SESSIONS	PRACTICAL SESSION TOPICS
1	Atoms and Molecules	<ul style="list-style-type: none"> ○ Particle in a box illustrating energy quantization, ○ angular momentum quantization, radial and angular part of H atom, ○ wave functions/orbitals, probability and charge distribution. ○ Homonuclear and heteronuclear diatomic, covalent bonds, ionic bonds and electronegativity concepts, hybridization and shapes of molecules. Non-covalent interaction (Van Der Waals and hydrogen bonding) 	<ul style="list-style-type: none"> ○ Determination of alkalinity in the given water sample. ○ Identification of Functional groups in Organic Compound systematic procedure
2	Water Technology	<ul style="list-style-type: none"> ○ Introduction, ○ sources of water, ○ Impurities in water, ○ hard and soft water, ○ Types of hardness, ○ Scale and sludge formation in boiler Boiler corrosion. ○ Caustic embrittlements, ○ Priming and Foaming, ○ Softening of water, ○ Potable water, ○ Break point of chlorination, ○ Desalination of Brackish water etc. 	<ul style="list-style-type: none"> ○ Estimation of Chloride contents in Water sample – Argentometric Method ○ Estimation of Dissolved Oxygen (DO) in water Sample (Winkler's method). ○ Estimation of Hardness of Water sample – EDTA Method.
3	(a) Lubricants (b) Rubber (c) Polymerization (d) Plastics	<ul style="list-style-type: none"> ○ Definition: Types of lubrication, classification of lubricants and their properties. ○ Functions of lubricants ○ ○ Definition of rubber, Types of Rubber, Application of Rubber ○ ○ Basic concepts, classification and industrial application. ○ ○ Basic concepts, Classification and uses of 	<ul style="list-style-type: none"> ○ Separation of components of chlorophyll using paper chromatography. ○ Determination of approximate pH of a given solution using pH indicators

		plastics	
4	(a) Chemical aspect of Biotechnology (b) Organic Reactions	<ul style="list-style-type: none"> ○ Definition, Benefits through biotechnology – Agriculture, Food quality, Medicines etc. Fermentation, Fermentation processes, Enzymes and its application in industries. ○ Bio fuels and Bio membrane ○ ○ Introduction, Electron displacement effects, Organic intermediates, Types of reactions [addition, elimination and substitution reactions] 	<ul style="list-style-type: none"> ○ To determine strength of given HCl Solution Conductometrically ○ To Determine the concentration of a strong acid by a Potentiometry titration given a Strong base of known concentration
5	(a) Electrochemistry (b) Spectroscopic Techniques	<ul style="list-style-type: none"> ○ Arrhenius theory of electrolytic dissociation, Transport number, Kohlrausch's law, Solubility product, Redox reaction, Electrochemical and concentration cells. ○ General introduction to IR, NMR and Mass spectroscopy 	<ul style="list-style-type: none"> ○ Determination of Molecular Weight and Degree of Polymerization – Viscometry Method. ○ To Prepare Aspirin from salicylic Acid

Suggested Readings:

Reference Books	Author/Publication
Engineering Chemistry	Jain and Jain Publisher Dhanpat Rai Publishing Co
Engineering Chemistry	Dr. O.P. Agrawal Khanna Publishers Delhi
Engineering Chemistry	N. Krishnamurthy, P. Vallinaygam and D. Madhavan Publisher – Prentice – Hall of India Pvt. Ltd. New Delhi
Engineering Chemistry	R. Gopalan, D. Venkappaya and Sulochana Nagarjan
Engineering Chemistry	C. Parameswara Murthy, C.V. Agrawal and Andra Naidu, B.S. Publication, Hyderabad – A.P.

Stream: B.tech (All)

Subject: ENGINEERING PHYSICS

FIRST YEAR

UNIT NO:	NAME OF THE UNIT	THEORETICAL SESSIONS	PRACTICAL SESSION TOPICS
1	Fibre Optics Dielectric	<ul style="list-style-type: none"> ○ Introduction of Fibre Optics, Acceptance angle and numerical aperture, Types of fibre optics, Single and multiple modes, Mode of Propagation of wave in optical fibres, Attenuation, Signal loss and dispersion in Fibre optics advantages of Fibre optics. ○ Dielectric constant, Polar and Non polar Molecules, Polarization of a Dielectric Material, Three electric vectors, Relation between Dielectric constant and susceptibility, Gauss's law in Dielectrics, Types of polarity, Energy stored in dielectric field 	NA
2	Band Theory Of Solid LASERS	<ul style="list-style-type: none"> ○ Effective mass of Electron, Concept of hole, Energy band structure of conductors, insulator and semi conductor, Semiconductor, Intrinsic and Extrinsic semiconductor, types of diodes (simple diode, Zener diode). ○ Introduction of laser, Absorption, Spontaneous and Stimulated Emission, Relation between Einstein's 'A' and 'B' Coefficients, Population Inversion, Optical Pumping, Characteristics of laser beam, Action of laser, Ruby laser, Gaseous laser, Semiconductor laser, Application of Lasers. 	<ul style="list-style-type: none"> ○ Zener diode characteristics. ○ PN junction diode characteristics ○ Band gap determination of a semiconductor ○ Determine variation of resistance with temperature of a semiconductor. ○ To determine the wavelength of a laser source.
3	Special Theory of Relativity Superconductivity	<ul style="list-style-type: none"> ○ Introduction, Frame of reference, Galilean transforms, Michelson Morley experiment, Einstein's postulates of special theory of relativity, Lorentz Transformation Equations, Application of Lorentz Transformation. ○ Introduction of superconductivity, Effect of magnetic field, Meissner effect Classification of super conductor, Characteristics of super conductors, London equations, Elements of BCS Theory, Application of super conductor. 	NA

4	Atomic Physics X-Rays	<ul style="list-style-type: none"> ○ Introduction, Wave-picture of radiation, Energy flow continuity, Black body radiation, Planck's Quantum Hypothesis, Energy in Quantized, Particle Picture of Radiation, Radiation In a stream of photon, Photoelectric effect. ○ Introduction and production of X-rays, Properties of X-rays, Diffraction in X-rays, The Bragg X-ray Spectrometer, Continuous Spectra, Characteristics radiations, Moseley's law, Absorption of X-rays, Compton Effect, Application of X-rays. 	NA
5	Sound Ultrasonic Wave	<ul style="list-style-type: none"> ○ Classification of Sound, Loudness, Weber - Fechner law, Absorption Coefficient, Reverberation, Sabine's formula, Factors affecting acoustics of buildings and their remedies. ○ Introduction and production of ultrasonic wave, properties and detection of ultrasonic, Determination of velocity and application of ultrasonic in Engineering, Application of ultrasonic wave. 	<ul style="list-style-type: none"> ○ Determine the velocity of ultrasonic waves in a liquid.

Suggested Readings:

REFERENCE BOOKS	AUTHOR/PUBLICATION
ENGINEERING PHYSICS	G. VIJYAKUMARI
ENGINEERING PHYSICS	K. RAJGOPALAN
ENGINEERING PHYSICS	R.K.GAUR
ENGINEERING PHYSICS	ABHIJIT NAYAK

Stream: B.tech (All)

Subject: ENVIRONMENTAL STUDIES

FIRST YEAR

UNIT NO:	NAME OF THE UNIT	THEORETICAL SESSIONS	PRACTICAL SESSION TOPICS
1	Introduction to Environment, Ecology and Ecosystem	<ul style="list-style-type: none"> ○ Basic Definitions and Inter-relationships amongst and between them ○ Components of Environment ○ Relationship between different components, ○ Man-Environment relationship, ○ Impact of Technology on the environment, ○ Environmental Degradation. 	NA
2	Ecology & Ecosystems	<ul style="list-style-type: none"> ○ Introduction: Ecology- Classification, ○ Concepts of an ecosystem- structure & function of ecosystem, ○ Components of ecosystem- Producers, Consumers, Decomposers, ○ Energy Flow in Ecosystem. ○ Food Chains: Grazing, Detritus, & Food web ○ Ecological Pyramids. ○ Major Ecosystems: Forest Ecosystem, Grassland Ecosystem, Aquatic Ecosystem, Desert Ecosystem, Estuarine Ecosystem. ○ Bio-Geo- Chemical Cycles- Hydrological Cycle, carbon cycle, Oxygen Cycle, Nitrogen Cycle, Sulfur Cycle. 	NA
3	Environmental Pollution	<ul style="list-style-type: none"> ○ Types of Environmental Pollution (a) Water Pollution: Introduction – Water Quality Standards, Sources of Water Pollution, Classification of water pollutants, Effects of water pollutants, Eutrophication. (b) Air Pollution: Composition of air, Structure of atmosphere, Ambient Air Quality Standards, Classification of air pollutants, Sources of common air pollutants, Effects of common air pollutants. (c) Soil & Noise Pollution: Introduction- Lithosphere, Land Uses, Causes of land Degradation, Sources of Noise Pollution, Effects of ○ Noise pollution. ○ Current Environmental Global Issues: Global Warming & Green Houses Effects, Acid Rain, Depletion of Ozone Layer. 	NA

4	Population & Natural Resources	<ul style="list-style-type: none"> ○ Renewable & Nonrenewable Resources: Renewable Resources, Nonrenewable Resources, Destruction versus Conservation. ○ Water Resources: Water Resources-Indian Scenario, Water Sources- Surface & Ground Water Sources, Uses & overuses of water resources, problems due to Overexploitation of Water Resources ○ Forest Resources: Forest Resources - Indian Scenario, Importance of forests- Ecologically & Economically, Uses of forest products, Forest Types, Deforestations-Causes and effects, Forest Degradation in India ○ Energy Resources : Energy Resources - Indian Scenario , Conventional Energy Sources & its problems, non-conventional energy sources-Advantages & its limitations, Problems due to Overexploitation of Energy Resources 	NA
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Suggested Readings:

Reference Books	Author/Publication
Environmental Studies	R. Rajagopalan,Oxford University Press
Environmental Pollution: Causes, Effects & Control	K.C Agrawal
Environmental Science	Richard T Wright & Bernard J Nebel
Environmental Science	Daniel B Botkin & Edward A Keller
Environment & Ecology	Dr Gourkrishna Dasmohapatra
Introduction To Environmental Engineering and Science	Master Gilbert M.

Stream: B.tech (All)

Subject: ENGLISH COMMUNICATION AND LIFE SKILLS -II

SEMESTER-II

UNIT NO:	NAME OF THE UNIT	THEORETICAL SESSIONS	PRACTICAL SESSIONS TOPICS	
1	ENGLISH GRAMMAR FUNDAMENTALS II	<ul style="list-style-type: none"> ○ Verbs ○ Adverbs ○ Subject and Predicate ○ Tenses ○ Conjunction ○ Grammar exercises 	LAB. BASED	CLASSROOM ACTIVITY
			Verbs Adverbs Tenses Conjunctions	Tenses based activities
2	VOCABULARY	<ul style="list-style-type: none"> ○ Idioms ○ Word Building – Synonyms ○ Word Building – Antonyms ○ Confusing words ○ Homonyms 	LAB. BASED	CLASSROOM ACTIVITY
			Word Building Idioms and Phrases	Word Building Activities
3	READING & COMPREHENSION II	<ul style="list-style-type: none"> ○ Reading and Writing Skills ○ Picture Reading and writing ○ Pronunciation 	LAB. BASED	CLASSROOM ACTIVITY
			Reading and Comprehension Phonics	Picture Reading Exercises Reading & Pronunciation Activities

4	CONFIDENCE BUILDING AND ETIQUETTES	<ul style="list-style-type: none"> ○ Meaning of Self Confidence ○ Ways to build Self Confidence ○ Activities for Confidence Building ○ General Good Manners ○ Dining Etiquettes ○ Telephone Etiquettes 	LAB. BASED	CLASSROOM ACTIVITY
				Dining Etiquettes Activities for Confidence Building Good Manners
5	SELF MANAGEMENT	<ul style="list-style-type: none"> ○ Eating Skills ○ Dressing Skills ○ Grooming Skills 	LAB. BASED	CLASSROOM ACTIVITY
				Eating Skills Dressing Skills Grooming Skills

Text Books:

English Work Book – Series I & II (Prepared as per syllabus)

The Adventures of Huckleberry Finn – by Mark Twain

The Return of Vaman – A science fiction novel by Jayant Narlikar

Suggested Reading:

REFERENCE BOOKS	AUTHOR/PUBLICATION
A Student's Grammar of the English Language	SIDNEY GREENBAUM & RANDOLPH QUIRK-Low Price Edition
English Grammar and Composition	R.C.Jain
High School English Grammar & Composition Revised Edition Revised Edition	Martin, Wren -S. Chand Publisher (2011) Paperback

SYLLABUS

Stream: BBA

Subject: Business Economics I

Semester: I

UNIT NO	NAME OF THE UNIT	THEORETICAL SESSIONS	PRACTICAL SESSION TOPICS/CASE STUDY TOPICS
1	Introduction to Business Economics and Fundamental concepts	<ul style="list-style-type: none"> Nature, Scope, Definitions of Business Economics, Difference between Business Economics and Economics, Contribution and Application of Business Economics to Business. Micro vs. Macro Economics. Economic goods and free goods, price and value. Economic System: Planned economy, free market economy and mixed economy. (D.N. Dwivedi – Chapter – 1 & 18) 	
2	Introduction to Demand, Supply and Elasticity Curve	<ul style="list-style-type: none"> Demand-Definition of demand, want and demand, Theory of Demand, Law of Demand-Usefulness and exceptions, Movement along vs. Shift in Demand Curve Elasticity-Concept & Measurement of Elasticity of Demand, Factors Affecting Elasticity of Demand, Income Elasticity of Demand, Cross Elasticity of Demand, Demand Forecasting (Brief) Supply- Meaning of Supply, Determinants of Supply, Expansion and Contraction of Supply, Increase and Decrease in Supply. Demand and Supply as determinants of Price. (D.N. Dwivedi – Chapter – 8) 	
3	Consumer Behavior and Demand Analysis	<ul style="list-style-type: none"> Cardinal Utility Approach: Diminishing Marginal Utility, Law of Equi-Marginal Utility. Cardinal & Ordinal Utility Approach: Indifference Curves, Marginal Rate of Substitution, Budget Line and Consumer Equilibrium (D.N. Dwivedi – Chapter – 7) 	

4	Cost Analysis & Price Output Decisions	<ul style="list-style-type: none"> • Market: Meaning of Market, Types of Market and their important features: Perfect Competition, Monopoly, Monopolistic Competition and Oligopoly. • Cost: Concept of Cost, Cost Function, Short Run Cost, Long Run Cost, Economies and Diseconomies of Scale, Explicit Cost and Implicit Cost, Private and Social Cost. • Pricing: Under Perfect Competition, Pricing Under Monopoly, Control of Monopoly, Price Discrimination, Pricing Under Monopolistic Competition, Pricing Under Oligopoly. (D.N. Dwivedi – Chapter – 11 & 13) 	
5	Theory of Production	<ul style="list-style-type: none"> • Rent: Concepts of Differential Rent and Scarcity Rent, Economic and Contract Rent, Quasi Rent and Pure Rent • Wages: Concepts of Time Wages, Piece Wages, and Money wages, real Wages and factors determining real Wages. • Production: Meaning and Concept of Production, Factors of Production and Production function, Fixed and Variable Factors, Law of Variable Proportion (Short Run Production Analysis), Law of Returns to a Scale (Long Run Production Analysis) through the use of ISO QUANTS. 	

Suggested Reading:

Reference Books	Author/Publication
Modern Economic Theory	K.K Dewett (S. Chand Publication)
Economics	P. SAMUELSON, W. NORDHAUS. (2009) 18th Edition, McGraw Hill Education
Managerial Economics	Dwivedi, D.N (2008), 7th edition, Vikas Publishing House

BUSINESS MATHEMATICS-I

SEMESTER-I (2014-15)

Unit	Description in detail
1	<p>Set theory and Real nos.: Sets, subsets, equality of two sets, null sets, universal set, complement of a set, Union and intersection of sets, difference of two sets, Venn diagram, laws of algebra of sets, De Morgan's laws, Cartesian product of two sets (theoretical examples based on two or more sets are excluded). Real nos.: Real no., absolute value and its properties (without proof)</p>
2	<p>Matrix Algebra: Definition of determinants, Basic properties of determinants (without proof), Solutions of linear equations in two and three variables using Cramer's formula, Definition of a Matrix, Types of Matrices, Equality, Addition, Subtraction of Matrices, Scalar Multiplication of a Matrix, Multiplication of two Matrices, Transpose of a Matrix, Orthogonal Matrix, Adjoint of a Matrix, Inverse of a Matrix, Solution of linear equations in two and three variables using inverse Matrix.</p>
3	<p>Limit and Differentiation: Limit- meaning and definition of limit, properties of limit (without proof), results of limits Differentiation- Definition of derivative, Working rules of derivatives (without proof), Derivatives of explicit, Composite and implicit functions (without involving trigonometric functions) , Second derivative, Applications of derivative in economic theory, Market equilibrium , price and income elasticity of demand and supply, Marginal revenue and Marginal cost, Relation between average revenue, Marginal revenue and Price elasticity of demand, Maximum and Minimum values of a function, Maximization of total revenue and profit, Minimization of cost.</p>

4	Co ordinate geometry: Cartesian co ordinate system, distance between two points, slope of line, slope of parallel and perpendicular lines, equation of line (i) two point form (ii) point slope form (iii) intercept form (iv) two intercept form (v) general form

Basic Text and Reference Books:

- Business Mathematics, V.K.Kapoor: S. Chand and sons, New Delhi.
- Business Mathematics, Allen R.G.D Macmillan India.
- Business Mathematics by Dr. Amarnath Dikshit & Dr. Jinendra Kumar Jain.
- Business Mathematics by Bari - New Literature publishing company, Mumbai

SYLLABUS

Stream: BBA

Subject: Business Mathematics

Semester: I

UNIT NO	NAME OF THE UNIT	THEORETICAL SESSIONS	PRACTICAL SESSION TOPICS/CASE STUDY TOPICS
1	Matrix Algebra	Definition of determinants, Basic properties of determinants (without proof), Solutions of linear equations in two and three variables using Cramer's formula, Definition of a Matrix, Types of Matrices, Equality, Addition, Subtraction of Matrices, Scalar Multiplication of a Matrix, Multiplication of two Matrices, Transpose of a Matrix, Orthogonal Matrix, Adjoint of a Matrix, Inverse of a Matrix, Solution of linear equations in two and three variables using inverse Matrix.	
2	Functions	Meaning and definition of function, Different types of functions: Linear, Quadratic, Functions used in Economics and Commerce: Supply function & Demand function, Cost function, Revenue function, Profit function, Break-Even point analysis (One point & Two points only), Consumption Function. Mathematical Induction: Principle Sequences & Series: Arithmetic Progression, Geometric Progression	
3	Principle of Counting	Permutation and Combination, Fundamental rule of counting, Meaning and Properties of Permutation, Permutation of n-different things, Permutation of similar things, permutation when things are repeated, Restricted Permutation, Meaning and properties of Combination, Restricted Combination, Some results of Permutation and Combination.	

4	Differential Calculus	Definition of derivative, Working rules of derivatives (without proof), Derivatives of explicit, Composite and implicit functions (without involving trigonometric functions) , Second derivative, Applications of derivative in economic theory, Market equilibrium , price and income elasticity of demand and supply, Marginal revenue and Marginal cost, Relation between average revenue, Marginal revenue and Price elasticity of demand, Maximum and Minimum values of a function, Maximization of total revenue and profit, Minimization of cost.	
5	Integral Calculus	Meaning and definition of Integral & Integration, Indefinite and Definite integration, Rules of Integration (Without proof), Integration by Substitution, Integration by Parts, Integration by partial fraction (Liner Functions only), Definite integration: Definition and Properties of definite integral, Application of Integration: Total Cost from Marginal cost, Total revenue from Marginal revenue.	

Text Books:

Business Mathematics, D.C. Sancheti, V.K.Kapoor, Sultan chand &sons

Suggested Readings:

REFERENCE BOOKS	AUTHOR/PUBLICATION
Business Mathematics,	Kashyap Trivedi ((2010)), 1st edition, Pearson Education
Mathematics for Economics and Business	Bhardwaj. R.S (2000). Excel Books.
Mathematics for Management	Raghavachari. M. ((2004)), McGraw Hill Education
Business Math	Cleaves S. Cheryl, and Hobbs. Margie. J (2008), 7th Edition, Prentice Hall.
Practical Business Math: An Applications Approach,	Tuttle Michael, D. (2008), 8th Edition, Prentice Hall.
Mathematics for Business studies	Dr. J.K. Thukral, 13 th Edition Mayur paperbacks
Business Mathematics	A.P.Verma, Asian books private limited
Business Mathematics	Qazi Zameeruddin, V.K.Khanna &S.K. Bhambri, Vikas publishing house pvt ltd
Business Mathematics	D.C. Sancheti, V.K.Kapoor, Sultan chand &sons

SYLLABUS

Stream: BBA

Subject: English Communication and Life Skills

Semester: I

UNIT NO:	NAME OF THE UNIT	THEORETICAL SESSIONS	PRACTICAL SESSIONS TOPICS	
1	ENGLISH GRAMMAR FUNDAMENTALS	<ul style="list-style-type: none"> ○ Nouns ○ Nouns: Number ○ Nouns: Gender ○ Adjective ○ Degree of Comparison ○ Articles ○ Grammar exercises 	LAB. BASED	CLASSROOM ACTIVITY
			Nouns Adjectives Degree of Comparison	
2	FRAMING SENTENCES AND VOCABULARY	<ul style="list-style-type: none"> ○ Framing Simple Sentences ○ WH questions and use ○ Word Building – Synonyms ○ Word Building – Antonyms ○ Making sentences ○ Introduction and meaning of Role play 	LAB. BASED	CLASSROOM ACTIVITY
			Word Building	Word Building activities Role Play Activities
3	READING & COMPREHENSION	<ul style="list-style-type: none"> ○ Introduction to reading, comprehension and pronunciation ○ Framing answers and making sentences 	LAB. BASED	CLASSROOM ACTIVITY
			Phonics Listening and Speaking	Role Play Reading and Comprehension activities
4	POSITIVE OUTLOOK AND ATTITUDE	<ul style="list-style-type: none"> ○ How positive outlook reduces stress levels 	LAB. BASED	CLASSROOM ACTIVITY

		<ul style="list-style-type: none"> ○ Positive Outlook and clothing ○ Overcoming negative Attitude ○ Positive Attitude for Personal Development 		<p>Learning about Positive Outlook Attitude Matters</p>
5	SPOKEN ENGLISH SKILLS AND BODY LANGUAGE	<ul style="list-style-type: none"> ○ Self Introduction ○ General conversations in English ○ Knowing correct body language ○ Correct body language while speaking ○ Do's and don'ts for body Language 	LAB. BASED	CLASSROOM ACTIVITY
				<p>Conversational Skills Self Introduction</p>

SYLLABUS

Stream: BBA

Subject: Introduction to Computers

Semester: I

UNIT NO:	NAME OF THE UNIT	THEORETICAL SESSIONS	PRACTICAL SESSION TOPICS/CASE STUDY TOPICS
1	Computer Hardware System	<ul style="list-style-type: none"> • Concepts and generation of computer, CPU, Basic Logic Gates, Computer Memory and Mass Storage Devices, Computer Hierarchy, Input Technologies, Output Technologies 	NA
2	Application and System Software	<ul style="list-style-type: none"> • Application and System Software, Compilers and Interpreters, Process of Software Development. Data Analysis using Spreadsheets 	Microsoft Excel, Power point, Word
3	Operating Systems	<ul style="list-style-type: none"> • Functions of Operating Systems, Types of Operating Systems (Batch Processing, Multi tasking, Multi programming and Real time Systems) 	
4	Data Communication and Networks	<ul style="list-style-type: none"> • Concepts of Data Communication, Types of Data-Communication, Communications Media, Concepts of Computer Networks, Primary Network Topologies. • Operation of the Internet, Services provided by Internet, World Wide Web, Intranets and Extranets 	

5	Functional and Enterprise Systems	<ul style="list-style-type: none">• Data, Information and Knowledge Concepts, Decision Making Process, Physical Components of Information Systems, Computer N/W: Need for computer networking (LAN and WAN) their characteristics, features and uses; Networking goals and applications; International, national, public and private networks. Networking aspects of video conferencing, imaging and multimedia.	
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SYLLABUS

Stream: BBA

Subject: Introduction to Accounting

Semester: I

UNIT NO:	NAME OF THE UNIT	THEORETICAL SESSIONS	PRACTICAL SESSION TOPICS/CASE STUDY TOPICS
1	Unit I	Financial Accounting - Introduction to Accounting, Meaning, Process cycle, Advantages of Accounting, Generally Accepted Accounting Principles and Practice (GAAP), Incorporate Financial Reporting, Concept of Accounting equations, Affect of transactions on accounting equations. (Accounting For Managers Dr.sakshi vasudeva ,ch.1,2)	Presentation
2	Unit 2	Accounting Mechanics - Dual recording of transactions in journal, Cash Book, Subsidiary Books and Bank books. Ledger Posting, Bank reconciliation Statement, Rectification of Errors. Depreciation Accounting. (Accounting For Managers Dr.sakshi vasudeva ,ch.5,6,10)	Practical
3	Unit 3	Preparation of Financial Statement: Trial balance and adjustments, Errors disclosed and concealed by Trial balance, final Account (with and without adjustment). (Accountancy S.N. Maheshwari ,ch.5,11,12)	Practical

4	Unit 4	<p>Depreciation, Reserve and Provision: Meaning, causes, needs and factors determining amount of depreciation, methods of depreciation, change in the method of depreciation in between the financial year, sinking fund method, meaning and objective of provision and reserve, distinction between provision and reserve.</p> <p>(Accountancy S.N. Maheshwari ,ch.13)</p>	Practical
5	Unit 5	<p>Single Entry System and Accounting for Non-profit organizations, bill of exchange.</p> <p>(Accountancy S.N. Maheshwari ,ch.14)(Double Entry Book Keeping T.S. Grewal's ,ch. 17.)</p>	Practical

Suggested Reading:

Reference Books	Author/Publication
Accounting for Management	Maheshwari. S.N. Sultan Chand & Sons
BASIC Accounting	M.Y.Khan and P.K.Jain , Tata Mc Grew Hill.
Accounting Theory and Practice	Glautier. M.W.E. And Underdown B. (2010). Financial Times/ Pearson.
Management Accounting	M.A. SAHAF- S.chand
Accounting For Managers	Dr.sakshi vasudeva Galgotia Publishing company

SYLLABUS

Stream: BBA

Subject: Introduction to Business Organizations

Semester: I

UNIT NO:	NAME OF THE UNIT	THEORETICAL SESSIONS	PRACTICAL SESSION TOPICS/CASE STUDY TOPICS
1	Brief idea about different forms of organizing Business	<ul style="list-style-type: none"> • Meaning and features of Sole Proprietorship, Partnership, Co-operative Societies, HUF, Public Enterprises; types/forms of Co-operatives, Partnerships and Public Enterprises. (Part two: Fundamentals of Business organization by Y K Bhushan) 	<ul style="list-style-type: none"> • Role play
2	Joint Stock Company	<ul style="list-style-type: none"> • Meaning, definition under the Indian Company's Act, 1956, types; features; difference between public Ltd. and private Ltd. company, formation procedure - promotion, incorporation, subscription and commencement, study of memorandum of Association, articles of Association, Prospectus, statement in lieu of prospectus, brief idea about winding-up. (Part three: Fundamentals of Business organization by Y K Bhushan) 	<ul style="list-style-type: none"> • Students will study annual reports of various companies
3	Company Management:	<ul style="list-style-type: none"> i) Director—meaning, definition under Company's Act 1956, position, qualifications, number of directors, powers, duties and liabilities; ii) Managing directors and Manager-definition, position, remuneration to Managing Director; iii) Company Secretary- definition, position qualifications appointment, powers and duties. (Part three: Fundamentals of Business organization by Y K Bhushan) 	<ul style="list-style-type: none"> • Presentation

4	Company Meetings :	Shareholders meeting- statutory meeting, AGM, time and place of holding the meeting, notice; purpose of holding these meetings; business transacted at these meetings (Part three: Fundamentals of Business organization by Y K Bhushan)	<ul style="list-style-type: none"> • Role play
5	Business Combinations	Mergers & acquisitions-mergers in India. Networking, Franchising, BPOs & KPOs, E-commerce, On-line trading, patents, trademarks & copyright	<ul style="list-style-type: none"> • Hero-Honda motors—merger and demerger

Suggested Readings:

Reference Books	Author/Publication
Fundamentals of Business Organization and Management	Y.K.Bhushan- Sultan Chand publications
Principles & Practices Of Management	L M Prasad – Himalaya Publishing House
Management	Stoner, Freeman & Gilbert, PHI
Essentials Of Management	Harold Koontz & Weihrich – Tata Mc Graw Hill
Modern Business Organization and Management	Sherlekar- Himalaya Publishing House
Business Organization And Management	B.P.Singh And T.N. Chandra, Dhanpat Rai & Co,

Stream: BBA

Subject: Life Skills

Semester: I

Unit I

- Business Communication:- Definition, Nature, Scope, Purpose, Process, Characteristics of Communication, Elements of communication, Barriers To Communication.
- Types Of Communication:- Interpersonal communication, Intrapersonal communication, Group Communication, Mass Communication, Verbal & Non-Verbal Communication, Two-Way Communication & Difficulties In Two-Way Communication.

Unit II

- Organization Communication:- Importance Of Communication In Management, Need For Communication In Management, Corporate Communication, Communication Concern Of The Manager, Communication Structure In An Organization, Internal Communication System In Organization.
- Etiquette: Telephone Etiquettes, Dining Etiquettes, Business Manners of people of different countries, Business-2- Business Etiquette.

Unit III

- Writing Skills: - The Art of Writing, Importance of skills in written communication, Purpose of Writing, The Audience, clarity in writing, principles of effective writing.
- Negotiation Skills: - Introduction to Negotiation, need, nature of negotiation, factors affecting negotiation, negotiation process.

Unit IV

- **Presentation Skills:-** Elements of presentation, design your presentation, time your presentation, technique to integrate sub- sections into one single whole:-
- Visual Aids, power point presentation, handling questions and debate, to change a written report into a presentation, body language, rehearsal, guidelines for an effective presentation, public speaking, stress management.

Unit V

- **Personality Development:** - What makes a winning personality, personality defined, determinants of personality, how personality is developed, corporate theories on personality development, the development process, what makes a winner.
- **CVS, GD, personal interview:** - writing CVs, order of preparing CV, interview & type of interviews, participating in GD.

Suggested Reading:

1. Soft skill: Know yourself & Know the world; by Dr. K. Alex; Published by S.chand Publication
2. Business and Professional communication; James R. Disanza and Nancy J. Legge; Pearson Education.
3. Business Communication Today Boove, C.L., Thill, J.V. & Chaturvedi, M. (2009, Pearson.
4. Basic Managerial Skills for All- McGrath, E.H, PHI, New Delhi



SYLLABUS

Stream: BBA

Subject: Principles of Management

Semester: I

UNIT NO:	NAME OF THE UNIT	THEORETICAL SESSIONS	PRACTICAL SESSION TOPICS/CASE STUDY TOPICS
1	1	<ul style="list-style-type: none">• Management and its various functions: Definition, nature, scope and function of management, Different schools of Management Thoughts (Scientific Management by F.W.Taylor & 14 principles of Henry Fayol), Management Hierarchy (Ch.1,2,3 –Principles and Practice of Management by L.M.Prasad)• Planning: Nature, Purpose / Significance, Types of planning, Steps in planning, planning premises, Decision Making: types of decisions, impediments in sound decision making, steps in decision making process. (Ch.6,10 – Principles and Practice of Management by L.M.Prasad)	<ul style="list-style-type: none">- Role play- Case of Excel oxygen limited (LM Prasad)- Group discussion
2	2	<ul style="list-style-type: none">• Organizing: Nature, importance, process, formal & informal organizations, Organizational Charts• Departmentaion: Definition, Bases of departmentation, Types of organization structure-functional, divisional, project, matrix organization. Authority: definition, types, responsibility & accountability, delegation; definition, steps in delegation, obstacles to delegation and their elimination, what is decentralization and centralization. (Ch.11 to 15 – Principles and Practice of Management by L.M.Prasad)	<ul style="list-style-type: none">- Role play- Case of The assistant business manager (LM Prasad)
3	3	<ul style="list-style-type: none">• Directing: Nature, importance, role & functions of supervisor• Leadership, leadership styles• Communication: Concept, importance, process, types, barriers and breakdown of communication (Ch.22,25,26 – Principles and Practice of Management by L.M.Prasad)	<ul style="list-style-type: none">- Case of Super engineering company (LM Prasad)

4	4	<ul style="list-style-type: none"> • Human Resource Management: An overview, Human Resource planning, Recruitment, Sources of Recruitment, selection: process, concept of socialization/induction, performance appraisal, Training • Motivation: Concept, designing of reward system, Maslow's theory. (Ch.18,19,23 – Principles and Practice of Management by L.M.Prasad) 	<ul style="list-style-type: none"> - Case of Swetal Finance limited (LM Prasad)
5	5	<ul style="list-style-type: none"> • Controlling: Meaning, importance, types of control, process, and control techniques. (Ch.27, 28 – Principles and Practice of Management by L.M.Prasad) • Social responsibility of business: Responsibility of business towards various stakeholders, responsibility of business to save environment. (Ch.5 – Principles and Practice of Management by L.M.Prasad) (Ch.3- Management by - Stoner, Freeman & Gilbert, PHI) 	<ul style="list-style-type: none"> - Case of Lifebuoy Swasthya Chetna (LM Prasad) - Presentation

Text Book:

L M Prasad – Himalaya Publishing House

Suggested Readings:

Reference Books	Author/Publication
Principles & Practices of Management	L M Prasad – Himalaya Publishing House
Management	Stoner, Freeman & Gilbert, PHI
Essentials of Management	Harold Koontz & Weihrich – Tata Mc Graw Hill
Business Policy and Strategic Management	William F Gluck – Frank Bros & Co.,
Management a Global Perspective	Koontz – Tata Mc Graw Hill

SYLLABUS

Stream: BBA

Subject: Business Economics II

Semester: II

UNIT NO:	NAME OF THE UNIT	THEORETICAL SESSIONS	PRACTICAL SESSION TOPICS/CASE STUDY TOPICS
1	Introduction to Macro Economics and National Income and its determinants	<ul style="list-style-type: none"> An introduction to Macroeconomics: Macroeconomics and Microeconomics, Background of Macroeconomics, Need to study Macroeconomics, Concepts in Macroeconomics The circular flow of Income and expenditure: Introduction, The circular flow of income in a two sector economy, The circular flow of income in a three sector economy, The circular flow of income in a four sector economy National Income: Introduction, National Income Aggregates, Measurement of National Income The classical Model of income determination The Keynesian model of income determination in two sector economy <p>(Macroeconomics: Theory and Policy, Vanita Agarwal)</p>	
2	An Analysis of the Monetary Sector	<ul style="list-style-type: none"> Money: Introduction, Evolution and forms of money, definition of money, Money and Near Money, Functions of money. Significance of money Supply of money: Measures of money supply in India, Theory of Money Supply Demand for Money and Rate of Interest: Fisher's transactions approach to the 	

		<p>quantity theory of money, the Cambridge cash balance approach, classical theory of Interest</p> <ul style="list-style-type: none"> • Demand for money: The Keynesian theory of Interest, portfolio theories of demand for money, transactions theories of demand for money <p>(Macroeconomics: Theory and Policy, Vanita Agarwal)</p>	
3	Inflation and Unemployment	<ul style="list-style-type: none"> • Inflation: Meaning of inflation, measurement of inflation, the economic and social effects of inflation, inflation in India, theories of inflation • Unemployment: Unemployment and related terms, Types of unemployment, Costs of unemployment, Relationship between inflation and unemployment, Modern Philips curve <p>(Macroeconomics: Theory and Policy, Vanita Agarwal)</p>	
4	The open Economy Macroeconomics	<ul style="list-style-type: none"> • Foreign Exchange: Foreign exchange market, exchange rate system, exchange rate determination, fixed vs. flexible exchange rate • Balance of Payment: Meaning and structure of Balance of payment, Double Entry book Keeping, Disequilibrium in the balance of payment, the process of adjustment in the balance of payment • Macroeconomic Policies: Monetary policy, Fiscal Policy <p>(Macroeconomics: Theory and Policy, Vanita Agarwal)</p>	

Suggested Reading:

Reference Books	Author/Publication
Macroeconomics: Theory and Policy	Vanita Agarwal, Pearson Publication
Macro Economics	D.M. Mithani, Himalaya Publishing House, Mumbai

Macro Economics	H.L.Ahuja, S. Chand and Company Ltd., Delhi
Macro Economic theory	M.C.Vaish, Vikas Publishing House, Delhi
Macro Economic Analysis	Edward Shapiro, Galyotia Publications (P) Ltd
Macro Economics	M.L. Seth, Lakshmi Narayan Agarwal Publishers

BUSINESS MATHEMATICS-II

SEMESTER-II (2013-14)

Unit	Description in detail
1	<p>Set theory and Real nos.: Sets, subsets, equality of two sets, null sets, universal set, complement of a set, Union and intersection of sets, difference of two sets, Venn diagram, laws of algebra of sets, De Morgan's laws, Cartesian product of two sets (theoretical examples based on two or more sets are excluded). Real nos.: Real no., absolute value and its properties (without proof)</p>
2	<p>Co ordinate geometry: Cartesian co ordinate system, distance between two points, slope of line, slope of parallel and perpendicular lines, equation of line (i) two point form (ii) point slope form (iii) intercept form (iv) two intercept form (v) general form</p>
3	<p>Ratio, Proportion, Percentage, Profit and Loss: Ratio- definition, continued Ratio, Inverse Ratio Proportion- continued proportion, Direct proportion, inverse proportion, variation, joint variation Percentage- meaning and computation of percentage. Profit and Loss- terms and formula, discount, problem involving cost price, Selling price, marked price.</p>
4	<p>Mathematics in Finance: Simple and Compound interest, nominal and effective rate of interest, concept of present value and amount of a sum, Annuity (only for a fixed period of time), present value of annuity, Sinking funds (with equal payments and equal time intervals)</p>

Basic Text and Reference Books:

- Business Mathematics, V.K.Kapoor: S. Chand and sons, New Delhi.
- Business Mathematics, Allen R.G.D Macmillan India.
- Business Mathematics by Dr. Amarnath Dikshit & Dr. Jinendra Kumar Jain.
- Business Mathematics by Bari - New Literature publishing company, Mumbai

BUSINESS MATHEMATICS-II

SEMESTER-II (2014-15)

Unit	Description in detail
1	<p>Permutation and Combination: Meaning, Fundamental principle of counting, Theorem based on permutation and combination (without proof), Permutations of things not all different, Permutation when repetition is allowed, circular permutations, examples of permutation and combination.</p>
2	<p>Functions and Arithmetic, Geometric Progression : Function- meaning and definition, different types of function (linear, quadratic), function used in economics: Supply, Demand, Cost, Profit and Revenue function, Break- Even- Point analysis(one point and two point only) Arithmetic, Geometric Progression- meaning of sequence and series, A.P.(introduction, sum of a series in A.P., arithmetic mean, representation of terms in A.P.), G.P(introduction, sum of a series in G.P., geometric mean, representation of terms in G.P), examples and application of AP and GP.</p>
3	<p>Ratio, Proportion, Percentage, Profit and Loss: Ratio- definition, continued Ratio, Inverse Ratio Proportion- continued proportion, Direct proportion, inverse proportion, variation, joint variation Percentage- meaning and computation of percentage. Profit and Loss- terms and formula, discount, problem involving cost price, Selling price, marked price</p>
4	<p>Mathematics in Finance: Simple and Compound interest, nominal and effective rate of interest, concept of present value and amount of a sum, Annuity (only for a fixed period of time), present value of annuity, Sinking funds (with equal payments and equal time intervals)</p>

Basic Text and Reference Books:

- Business Mathematics, V.K.Kapoor: S. Chand and sons, New Delhi.
- Business Mathematics, Allen R.G.D Macmillan India.
- Business Mathematics by Dr. Amarnath Dikshit & Dr. Jinendra Kumar Jain.
- Business Mathematics by Bari - New Literature publishing company, Mumbai

SYLLABUS

Stream: BBA

Subject: Business Statistics

Semester: II

UNIT NO	NAME OF THE UNIT	THEORETICAL SESSIONS	PRACTICAL SESSION TOPICS/CASE STUDY TOPICS
1	Statistics Type of Data Classification & Tabulation Graphical representation	<p>Statistics: Introduction, definition of statistics, function of statistics, significance of statistics, limitation of statistics.</p> <p>Type of Data: Define Primary data, significance of Primary data, limitation of primary data, Define Secondary data, significance of Secondary data, limitation of Secondary data.</p> <p>Classification & Tabulation: Introduction, type of Classification, Formation of a Discrete Frequency Distribution, Formation of a Continuous Frequency Distribution, Tabulation of data.</p> <p>Graphical representation: Histogram, polygon, ogives.</p>	
2	Measures of Central Tendency Measures of Variation	<p>Measures of Central Tendency: Introduction, MEAN Define mean for discrete data, problem based discrete data . Define mean when frequency is given for discrete data & problem based on it. Define mean for continuous data: Direct Method, Problem based on Direct Method Assume mean Method, Problem based on Assume mean Method Problem based on find unknown when mean is given. Limitation of mean. MEDIAN Define Median for discrete data, problem based on it.</p>	

		<p>Define median when frequency is given, problem based on it.</p> <p>Define Median for continuous data, problem based on it.</p> <p>Problem based on calculate unknowns When mean & median are given.</p> <p>Limitation of median</p> <p>MODE</p> <p>Define Mode for discrete data, problem based on discrete data.</p> <p>Define Mode for Continuous data, problem based on it.</p> <p>Limitation of Mode .</p> <p>Relation between Mean, Mode and Median.</p> <p>Problem based on Mean, Median and Mode</p> <p>Measures of Variation</p> <p>Significance & Properties of a good measure of variation: Range, Quartile Deviation, Mean Deviation and Standard Deviation.</p>	
3	Correlation Sampling Methods	<p>Correlation :</p> <p>Introduction, Significance of Correlation, range of correlation, Types of correlation: Strong positive correlation, Weak positive correlation, Zero correlation, Weak negative correlation, strong negative correlation, Simple correlation, Scatter Diagram method, Karl Pearson Coefficient of Correlation: Define covariance, Define Karl Pearson Coefficient of Correlation for continuous data is given, problem based on continuous data.</p> <p>Sampling Methods:</p> <p>Basic concepts of population and sample, Census and sample method, size of sample, Method of Sampling</p> <p>Non-Probability sampling methods</p> <p>Convenience Sampling</p> <p>Quota Sampling</p> <p>Probability sampling methods</p> <p>Simple random sampling method</p> <p>Stratified random sampling method</p>	
4	Regression	<p>Regression :</p> <p>Introduction, Regression line x on y, Regression line y on x, To calculate Regression line x on y, To calculate Regression line y on x, Regression coefficient of x on y, Regression coefficient of y on x, problem based on continuous data, relation between correlation and regression coefficient.</p>	

5	Probability Probability Distribution	Probability : Introduction, range of probability, definition of probability , Events, Addition Law, Conditional Probability, Multiplication Law & Bay's theorem [Simple numerical]. Probability Distribution: Binomial Distribution, Poisson Distribution and Normal Distribution	
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Text Book

- Statistical Methods S P Gupta, S Chand Publications

REFERENCE BOOKS	AUTHOR/PUBLICATION
Statistics for Management	Richard I Levin and David S Rubin – PHI
Fundamentals of Statistics	S C Gupta
Basic Statistics for Business and Economics	Paul Global and Raymond J Jossen – Wiley & Sons
Quantitative Approaches in Business Studies	Clare Morris – Pitman

SYLLABUS

Stream: BBA

Subject: Computer Applications in Management

Semester: II

UNIT NO:	NAME OF THE UNIT	THEORETICAL SESSIONS	PRACTICAL SESSION TOPICS/CASE STUDY TOPICS
1	Operating System Concept	<ul style="list-style-type: none"> DOS: Elementary knowledge of DOS commands DIR, CLS, DATE, TIME, MD, CD, RD, RENAM, DEL, BACKUP, RESTORE, COPY, SCANDISK, CHKDSK. Difference between windows and DOS, Introduction to Linux. (Ch.14 – Introduction to Computers by ALEXIS LEON & MATHEWS LEON) 	<ul style="list-style-type: none"> To perform DOS commands
2	Introduction to DBMS	<ul style="list-style-type: none"> Introduction to Database Systems: File System versus a DBMS, Advantages of a DBMS, Describing and Storing Data in a DBMS, Queries in a DBMS, Structure of a DBMS, People who deal with Database. (Ch.29 – Introduction to Computers by ALEXIS LEON & MATHEWS LEON) 	
3	Introduction to SDLC Cycle	<ul style="list-style-type: none"> Systems Development Cycle (SDLC), Phases, Systems development methods, Types of Method knowledge, Conceptual structure. (Ch.17 – Introduction to Computers by ALEXIS LEON & MATHEWS LEON) 	

4	Information Systems Application & Computer Security	<ul style="list-style-type: none"> • Electronic Commerce, M-commerce, Introduction to E-Governance, Cloud computing, Grid computing, Need for computer security: Threats, Firewalls and types, Goals of IT security and need for global approach 	
5	Introduction to Ms Access	<ul style="list-style-type: none"> • Getting Familiar with Access Objects: Tables, Queries, Forms, Reports, and Modules. Creating Tables, adding and deleting records, Querying: creating, saving and editing; joining tables in queries Forms: creating and using forms, Reports: creating and printing reports. (Ch.30 – Introduction to Computers by ALEXIS LEON & MATHEWS LEON) 	<ul style="list-style-type: none"> • Create table in Ms-Access • Perform query • Create forms • Create report in Ms-Access

SYLLABUS

Stream: BBA

Subject: Cost and Management Accounting

Semester: II

UNIT NO:	NAME OF THE UNIT	THEORETICAL SESSIONS	PRACTICAL SESSION TOPICS/CASE STUDY TOPICS
1	Meaning and Scope of Cost Accounting:	Basic Cost Concepts – Elements of Costs, Classification of Costs, Total Cost Build up and Cost Sheet. Life Cycle Costing, Activity Based Costing,	Presentation
2	Labour Cost Control: Overheads:	Direct and Indirect Labour, Steps Involved – Treatment of Idle Time, Holiday Pay, Overtime etc. in Cost Accounts, Casual Workers & Out Workers, Labour Turnover, Methods of Wage Payment. Incentive Plans. Meaning and Classification of Overheads – Treatment of Specific Items of Overheads in Cost Accounts – Stages Involved in Distribution of Overheads – Methods of Absorption of Overheads – Treatment of Under and Over Absorption of Overheads.	Case study
3	Methods of Costing:	Single Output Costing, Job Costing, Contract & Batch Costing.	Presentation

4	Cost-Volume-Profit Analysis:	Cost-Volume-Profit Relationship (BEP, Contribution, margin of safety) Concept of Marginal Costing , Distinction between Marginal and Absorption Costing.	Practical
5	Nature of Management Accounting:	Objectives, Importance & limitations of Management Accounting, Management accountant function. Similarities and Difference Between different types of accounting	Case study

Suggested Readings:

Books	Author/Publication
Cost Accounting	Theory and Problems Maheshwari, S. N. and Mittal, S. N. (2009), Shri Mahavir Book Depot
Cost Accounting	Rajasekaran, (2010), 1 st edition, Pearson Education.
Cost Accounting	Principle Practices Dutta, Mahesh, (2006), 1st edition, Pearson Education.
Cost Accounting	Arora, M.N., (2009), Vikas Publishing House.

SYLLABUS

Stream: BBA

Subject: English Communication and Life Skills

Semester: II

UNIT NO:	NAME OF THE UNIT	THEORETICAL SESSIONS	PRACTICAL SESSIONS TOPICS	
1	ENGLISH GRAMMAR FUNDAMENTALS II	<ul style="list-style-type: none"> ○ Verbs ○ Adverbs ○ Subject and Predicate ○ Tenses ○ Conjunction ○ Grammar exercises 	LAB. BASED	CLASSROOM ACTIVITY
			Verbs Adverbs Tenses Conjunctions	Tenses based activities
2	VOCABULARY	<ul style="list-style-type: none"> ○ Idioms ○ Word Building – Synonyms ○ Word Building – Antonyms ○ Confusing words ○ Homonyms 	LAB. BASED	CLASSROOM ACTIVITY
			Word Building Idioms and Phrases	Word Building Activities
3	READING & COMPREHENSION II	<ul style="list-style-type: none"> ○ Reading and Writing Skills ○ Picture Reading and writing ○ Pronunciation 	LAB. BASED	CLASSROOM ACTIVITY
			Reading and Comprehension Phonics	Picture Reading Exercises Reading & Pronunciation Activities
4	CONFIDENCE BUILDING AND ETIQUETTES	<ul style="list-style-type: none"> ○ Meaning of Self Confidence ○ Ways to build Self Confidence ○ Activities for Confidence Building ○ General Good Manners ○ Dining Etiquettes ○ Telephone Etiquettes 	LAB. BASED	CLASSROOM ACTIVITY
				Dining Etiquettes Activities for Confidence Building Good Manners

5	SELF MANAGEMENT	<ul style="list-style-type: none"> ○ Eating Skills ○ Dressing Skills ○ Grooming Skills 	LAB. BASED	CLASSROOM ACTIVITY
				<ul style="list-style-type: none"> Eating Skills Dressing Skills Grooming Skills

Stream: BBA

Subject: English Communication and Life Skills

Semester: II

Unit I - Grammar Part I

- (a) Noun: Gender, Noun: Number, Noun: Collective Nouns
- (b) Pronoun
- (c) Conjunction
- (d) Synthesis
- (e) Adjective and Degree of Comparison
- (f) Framing Questions and Answers
- (g) Revision of Direct and Indirect Speech
- a) Revision of Active and Passive Voice

Unit II - Word Building and Idioms

- (a) Synonyms
- (b) Antonyms
- (c) Homonyms
- (d) Idioms
- (e) Phrasal Verbs

Unit III - Grammar Part II

(a) Transformation of Sentences

- Add 'too' and remove 'too'
- Change the Degree
- Use of 'No sooner than'
- Question Tags
- Interchange of Negative and Affirmative Sentences

(b) Use of Auxiliary/Helping Verbs

(c) Correct Use of Tenses

Unit IV - Self Management

(a) Eating Skills

(b) Dressing Skills

(c) Grooming Skills

(d) Decision Making Skills

(e) Personal Hygiene and Health Care Skills

Unit V - Self Improvement

(a) Self Awareness and Control

(b) Self Respect and Discipline

(c) Self Esteem and Overcome Inferiority Complex

(d) Develop/Boost Self Confidence

(e) Self Realization, Motivation and Management.

Suggested Reading:

Work Book – Series I & II (Prepared as per syllabus)

SYLLABUS

Stream: BBA

Subject: Growth & Structure of Industries

Semester: II

UNIT NO	NAME OF THE UNIT	THEORETICAL SESSIONS	PRACTICAL SESSION TOPICS/CASE STUDY TOPICS
1	1	<ul style="list-style-type: none"> • Meaning of industry and industrialization, Significance of industrialization in India • Factors hampering industrial development of India/ Problems of industrialization • Meaning and importance of location, • Factors affecting industrial location • Classification of industries <p>(Growth and Structure of Industries by Nirmal Bhalerao and G.R. Arora—Himalaya Publication)</p>	
2	2	<ul style="list-style-type: none"> • Introduction of public sector in India • Objectives of public sector • Roles played by the public sector in India • Role of private sector in India • Service sector in India • Reasons for rapid service growth <p>(Growth and Structure of Industries by Nirmal Bhalerao and G.R. Arora—Himalaya Publication)</p>	
3	3	<ul style="list-style-type: none"> • Small Scale And Cottage Industries • Meaning, characteristics and classification (cottage, SSI and tiny units), Importance of SSI in Indian economy. • Problems faced by SSIs, Promotional measures for SSIs (Government Assistance to SSIs) • The industrial policy 1991 and SSIs. <p>(Growth and Structure of Industries by Nirmal Bhalerao and G.R. Arora—Himalaya Publication)</p>	

4	4	<ul style="list-style-type: none"> • Meaning of industrial sickness, Causes of industrial sickness in India, Government's measures for sick industrial units • Nature of energy problem in India • Sources of energy for Indian industries • Measures to tackle the energy problem in India <p>(Growth and Structure of Industries by Nirmal Bhalerao and G.R. Arora—Himalaya Publication)</p>	
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Suggested Reading:

Reference Books	Author/Publication
Growth and Structure of Industries	Nirmal Bhalerao and G.R. Arora, Himalaya Publication
Indian Economy	Mishra and Puri
Industrial Economy of India	S.S.M. Desai and Bhalerao
Indian Economy"	Ruddar Datt and K. P. M. Sundharam
Industrialisation Economy of India	S. S. M. Desai and Bhlerao
Business Organization	Y. K. Bhushan



SYLLABUS

Stream: BBA

Subject: Organizational Behaviour

Semester: II

UNIT NO:	NAME OF THE UNIT	THEORETICAL SESSIONS	PRACTICAL SESSION TOPICS/CASE STUDY TOPICS
1	1	<p>INTRODUCTION TO ORGANISATIONAL BEHAVIOUR</p> <ul style="list-style-type: none">• Definition of Organisational Behaviour• Contributing disciplines to the field of Organisational Behaviour• Objectives of Organisational Behaviour• Limitations of Organisational Behaviour• Forces affecting the nature of modern organizations• Models of Organisational Behaviour <ol style="list-style-type: none">1) Autocratic2) Custodial3) Supportive4) Collegial5) System <p>Book: Organizational Behavior Authors: Keith Davis & Newstrom-11, Publisher: Tata McGraw</p>	<ul style="list-style-type: none">• Case study
2	2	<p>FOUNDATIONS OF INDIVIDUAL BEHAVIOUR</p> <ul style="list-style-type: none">• Learning-meaning and definition• Attitudes-meaning and definition• Types of attitudes <ol style="list-style-type: none">1) Job satisfaction2) Job involvement3) Organisational commitment <ul style="list-style-type: none">• Personality-Meaning and definition• Major personality attributes influencing Organisational Behaviour <ol style="list-style-type: none">1) Locus of control2) Machiavellianism3) Self-Esteem4) Self –Monitoring	

		<p>5) Risk-taking 6) Type-A Type-B 7) Pro-active personality</p> <p>Book: Organizational Behavior Authors: Stephen Robbins & Seema Sanghi, Publisher: Pearson Education</p>	
3	3	<p>FOUNDATIONS OF GROUP BEHAVIOUR</p> <ul style="list-style-type: none"> • Group –meaning and definition • Stages of group development (5 stage model) • Role: meaning, role- identity, role-perception, role-expectation, role-conflicts, role-ambiguity. • Status : meaning, Sources of status, Significance of status <p>Book: Organizational Behavior Authors: Stephen Robbins & Seema Sanghi, Publisher: Pearson Education</p> <ul style="list-style-type: none"> • Types of teams <ul style="list-style-type: none"> ○ Problem-solving ○ Self-managed ○ Cross-functional ○ Virtual • Skills used in effective team building • Consultation skills • Research & presentation skills • Inter-personal skills <p>Book: Organizational Behavior Authors: Keith Davis & Newstrom-11th edition, Publisher: Tata McGraw</p>	<ul style="list-style-type: none"> • Role Play
4	4	<p>FOUNDATIONS OF ORGANISATIONAL STRUCTURE</p> <ul style="list-style-type: none"> • Types of Organisational structures <ul style="list-style-type: none"> ○ Matrix Organisation ○ Virtual organization ○ Boundaryless Organisation • Power-meaning & definition <ul style="list-style-type: none"> ○ Bases of power ○ Power Tactics <p>Managing change</p> <ul style="list-style-type: none"> • Levin’s 3 step model of change • Implementing change successfully (including building support for change) • Resistance to change (types & reasons) • Organisational Development-meaning & definitions, Benefits and limitations of OD <p>Book: Organizational Behavior Authors: Stephen Robbins & Seema Sanghi, Publisher: Pearson Education</p>	<p>Suggested topics for seminars and presentations:</p> <p>i) Whistle-blowing ii) Communication barriers iii) Performance appraisal and motivation iv) Super leadership</p>

Reference Books	Author/Publication
Organizational Behavior	K Aswathappa/ Himalaya Publishing House
Organizational Behavior	Fred Luthans/Mc Grow- Hill
Organizational Behavior	Jit S Chandan/Vikas Publishing House
Organizational Behavior	Margi Parikh & Rajan Gupta, McGraw-Hill 2010,
Understanding Organizational Behavior	Udai Pareek, Oxford University Press

SYLLABUS

Stream: MBA

Subject: Accounting for Managers

Semester: I

UNIT NO:	NAME OF THE UNIT	THEORETICAL SESSIONS	PRACTICAL SESSION TOPICS/CASE STUDY TOPICS
1	Unit I	Introduction to Financial accounting: Objectives and Importance of Accounting, Accounting concepts, Principles, Accounting Cycle: Journal, Subsidiary Books, Ledger Posting, Preparation of Trial Balance, Classification of Capital and Revenue expenses, depreciation, Preparation of Final Accounts (with and without adjustments), Preparation of balance sheet. (Accounting For Managers Dr.sakshi vasudeva ,ch.1,2,4,8,11)	Presentation
2	Unit 2	Cash flow statement: Understand the Meaning of Cash Flows, Operational, Financial and Investing Activities. Understand the Differences in cash and non cash transactions. Fund flow statement: Meaning, Concept of Gross and Net Working Capital, Preparation of Schedule of Changes in Working Capital, Preparation of Funds Flow Statement and its analysis. (Accountaning for Management S.N. Maheshwari ,Unit 2 ch. 2,3)	Practical
3	Unit 3	Ratio analysis: types, computation and applications Ratio Analysis- solvency ratios, profitability ratios, activity ratios, liquidity ratios, market capitalization ratios. (Accounting For Managers Dr.sakshi vasudeva ,ch.16)	Practical
4	Unit 4	Introduction to Cost Accounting and Cost Concepts: Interface of Financial Accounting with Cost Accounting ,Types and segregation of Costs (variable, fixed, sunk, marginal, opportunity),Cost Units ,Cost Centers.(4) Cost-Volume-Profit Analysis: Cost-Volume-Profit Relationship (BEP, Contribution, margin of safety) Concept of Marginal Costing , Distinction between Marginal and Absorption Costing. Standard Costing and Variance Analysis: Material and Labor.	Practical

5	Unit 5	Inventory Control: Inventory valuation, EOQ, ABC Analysis, JIT, Activity based costing.	Practical
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Reference Books	Author/Publication
Cost Accounting	A Managerial Emphasis, Horngren, Datar, Foster, Rajan, Iitner, Pearson Education.
Management Accounting	M.Y.Khan and P.K.Jain. Tata Mc Graw Hill
Cost Accounting	Arora, M. N. , Vikas Publishing House
Accounting for Management	Maheshwari, S.N, . Sultan Chand & Sons Management Accounting



SYLLABUS

Stream: MBA

Subject: Introduction to management

Semester: I

UNIT NO:	NAME OF THE UNIT	THEORETICAL SESSIONS	PRACTICAL SESSION TOPICS/CASE STUDY TOPICS
1	1	Concept of management: <ul style="list-style-type: none">• Development of management thoughts• Levels of management• Role of a manager• Management hierarchy Planning: <ul style="list-style-type: none">• Nature and significance• Planning process• Prerequisites for Effective Planning, Limitations of Planning (Ch.1, 2, 3, 6 - Principles & Practices of Management by L M Prasad)	<ul style="list-style-type: none">• Personal planning• Role play
2	2	Organizing: <ul style="list-style-type: none">• Nature, formal and informal organization• Organization structures• Centralization and Decentralization Directing: <ul style="list-style-type: none">• Concept and importance Leadership: <ul style="list-style-type: none">• Styles of leadership• Functions of a leader (Ch.12, 13, 22, 25, 2, 3, 6 - Principles & Practices of Management by L M Prasad)	<ul style="list-style-type: none">• Action technology ltd.• Product development team• The new manager
3	3	Staffing: <ul style="list-style-type: none">• Nature, process Motivation:	<ul style="list-style-type: none">• Papat Engineering Company• Group Discussion

		<ul style="list-style-type: none"> • Definitions of Motivation • Motivational techniques , internal and external motivators (Ch.18, 13, 22, 23 - Principles & Practices of Management by L M Prasad) 	
4	4	<p>Controlling:</p> <ul style="list-style-type: none"> • Process • Control techniques <p>Managing communication</p> <ul style="list-style-type: none"> • Process • Communication flows • Barriers of communication (Ch.26-29 - Principles & Practices of Management by L M Prasad) 	<ul style="list-style-type: none"> • Automotive components ltd.
5	5	<p>Social responsibility and ethics:</p> <ul style="list-style-type: none"> • Concept • Social responsibilities towards stakeholders of company <p>International management</p> <ul style="list-style-type: none"> • Reasons for going international • Japanese management and theory Z (Ch.5 - Principles & Practices of Management by L M Prasad) 	<ul style="list-style-type: none"> • Lifebuoy Swasthya Chetna • Presentation

Reference Books	Author/Publication
Essentials of Management	Harold Koontz & Weihrich – Tata Mc Graw Hill
Business Policy and Strategic Management	William F Gluck – Frank Bros & Co.,
Management a Global Perspective	Koontz – Tata Mc Graw Hill
Principles & Practices of Management	L M Prasad – Himalaya Publishing House
Principles & Practices of Management	Saxena
Principles and Practices of Management	Shejwalkar and Ghanekar
Principles of Management	Tripathy PC And Reddy PN, Tata McGraw-Hill
Management , Text & Cases	Rao VSP, Excel books
Management	Stoner, Freeman & Gilbert Jr, Prentice Hall of India

SYLLABUS

Stream: MBA

Subject: Information Technology For Managers

Semester: I

UNIT NO:	NAME OF THE UNIT	THEORETICAL SESSIONS	PRACTICAL SESSION TOPICS/CASE STUDY TOPICS
1	Computer Hardware System	<ul style="list-style-type: none"> ○ Concepts and generation of computer, CPU, Computer Memory and Mass Storage Devices, Input Technologies, Output Technologies 	○
2	Computer Software	<ul style="list-style-type: none"> ○ Application and System Software, Assemblers, Compilers and Interpreters, Process of Software Development. Data Analysis using Spreadsheets 	Microsoft Excel
3	Operating Systems	<ul style="list-style-type: none"> ○ Functions of Operating Systems, Types of Operating Systems (Batch Processing, Multi tasking, Multi programming and Real time Systems) ○ DBMS, Advantages and Disadvantages of DBMS, Data Models, Entity, Attributes, Relationship, Keys, E-R Model 	

4	Data Communication and Networks	<ul style="list-style-type: none"> ○ Concepts of Data Communication, Types of Data-Communication, Communications Media, Concepts of Computer Networks, Primary Network Topologies ○ Intranet and Extranets: Operation of the Internet, Services provided by Internet, World Wide Web, Creating Web Pages using HTML, Intranets and Extranets. 	HTML
5	Functional and Enterprise Systems	<ul style="list-style-type: none"> ○ Data, Information and Knowledge Concepts, Decision Making Process, Physical Components of Information Systems, Computer N/W: Need for computer networking (LAN and WAN) their characteristics, features and uses; Networking goals and applications; International, national, public and private 	

SYLLABUS

Stream: MBA

Subject: English Communication And Life Skills-I

Semester: I

UNIT NO:	NAME OF THE UNIT	THEORETICAL SESSIONS	PRACTICAL SESSIONS TOPICS	
1	INTRODUCTION AND BASICS	<ul style="list-style-type: none"> ○ Meaning, introduction to Soft Skills & Hard Skills. ○ Interdependence and differences between Soft Skills & Hard Skills. ○ Merits of possessing Soft Skills. ○ Significant Soft Skills and ways to develop Soft Skills. 	LAB. BASED	CLASSROOM ACTIVITY
			Pronunciation and Vocabulary	Case Study (Hard Skills vs. Soft Skills) Project Work
2	BUSINESS VOCABULARY I	<ul style="list-style-type: none"> ○ Essential Business Vocabulary for Advertising, Banking, Meetings, etc. ○ Introduction to Business Idioms 	LAB. BASED	CLASSROOM ACTIVITY
			Vocabulary Building	Activities for Business Vocabulary
3	CORPORATE COMMUNICATION	<ul style="list-style-type: none"> ○ Concept of Corporate Communication; meaning and importance ○ Internal & External Communication ○ Channels of Communication 	LAB. BASED	CLASSROOM ACTIVITY
				Project Work
4	BUSINESS COMMUNICATION I	<ul style="list-style-type: none"> ○ Introduction – meaning and importance of 	LAB. BASED	CLASSROOM ACTIVITY

		Business Correspondence and Communication ○ Essential Business Abbreviations ○ English for workplace	Phonics	Role Play Project Work
5	PRESENTATION SKILLS I	○ Self Introduction ○ Elements of a Presentation ○ Do's and don't for preparing a presentation ○ Essentials of Body Language for Presentations.	LAB. BASED	CLASSROOM ACTIVITY
				Self Introduction & Body Language Training

Reference Books	Author/Publication
Business Communication	Second Edition – Asha Kaul. PHL Learning Pvt. Ltd. – New Delhi
Soft Skills – Know Thyself And Know The World	Dr. K. Alex – S.Chand
Refer Project Work Submission	

SYLLABUS

Stream: MBA

Subject: Managerial Economics

Semester: I

UNIT NO:	NAME OF THE UNIT	THEORETICAL SESSIONS	PRACTICAL SESSION TOPICS/CASE STUDY TOPICS
1	General fundamentals of Managerial Economics	<ul style="list-style-type: none"> ○ Introduction to Managerial Economics – Meaning, definition and importance. Circular flow of activity; Nature of the firm; Forms of organizations; Objectives of firms. ○ Demand Analysis; Demand forecasting; Individual and Market Demand. Supply Analysis; Supply Elasticity; Analysis and its uses for managerial decision making. ○ (Managerial Economics – D.N.Dwivedi – Chapter – 1) 	
2	Market Structure	<ul style="list-style-type: none"> ○ Product Markets - Market Structure - Competitive market - Imperfect competition and barriers to entry - Pricing in different markets - Recourse Markets - Pricing and Employment of inputs under different market structures - Wages and wage differentials. ○ (Managerial Economics – Ravikesh Srivastava – Chapter – 5) 	
3	Introduction to National Income	<ul style="list-style-type: none"> ○ Introduction to National Income ○ Models of National Income ○ Determination - Economic Indicators - Technology and Employment - Issues and Challenges; Business and Government. ○ (Managerial Economics – D.N.Dwivedi – Chapter – 20) 	

4	Profit Management & Risk Analysis	<ul style="list-style-type: none"> ○ Nature, Scope, Theories of profit, Measurement policies, Cost – Volume- Profit Analysis. ○ Risk analysis; investment and capital replacement decisions; ○ (Managerial Economics – Ravikesh Srivastava – Chapter – 5) 	
5	National Income, Inflation and Business Cycle	<ul style="list-style-type: none"> ○ National Income; Concepts and various methods of its measurement, Inflation, types and causes, Business Cycle, Concept of Profit and its theories. ○ (Managerial Economics – D.N.Dwivedi – Chapter – 24 & 25) 	

Reference Books	Author/Publication
Principles of Economics	Mithani D.M. (Himalaya Publishing House, 2005).
Managerial Economics	Dwivedi D.N. (Vikas Publication, 7th Edition)
Managerial Economics	Ravikesh Srivastava, 6th Edition)

SYLLABUS

Stream: MBA

Subject: Marketing Management-I

Semester: I

UNIT NO:	NAME OF THE UNIT	THEORETICAL SESSIONS	PRACTICAL SESSION TOPICS/CASE STUDY TOPICS
1	1	<p>Marketing: The Development of Concept:</p> <ul style="list-style-type: none"> • Marketing Definition: Core concepts of Marketing – Needs, Wants, demand, value, exchange, goods and services • Evolution of Marketing – Production; Sales; Marketing; Societal Marketing: Marketing Myopia – Significance of Marketing. • Marketing Mix/Four Ps of marketing (Ch.1 - Marketing Management: A south Asian Perspective by Philip Kotler, Kevin Lane Keller, Abraham Koshy and Mithileshwar Jha) <p>Delivering Customer Values and Satisfaction:</p> <ul style="list-style-type: none"> • Business Components: Stakeholders; Processes; Resources; Organization • Customer Satisfaction: Cost of Losing a Customer; Need for Retention • Relationship Marketing; Attracting and Retaining Customers • Concept of Value – Value Chain; Value Delivery System (Ch.2, 5 -Marketing Management: A south Asian Perspective by Philip Kotler, Kevin Lane Keller, Abraham Koshy and Mithileshwar Jha) 	<ul style="list-style-type: none"> • Role play • Case study: Customer care (Marketing Management: concepts, cases, challenges and trends by M. Govindarajan)

2	2	<p>Marketing Environment:</p> <ul style="list-style-type: none"> • Micro and Macro environmental factors • PEST analysis <p>Strategic Planning in Marketing:</p> <ul style="list-style-type: none"> • Scope and Importance of Strategic Planning: • SBU • The BCG Competitive Advantage Matrix • General Electric Model • Planning New Businesses and Downsizing Existing Businesses- Intensive, Integrative and Diversification Growth; Strategic Business Planning: Business Mission; SWOT Analysis (Ch.5, 9, 10 Marketing Management: Global Perspective Indian Context by V.S.Ramaswamy and S Namakumari) (Ch. 2, 9 -Marketing Management: A south Asian Perspective by Philip Kotler, Kevin Lane Keller, Abraham Koshy and Mithileshwar Jha) 	<ul style="list-style-type: none"> • Case study
3	3	<p>Understanding consumer behavior:</p> <ul style="list-style-type: none"> • Buying Roles, Buyer decision process <p>STP - Market segmentation, targeting & positioning:</p> <ul style="list-style-type: none"> • Bases for market segmentation of consumer goods, Concept of targeting • Positioning – Getting into the Mind of the Consumer; Positioning of a Leader; Follower – Repositioning the Competition – the Power of Name; Pitfalls in Positioning (Ch. 6, 8 - Marketing Management: A south Asian Perspective by Philip Kotler, Kevin Lane Keller, Abraham Koshy and Mithileshwar Jha) 	<ul style="list-style-type: none"> • Debate: is consumer behavior more of a person's age or generation? (Marketing management by Kotler)
4	4	<p>Marketing and Competitive Strategies:</p> <ul style="list-style-type: none"> • The Concept of Competitive Advantage: Porter's Five Forces Model; • Porter's Generic Competitive Strategies <p>Global marketing:</p> <ul style="list-style-type: none"> • Impact of environmental forces on global marketing • Methods of entering a new market • Global marketing strategies (Ch.2, 21 -Marketing Management: A south Asian Perspective by Philip Kotler, Kevin Lane Keller, Abraham Koshy and Mithileshwar Jha) 	<ul style="list-style-type: none"> • Case study

5	5	<p>Marketing of Services</p> <ul style="list-style-type: none"> • Growing Importance of Services in Marketing • Bases for Service Classification • Characteristics of Services: Intangibility; Heterogeneity; Inseparability; Perishability. <p>Marketing organizations, individuals, places and ideas</p> <ul style="list-style-type: none"> • Idea marketing, place marketing, person marketing <p>Marketing management: ethical and social dimensions:</p> <ul style="list-style-type: none"> • Marketing ethics • Corporate social responsibility (Ch. 13, 22 - Marketing Management: A south Asian Perspective by Philip Kotler, Kevin Lane Keller, Abraham Koshy and Mithileshwar Jha) 	<ul style="list-style-type: none"> • Group discussion: is service marketing different from product marketing? • Presentation
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Reference Books	Author/Publication
Marketing Management: A south Asian Perspective	Philip Kotler, Kevin Lane Keller, Abraham Koshy and Mithileshwar Jha. Pearson Education -Prentice Hall, 13th edition
Marketing Management: Global Perspective Indian Context	V.S.Ramaswamy and S Namakumari. Macmillan, 4th edition
Principles of Marketing: A South Asian Perspective	Philip Kotler, Gary Armstrong, Prafulla Y., Eshan ul Haque. Pearson Education -Prentice Hall, 13th edition
Marketing	Warren J Kaegan, Sandra E Moriarty & Thomas.R.Duncan – Prentice Hall
Cases In Marketing Management	Luiz Moutinho – Addison Wesley Longman
Principles of Marketing	Philip Kotler and Gary Armstrong – Pearson Education
Brand Positioning: Strategies for competitive advantage	Subroto Sengupta – Tata McGraw Hill
Marketing Management	S.A Sherlekar – Himalya publishing House, Bombay
Fundamentals of Marketing	William J. Stanton and Charles Futrell – Tata McGraw Hill, New York
Principles and Practice of Marketing in India	C.B Mamoria & R.L Joshi – Kitab Mahal, Allahabad
Fundamentals of Marketing	Stanton
Case Studies in Marketing - Indian context	R.Srinivas



SYLLABUS

Stream: MBA

Subject: Organizational Behavior

Semester: I

UNIT NO:	NAME OF THE UNIT	THEORETICAL SESSIONS	PRACTICAL SESSION TOPICS/CASE STUDY TOPICS
1	1	<p>Foundations of Human Relations And Organizational Behavior:</p> <ul style="list-style-type: none"> • Definitions of Human Relations and Organizational Behavior • Importance and scope of OB • OB model <p>Learning:</p> <ul style="list-style-type: none"> • Learning theories (Ch.1, 7 - Organizational Behavior- Text, cases and games by K Aswathappa/ Himalaya Publishing House) 	<ul style="list-style-type: none"> • Case study: Conceptualize and get sacked (Organizational behavior by K. Aswathappa)
2	2	<p>Perception:</p> <ul style="list-style-type: none"> • Meaning and Significance of Perception – • Factors influencing Perception; • Perceptual Organization: Figure–Ground, Closure, Continuity, Proximity, Similarity, Perceptual Grouping: Perceptual Constancy: Perpetual Context: Perpetual Defense – Social Perception: Attribution; Stereotyping; The Halo Effect <p>Personality and Attitudes</p> <ul style="list-style-type: none"> • Meaning of Personality: Personality Traits • Personality Determinants • Matching Personalities With Jobs • Concept of Attitudes; Source of Attitudes; Types of Attitudes (Ch.5, 6, 8 - Organizational Behavior by K Aswathappa/ Himalaya Publishing House) 	<ul style="list-style-type: none"> • Class activity of perception • Exercise – personality
3	3	<p>Motivation:</p> <ul style="list-style-type: none"> • Definitions of Motivation; Needs , Drives, Incentives – Classification of Motives: Primary 	<ul style="list-style-type: none"> • Class exercise- Motivation • Case study: Google • Group discussion

		<p>Motives; General Motives: Secondary Motives</p> <ul style="list-style-type: none"> Theories of Motivation; Maslow's Hierarchy of needs; Herzberg's two factor Theory of Motivation; Alderfer's ERG Theory – Classification of motives <p>Group dynamics</p> <ul style="list-style-type: none"> Formal and informal groups, Significance of Informal Groups, grapevine <p>(Ch.9, 12 - Organizational Behavior by K Aswathappa/ Himalaya Publishing House)</p>	
4	4	<p>Stress Management:</p> <ul style="list-style-type: none"> Definitions of Stress, The Causes of Stress The effects of Occupational Stress Strategies to Cope with Stress <p>Conflict management:</p> <ul style="list-style-type: none"> Types of conflict, sources of conflict, approaches to manage conflict <p>(Ch. 11, 15 - Organizational Behavior by K Aswathappa/ Himalaya Publishing House)</p>	<ul style="list-style-type: none"> Case study: Round the clock stress (Organizational behavior by K. Aswathappa) Activity - Stress
5	5	<p>Power:</p> <ul style="list-style-type: none"> Definition and Meaning of Power – Distinctions Between Power, Authority and Influence Bases of Power – Coercive Power; Reward Power; Legitimate Power, Expert Power, Referent Power <p>Leadership:</p> <ul style="list-style-type: none"> Definitions of Leadership – Traits of Effective Leaders – Basic theories of leadership <p>Change Management:</p> <ul style="list-style-type: none"> Causes of change Resistance to change How to manage change <p>(Ch. 14, 16, 20 - Organizational Behavior by K Aswathappa/ Himalaya Publishing House)</p>	<ul style="list-style-type: none"> Case study: power Presentations Role play

Reference Books	Author/Publication
Organizational Behavior	Stephen P Robbins/Prentice Hall
Organizational Behavior	K Aswathappa/ Himalaya Publishing House
Organizational Behavior	Fred Luthans/Mc Grow- Hill

Organizational Behavior	Jit S Chandan/Vikas Publishing House
Organizational Behavior & Human Behavior at Work	Keith Davis/TMH
Organizational Behavior	Margi Parikh & Rajan Gupta, McGraw-Hill 2010,
Understanding Organizational Behavior	Udai Pareek, Oxford University Press



Rai University

EVOLVING THINKING MINDS

Ahmedabad

SYLLABUS

Stream: MBA

Subject: Quantitative Techniques

Semester: I

UNIT NO:	NAME OF THE UNIT	THEORETICAL SESSIONS	PRACTICAL SESSION TOPICS/CASE STUDY TOPICS
1	Quantitative Techniques Linear Programming	<p>Introduction: Meaning of Quantitative Techniques, Classification of Quantitative Techniques, Statistical Techniques, Programming or Research Techniques, Important Operations Research Techniques, Role of Quantitative Techniques in Business & Industry, Quantitative Techniques & Business Management, Limitations of Quantitative Techniques.</p> <p>Linear Programming : Meaning of Linear Programming, Fields of Application of Linear Programming, Basic concepts & Notations, General form of the Linear Programming model, Formulation of Linear Programming Model, Graphical solution, Simplex Solution, Interpretation of Simplex Solution, Degeneracy, Non-feasible Solution, Unbounded Solution, Multiple Solution, Limitations of Linear Programming, Transportation Problems, Assignment Problems.</p>	

2	Arranging Data Measures of Central Tendency Measures of Dispersion	<p>Arranging Data: Meaning of Data –Types of Data–Data Collection – Tables and Graphs as Data Presentation Devices, Tables and Graphs as Data Presentation Devices – Frequency Distribution, Skewness and Kurtosis.</p> <p>Measures of Central Tendency: Objectives of Averaging – Requisites of a good Average – Types of Averages – The Arithmetic Mean, Weighted Arithmetic Mean Geometric Mean and Harmonic Mean –The Median and The Mode.</p> <p>Measures of Dispersion: Range – Inter Quartile Range and Quartile Deviation, Mean Deviation and Variance, Standard Deviation, Coefficient of Variation.</p>	
3	Correlation and Regression Analysis	<p>Correlation and Regression Analysis: Types of correlation – Methods of studying correlation – Scatter Diagrams method, Karl Pearson’s Coefficient of Correlation – Merits and Limitations, Spearman’s Rank Correlation Coefficient. Regression Analysis – Scatter diagram – Regression line – Method of least squares, Calculation of Regression coefficients, Standard Error of Estimates</p>	
4	Probability Probability Distributions	<p>Concepts of Probability: Basic probability concepts and Types of probability, Probability Rules – Addition rule, General rule and Multiplication rule.</p> <p>Probability Distributions: Random Variables – Types of Probability Distribution – Discrete Probability Distribution – Continuous Probability Distribution, Binomial, Poisson, Normal and t – Distributions.</p>	
5	Sampling Theory Hypothesis Testing Decision Theory	<p>Sampling Theory: Census Vs sampling methods, probability sampling, non probability sampling, central limit theorem, sampling and non-sampling errors, sampling distribution, standard error and estimation.</p> <p>Hypothesis Testing: Test of Hypothesis – The null hypothesis – The alternative hypothesis – Steps in hypothesis testing – Type-I & II errors, Test of significance for a large sample and small sample, Chi-square test – Chi-square as a test of goodness of fit.</p> <p>Decision Theory: The frame work of decision making – decision making under uncertainty –</p>	

		<p>expected profit under uncertainty – assigning probabilities – calculating conditional profits – expected profit with perfect information, decision theory – marginal analysis – utility as decision criterion, decision tree analysis – guidelines to draw a decision tree – evaluation of decision tree – calculating tree values.</p>	
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Text Book

Statistical Methods S P Gupta, S Chand Publications

Quantitative Techniques- C R Kothari – Vikas

REFERENCE BOOKS	AUTHOR/PUBLICATION
Statistics for Management	Richard I Levin and David S Rubin – PHI
Fundamentals of Statistics	S C Gupta
Basic Statistics for Business and Economics	Paul Global and Raymond J Jossen – Wiley & Sons
Quantitative Approaches in Business Studies	Clare Morris – Pitman
Quantitative Techniques	C R Kothari – Vikas
Operations Research	J K Sharma

SYLLABUS

Stream: MBA

Subject: English Communication And Life Skills-II

Semester: II

UNIT NO:	NAME OF THE UNIT	THEORETICAL SESSIONS	PRACTICAL SESSIONS TOPICS	
1	INTERVIEW MANAGEMENT I	<ul style="list-style-type: none"> ○ Concept of Interview; kinds of interview. ○ Key skills required for an interview ○ CV Writing 	LAB. BASED	CLASSROOM ACTIVITY
				Project Work
2	BUSINESS VOCABULARY II	<ul style="list-style-type: none"> ○ Essential Business Vocabulary for Marketing, Presentations, Money, etc. ○ Business Idioms ○ Enhancers for Business Meetings 	LAB. BASED	CLASSROOM ACTIVITY
			Vocabulary Building	Project Work
3	BUSINESS COMMUNICATION II	<ul style="list-style-type: none"> ○ Cover Letter ○ Job Application Letter ○ Business Letters & E-Mails <ul style="list-style-type: none"> • Thank You Letter • Resignation Letter • Congratulations Letter • Condolence Letter ○ Concept of Memo – Memorandum Writing 	LAB. BASED	CLASSROOM ACTIVITY
				Project of compiling their own CV; Cover Letter and Job Application Letter

4	INTERVIEW MANAGEMENT II	<ul style="list-style-type: none"> ○ Group Discussion Round – meaning and importance ○ Common Interview Questions and how to answer them ○ Body Language during Interview ○ Interview Tips/Do's and don'ts 	LAB. BASED	CLASSROOM ACTIVITY
			Interview Preparation	Mock Interview Round GD Sessions JAM Sessions
5	PRESENTATION SKILLS II	<ul style="list-style-type: none"> ○ Effective use of Visual Aids ○ Enunciation and Speaking Skills Training ○ Innovative Ideas to incorporate in a Presentation 	LAB. BASED	CLASSROOM ACTIVITY
			Phonics	Presentation to be given by students, which will be counted for internal marking

Reference Books	Author/Publication
Business Communication	K.K.Sinha – Galgotia Publishing
Contemporary Business Communication	5 th Edition, Scot Ober, Biztantra
Refer Project Work Submission	



SYLLABUS

Stream: MBA

Subject: EnterpriseWide Information Systems

Semester: II

UNIT NO:	NAME OF THE UNIT	THEORETICAL SESSIONS	PRACTICAL SESSION TOPICS/CASE STUDY TOPICS
1	1	<p>Process view of Organization: Introduction to Business Process – Salient Features and Stages of Reengineering – Reengineering Initiatives – Forms of Reengineering – Feature of BPR – Problems of Functional Division – Technology as Process Enabler – Mapping an Existing Process – Process Redesign and New Process Validation</p> <p>Approaches to Process Improvement: Managerial Implication of Process Reengineering Efforts – Reengineering Roles – Kaizen – Total Quality Management – Implementing New Process – Critical Success factors for Reengineering Projects – Reasons fro BPR Failure – Comparing BPR with TQM.</p>	
2	2	<p>Information System Development:</p> <p>Fundamentals of Information Systems: Defining information – Classification of information – Presentation of information – Benefits of information – Qualify of information – Basics of information systems – Use of information systems in business – Limitation of information systems – Information system design.</p> <p>Management Information Systems: Information Systems for Business operations – Transaction processing systems – Functional information systems – Management information systems – Decision support systems – Executive information systems – Online analytical processing – Information Systems for strategic advantage</p>	

3	3	<p>MIS – Planning and design: MIS planning – MIS design – Systems approach to problem solving – Make or buy decision.</p> <p>MIS – Implementation, evaluation and maintenance: Organizational change and MIS implementation – Planning the MIS implementation – MIS implementation process – Evaluation of the MIS implementation – Challenges in MIS implementation – MIS control and maintenance</p>	
4	4	<p>Enterprise Resource Planning: Evolution of ERP - ERP An overview – Rationale for ERP – Architecture planning – Implementing ERP – Effect of ERP on the company – Overview of ERP modules – Selecting an ERP vendor - – ERP Implementation – Operational advantages in ERP – ERP implementation problems - ERP integration with supply chain planning - ERP investments in the US – ERP market in Indian Scenario - Emerging trend in ERP – Future of ERP application.</p> <p>Supply Chain Applications: An overview – SCM framework – Advanced planning and scheduling systems – forecasting and inventory management – Visibility across supply chain – CPFR - E-supply chain – Managing relationships in the E-supply chain – Issues in E-supply chain management – Future of E-supply chain – Integration of SCM with legacy applications – RFID technology</p> <p>CRM: Overview of CRM - Defining CRM – Functions of CRM – E-CRM architecture – CRM modules - E-CRM infrastructure requirements – CRM for E-customers – Challenges E- CRM projects – Integration of ERP and CRM applications</p>	
5	5	<p>E – Business: Evolution of E – Rise of E – business – Traditional business Vs E- business - Organization culture – Models of E-business</p> <p>Enterprise Application Integration: Defining EAI – Need for EAI - Principles of EAI – Need for EAI – EAI standards – Impact of EAI standards</p> <p>E-Governance: Overview of E-Governance – E-Governance Strategies – E-Governance in India – E-Governance: Key Issues and Challenges</p>	

Reference Books / Magazines	Author/Publication
Information Systems Today, 2e	Leonard Jessup, Joseph Valacich, PHI
Management Information Systems	Laudan & Laudan, Pearson Publications
ERP Strategy	Vinod Kumar Garg, Bharat Vakharia, Jaico

Concepts in Enterprise Resource Planning	Brand, Monk and Wagner – Thomson Learning
Enterprise Resource Planning – Concepts and Practice	Vinod Kumar Garg and N K Venkitakrishnan, PHI
The CRM Handbook	Jill Dyche
Supply Chain Management	Chorpra and Meindl



SYLLABUS

Stream: MBA

Subject: Financial Management

Semester: II

UNIT NO:	NAME OF THE UNIT	THEORETICAL SESSIONS	PRACTICAL SESSION TOPICS/CASE STUDY TOPICS
1	1	Introduction: Scope and objectives of financial management, traditional v/s modern approach, overview of investment and financing decision, profit maximization v/s wealth maximization. Time value of money, risk and return analysis	<ul style="list-style-type: none">• Case study• Quiz
2	2	Capital expenditure decision& Capital Budgeting: Nature of investment of capital - the process of capital budgeting, Financial appraisal of a project by Various methods-Appraisal criteria-Discounted and non discounted methods (PBP, IRR, ROR, NPV, Profitability Index) Leverage Analysis: Concept of leverage, measuring of leverage- operating, financial and total leverage.	<ul style="list-style-type: none">• Class activity• Quiz
3	3	Capital structure theories: Meaning of capital structure, factors effecting capital structure, theories of capital structure (Net income approach, Net operating income approach, traditional approach, Modigliani miller model) Cost of capital: The meaning of cost of capital- cost of different sources of finance- concept and importance- cost of debenture, term loans, equity capital. Calculation of over all cost of capital (Based on historical and market rates)	<ul style="list-style-type: none">• Group discussion• Quiz

4	4	<p>Dividend Policy: Concept of retained earnings and plough back of profits, Relevance and Irrelevance Theories of dividend decision: Walter's Model, Gordon's Model and Modigliani Miller Model; Factors affecting dividend decision. Overview of Working Capital Decision: Concept, components, need & factors affecting working capital requirement, Introduction to Working Capital Financing.</p>	<ul style="list-style-type: none"> • Quiz
5	5	<p>Working Capital Management: Introduction, component, objectives, factors effecting WC, Important WC Ratios Management of Cash and receivables: Difference between Profits and Cash–Need for and Objectives of Cash Management –Factors for Efficient Cash Management, Purpose of receivables, cost of maintaining receivables, credit period, cash discount, monitoring receivables</p>	<ul style="list-style-type: none"> • Presentations

Reference Books	Author/Publication
Financial Management	Pandey I M ,(Vikas, 2004, 9th Ed.)
Financial Management	Khan.M.Y and Jain P.K ,(Tata McGraw Hill, 3rd Ed.)
Fundamentals of Financial Management	Prasanna Chandra, (Tata McGraw Hill, latest ed.)
Financial Management	R P Rustagi ,(Galgotia, 2000, 2nd revised ed.)
Corporate Finance	Damodaran (Wiley, latest edition)

SYLLABUS

Stream: MBA

Subject: Global Business Environment

Semester: II

UNIT NO	NAME OF THE UNIT	THEORETICAL SESSIONS	PRACTICAL SESSION TOPICS/CASE STUDY TOPICS
1	Introduction to Global Business	<ul style="list-style-type: none"> Globalization and International Business; Reasons for going international; Drivers and restrainers of Globalization; International Orientations, Internationalization stages and orientation; international Business Decisions; Types of International Business; Modes of operations in International Business; Difference between International Business and Domestic Business <p>(Text: 1. International Business-Environments and operations-12th Edition-John P. Daniels, Lee H. Radebaugh, Daniel P. Sullivan, Prashant Salwan 2. International Business-Text and Cases-4th Edition- Francis Cherunilam)</p>	<ul style="list-style-type: none"> Globalization of production and markets of Indian Motion Pictures-A case of Krrish(International Business-Environments and operations-12th Edition-John P. Daniels, Lee H. Radebaugh, Daniel P. Sullivan, Prashant Salwan) Wipro Ltd.-The new face of global competition(International Business-Competing in the global marketplace-6th Edition-Charles W L Hill, Arun K Jain)
2	Comparative Environmental Framework	<ul style="list-style-type: none"> National differences in political economy; Differences in Culture; Ethics in International Business <p>(Text: International Business-Competing in the global marketplace-6th Edition-Charles W L Hill, Arun K Jain- Chap: 2,3,4)</p>	<ul style="list-style-type: none"> Different for Gamble (International Business-Text and Cases-4th Edition- Francis Cherunilam) Reading: China-Legal Growing pains in a land opportunity(International Business-Environments and operations-12th Edition-

			<p>John P. Daniels, Lee H. Radebaugh, Daniel P. Sullivan, Prashant Salwan)</p> <ul style="list-style-type: none"> • Sun Life Financial and Indian Economic Surge(International Business-Environments and operations-12th Edition-John P. Daniels, Lee H. Radebaugh, Daniel P. Sullivan, Prashant Salwan) • Crime that pays(International Business-Environments and operations-12th Edition-John P. Daniels, Lee H. Radebaugh, Daniel P. Sullivan, Prashant Salwan) • The poorest Continent (International Business-Competing in the global marketplace-6th Edition-Charles W L Hill, Arun K Jain)
3	Global Trade and Investment	<ul style="list-style-type: none"> • International Trading Environment; GATT/WTO and Global Liberalization; International Monetary System and Foreign Exchange Market; International Economic Organizations; International Investment and Finance (Text: International Business-Text and Cases-4th Edition- Francis Cherunilam Chap: 4,5,6,8,9) 	<ul style="list-style-type: none"> • Reading: Toyota's European Drive(International Business-Environments and operations-12th Edition-John P. Daniels, Lee H. Radebaugh, Daniel P. Sullivan, Prashant Salwan) • Mittal built world's biggest steel firm from scratch- At internet speed(International Business-Competing in the global marketplace-6th Edition-Charles W L Hill, Arun K Jain) • Starbuck's FDI(International Business-Competing in the global marketplace-6th Edition-Charles W L

			<p>Hill, Arun K Jain)</p> <ul style="list-style-type: none"> The rising euro hammers auto parts manufacturers(International Business-Competing in the global marketplace-6th Edition-Charles W L Hill, Arun K Jain)
4	Strategy and structure of International Business	<ul style="list-style-type: none"> The strategy of International Business; the organization of International Business; Entry Strategy and Strategic Alliances; Exporting, Importing and Countertrade; Global Production, outsourcing, and logistics; Global Marketing and R & D; Global Human Resource management; Financial Management in the International Business (Text: International Business-Competing in the global marketplace-6th Edition-Charles W L Hill, Arun K Jain Chap: 12,13,14,15,16,17,18,20) 	<ul style="list-style-type: none"> Wal-Mart's Global Expansion(International Business-Competing in the global marketplace-6th Edition-Charles W L Hill, Arun K Jain) Asian Paints-Global expansion strategy(International Business-Competing in the global marketplace-6th Edition-Charles W L Hill, Arun K Jain) 'Hindustanization' of Lever (International Business-Competing in the global marketplace-6th Edition-Charles W L Hill, Arun K Jain) Procter & Gamble in Japan (International Business-Competing in the global marketplace-6th Edition-Charles W L Hill, Arun K Jain)

Suggested Reading:

Reference Books	Author/Publication
International Business-Competing in the global marketplace	Charles W L Hill, Arun K Jain
International Business-Environments and operations	John P. Daniels, Lee H. Radebaugh, Daniel P. Sullivan, Prashant Salwan
International Business-Text and Cases	Francis Cherunilam

International Business	K Aswathappa
International Business	Michael R. Czinkota, Ilkka A. Ronkainen, Michael H. Moffett
International Business- Text and Cases	P. Subba Rao

SYLLABUS

Stream: MBA

Subject: Human Resource Management

Semester: II

UNIT NO:	NAME OF THE UNIT	THEORETICAL SESSIONS	PRACTICAL SESSION TOPICS/CASE STUDY TOPICS
1	Basics of Human Resources Management	Meaning, Nature and Scope, Difference between HRM and Personnel Management, HRM functions and objectives, Context of HRM, Personnel Management-Functions, Policies and Roles	The case of Bench Management
2	Employment of Human Resources	Human Resource Planning, Job Analysis and Design, Recruitment and Selection, Placement and Induction	Case:- Job Description of an Assistant
3	Developing and Compensating Employed Human Resources	Training and Development, Career and Succession Planning, Performance Appraisal, Job Evaluation, Compensation Administration, Incentives and Employee Benefits	Poor Sanjay Unwanted Promotion
4	Motivating Employees and Industrial Relations Introducing Advanced HRM:	Motivation, Employee Grievances and Discipline, Collective Bargaining, Industrial Relations, Trade Unions, Industrial Disputes HR Audit, HR Accounting, HRIS, e-HR, IHRM	You've got to find what you love Its pays to be tough and Nice Whose side you are on, Anyway?

Suggested Reading:

Reference Books	Author/Publication
Human Resource Management- Text and cases	K Ashwathappa, Latest edition, Tata Mc Grow Hill
Human Resource Management- Text and cases	VSP Rao, Latest Edition, Excel books
Essentials of human resources management and industrial relations	P Subba Rao, Himalaya Publishing House
Human resource management	Garry Dessler, Person



SYLLABUS

Stream: MBA

Subject: Marketing Management-II

Semester: II

UNIT NO:	NAME OF THE UNIT	THEORETICAL SESSIONS	PRACTICAL SESSION TOPICS/CASE STUDY TOPICS
1	1	Marketing Research, MKIS and Demand Forecasting: Meaning and Scope of Marketing Research, The Marketing Research Process, Research Instruments, Data Collection Techniques, Evaluating Data and Preparing a Research Report, Barriers between Marketing Researchers and Managerial Decision Maker, The Importance of Ethical Marketing Research, Meaning and Scope of MKIS , MKIS Components, Market Potential, Company Demand, Company Sales Forecast, Sales Quota and Sales Budget, Current Demand Estimation, Future Demand Estimation (Marketing Management: A south Asian Perspective by Philip Kotler, Kevin Lane Keller, Abraham Koshy and Mithileshwar Jha)	<ul style="list-style-type: none">• Role play• Case study
2	2	Product and Product Lines: Product Personality: Nature of the Product, Product Hierarchy, Product Classification: Durability and Tangibility, Usage, Product Policy: Product Mix, Product Mix Strategies, Managing Product Lines, Product Life Cycle New Product Development: Challenges in New Product Development, Organizing the Product Development Process: Product Managers, Product Committees, Product Departments, Product Venture Teams, Stages of New Product Development: Idea Generation, Idea Screening, Concept Testing and Analysis, Product Development, Test Marketing, Commercialization. (Marketing Management: Global Perspective Indian Context by	<ul style="list-style-type: none">• Case study

		V.S.Ramaswamy and S Namakumari) (Marketing Management: A south Asian Perspective by Philip Kotler, Kevin Lane Keller, Abraham Koshy and Mithileshwar Jha)	
3	3	<p>Branding and Packaging: Brand as a Concept and its Significance: Value and Significance of a Brand, Types of Brands and their Challenges: Brand Challenges, Brand Equity: Selection of a Brand Name, Brand Sponsorship, Brand Strategy Decision: Line Extension, Brand Extension, Brand Rejuvenation, Brand Re-launch, Brand Proliferation, Multi Brands, New Brand Name, Co-brands, New Developments in Brand Management, Packaging and its Importance in Marketing, Labeling: Universal Product Codes.</p> <p>Pricing and Marketing: Significance and Importance of Price to a Marketer, Price and Non-Price Competition, The Process of Setting Prices: Setting Pricing Objectives, Factors Affecting Demand Determination, Analyzing Competitor's Pricing, The Selection of a Pricing Method, The Selection of a Pricing Policy, Approaches to Price Adjustments: Geographical Pricing, Promotional Pricing, Discriminatory Pricing, Discounts and Allowances, Experience Curve Pricing, Product Mix Pricing, Effects of Price Changes: Buyers' Perceptions on the Price Changes, Competitors' Reaction</p> <p>(Marketing Management: A south Asian Perspective by Philip Kotler, Kevin Lane Keller, Abraham Koshy and Mithileshwar Jha)</p>	<ul style="list-style-type: none"> • Debate:
4	4	<p>Channels of Marketing: Nature of Marketing Channels, Role of Marketing Channels: Channel Flow, Channel Levels, Service Sector Channel, Functions of Marketing Channels, Designing Distribution Channels: Analyzing Customer Expectations of Service Output, Formulating Objectives, Evaluating Channel Alternatives, Channel Management: Channel Member Selection, Channel Member's Training, Member Motivation and Evaluation, Modifying Channel Arrangement, Legal and Ethical Issues in Channel Management, Channel Dynamics: Horizontal Marketing System,</p>	<ul style="list-style-type: none"> • Case study

	<p>Vertical Marketing System, Multi Channel Marketing System, Channels and Conflicts: Types of Channel Conflicts, Causes of Channel Conflicts, Managing Channel Conflicts.</p> <p>Logistics and Wholesaling: Objectives of Market Logistics: Delivering Customer Service, Reducing Total Distribution Costs, Reducing Cycle Time, Market Logistic Decisions: Order Processing, Inventory Management, Transportation, Functions of Warehousing, Types of Warehousing, Strategic Issues in Managing Logistics, Growth of Wholesaling, Classification of Wholesalers: Merchant Wholesalers, Agents and Brokers, Manufacturers' Sales Branch and Offices, Market Decisions, Changing Pattern in Wholesaling.</p> <p>Communication Mix in Marketing: Communication and Promotion Process: Communication Process, Types of Communication Channels, Promotion Tools: Advertising, Sales Promotion, Publicity, Public Relation, Personal Selling, Direct Marketing</p> <p>(Marketing Management: A south Asian Perspective by Philip Kotler, Kevin Lane Keller, Abraham Koshy and Mithileshwar Jha)</p>	
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Reference Books	Author/Publication
Marketing Management: A south Asian Perspective	Philip Kotler, Kevin Lane Keller, Abraham Koshy and Mithileshwar Jha. Pearson Education -Prentice Hall, 13th edition
Marketing Management: Global Perspective Indian Context	V.S.Ramaswamy and S Namakumari. Macmillan, 4th edition
Cases In Marketing Management	Luiz Moutinho – Addison Wesley Longman
Principles of Marketing	Philip Kotler and Gary Armstrong – Pearson Education
Brand Positioning: Strategies for competitive advantage	Subroto Sengupta – Tata McGraw Hill
Marketing Management	S.A Sherlekar – Himalya publishing House, Bombay
Fundamentals of Marketing	William J. Stanton and Charles Futrell – Tata McGraw Hill, New York
Case Studies in Marketing - Indian context	R.Srinivas

SYLLABUS

Stream: MBA

Subject: Production & Operation Management

Semester: II

UNIT NO:	NAME OF THE UNIT	THEORETICAL SESSIONS	PRACTICAL SESSION TOPICS/CASE STUDY TOPICS
1	1	<p>Introduction to Production & Operations Management – An Overview, nature, scope, difference, process, Production & manufacturing systems, operations strategy (Brief) Production planning and control – benefits, reason, decisions, levels Forecasting - nature, types, factors affecting forecasting, models Process design, analysis & selection – Make to order, make to stock, Product & service design, product mix (Brief) Production technology – CAD, CAM, types, role, application</p>	<ul style="list-style-type: none"> • Role play • Quiz
2	2	<p>Capacity Location Facility layout – Product, process, matrix, material handling, designs, hybrid (Brief) Aggregate planning – strategies and methods (Brief) Resource requirement - MRP (Brief) Purchase management - make or buy decisions, purchase cycle, policy</p>	<ul style="list-style-type: none"> • Case study • Quiz

3	3	<p>Inventory & Material Management: methods, functions, ABC, EOQ, VED, FSN, P & Q system</p> <p>Quality Management & Modern tools: TQM, Six sigma, DMAIC, ISO series, ISO 9000, statistical quality control, Kanban, kaizen, Lean manufacturing, JIT</p>	<ul style="list-style-type: none"> • Debate • Quiz
4	4	<p>Project management: Project life cycle, PERT, CPM, project crashing</p> <p>(Brief) Shop floor planning and control - Line balancing, line of balance</p> <p>Scheduling (Gantt chart)</p> <p>Supply Chain Management</p>	<ul style="list-style-type: none"> • Presentation on POM system of any selected company

Reference Book	Author/Publication
Production & Operations Management	R. Panneerselvam
Operations Management for Competitive Advantage	Chase R. B., Jacobs, F. R., Aquilano, N. J. and Agarwal N. K.
Operations Management Along the Supply Chain	Russell, Roberta S. and Taylor, Bernard W.
Production & Operations Management	K.Aswathappa &K.Sridhara Bhatt

SYLLABUS

Stream: MBA

Subject: Research Methodology

Semester: II

UNIT NO:	NAME OF THE UNIT	THEORETICAL SESSIONS	PRACTICAL SESSION TOPICS/CASE STUDY TOPICS
1	Introduction	Nature of Research, Basic Terminologies of research, The research Process, research plan and problem	Identifying Research Problem
2	Research Designs	Understanding Research Designs, Qualitative and Quantitative Research, Primary and Secondary Methods of Data Collection - Surveys, Observation and Experimentation, Others	Data Collection Exercise
3	Measurement, Scaling, Instrument Designing and Sampling	Measurement and Scaling, commonly used scales in business research, Reliability and Validity of scales. Questionnaires:- Designing Instrument for data collection, testing the instrument. Sampling Concepts, methods, procedure and sample size decisions	Questionnaire Framing
4	Data Analysis and Presentation	Data Preparation, Hypothesis testing, Introduction to bivariate analysis and multivariate analysis research report writing	Research report components

Suggested Reading:

Reference Books	Author/Publication
Research Methodology	C R Kothari, New Age
Marketing Research	Naresh Malhotra, Person
Business Research Methods	Donald Cooper, Mc Grawhill
Research Methodology	Bhattacharyya Dipak Kumar; Excel

SYLLABUS

Stream: B.Sc. (Biotechnology)

Subject: BIOPHYSICS & INSTRUMENTATION

Semester: I

UNIT NO:	NAME OF THE UNIT	THEORETICAL SESSIONS	PRACTICAL SESSION TOPICS/CASE STUDY TOPICS
1	Water, pH, Buffer	<ul style="list-style-type: none"> Molecular structure of water, hydrogen bonds and physical properties of water, Water a biological solvent, self Ionization of water: K_w and pK_w. Acid, base, ampholytes, pH, pOH, pK_a, weak and strong acids, Physiological importance of pH. Buffers, buffer action, buffer capacity, Henderson – Hasselbalch equation, its limitations and uses, laboratory use of buffers, physiological importance of buffers in body fluids and tissues. <p>(Chap. 1,2 Fundamentals of Biochemistry, J.L.Jain)</p>	1. Preparation of buffer & numerical based on buffer.
2	Biophysics of [A] Viscosity [B] Adsorption [C] Surface Tension [D] Osmotic Pressure	<ul style="list-style-type: none"> Definition, Poiseuille's equation, unit of viscosity, factors affecting viscosity, physiological importance. Principle of adsorption, Orientation of molecules on surface, factors affecting adsorption, application of adsorption. Gibbs – Thomson principle of surface tension and its relation to ST, surface energy, factors affecting surface tension, methods to determine ST, applications of ST. Mechanism of osmotic pressure, Van't Hoff's laws of osmotic pressure, Measurement of osmotic pressure (Pfeiffer's, Berkley's method) 	2. Viscosity measurement of olive oil.

		etc), physiological importance of osmotic pressure, distribution of solutes between two immiscible solvents. (chap. 2, Fundamentals of Biochemistry, Dr. A. C. Deb)	
3	[A] pH meter [B]Colorimeter	<ul style="list-style-type: none"> • Measurement of pH: indicators, pH meter, different types of electrodes, advantages and Disadvantages of different electrodes, principle, working, application, factors affecting pH determination. • Beer-Lamberts Law, principle and working of single cell colorimeter, and double cell colorimeter. <p>Applications, merits and demerits of: colorimeter. (Wilson K and Walker J: Principles and Techniques of Biochemistry and Molecular Biology (6th ed)).</p>	3. Preparation of Different pH solution and its measurements. 4. Estimation of Reducing sugar by Dinitrosalicylic method.
4	Microscopy	<ul style="list-style-type: none"> • Microscope, Types (Light and Electron Overview), • Magnification, • Resolution, • Numerical Aperture, • Use of Oil immersion • objective • Compound Microscope: Principle, Working and Significance <p>(Wilson K and Walker J: Principles and Techniques of Biochemistry and Molecular Biology (6th ed)).</p>	5. Use of microscope and microscopic examination of osazones.

Suggested Readings:

Reference Books	Author/Publication
Text book of biochemistry	West and Todd
Biochemistry	Rastogi S C
Biochemistry	Hames B D
Fundamentals of biochemistry	Deb A C, New Central Book, 2002
Principle of Biochemistry	Lehninger
Biophysical chemistry: Principles and Techniques	Upadhyay and Nath, (3rd ed)

SYLLABUS

Stream: B.Sc. (Biotechnology)

Subject: CHEMISTRY I

Semester: I

UNIT NO:	NAME OF THE UNIT	THEORETICAL SESSIONS	PRACTICAL SESSION TOPICS/CASE STUDY TOPICS
1	Nuclear Chemistry	<ul style="list-style-type: none"> Radioactivity, α, β and γ-rays. Range of particles. Theories of Radioactive disintegration, Law of Radioactive disintegration, Isotopes, Isobars, Isomers, Isotones. Half-life period. Average life, Soddy's group displacement law Radio active equilibrium. Geigor-Nattal law. Mechanism of Radioactivity, Radioactive change, Radioactive series, Nuclear size, Packing fraction, Binding energy. Stability of Nuclear energy. Fission and Fusion. <p>(chap. 4-Essentials of Physical chemistry)</p>	1. To determine amount of Mg^{+2} by EDTA using Eriochrom Black – T.
2	Ionic Equilibria in Aqueous solution	<ul style="list-style-type: none"> Sparingly soluble salts, Common- Ion effect, Selective precipitation, Arrhenius theory of Acids-Bases, The Lowry Bronsted concept, Strength of Acids-Bases, The Lewis concept, The pH scale, Self-Ionization of water. <p>(chap. 5,26,27 -Essentials of Physical chemistry)</p>	2. To determine amount of Ni^{+2} by EDTA using murexide indicator.
3	Alkanes, Alkenes and Alkynes	<ul style="list-style-type: none"> Introduction of Hydrocarbons, Physical properties of alkanes, Higher alkanes-The homologous series, Nomenclature, Alkyl groups, Common names of alkanes, IUPAC names of alkanes, Classes of carbon atom and H-atoms, Physical properties, Geometric Isomerism, Name of alkenes, Nomenclature. Qualitative and quantitative analysis of organic compounds. Molecular formula: its fundamental importance, Quantitative elemental analysis, Quantitative 	3. Analysis of Inorganic Substances: 1. CuS, 2. $MgSO_4$, 3. ZnO, 4. $Sr(NO_3)_2$, 5. $BaCl_2$, 6. KBr, 7. $ZnCO_3$, 8. $AlPO_4$.

		<p>elemental analysis: Carbon, Hydrogen and Halogen (Carius Method), Empirical Formula, Molecular weight: molecular formula, Quantitative elemental analysis (kJeldahl & Dumas methods)</p> <p>(Organic chemistry, Morrison Robert Thornton, Pearson Education, 2004)</p>	
4	Basic Concepts of Coordination Chemistry	<ul style="list-style-type: none"> • Definition of Some Terms, Classification of Ligands, Chelation, Classification of Chelates, Uses of Chelates, Co-ordination Number and Stereochemistry of Complexes, Nomenclature of Co-ordination Compounds. <p>(General chemistry, Ebbing Darrell D, 5th edition)</p>	

Suggested Readings:

Reference Books	Author/Publication
Essentials of Physical chemistry	Bahl Arun, S Chand, 2012
Advanced chemistry	Maple James, London: John Murray, 1996
General chemistry	Ebbing Darrell D, 5 th , A I T B S Publishers, 2002

SYLLABUS

Stream: B.Sc. (Biotechnology)

Subject: COMPUTATIONAL SKILLS

Semester - I

UNIT NO:	NAME OF THE UNIT	THEORETICAL SESSIONS	PRACTICAL SESSION TOPICS/CASE STUDY TOPICS
1	Operating System Concept & Computer Generation	<ul style="list-style-type: none"> DOS: Elementary knowledge of DOS commands DIR, CLS, DATE, TIME, MD, CD, RD, RENAM, DEL, BACKUP, RESTORE, COPY, SCANDISK and CHKDSK. Difference between windows and DOS, Introduction to Linux, Concepts and generation of computer 	1. Basic Commands of DOS
2	Computer Software	<ul style="list-style-type: none"> Application and System Software, Compilers and Interpreters, Process of Software Development. Data Analysis using Spreadsheets 	2. Microsoft Word, Excel, Power Point
3	Introduction to Multimedia	<ul style="list-style-type: none"> Introduction to multimedia, Advantages of multimedia, Applications of multimedia 	
4	Data Communication and Networks	<ul style="list-style-type: none"> Concepts of Data Communication, Types of Data-Communication, Communications Media, Concepts of Computer Networks, Primary Network Topologies, Intranet and Extranets: Operation of the Internet, Services provided by Internet, World Wide Web, Intranets and Extranets. 	

5	Introduction to Ms Access	<ul style="list-style-type: none">• Getting Familiar with Access Objects: Tables, Queries, Forms, Reports, and Modules. Creating Tables, adding and deleting records, Querying: creating, saving and editing; joining tables in queries Forms: creating and using forms, Reports: creating and printing reports	3. Microsoft Access
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SYLLABUS

Stream: B.Sc. (Biotechnology)

Subject: ENGLISH COMMUNICATION AND LIFE SKILLS

Semester-I

UNIT NO:	NAME OF THE UNIT	THEORETICAL SESSIONS	PRACTICAL SESSIONS TOPICS	
1	ENGLISH GRAMMAR FUNDAMENTALS	<ul style="list-style-type: none"> Nouns Nouns: Number Nouns: Gender Adjective Degree of Comparison Articles Grammar exercises 	LAB. BASED	CLASSROOM ACTIVITY
			Nouns Adjectives Degree of Comparison	Degree of Comparison Activity
2	READING & COMPREHENSION	<ul style="list-style-type: none"> Introduction to reading, comprehension and pronunciation Framing answer and making sentences 	LAB. BASED	CLASSROOM ACTIVITY
			Phonics Listening and Speaking	Role Play Reading and Comprehension activities
3	FRAMING SENTENCES AND VOCABULARY	<ul style="list-style-type: none"> Framing Simple Sentences WH questions and use Word Building – Synonyms Word Building – 	LAB. BASED	CLASSROOM ACTIVITY
			Word Building	Word Building activities Role Play

		<p>Antonyms</p> <ul style="list-style-type: none"> • Making sentences • Introduction and meaning of Role play 		Activities
4	POSITIVE OUTLOOK AND ATTITUDE	<ul style="list-style-type: none"> • How positive outlook reduces stress levels • Positive Outlook and clothing • Overcoming negative Attitude • Positive Attitude for Personal Development 	LAB. BASED	CLASSROOM ACTIVITY
				Learning about Positive Outlook Attitude Matters
5	SPOKEN ENGLISH SKILLS AND BODY LANGUAGE	<ul style="list-style-type: none"> • Self Introduction • General conversations in English • Knowing correct body language • Correct body language while speaking • Do's and don'ts for body Language 	LAB. BASED	CLASSROOM ACTIVITY
				Conversational Skills Self Introduction

Suggested Reading:

English Work Book – Series I & II (Prepared as per syllabus)

Text:

The Adventures of Huckleberry Finn – by Mark Twain

The Return of Vaman – A science fiction novel by Jayant Narlikar

SYLLABUS

Stream: B.Sc. (Biotechnology)

Subject: ENVIRONMENTAL SCIENCE

Semester - I

UNIT NO:	NAME OF THE UNIT	THEORETICAL SESSIONS	PRACTICAL SESSION TOPICS/CASE STUDY TOPICS
1	The multidisciplinary nature of environmental studies	<ul style="list-style-type: none"> Environmental Science – definition, scope & importance, Evolution of the universe, origin of the earth; solar system; evolution of life; atmosphere of the primitive earth, abiotic component of environment, Environmental balance, balance in O₂ and CO₂ in air; thermal balance; balance in predator and prey population <p>(Ch-1-Environment and Ecology by Smriti Srivastava) (Ch-1-Basics of Environmental Studies by Shefali shah)</p>	1. Ozone Hole Continues to grow. 2. Problems of Environmental Degradation
2	Ecology	<ul style="list-style-type: none"> Ecology & its branches, scope of Ecology and its relation to other divisions of sciences; autecology and synecology, Concept and structure of ecosystem, functions of ecosystem, Types of Ecosystems, Concept of habitat; ecological niche; guild, Significance of ecological adaptation; ecological adaptation in plants and animals- Zeric adaptations in plants and animals; adaptations of plants and animals to aquatic habitat; arboreal adaptations in plants and animals <p>(Ch-2-Basics of Environmental Studies by Shefali shah)</p>	3. Ecosystem: Based Adaptation. 4. Diversity & Ecosystem Productivity.

3	Ecosystems	<ul style="list-style-type: none"> • Concept and scope of environmental chemistry, chemical toxicology, hazardous chemicals, carcinogens, occupier, effluent etc, • The natural cycles of the environment, Ozone depletion –causes and effects; Global warming – major green house gases, causes and effects; Acid rain –causes and effects, Acid – base reactions in water, Chemistry of decaying compounds, Case Studies. <p>(Ch-4-Basics of Environmental Studies by Shefali shah</p> <p>(Ch-6-Environment and Ecology by Smriti Srivastava</p> <ul style="list-style-type: none"> • Earth - Its interior and surface, Layers of the earth, Earth’s Crust: Formation of Rocks, Major land forms and their transformation, Denudation and its agents: Weathering – Mechanical and chemical - Agents of weathering, Composition of soil, formation and types of soils. <p>(Ch-4-Basics of Environmental Studies by Shefali shah</p>	<p>5. Global Climate change: Evidences & Causes.</p> <p>6. Ecological Niche</p> <p>7. The Rise & Fall of DDT</p> <p>8. Environmental Chemistry of Phosphorus.</p>
4	Biogeochemical cycle	<ul style="list-style-type: none"> • Carbon cycle • Nitrogen cycle • Phosphorus cycle • Oxygen cycle • Water cycle <p>(Ch-2-Basics of Environmental Studies by Shefali shah</p>	<p>9. Poisoning Bhopal.</p> <p>10. The wealth of water.</p>

Suggested Readings:

Reference Books	Author/Publication
Basics Of Environmental studies	Shefali shah,Roopal Goyal,Atul Prakashan
Microbiology	Michael J.Pelczar,Jr.E.C.S. Chan ,Noel R.Krieg-Tata Mc Graw Hill
A Text Book of Microbiology	R.C.Dubey ,D.K.Maheshwari
Environment and Ecology	Smriti Srivastava,S.K.kataria&Sons

SYLLABUS

Stream: B.Sc. (Biotechnology)

Subject: Fundamental of Biotechnology

Semester: I

UNIT NO:	NAME OF THE UNIT	THEORETICAL SESSIONS	PRACTICAL SESSION TOPICS/CASE STUDY TOPICS
1	Introduction to Biotechnology	<ul style="list-style-type: none"> What is Biotechnology? Old and New Biotechnology, History, Interdisciplinary nature, Branches of Biotechnology, Biotechnology in India, Public Perception and Biosafety, Case study : Bt brinjal and Bt cotton. <p>(Biotechnology - Expanding Horizon by B.D. Singh)</p>	1. First aid, hazardous chemicals, antidotes to hazardous and toxic chemicals, safety measures in laboratory. Care of glassware, handling of instruments, planning and recording of experiment.
2	Basic concepts of Genes, DNA & RNA	<ul style="list-style-type: none"> Gene Concepts, Chemical nature of DNA, chemical composition of DNA, Nucleotides, Nucleosides, Polynucleotide, Physical nature of DNA, Chargaff's rule of equivalence, Watson and cricks model of DNA, circular and super helical DNA, Organization of DNA in eukaryotes, Types of DNA, RNA, Various types of RNA, Structure of RNA. <p>(Elements of Biotechnology by P.K.Gupta)</p>	2. Current Good Manufacturing Practices.(cGMP) 3. Preparation of working and stock solution.
3	Basic of Genetic Engineering	<ul style="list-style-type: none"> What is Genetic Engineering?, Basic steps involved in Genetic Engineering, Scope and Importance of Genetic engineering <p>(Biotechnology - Expanding Horizon by B.D. Singh)</p>	4. Preparation of DNA model.
4	Application of Biotechnology	<ul style="list-style-type: none"> Forensics –parental test, DNA fingerprint Transgenic crop- Bt cotton, Transgenic Animals-Dolly Biotechnology in Health care- Diagnostic and treatment. Biotechnology in industries. (Biotechnology - Expanding Horizon by B.D. Singh) 	5. Preparation of Media.

Text Book:

Biotechnology Expanding Horizons by B.D. Singh, Kalyani Publishers, 1998

Elements of Biotechnology by P.K.Gupta, Rastogi Publication.

Suggested Readings:

Reference Books	Author/Publication
An introduction to genetic engineering	Desmond & Nicholl, Cambridge Publication
Principles of biotechnology	Nair A J, Laxmi Publications, 2007
From gene to Genome-concepts and Application of DNA technology	jeremy W. Dale &Malcolm von Schantz, Wiley Publication.
Genome	T.A Brown
Gene X	Lewin

SYLLABUS

Stream: B.Sc. (Biotechnology)

Subject: BIOPHYSICS & INSTRUMENTATION

Semester: I

UNIT NO:	NAME OF THE UNIT	THEORETICAL SESSIONS	PRACTICAL SESSION TOPICS/CASE STUDY TOPICS
1	Water, pH, Buffer	<ul style="list-style-type: none"> Molecular structure of water, hydrogen bonds and physical properties of water, Water a biological solvent, self Ionization of water: Kw and pKw. Acid, base, ampholytes, pH, pOH, pKa, weak and strong acids, Physiological importance of pH. Buffers, buffer action, buffer capacity, Henderson – Hasselbalch equation, its limitations and uses, laboratory use of buffers, physiological importance of buffers in body fluids and tissues. <p>(Chap. 1,2 Fundamentals of Biochemistry, J.L.Jain)</p>	1. Preparation of buffer & numerical based on buffer.
2	Biophysics of [A] Viscosity [B] Adsorption [C] Surface Tension [D] Osmotic Pressure	<ul style="list-style-type: none"> Definition, Poiseuille's equation, unit of viscosity, factors affecting viscosity, physiological importance. Principle of adsorption, Orientation of molecules on surface, factors affecting adsorption, application of adsorption. Gibbs – Thomson principle of surface tension and its relation to ST, surface energy, factors affecting surface tension, methods to determine ST, applications of ST. Mechanism of osmotic pressure, Van't Hoff's laws of osmotic pressure, Measurement of osmotic pressure (Pfeiffer's, Berkley's method) 	2. Viscosity measurement of olive oil.

		etc), physiological importance of osmotic pressure, distribution of solutes between two immiscible solvents. (chap. 2, Fundamentals of Biochemistry, Dr. A. C. Deb)	
3	[A] pH meter [B]Colorimeter	<ul style="list-style-type: none"> • Measurement of pH: indicators, pH meter, different types of electrodes, advantages and Disadvantages of different electrodes, principle, working, application, factors affecting pH determination. • Beer-Lamberts Law, principle and working of single cell colorimeter, and double cell colorimeter. <p>Applications, merits and demerits of: colorimeter. (Wilson K and Walker J: Principles and Techniques of Biochemistry and Molecular Biology (6th ed)).</p>	3. Preparation of Different pH solution and its measurements. 4. Estimation of Reducing sugar by Dinitrosalicylic method.
4	Microscopy	<ul style="list-style-type: none"> • Microscope, Types (Light and Electron Overview), • Magnification, • Resolution, • Numerical Aperture, • Use of Oil immersion • objective • Compound Microscope: Principle, Working and Significance <p>(Wilson K and Walker J: Principles and Techniques of Biochemistry and Molecular Biology (6th ed)).</p>	5. Use of microscope and microscopic examination of osazones.

Suggested Readings:

Reference Books	Author/Publication
Text book of biochemistry	West and Todd
Biochemistry	Rastogi S C
Biochemistry	Hames B D
Fundamentals of biochemistry	Deb A C, New Central Book, 2002
Principle of Biochemistry	Lehninger
Biophysical chemistry: Principles and Techniques	Upadhyay and Nath, (3rd ed)

SYLLABUS

Stream: B.Sc. (Biotechnology)

Subject: CHEMISTRY I

Semester: I

UNIT NO:	NAME OF THE UNIT	THEORETICAL SESSIONS	PRACTICAL SESSION TOPICS/CASE STUDY TOPICS
1	Nuclear Chemistry	<ul style="list-style-type: none"> Radioactivity, α, β and γ-rays. Range of particles. Theories of Radioactive disintegration, Law of Radioactive disintegration, Isotopes, Isobars, Isomers, Isotones. Half-life period. Average life, Soddy's group displacement law Radio active equilibrium. Geigor-Nattal law. Mechanism of Radioactivity, Radioactive change, Radioactive series, Nuclear size, Packing fraction, Binding energy. Stability of Nuclear energy. Fission and Fusion. <p>(chap. 4-Essentials of Physical chemistry)</p>	1. To determine amount of Mg^{+2} by EDTA using Eriochrom Black – T.
2	Ionic Equilibria in Aqueous solution	<ul style="list-style-type: none"> Sparingly soluble salts, Common- Ion effect, Selective precipitation, Arrhenius theory of Acids-Bases, The Lowry Bronsted concept, Strength of Acids-Bases, The Lewis concept, The pH scale, Self-Ionization of water. <p>(chap. 5,26,27 -Essentials of Physical chemistry)</p>	2. To determine amount of Ni^{+2} by EDTA using murexide indicator.
3	Alkanes, Alkenes and Alkynes	<ul style="list-style-type: none"> Introduction of Hydrocarbons, Physical properties of alkanes, Higher alkanes-The homologous series, Nomenclature, Alkyl groups, Common names of alkanes, IUPAC names of alkanes, Classes of carbon atom and H-atoms, Physical properties, Geometric Isomerism, Name of alkenes, Nomenclature. Qualitative and quantitative analysis of organic compounds. Molecular formula: its fundamental importance, Quantitative elemental analysis, Quantitative 	3. Analysis of Inorganic Substances: 1. CuS, 2. $MgSO_4$, 3. ZnO, 4. $Sr(NO_3)_2$, 5. $BaCl_2$, 6. KBr, 7. $ZnCO_3$, 8. $AlPO_4$.

		<p>elemental analysis: Carbon, Hydrogen and Halogen (Carius Method), Empirical Formula, Molecular weight: molecular formula, Quantitative elemental analysis (kJeldahl & Dumas methods)</p> <p>(Organic chemistry, Morrison Robert Thornton, Pearson Education, 2004)</p>	
4	Basic Concepts of Coordination Chemistry	<ul style="list-style-type: none"> • Definition of Some Terms, Classification of Ligands, Chelation, Classification of Chelates, Uses of Chelates, Co-ordination Number and Stereochemistry of Complexes, Nomenclature of Co-ordination Compounds. <p>(General chemistry, Ebbing Darrell D, 5th edition)</p>	

Suggested Readings:

Reference Books	Author/Publication
Essentials of Physical chemistry	Bahl Arun, S Chand, 2012
Advanced chemistry	Maple James, London: John Murray, 1996
General chemistry	Ebbing Darrell D, 5 th , A I T B S Publishers, 2002

SYLLABUS

Stream: B.Sc. (Biotechnology)

Subject: COMPUTATIONAL SKILLS

Semester - I

UNIT NO:	NAME OF THE UNIT	THEORETICAL SESSIONS	PRACTICAL SESSION TOPICS/CASE STUDY TOPICS
1	Operating System Concept & Computer Generation	<ul style="list-style-type: none"> DOS: Elementary knowledge of DOS commands DIR, CLS, DATE, TIME, MD, CD, RD, RENAM, DEL, BACKUP, RESTORE, COPY, SCANDISK and CHKDSK. Difference between windows and DOS, Introduction to Linux, Concepts and generation of computer 	1. Basic Commands of DOS
2	Computer Software	<ul style="list-style-type: none"> Application and System Software, Compilers and Interpreters, Process of Software Development. Data Analysis using Spreadsheets 	2. Microsoft Word, Excel, Power Point
3	Introduction to Multimedia	<ul style="list-style-type: none"> Introduction to multimedia, Advantages of multimedia, Applications of multimedia 	
4	Data Communication and Networks	<ul style="list-style-type: none"> Concepts of Data Communication, Types of Data-Communication, Communications Media, Concepts of Computer Networks, Primary Network Topologies, Intranet and Extranets: Operation of the Internet, Services provided by Internet, World Wide Web, Intranets and Extranets. 	

5	Introduction to Ms Access	<ul style="list-style-type: none">• Getting Familiar with Access Objects: Tables, Queries, Forms, Reports, and Modules. Creating Tables, adding and deleting records, Querying: creating, saving and editing; joining tables in queries Forms: creating and using forms, Reports: creating and printing reports	3. Microsoft Access
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SYLLABUS

Stream: B.Sc. (Biotechnology)

Subject: ENGLISH COMMUNICATION AND LIFE SKILLS

Semester-I

UNIT NO:	NAME OF THE UNIT	THEORETICAL SESSIONS	PRACTICAL SESSIONS TOPICS	
1	ENGLISH GRAMMAR FUNDAMENTALS	<ul style="list-style-type: none"> Nouns Nouns: Number Nouns: Gender Adjective Degree of Comparison Articles Grammar exercises 	LAB. BASED	CLASSROOM ACTIVITY
			Nouns Adjectives Degree of Comparison	Degree of Comparison Activity
2	READING & COMPREHENSION	<ul style="list-style-type: none"> Introduction to reading, comprehension and pronunciation Framing answer and making sentences 	LAB. BASED	CLASSROOM ACTIVITY
			Phonics Listening and Speaking	Role Play Reading and Comprehension activities
3	FRAMING SENTENCES AND VOCABULARY	<ul style="list-style-type: none"> Framing Simple Sentences WH questions and use Word Building – Synonyms Word Building – 	LAB. BASED	CLASSROOM ACTIVITY
			Word Building	Word Building activities Role Play

		<p>Antonyms</p> <ul style="list-style-type: none"> • Making sentences • Introduction and meaning of Role play 		Activities
4	POSITIVE OUTLOOK AND ATTITUDE	<ul style="list-style-type: none"> • How positive outlook reduces stress levels • Positive Outlook and clothing • Overcoming negative Attitude • Positive Attitude for Personal Development 	LAB. BASED	CLASSROOM ACTIVITY
				Learning about Positive Outlook Attitude Matters
5	SPOKEN ENGLISH SKILLS AND BODY LANGUAGE	<ul style="list-style-type: none"> • Self Introduction • General conversations in English • Knowing correct body language • Correct body language while speaking • Do's and don'ts for body Language 	LAB. BASED	CLASSROOM ACTIVITY
				Conversational Skills Self Introduction

Suggested Reading:

English Work Book – Series I & II (Prepared as per syllabus)

Text:

The Adventures of Huckleberry Finn – by Mark Twain

The Return of Vaman – A science fiction novel by Jayant Narlikar

SYLLABUS

Stream: B.Sc. (Biotechnology)

Subject: ENVIRONMENTAL SCIENCE

Semester - I

UNIT NO:	NAME OF THE UNIT	THEORETICAL SESSIONS	PRACTICAL SESSION TOPICS/CASE STUDY TOPICS
1	The multidisciplinary nature of environmental studies	<ul style="list-style-type: none"> Environmental Science – definition, scope & importance, Evolution of the universe, origin of the earth; solar system; evolution of life; atmosphere of the primitive earth, abiotic component of environment, Environmental balance, balance in O₂ and CO₂ in air; thermal balance; balance in predator and prey population <p>(Ch-1-Environment and Ecology by Smriti Srivastava) (Ch-1-Basics of Environmental Studies by Shefali shah)</p>	1. Ozone Hole Continues to grow. 2. Problems of Environmental Degradation
2	Ecology	<ul style="list-style-type: none"> Ecology & its branches, scope of Ecology and its relation to other divisions of sciences; autecology and synecology, Concept and structure of ecosystem, functions of ecosystem, Types of Ecosystems, Concept of habitat; ecological niche; guild, Significance of ecological adaptation; ecological adaptation in plants and animals- Zeric adaptations in plants and animals; adaptations of plants and animals to aquatic habitat; arboreal adaptations in plants and animals <p>(Ch-2-Basics of Environmental Studies by Shefali shah)</p>	3. Ecosystem: Based Adaptation. 4. Diversity & Ecosystem Productivity.

3	Ecosystems	<ul style="list-style-type: none"> • Concept and scope of environmental chemistry, chemical toxicology, hazardous chemicals, carcinogens, occupier, effluent etc, • The natural cycles of the environment, Ozone depletion –causes and effects; Global warming – major green house gases, causes and effects; Acid rain –causes and effects, Acid – base reactions in water, Chemistry of decaying compounds, Case Studies. <p>(Ch-4-Basics of Environmental Studies by Shefali shah (Ch-6-Environment and Ecology by Smriti Srivastava</p> <ul style="list-style-type: none"> • Earth - Its interior and surface, Layers of the earth, Earth’s Crust: Formation of Rocks, Major land forms and their transformation, Denudation and its agents: Weathering – Mechanical and chemical - Agents of weathering, Composition of soil, formation and types of soils. <p>(Ch-4-Basics of Environmental Studies by Shefali shah</p>	<p>5. Global Climate change: Evidences & Causes.</p> <p>6. Ecological Niche</p> <p>7. The Rise & Fall of DDT</p> <p>8. Environmental Chemistry of Phosphorus.</p>
4	Biogeochemical cycle	<ul style="list-style-type: none"> • Carbon cycle • Nitrogen cycle • Phosphorus cycle • Oxygen cycle • Water cycle <p>(Ch-2-Basics of Environmental Studies by Shefali shah</p>	<p>9. Poisoning Bhopal.</p> <p>10. The wealth of water.</p>

Suggested Readings:

Reference Books	Author/Publication
Basics Of Environmental studies	Shefali shah,Roopal Goyal,Atul Prakashan
Microbiology	Michael J.Pelczar,Jr.E.C.S. Chan ,Noel R.Krieg-Tata Mc Graw Hill
A Text Book of Microbiology	R.C.Dubey ,D.K.Maheshwari
Environment and Ecology	Smriti Srivastava,S.K.kataria&Sons

SYLLABUS

Stream: B.Sc. (Biotechnology)

Subject: Fundamental of Biotechnology

Semester: I

UNIT NO:	NAME OF THE UNIT	THEORETICAL SESSIONS	PRACTICAL SESSION TOPICS/CASE STUDY TOPICS
1	Introduction to Biotechnology	<ul style="list-style-type: none"> What is Biotechnology? Old and New Biotechnology, History, Interdisciplinary nature, Branches of Biotechnology, Biotechnology in India, Public Perception and Biosafety, Case study : Bt brinjal and Bt cotton. <p>(Biotechnology - Expanding Horizon by B.D. Singh)</p>	1. First aid, hazardous chemicals, antidotes to hazardous and toxic chemicals, safety measures in laboratory. Care of glassware, handling of instruments, planning and recording of experiment.
2	Basic concepts of Genes, DNA & RNA	<ul style="list-style-type: none"> Gene Concepts, Chemical nature of DNA, chemical composition of DNA, Nucleotides, Nucleosides, Polynucleotide, Physical nature of DNA, Chargaff's rule of equivalence, Watson and cricks model of DNA, circular and super helical DNA, Organization of DNA in eukaryotes, Types of DNA, RNA, Various types of RNA, Structure of RNA. <p>(Elements of Biotechnology by P.K.Gupta)</p>	2. Current Good Manufacturing Practices.(cGMP) 3. Preparation of working and stock solution.
3	Basic of Genetic Engineering	<ul style="list-style-type: none"> What is Genetic Engineering?, Basic steps involved in Genetic Engineering, Scope and Importance of Genetic engineering <p>(Biotechnology - Expanding Horizon by B.D. Singh)</p>	4. Preparation of DNA model.
4	Application of Biotechnology	<ul style="list-style-type: none"> Forensics –parental test, DNA fingerprint Transgenic crop- Bt cotton, Transgenic Animals-Dolly Biotechnology in Health care- Diagnostic and treatment. Biotechnology in industries. (Biotechnology - Expanding Horizon by B.D. Singh) 	5. Preparation of Media.

Text Book:

Biotechnology Expanding Horizons by B.D. Singh, Kalyani Publishers, 1998

Elements of Biotechnology by P.K.Gupta, Rastogi Publication.

Suggested Readings:

Reference Books	Author/Publication
An introduction to genetic engineering	Desmond & Nicholl, Cambridge Publication
Principles of biotechnology	Nair A J, Laxmi Publications, 2007
From gene to Genome-concepts and Application of DNA technology	jeremy W. Dale &Malcolm von Schantz, Wiley Publication.
Genome	T.A Brown
Gene X	Lewin

Stream: B.Sc Biotechnology

Subject: (Animal and Plant physiology)

Semester: II

SYLLABUS

UNIT NO:	NAME OF THE UNIT	THEORETICAL SESSIONS	PRACTICAL SESSION TOPICS/CASE STUDY TOPICS
1	Photosynthesis:	<ul style="list-style-type: none"> ○ Photosynthetic pigments, electron transport, Photophosphorylation and Carbon fixation pathways. ○ Fixation of atmospheric nitrogen by plants and microorganisms. Nitrate uptake and metabolism. ○ Plant hormones: Cytokinins, Gibberellic acid, Auxins, Ethylene. Abscissic acid- their physiological effects and mode of action. ○ Nutrition- Macronutrients and micronutrients and their uptake by plants. ○ Seed germination and dormancy. ○ Photoperiodism. Vernalization, Flowering. Senescence, Abscission. <p>(Botany for Degree Students 6 Rev ed Edition by A.C Dutta)</p>	1)Photosynthetic pigment analysis by Chromatography. 2)effect of sunlight on photosynthesis 3)Study of leaf and stem morphology 4)Staining of lignin of plant
2	(a) Respiratory system (b) Excretory system	<ul style="list-style-type: none"> ○ Diffusion of oxygen and carbon dioxide, transport of oxygen, role of hemoglobin, dissociation curve of oxyhemoglobin and its significance, transport of CO₂ and chloride shift. ○ Various buffer system of the blood, acidosis, alkalosis. Role of lung in respiration. ○ Kidney- structure, its organization and function. Structural and functional characteristics of tubules, ultra filtration, selective reabsorption and secretion, role of aldosterone and antidiuretic hormones and mechanism of urine formation. <p>(Human Physiology 4th edition by Lauralee Sherwood)</p>	
3	Digestive System	<ul style="list-style-type: none"> ○ Different components, digestion and absorption of carbohydrates, lipids and proteins, ○ Endocrine- brief outline of various endocrine glands and their physiological roles, storage and secretion of hormones. 	

		(Human Physiology 4th edition by Lauralee Sherwood)	
4	Nervous System	<ul style="list-style-type: none"> ○ Nerve cells, nerve fibers, nerve impulse ○ neurotransmission, chemical and electrical synapses, functional properties of nerve fibers, action potential, the reflex action and reflex arc. <p>Human Physiology 4th edition by Lauralee Sherwood</p>	

Suggested Readings:

Reference Books	Author/Publication
Botany for Degree Students 6 Rev ed Edition	A.C Dutta
Human Physiology 4 th edition	Lauralee Sherwood

SYLLABUS

Stream: B.Sc. (Biotechnology)

Subject: Basic Microbiology

Semester: II

UNIT NO:	NAME OF THE UNIT	THEORETICAL SESSIONS	PRACTICAL SESSION TOPICS/CASE STUDY TOPICS
1	Introduction to microbiology	<ul style="list-style-type: none"> ○ Definition, scope and history of microbiology. ○ Introduction to major groups of microorganisms and fields of Microbiology. ○ Taxonomy and Classification: History of microbiology- (Haeckel's three kingdom concept, Whittaker's five kingdom concept). ○ Prokaryotic and eukaryotic microorganisms. ○ Microbes and origin of life. 	<ol style="list-style-type: none"> 1. Isolation of bacteria from soil sample 2. Grams staining 3. Negative staining 4. Streak Spread , Pour plat method
2	Microbial Nutrition and Growth	<ul style="list-style-type: none"> ○ Microbial Nutrition: Basic nutrition requirement, Types of Nutrition, growth factors, culture media ○ Microbial growth: Growth curve, Measurement of Microbial growth, Factors affecting to the growth 	<ol style="list-style-type: none"> 5. Microbial examination of skin
3	Diversity of Microbial	<ul style="list-style-type: none"> ○ General characters, classification and morphology of Bacteria, Algae, fungi, Viruses, Protozoans. ○ Human pathogenic microbes and diseases causes and control 	<ol style="list-style-type: none"> 6. Study of permanent slide of paramecium. 7. Study of permanent slide of protozoa. 8. Study of permanent slide of volvox.
4	Techniques in microbiology	<ul style="list-style-type: none"> ○ Sterilization and microbial control ○ Microbial Staining techniques ○ Culturing and Isolating ○ Preservation 	<ol style="list-style-type: none"> 9 Principals and application and instrument: Laminar air flow, Incubator, oven.

			<p>9. Sterilization techniques.</p> <p>10. Cryopreservation by glycerol</p>
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Suggested Readings:

Reference Books	Author/Publication
Micobiology	Pelczar
Microbiology	Prescott, Harley, and Klein's Microbiology Joanne M. Willey, Linda M
Microbiology	Tortora
General microbiology	Roger Y. Stanier
Microbiology	Brock

SYLLABUS

Stream: B.Sc. (Biotechnology)

Subject: BIOANALYTICAL TECHNIQUES

Semester: II

UNIT NO:	NAME OF THE UNIT	THEORETICAL SESSIONS	PRACTICAL SESSION TOPICS/CASE STUDY TOPICS
1	Spectroscopy	<ul style="list-style-type: none"> • Introduction: properties of electromagnetic radiation, interaction with matter • Basic principle of spectrophotometer • UV-VIS spectroscopy- Instrumentation and Applications • Fluorescence spectroscopy- principle, instrumentation and applications • Introduction to FRET and FRAP • Atomic spectroscopy: principle, instrumentation and applications 	
2	Centrifugation	<ul style="list-style-type: none"> • Basic principles of centrifugation • Different types of centrifuges and rotors • Care and safety aspects of centrifuges • Centrifugation techniques- Analytical and Preparative centrifugation, their applications and importance. 	
3	Electrophoresis	<ul style="list-style-type: none"> • Basic Principles • Agarose Gel Electrophoresis – Gel, Instrumentation, separation of molecules and analysis • Polyacrylamide and SDS-polyacrylamide gel electrophoresis- Gel, Instrumentation, Separation of molecules and analysis. • Isoelectric focusing gel electrophoresis • Current methods in Electrophoresis 	
4	Chromatography	<ul style="list-style-type: none"> • Principle of Chromatography • Paper chromatography • Thin layer chromatography • Column chromatography • Gas chromatography • Affinity chromatography 	

		<ul style="list-style-type: none"> • Ion exchange chromatography: Cation & Anion exchange chromatography • Gel permeation chromatography. 	
5	Radioactivity	<ul style="list-style-type: none"> • Radioisotopes • Tracer techniques • Measures of radioactivity • Autoradiography • Importance in biological studies 	

Suggested Readings:

Reference Books	Author/Publication
Principle and Techniques of Biochemistry and Molecular Biology	Seventh edition, Keith Wilson and John Walker, Cambridge University Press
Instrumental Methods of Analysis	B. Sivasankar, Oxford University Press
Bioseparations: Principles and Techniques	B. Sivasankar, PHI Learning Private Limited

SYLLABUS

Stream: B.Sc. (Biotechnology)

Subject: Cell biology and Genetics

Semester: I

UNIT NO:	NAME OF THE UNIT	THEORETICAL SESSIONS	PRACTICAL SESSION TOPICS/CASE STUDY TOPICS
1	Fundamentals of cell	<ul style="list-style-type: none"> ○ Cell theory, cell basic unit of life, characterization of cell ○ Cell structure, function and its organization: Prokaryotic and eukaryotic cell. Cell anatomy: cell wall, cell membrane, mitochondria, chloroplast, cytoplasm, nucleus, Golgi apparatus, lysosome, cytoskeleton. ○ Different type of cells and tissue. 	<ol style="list-style-type: none"> 1. Slides identification 2. Poster presentation on cell structure
2	Cell growth and development	<ul style="list-style-type: none"> ○ Cell division: Mitosis and meiosis, cell growth and proliferation, ○ Cell cycle and regulation. ○ Cancer and its characteristics. 	<ol style="list-style-type: none"> 3. Study of Mitosis from Onion root tip 4. Hemocytometer(Cell counting)
3	Cellular Transport	<ul style="list-style-type: none"> ○ Active transport ○ Passive transport ○ Apoptosis 	
3	Introduction to Genetics	<ul style="list-style-type: none"> ○ Genetic material ○ Mendelian laws of inheritance ○ Gene Interaction ○ Sex Determination plants and animals 	
4	Linkage, crossing over and basic microbial genetics	<ul style="list-style-type: none"> ○ Mapping of gene: linkage map, cytogenetic map and physical maps. ○ Recombination and Crossing over ○ Chromosome mapping ○ Conjugation, transformation, transduction and their use in genetic mapping ○ Gene frequencies in population, Hardy-Weinberg law 	<ol style="list-style-type: none"> 5. Exercise of Genetic problem 6. Study of Karyotyping

Text Book:**Suggested Readings:**

Reference Books	Author/Publication
Cell biology	Geoffrey M. Coppoer, Robert E.Hausman
Cell biology	Bruce Alberts (Author), Alexander Johnson (Author), Julian Lewis (Author), Martin Raff (Author), Keith Roberts (Author),Peter Walter (Author)
Principle of genetics	Michael J Simmons, Eldon John Gardner, D.peter snustad
Genome	T.A Brown
Cell and Molecular Biology	Lodish
Gene X	Lewin
Genetics	Monroe W. Strickberger
Gene	Lewin and benjamin

SYLLABUS

Stream: B.Sc. (Microbiology/Biotechnology)

Subject: Inorganic Chemistry

Semester: II

UNIT NO:	NAME OF THE UNIT	THEORETICAL SESSIONS	PRACTICAL SESSION TOPICS/CASE STUDY TOPICS
1	Atomic Structure	<ul style="list-style-type: none"> Idea of de Broglie matter waves Heisenberg Uncertainty principle Atomic orbital's, Schrodinger wave equation, Significance of Ψ and Ψ^2, Quantum numbers, radial and angular wave function & probability distribution curves, Shapes of s, p, d orbital. Aufbau and Pauli Exclusion Principle Hund's multiplicity rule. Electronic configuration of the elements and effective nuclear charge. 	1. To determine Normality, gm/lit & Molarity of xN Na_2CO_3 solution by using 0.1N HCl Solution.
2	Periodic properties	<ul style="list-style-type: none"> Atomic and ionic radii, Ionization energy, Electron affinity and electronegativity-definition, methods of determination and evaluation, trends in periodic table and application in predicting and explaining the chemical behaviour. 	2. Qualitative Analysis of Inorganic Substances. 1. $\text{Pb}(\text{NO}_3)_2$ 2. CdCl_2 3. $\text{Cu}_3(\text{PO}_4)_2$
3	Chemical Bonding	<ul style="list-style-type: none"> Covalent Bond- Valence bond theory and its limitations, directional characteristics of covalent bond, various type of hybridization and shapes of simple inorganic molecules and ions. Valence shell electron pair repulsion (VSEPR) theory to NH_3, H_3O^+, SF_4, ClF_3, ICl_2 and H_2O. MO theory, homonuclear and heteronuclear (CO and NO) diatomic molecules, multicentre bonding in electron deficient molecules, bond strength and bond energy, percentage ionic character from dipole moment and electro negativity difference. (B) Weak Interactions-Hydrogen bonding, Van 	4. $\text{Al}_2(\text{SO}_4)_3$ 5. MnSO_4 6. NiCO_3 7. ZnS , 8. $\text{K}_2\text{Cr}_2\text{O}_7$, 9. KCl 10. MnO_2

		der waals forces • (C) Ionic solids and lattice energy(Born-Haber cycle)	
4	(A) Chemistry of Noble Gases (B) S block Elements	<ul style="list-style-type: none"> • Chemical properties of noble gases, chemistry of xenon, structure and bonding in xenon compounds. • Comparative study and diagonal relationship, Saisent feature of hydrides, Solvation and complexation tendencies including their function in biosystem, an introduction to aryls and alkyls. 	

Suggested Readings:

Reference Books	Author/Publication
Essentials of Physical chemistry	Bahl Arun, S Chand, 2012
Advanced chemistry	Maple James, London: John Murray, 1996
General chemistry	Ebbing Darrell D, 5 th , A I T B S Publishers, 2002
Advanced Inorganic Chemistry	Volume I, Satyaprakash, G D Tuli, S. K. Basu, R. D. Madan
‘Modern Inorganic Chemistry’	G. F. Liporni, ELBS, 4 th edition, Collins educational, 1983.

Stream: B.Sc Biotechnology

Subject: (Animal and Plant physiology)

Semester: II

SYLLABUS

UNIT NO:	NAME OF THE UNIT	THEORETICAL SESSIONS	PRACTICAL SESSION TOPICS/CASE STUDY TOPICS
1	Photosynthesis:	<ul style="list-style-type: none"> ○ Photosynthetic pigments, electron transport, Photophosphorylation and Carbon fixation pathways. ○ Fixation of atmospheric nitrogen by plants and microorganisms. Nitrate uptake and metabolism. ○ Plant hormones: Cytokinins, Gibberellic acid, Auxins, Ethylene. Abscissic acid- their physiological effects and mode of action. ○ Nutrition- Macronutrients and micronutrients and their uptake by plants. ○ Seed germination and dormancy. ○ Photoperiodism. Vernalization, Flowering. Senescence, Abscission. <p>(Botany for Degree Students 6 Rev ed Edition by A.C Dutta)</p>	<p>1)Photosynthetic pigment analysis by Chromatography. 2)effect of sunlight on photosynthesis 3)Study of leaf and stem morphology 4)Staining of lignin of plant</p>
2	<p>(a) Respiratory system</p> <p>(b) Excretory system</p>	<ul style="list-style-type: none"> ○ Diffusion of oxygen and carbon dioxide, transport of oxygen, role of hemoglobin, dissociation curve of oxyhemoglobin and its significance, transport of CO₂ and chloride shift. ○ Various buffer system of the blood, acidosis, alkalosis. Role of lung in respiration. ○ Kidney- structure, its organization and function. Structural and functional characteristics of tubules, ultra filtration, selective reabsorption and secretion, role of aldosterone and antidiuretic hormones and mechanism of urine formation. <p>(Human Physiology 4th edition by Lauralee Sherwood)</p>	
3	Digestive System	<ul style="list-style-type: none"> ○ Different components, digestion and absorption of carbohydrates, lipids and proteins, ○ Endocrine- brief outline of various endocrine glands and their physiological roles, storage and secretion of hormones. 	

		(Human Physiology 4th edition by Lauralee Sherwood)	
4	Nervous System	<ul style="list-style-type: none"> ○ Nerve cells, nerve fibers, nerve impulse ○ neurotransmission, chemical and electrical synapses, functional properties of nerve fibers, action potential, the reflex action and reflex arc. <p>Human Physiology 4th edition by Lauralee Sherwood</p>	

Suggested Readings:

Reference Books	Author/Publication
Botany for Degree Students 6 Rev ed Edition	A.C Dutta
Human Physiology 4 th edition	Lauralee Sherwood

SYLLABUS

Stream: B.Sc. (Biotechnology)

Subject: Basic Microbiology

Semester: II

UNIT NO:	NAME OF THE UNIT	THEORETICAL SESSIONS	PRACTICAL SESSION TOPICS/CASE STUDY TOPICS
1	Introduction to microbiology	<ul style="list-style-type: none"> ○ Definition, scope and history of microbiology. ○ Introduction to major groups of microorganisms and fields of Microbiology. ○ Taxonomy and Classification: History of microbiology- (Haeckel's three kingdom concept, Whittaker's five kingdom concept). ○ Prokaryotic and eukaryotic microorganisms. ○ Microbes and origin of life. 	<ol style="list-style-type: none"> 1. Isolation of bacteria from soil sample 2. Grams staining 3. Negative staining 4. Streak Spread , Pour plat method
2	Microbial Nutrition and Growth	<ul style="list-style-type: none"> ○ Microbial Nutrition: Basic nutrition requirement, Types of Nutrition, growth factors, culture media ○ Microbial growth: Growth curve, Measurement of Microbial growth, Factors affecting to the growth 	<ol style="list-style-type: none"> 5. Microbial examination of skin
3	Diversity of Microbial	<ul style="list-style-type: none"> ○ General characters, classification and morphology of Bacteria, Algae, fungi, Viruses, Protozoans. ○ Human pathogenic microbes and diseases causes and control 	<ol style="list-style-type: none"> 6. Study of permanent slide of paramecium. 7. Study of permanent slide of protozoa. 8. Study of permanent slide of volvox.
4	Techniques in microbiology	<ul style="list-style-type: none"> ○ Sterilization and microbial control ○ Microbial Staining techniques ○ Culturing and Isolating ○ Preservation 	<ol style="list-style-type: none"> 9 Principals and application and instrument: Laminar air flow, Incubator, oven.

			<p>9. Sterilization techniques.</p> <p>10. Cryopreservation by glycerol</p>
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Suggested Readings:

Reference Books	Author/Publication
Micobiology	Pelczar
Microbiology	Prescott, Harley, and Klein's Microbiology Joanne M. Willey, Linda M
Microbiology	Tortora
General microbiology	Roger Y. Stanier
Microbiology	Brock

SYLLABUS

Stream: B.Sc. (Biotechnology)

Subject: BIOANALYTICAL TECHNIQUES

Semester: II

UNIT NO:	NAME OF THE UNIT	THEORETICAL SESSIONS	PRACTICAL SESSION TOPICS/CASE STUDY TOPICS
1	Spectroscopy	<ul style="list-style-type: none"> • Introduction: properties of electromagnetic radiation, interaction with matter • Basic principle of spectrophotometer • UV-VIS spectroscopy- Instrumentation and Applications • Fluorescence spectroscopy- principle, instrumentation and applications • Introduction to FRET and FRAP • Atomic spectroscopy: principle, instrumentation and applications 	
2	Centrifugation	<ul style="list-style-type: none"> • Basic principles of centrifugation • Different types of centrifuges and rotors • Care and safety aspects of centrifuges • Centrifugation techniques- Analytical and Preparative centrifugation, their applications and importance. 	
3	Electrophoresis	<ul style="list-style-type: none"> • Basic Principles • Agarose Gel Electrophoresis – Gel, Instrumentation, separation of molecules and analysis • Polyacrylamide and SDS-polyacrylamide gel electrophoresis- Gel, Instrumentation, Separation of molecules and analysis. • Isoelectric focusing gel electrophoresis • Current methods in Electrophoresis 	
4	Chromatography	<ul style="list-style-type: none"> • Principle of Chromatography • Paper chromatography • Thin layer chromatography • Column chromatography • Gas chromatography • Affinity chromatography 	

		<ul style="list-style-type: none"> • Ion exchange chromatography: Cation & Anion exchange chromatography • Gel permeation chromatography. 	
5	Radioactivity	<ul style="list-style-type: none"> • Radioisotopes • Tracer techniques • Measures of radioactivity • Autoradiography • Importance in biological studies 	

Suggested Readings:

Reference Books	Author/Publication
Principle and Techniques of Biochemistry and Molecular Biology	Seventh edition, Keith Wilson and John Walker, Cambridge University Press
Instrumental Methods of Analysis	B. Sivasankar, Oxford University Press
Bioseparations: Principles and Techniques	B. Sivasankar, PHI Learning Private Limited

SYLLABUS

Stream: B.Sc. (Biotechnology)

Subject: Cell biology and Genetics

Semester: I

UNIT NO:	NAME OF THE UNIT	THEORETICAL SESSIONS	PRACTICAL SESSION TOPICS/CASE STUDY TOPICS
1	Fundamentals of cell	<ul style="list-style-type: none"> ○ Cell theory, cell basic unit of life, characterization of cell ○ Cell structure, function and its organization: Prokaryotic and eukaryotic cell. Cell anatomy: cell wall, cell membrane, mitochondria, chloroplast, cytoplasm, nucleus, Golgi apparatus, lysosome, cytoskeleton. ○ Different type of cells and tissue. 	<ol style="list-style-type: none"> 1. Slides identification 2. Poster presentation on cell structure
2	Cell growth and development	<ul style="list-style-type: none"> ○ Cell division: Mitosis and meiosis, cell growth and proliferation, ○ Cell cycle and regulation. ○ Cancer and its characteristics. 	<ol style="list-style-type: none"> 3. Study of Mitosis from Onion root tip 4. Hemocytometer(Cell counting)
3	Cellular Transport	<ul style="list-style-type: none"> ○ Active transport ○ Passive transport ○ Apoptosis 	
3	Introduction to Genetics	<ul style="list-style-type: none"> ○ Genetic material ○ Mendelian laws of inheritance ○ Gene Interaction ○ Sex Determination plants and animals 	
4	Linkage, crossing over and basic microbial genetics	<ul style="list-style-type: none"> ○ Mapping of gene: linkage map, cytogenetic map and physical maps. ○ Recombination and Crossing over ○ Chromosome mapping ○ Conjugation, transformation, transduction and their use in genetic mapping ○ Gene frequencies in population, Hardy-Weinberg law 	<ol style="list-style-type: none"> 5. Exercise of Genetic problem 6. Study of Karyotyping

Text Book:**Suggested Readings:**

Reference Books	Author/Publication
Cell biology	Geoffrey M. Coppoer, Robert E.Hausman
Cell biology	Bruce Alberts (Author), Alexander Johnson (Author), Julian Lewis (Author), Martin Raff (Author), Keith Roberts (Author),Peter Walter (Author)
Principle of genetics	Michael J Simmons, Eldon John Gardner, D.peter snustad
Genome	T.A Brown
Cell and Molecular Biology	Lodish
Gene X	Lewin
Genetics	Monroe W. Strickberger
Gene	Lewin and benjamin

SYLLABUS

Stream: B.Sc. (Microbiology/Biotechnology)

Subject: Inorganic Chemistry

Semester: II

UNIT NO:	NAME OF THE UNIT	THEORETICAL SESSIONS	PRACTICAL SESSION TOPICS/CASE STUDY TOPICS
1	Atomic Structure	<ul style="list-style-type: none"> Idea of de Broglie matter waves Heisenberg Uncertainty principle Atomic orbital's, Schrodinger wave equation, Significance of Ψ and Ψ^2, Quantum numbers, radial and angular wave function & probability distribution curves, Shapes of s, p, d orbital. Aufbau and Pauli Exclusion Principle Hund's multiplicity rule. Electronic configuration of the elements and effective nuclear charge. 	1. To determine Normality, gm/lit & Molarity of xN Na_2CO_3 solution by using 0.1N HCl Solution.
2	Periodic properties	<ul style="list-style-type: none"> Atomic and ionic radii, Ionization energy, Electron affinity and electronegativity-definition, methods of determination and evaluation, trends in periodic table and application in predicting and explaining the chemical behaviour. 	2. Qualitative Analysis of Inorganic Substances. 1. $\text{Pb}(\text{NO}_3)_2$ 2. CdCl_2 3. $\text{Cu}_3(\text{PO}_4)_2$
3	Chemical Bonding	<ul style="list-style-type: none"> Covalent Bond- Valence bond theory and its limitations, directional characteristics of covalent bond, various type of hybridization and shapes of simple inorganic molecules and ions. Valence shell electron pair repulsion (VSEPR) theory to NH_3, H_3O^+, SF_4, ClF_3, ICl_2 and H_2O. MO theory, homonuclear and heteronuclear (CO and NO) diatomic molecules, multicentre bonding in electron deficient molecules, bond strength and bond energy, percentage ionic character from dipole moment and electro negativity difference. (B) Weak Interactions-Hydrogen bonding, Van 	4. $\text{Al}_2(\text{SO}_4)_3$ 5. MnSO_4 6. NiCO_3 7. ZnS , 8. $\text{K}_2\text{Cr}_2\text{O}_7$, 9. KCl 10. MnO_2

		der waals forces • (C) Ionic solids and lattice energy(Born-Haber cycle)	
4	(A) Chemistry of Noble Gases (B) S block Elements	<ul style="list-style-type: none"> • Chemical properties of noble gases, chemistry of xenon, structure and bonding in xenon compounds. • Comparative study and diagonal relationship, Saisent feature of hydrides, Solvation and complexation tendencies including their function in biosystem, an introduction to aryls and alkyls. 	

Suggested Readings:

Reference Books	Author/Publication
Essentials of Physical chemistry	Bahl Arun, S Chand, 2012
Advanced chemistry	Maple James, London: John Murray, 1996
General chemistry	Ebbing Darrell D, 5 th , A I T B S Publishers, 2002
Advanced Inorganic Chemistry	Volume I, Satyaprakash, G D Tuli, S. K. Basu, R. D. Madan
‘Modern Inorganic Chemistry’	G. F. Liporni, ELBS, 4 th edition, Collins educational, 1983.

SYLLABUS

Stream: B.Sc. (Microbiology)

Subject: BASIC TECHNIQUES IN MICROBIOLOGY

Semester - I

UNIT NO:	NAME OF THE UNIT	THEORETICAL SESSIONS	PRACTICAL SESSION TOPICS/CASE STUDY TOPICS
1	Microbial Handling Techniques	<ul style="list-style-type: none"> Safety in Microbiology laboratory, Possible laboratory hazards, Safety Precautions, Disposal of laboratory waste <p>(Ch.1–Experimental Microbiology by Rakesh J. Patel)</p> <ul style="list-style-type: none"> How to flame inoculating needles and wire loops, how to prepare suspension, how to inoculate a culture, how to handle a Petri dish, how to streak, how to spread, how to incubate Petri dishes, slants and broth tubes, how to prepare a smear, how to stain, how to prepare serial dilution <p>(Ch.6–Experimental Microbiology by Rakesh j.patel)</p>	<p>1.Acquainting basic microbiology tools: Cleaning and washing of Glassware, Wrapping the items prior sterilization, Cotton Plugging, Aseptic handling (LAF/Bunsen burner),Inoculation of bacterial culture, Biological Waste Disposal</p>
2	Sterilization and Disinfection	<ul style="list-style-type: none"> Physical Agents - Heat, Radiation, Filtration Chemical agents and their mode of action - Aldehyde, Halogens, Quaternary ammonium compounds, Phenol and Phenolic compounds, Heavy metals, Alcohol, Dyes, and Detergents, Ethylene oxide, Characteristics of an ideal disinfectant <p>(Ch.22,23–Microbiology by Pelczar, Chan, Krieg)</p>	<p>2. Sterilization techniques (principles and methods)</p>

3	Staining Techniques	<ul style="list-style-type: none"> • Definitions: Stains (Basic and Acidic), Fixative, Mordant, Decoloriser, Accentuator • Principles of staining techniques for following:: – • Monochrome staining and Negative staining • Differential staining - Gram staining and Acid fast staining • Special staining techniques – Spore and Capsule <p>(Ch.10,11,12,13,14,17,18–Experimental Microbiology by Rakesh j.patel)</p>	<p>3. Monochrome staining</p> <p>4. Gram Staining</p> <p>5. Negative staining</p>
4	Isolation and Cultivation of Microbes	<ul style="list-style-type: none"> • Pure culture technique: Streak plate, Pour plate, spread plate and Roll tube method. • Isolation of Algae • Cultivation of animal viruses (in living animals, embryonated eggs and cell cultures.) • Cultivation of bacteriophage in laboratory. • Slide culture techniques for fungi • Cultivation of Algae <p>(Ch.1–Experimental Microbiology by Rakesh J.Patel)</p> <p>(Ch.20,21–Microbiology by Pelczar, Chan, Krieg)</p>	<p>6. Preparation of Nutrient media (solid/liquid) plates/slants</p> <p>7. Enumeration of cells by Neubaer chamber</p>

Suggested Readings:

Reference Books	Author/Publication
Experimental Microbiology	Rakesh J.Patel-Aditya Publication
Microbiology	Michael J.Pelczar,Jr.E.C.S. Chan ,Noel R.Krieg-Tata Mc Graw Hill
A Text Book of Microbiology	R.C.Dubey ,D.K.Maheshwari

SYLLABUS

Stream: B.Sc. (Microbiology)

Subject: CHEMISTRY I

Semester: I

UNIT NO:	NAME OF THE UNIT	THEORETICAL SESSIONS	PRACTICAL SESSION TOPICS/CASE STUDY TOPICS
1	Nuclear Chemistry	<ul style="list-style-type: none"> Radioactivity, α, β and γ-rays. Range of particles. Theories of Radioactive disintegration, Law of Radioactive disintegration, Isotopes, Isobars, Isomers, Isotones. Half-life period. Average life, Soddy's group displacement law Radio active equilibrium. Geigor-Nattal law. Mechanism of Radioactivity, Radioactive change, Radioactive series, Nuclear size, Packing fraction, Binding energy. Stability of Nuclear energy. Fission and Fusion. <p>(chap. 4-Essentials of Physical chemistry)</p>	1. To determine amount of Mg^{+2} by EDTA using Eriochrom Black – T.
2	Ionic Equilibria in Aqueous solution	<ul style="list-style-type: none"> Sparingly soluble salts, Common- Ion effect, Selective precipitation, Arrhenius theory of Acids-Bases, The Lowry Bronsted concept, Strength of Acids-Bases, The Lewis concept, The pH scale, Self-Ionization of water. <p>(chap. 5,26,27 -Essentials of Physical chemistry)</p>	2. To determine amount of Ni^{+2} by EDTA using muroxiede indicator.
3	Alkanes, Alkenes and Alkynes	<ul style="list-style-type: none"> Introduction of Hydrocarbons, Physical properties of alkanes, Higher alkanes-The homologous series, Nomenclature, Alkyl groups, Common names of alkanes, IUPAC names of alkanes, Classes of carbon atom and H-atoms, Physical properties, Geometric Isomerism, Name of alkenes, Nomenclature. Qualitative and quantitative analysis of organic compounds. Molecular formula: its fundamental importance, Quantitative elemental analysis, Quantitative 	3. Analysis of Inorganic Substances: 1. CuS, 2. $MgSO_4$, 3. ZnO, 4. $Sr(NO_3)_2$, 5. $BaCl_2$, 6. KBr, 7. $ZnCO_3$, 8. $AlPO_4$.

		<p>elemental analysis: Carbon, Hydrogen and Halogen (Carius Method), Empirical Formula, Molecular weight: molecular formula, Quantitative elemental analysis (kJeldahl & Dumas methods)</p> <p>(Organic chemistry, Morrison Robert Thornton, Pearson Education, 2004)</p>	
4	Basic Concepts of Coordination Chemistry	<ul style="list-style-type: none"> • Definition of Some Terms, Classification of Ligands, Chelation, Classification of Chelates, Uses of Chelates, Co-ordination Number and Stereochemistry of Complexes, Nomenclature of Co-ordination Compounds. <p>(General chemistry, Ebbing Darrell D, 5th edition)</p>	

Suggested Readings:

Reference Books	Author/Publication
Essentials of Physical chemistry	Bahl Arun, S Chand, 2012
Advanced chemistry	Maple James, London: John Murray, 1996
General chemistry	Ebbing Darrell D, 5 th , A I T B S Publishers, 2002

SYLLABUS

Stream: B.Sc. (Microbiology)

Subject: COMPUTATIONAL SKILLS

Semester - I

UNIT NO:	NAME OF THE UNIT	THEORETICAL SESSIONS	PRACTICAL SESSION TOPICS/CASE STUDY TOPICS
1	Operating System Concept & Computer Generation	<ul style="list-style-type: none"> DOS: Elementary knowledge of DOS commands DIR, CLS, DATE, TIME, MD, CD, RD, RENAM, DEL, BACKUP, RESTORE, COPY, SCANDISK and CHKDSK. Difference between windows and DOS, Introduction to Linux, Concepts and generation of computer 	1. Basic Commands of DOS
2	Computer Software	<ul style="list-style-type: none"> Application and System Software, Compilers and Interpreters, Process of Software Development. Data Analysis using Spreadsheets 	2. Microsoft Word, Excel, Power Point
3	Introduction to Multimedia	<ul style="list-style-type: none"> Introduction to multimedia, Advantages of multimedia, Applications of multimedia 	
4	Data Communication and Networks	<ul style="list-style-type: none"> Concepts of Data Communication, Types of Data-Communication, Communications Media, Concepts of Computer Networks, Primary Network Topologies, Intranet and Extranets: Operation of the Internet, Services provided by Internet, World Wide Web, Intranets and Extranets. 	

5	Introduction to Ms Access	<ul style="list-style-type: none">• Getting Familiar with Access Objects: Tables, Queries, Forms, Reports, and Modules. Creating Tables, adding and deleting records, Querying: creating, saving and editing; joining tables in queries Forms: creating and using forms, Reports: creating and printing reports	3. Microsoft Access
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SYLLABUS

Stream: B.Sc. (Microbiology)

Subject: ELEMENTARY MICROBIOLOGY

Semester-I

UNIT NO:	NAME OF THE UNIT	THEORETICAL SESSIONS	PRACTICAL SESSION TOPICS/CASE STUDY TOPICS
1	History of Microbiology	<ul style="list-style-type: none"> Discovery of Microscope & Microorganisms Debate over Spontaneous generation theory Golden age of Microbiology: Germ theory of Fermentation, Germ theory of Disease, Modern Developments in Microbiology: Immunology, Virology, Chemotherapy and Genetic engineering, Nanotechnology <p>(Ch.2-Foundations in Microbiology by U. Patil, A. B. Chaudhari, J. S. Kulkarni, Dr. S. B. Chincholkar) (Ch.29-Microbiology by Pelczar, Chan, Krieg)</p>	<p>1. Introduction and use of Common Lab wares: Test tube, culture tube, screw-capped tube, Petri dish, Pipettes, Micropipette, Pasture pipette, Erlenmeyer flask, Volumetric flask, Glass spreader, Durhams Tube, Gloves,, Masks, Safety glasses, Inoculating needles (wire loop, stab needles).</p>
2	Diversity and Scope of Microorganism	<ul style="list-style-type: none"> General characteristics, Morphological Features and Significance : Virus, Bacteria (Eubacteria, Rickettsia, Actinomycetes, Mycoplasma) Archaea, Algae, Fungi and Protozoa <p>(Ch.6-Foundations in Microbiology by U.Patil, A. B. Chaudhari, J. S. Kulkarni, Dr. S. B. Chincholkar)</p> <ul style="list-style-type: none"> Brief Introduction and Scope of Microbiology: Food Microbiology, Dairy Microbiology, Industrial Microbiology, Pharmaceutical Microbiology, Microbial Ecology, Medical Microbiology, Agricultural Microbiology, Geomicrobiology <p>(Ch.2-Microbiology by Pelczar, Chan, Krieg)</p>	<p>2. Introduction and Handling/operation, precautions of Laboratory instruments: Water bath, Weighing Balance, Refrigerator. Use and Care of Compound Microscope.</p>

3	Microbial Taxonomy	<ul style="list-style-type: none"> Whitakers Five Kingdom system and three Domain Systems Binomial Nomenclature Methods in microbial taxonomy: Cultural, Biochemical and molecular characteristics Brief introduction to Bergey manual of Bacteriology <p>(Ch.13-Foundations in Microbiology by U.Patil, A. B. Chaudhari, J. S. Kulkarni, Dr. S. B. Chincholkar) (Ch.1–Microbiology by Pelczar, Chan, Krieg)</p>	N.A
4	Microbes in nature	<ul style="list-style-type: none"> Introduction Microbiology of Air: Microflora of air, Enumeration of Microbes in air Microbiology of Water Microbiology of soil <p>(Ch.25,26–Microbiology by Pelczar, Chan, Krieg) (Ch.12-Foundations in Microbiology by U. Patil, A. B. Chaudhari, J. S. Kulkarni, Dr. S. B. Chincholkar)</p>	3.Observation of microorganisms using Permanent slides: Bacteria (Gram positive/negative), Algae ,Fungi, Protozoa .

Suggested Readings:

Reference Books	Author/Publication
Foundations in Microbiology	U. Patil, Dr. A. B. Chaudhari, Dr. J .S. Kulkarni, Dr. S. B. Chincholkar
Microbiology	Michael J. Pelczar, Jr. E. C. S. Chan ,Noel R. Krieg- Tata Mc Graw Hill
A Text Book of Microbiology	R.C.Dubey ,D.K.Maheshwari

SYLLABUS

Stream: B.Sc. (Microbiology)

Subject: ENGLISH COMMUNICATION AND LIFE SKILLS

Semester-I

UNIT NO:	NAME OF THE UNIT	THEORETICAL SESSIONS	PRACTICAL SESSIONS TOPICS	
1	ENGLISH GRAMMAR FUNDAMENTALS	<ul style="list-style-type: none"> Nouns Nouns: Number Nouns: Gender Adjective Degree of Comparison Articles Grammar exercises 	LAB. BASED	CLASSROOM ACTIVITY
			Nouns Adjectives Degree of Comparison	Degree of Comparison Activity
2	READING & COMPREHENSION	<ul style="list-style-type: none"> Introduction to reading, comprehension and pronunciation Framing answer and making sentences 	LAB. BASED	CLASSROOM ACTIVITY
			Phonics Listening and Speaking	Role Play Reading and Comprehension activities
3	FRAMING SENTENCES AND VOCABULARY	<ul style="list-style-type: none"> Framing Simple Sentences WH questions and use Word Building – Synonyms Word Building – 	LAB. BASED	CLASSROOM ACTIVITY
			Word Building	Word Building activities Role Play

		<p>Antonyms</p> <ul style="list-style-type: none"> • Making sentences • Introduction and meaning of Role play 		Activities
4	POSITIVE OUTLOOK AND ATTITUDE	<ul style="list-style-type: none"> • How positive outlook reduces stress levels • Positive Outlook and clothing • Overcoming negative Attitude • Positive Attitude for Personal Development 	LAB. BASED	CLASSROOM ACTIVITY
				Learning about Positive Outlook Attitude Matters
5	SPOKEN ENGLISH SKILLS AND BODY LANGUAGE	<ul style="list-style-type: none"> • Self Introduction • General conversations in English • Knowing correct body language • Correct body language while speaking • Do's and don'ts for body Language 	LAB. BASED	CLASSROOM ACTIVITY
				Conversational Skills Self Introduction

Suggested Reading:

English Work Book – Series I & II (Prepared as per syllabus)

Text:

The Adventures of Huckleberry Finn – by Mark Twain

The Return of Vaman – A science fiction novel by Jayant Narlikar

SYLLABUS

Stream: B.Sc. (Microbiology)

Subject: ENVIRONMENTAL SCIENCE

Semester - I

UNIT NO:	NAME OF THE UNIT	THEORETICAL SESSIONS	PRACTICAL SESSION TOPICS/CASE STUDY TOPICS
1	The multidisciplinary nature of environmental studies	<ul style="list-style-type: none"> Environmental Science – definition, scope & importance, Evolution of the universe, origin of the earth; solar system; evolution of life; atmosphere of the primitive earth, abiotic component of environment, Environmental balance, balance in O₂ and CO₂ in air; thermal balance; balance in predator and prey population <p>(Ch-1-Environment and Ecology by Smriti Srivastava) (Ch-1-Basics of Environmental Studies by Shefali shah)</p>	1. Ozone Hole Continues to grow. 2. Problems of Environmental Degradation
2	Ecology	<ul style="list-style-type: none"> Ecology & its branches, scope of Ecology and its relation to other divisions of sciences; autecology and synecology, Concept and structure of ecosystem, functions of ecosystem, Types of Ecosystems, Concept of habitat; ecological niche; guild, Significance of ecological adaptation; ecological adaptation in plants and animals- Zeric adaptations in plants and animals; adaptations of plants and animals to aquatic habitat; arboreal adaptations in plants and animals <p>(Ch-2-Basics of Environmental Studies by Shefali shah)</p>	3. Ecosystem: Based Adaptation. 4. Diversity & Ecosystem Productivity.

3	Ecosystems	<ul style="list-style-type: none"> • Concept and scope of environmental chemistry, chemical toxicology, hazardous chemicals, carcinogens, occupier, effluent etc, • The natural cycles of the environment, Ozone depletion –causes and effects; Global warming – major green house gases, causes and effects; Acid rain –causes and effects, Acid – base reactions in water, Chemistry of decaying compounds, Case Studies. <p>(Ch-4-Basics of Environmental Studies by Shefali shah (Ch-6-Environment and Ecology by Smriti Srivastava</p> <ul style="list-style-type: none"> • Earth - Its interior and surface, Layers of the earth, Earth’s Crust: Formation of Rocks, Major land forms and their transformation, Denudation and its agents: Weathering – Mechanical and chemical - Agents of weathering, Composition of soil, formation and types of soils. <p>(Ch-4-Basics of Environmental Studies by Shefali shah</p>	<p>5. Global Climate change: Evidences & Causes.</p> <p>6. Ecological Niche</p> <p>7. The Rise & Fall of DDT</p> <p>8. Environmental Chemistry of Phosphorus.</p>
4	Biogeochemical cycle	<ul style="list-style-type: none"> • Carbon cycle • Nitrogen cycle • Phosphorus cycle • Oxygen cycle • Water cycle <p>(Ch-2-Basics of Environmental Studies by Shefali shah</p>	<p>9. Poisoning Bhopal.</p> <p>10. The wealth of water.</p>

Suggested Readings:

Reference Books	Author/Publication
Basics Of Environmental studies	Shefali shah,Roopal Goyal,Atul Prakashan
Microbiology	Michael J.Pelczar,Jr.E.C.S. Chan ,Noel R.Krieg-Tata Mc Graw Hill
A Text Book of Microbiology	R.C.Dubey ,D.K.Maheshwari
Environment and Ecology	Smriti Srivastava,S.K.kataria&Sons

SYLLABUS

Stream: B.Sc. (Microbiology)

Subject: BASIC TECHNIQUES IN MICROBIOLOGY

Semester - I

UNIT NO:	NAME OF THE UNIT	THEORETICAL SESSIONS	PRACTICAL SESSION TOPICS/CASE STUDY TOPICS
1	Microbial Handling Techniques	<ul style="list-style-type: none"> Safety in Microbiology laboratory, Possible laboratory hazards, Safety Precautions, Disposal of laboratory waste <p>(Ch.1–Experimental Microbiology by Rakesh J. Patel)</p> <ul style="list-style-type: none"> How to flame inoculating needles and wire loops, how to prepare suspension, how to inoculate a culture, how to handle a Petri dish, how to streak, how to spread, how to incubate Petri dishes, slants and broth tubes, how to prepare a smear, how to stain, how to prepare serial dilution <p>(Ch.6–Experimental Microbiology by Rakesh j.patel)</p>	<p>1.Acquainting basic microbiology tools: Cleaning and washing of Glassware, Wrapping the items prior sterilization, Cotton Plugging, Aseptic handling (LAF/Bunsen burner),Inoculation of bacterial culture, Biological Waste Disposal</p>
2	Sterilization and Disinfection	<ul style="list-style-type: none"> Physical Agents - Heat, Radiation, Filtration Chemical agents and their mode of action - Aldehyde, Halogens, Quaternary ammonium compounds, Phenol and Phenolic compounds, Heavy metals, Alcohol, Dyes, and Detergents, Ethylene oxide, Characteristics of an ideal disinfectant <p>(Ch.22,23–Microbiology by Pelczar, Chan, Krieg)</p>	<p>2. Sterilization techniques (principles and methods)</p>

3	Staining Techniques	<ul style="list-style-type: none"> • Definitions: Stains (Basic and Acidic), Fixative, Mordant, Decoloriser, Accentuator • Principles of staining techniques for following:: – • Monochrome staining and Negative staining • Differential staining - Gram staining and Acid fast staining • Special staining techniques – Spore and Capsule <p>(Ch.10,11,12,13,14,17,18–Experimental Microbiology by Rakesh j.patel)</p>	<p>3. Monochrome staining</p> <p>4. Gram Staining</p> <p>5. Negative staining</p>
4	Isolation and Cultivation of Microbes	<ul style="list-style-type: none"> • Pure culture technique: Streak plate, Pour plate, spread plate and Roll tube method. • Isolation of Algae • Cultivation of animal viruses (in living animals, embryonated eggs and cell cultures.) • Cultivation of bacteriophage in laboratory. • Slide culture techniques for fungi • Cultivation of Algae <p>(Ch.1–Experimental Microbiology by Rakesh J.Patel)</p> <p>(Ch.20,21–Microbiology by Pelczar, Chan, Krieg)</p>	<p>6. Preparation of Nutrient media (solid/liquid) plates/slants</p> <p>7. Enumeration of cells by Neubaer chamber</p>

Suggested Readings:

Reference Books	Author/Publication
Experimental Microbiology	Rakesh J.Patel-Aditya Publication
Microbiology	Michael J.Pelczar,Jr.E.C.S. Chan ,Noel R.Krieg-Tata Mc Graw Hill
A Text Book of Microbiology	R.C.Dubey ,D.K.Maheshwari

SYLLABUS

Stream: B.Sc. (Microbiology)

Subject: CHEMISTRY I

Semester: I

UNIT NO:	NAME OF THE UNIT	THEORETICAL SESSIONS	PRACTICAL SESSION TOPICS/CASE STUDY TOPICS
1	Nuclear Chemistry	<ul style="list-style-type: none"> Radioactivity, α, β and γ-rays. Range of particles. Theories of Radioactive disintegration, Law of Radioactive disintegration, Isotopes, Isobars, Isomers, Isotones. Half-life period. Average life, Soddy's group displacement law Radio active equilibrium. Geigor-Nattal law. Mechanism of Radioactivity, Radioactive change, Radioactive series, Nuclear size, Packing fraction, Binding energy. Stability of Nuclear energy. Fission and Fusion. <p>(chap. 4-Essentials of Physical chemistry)</p>	1. To determine amount of Mg^{+2} by EDTA using Eriochrom Black – T.
2	Ionic Equilibria in Aqueous solution	<ul style="list-style-type: none"> Sparingly soluble salts, Common- Ion effect, Selective precipitation, Arrhenius theory of Acids-Bases, The Lowry Bronsted concept, Strength of Acids-Bases, The Lewis concept, The pH scale, Self-Ionization of water. <p>(chap. 5,26,27 -Essentials of Physical chemistry)</p>	2. To determine amount of Ni^{+2} by EDTA using murexide indicator.
3	Alkanes, Alkenes and Alkynes	<ul style="list-style-type: none"> Introduction of Hydrocarbons, Physical properties of alkanes, Higher alkanes-The homologous series, Nomenclature, Alkyl groups, Common names of alkanes, IUPAC names of alkanes, Classes of carbon atom and H-atoms, Physical properties, Geometric Isomerism, Name of alkenes, Nomenclature. Qualitative and quantitative analysis of organic compounds. Molecular formula: its fundamental importance, Quantitative elemental analysis, Quantitative 	3. Analysis of Inorganic Substances: 1. CuS, 2. $MgSO_4$, 3. ZnO, 4. $Sr(NO_3)_2$, 5. $BaCl_2$, 6. KBr, 7. $ZnCO_3$, 8. $AlPO_4$.

		<p>elemental analysis: Carbon, Hydrogen and Halogen (Carius Method), Empirical Formula, Molecular weight: molecular formula, Quantitative elemental analysis (kJeldahl & Dumas methods)</p> <p>(Organic chemistry, Morrison Robert Thornton, Pearson Education, 2004)</p>	
4	Basic Concepts of Coordination Chemistry	<ul style="list-style-type: none"> • Definition of Some Terms, Classification of Ligands, Chelation, Classification of Chelates, Uses of Chelates, Co-ordination Number and Stereochemistry of Complexes, Nomenclature of Co-ordination Compounds. <p>(General chemistry, Ebbing Darrell D, 5th edition)</p>	

Suggested Readings:

Reference Books	Author/Publication
Essentials of Physical chemistry	Bahl Arun, S Chand, 2012
Advanced chemistry	Maple James, London: John Murray, 1996
General chemistry	Ebbing Darrell D, 5 th , A I T B S Publishers, 2002

SYLLABUS

Stream: B.Sc. (Microbiology)

Subject: COMPUTATIONAL SKILLS

Semester - I

UNIT NO:	NAME OF THE UNIT	THEORETICAL SESSIONS	PRACTICAL SESSION TOPICS/CASE STUDY TOPICS
1	Operating System Concept & Computer Generation	<ul style="list-style-type: none"> DOS: Elementary knowledge of DOS commands DIR, CLS, DATE, TIME, MD, CD, RD, RENAM, DEL, BACKUP, RESTORE, COPY, SCANDISK and CHKDSK. Difference between windows and DOS, Introduction to Linux, Concepts and generation of computer 	1. Basic Commands of DOS
2	Computer Software	<ul style="list-style-type: none"> Application and System Software, Compilers and Interpreters, Process of Software Development. Data Analysis using Spreadsheets 	2. Microsoft Word, Excel, Power Point
3	Introduction to Multimedia	<ul style="list-style-type: none"> Introduction to multimedia, Advantages of multimedia, Applications of multimedia 	
4	Data Communication and Networks	<ul style="list-style-type: none"> Concepts of Data Communication, Types of Data-Communication, Communications Media, Concepts of Computer Networks, Primary Network Topologies, Intranet and Extranets: Operation of the Internet, Services provided by Internet, World Wide Web, Intranets and Extranets. 	

5	Introduction to Ms Access	<ul style="list-style-type: none">• Getting Familiar with Access Objects: Tables, Queries, Forms, Reports, and Modules. Creating Tables, adding and deleting records, Querying: creating, saving and editing; joining tables in queries Forms: creating and using forms, Reports: creating and printing reports	3. Microsoft Access
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SYLLABUS

Stream: B.Sc. (Microbiology)

Subject: ELEMENTARY MICROBIOLOGY

Semester-I

UNIT NO:	NAME OF THE UNIT	THEORETICAL SESSIONS	PRACTICAL SESSION TOPICS/CASE STUDY TOPICS
1	History of Microbiology	<ul style="list-style-type: none"> Discovery of Microscope & Microorganisms Debate over Spontaneous generation theory Golden age of Microbiology: Germ theory of Fermentation, Germ theory of Disease, Modern Developments in Microbiology: Immunology, Virology, Chemotherapy and Genetic engineering, Nanotechnology <p>(Ch.2-Foundations in Microbiology by U. Patil, A. B. Chaudhari, J. S. Kulkarni, Dr. S. B. Chincholkar) (Ch.29-Microbiology by Pelczar, Chan, Krieg)</p>	<p>1. Introduction and use of Common Lab wares: Test tube, culture tube, screw-capped tube, Petri dish, Pipettes, Micropipette, Pasture pipette, Erlenmeyer flask, Volumetric flask, Glass spreader, Durhams Tube, Gloves,, Masks, Safety glasses, Inoculating needles (wire loop, stab needles).</p>
2	Diversity and Scope of Microorganism	<ul style="list-style-type: none"> General characteristics, Morphological Features and Significance : Virus, Bacteria (Eubacteria, Rickettsia, Actinomycetes, Mycoplasma) Archaea, Algae, Fungi and Protozoa <p>(Ch.6-Foundations in Microbiology by U.Patil, A. B. Chaudhari, J. S. Kulkarni, Dr. S. B. Chincholkar)</p> <ul style="list-style-type: none"> Brief Introduction and Scope of Microbiology: Food Microbiology, Dairy Microbiology, Industrial Microbiology, Pharmaceutical Microbiology, Microbial Ecology, Medical Microbiology, Agricultural Microbiology, Geomicrobiology <p>(Ch.2-Microbiology by Pelczar, Chan, Krieg)</p>	<p>2. Introduction and Handling/operation, precautions of Laboratory instruments: Water bath, Weighing Balance, Refrigerator. Use and Care of Compound Microscope.</p>

3	Microbial Taxonomy	<ul style="list-style-type: none"> Whitakers Five Kingdom system and three Domain Systems Binomial Nomenclature Methods in microbial taxonomy: Cultural, Biochemical and molecular characteristics Brief introduction to Bergey manual of Bacteriology <p>(Ch.13-Foundations in Microbiology by U.Patil, A. B. Chaudhari, J. S. Kulkarni, Dr. S. B. Chincholkar) (Ch.1–Microbiology by Pelczar, Chan, Krieg)</p>	N.A
4	Microbes in nature	<ul style="list-style-type: none"> Introduction Microbiology of Air: Microflora of air, Enumeration of Microbes in air Microbiology of Water Microbiology of soil <p>(Ch.25,26–Microbiology by Pelczar, Chan, Krieg) (Ch.12-Foundations in Microbiology by U. Patil, A. B. Chaudhari, J. S. Kulkarni, Dr. S. B. Chincholkar)</p>	3.Observation of microorganisms using Permanent slides: Bacteria (Gram positive/negative), Algae ,Fungi, Protozoa .

Suggested Readings:

Reference Books	Author/Publication
Foundations in Microbiology	U. Patil, Dr. A. B. Chaudhari, Dr. J .S. Kulkarni, Dr. S. B. Chincholkar
Microbiology	Michael J. Pelczar, Jr. E. C. S. Chan ,Noel R. Krieg- Tata Mc Graw Hill
A Text Book of Microbiology	R.C.Dubey ,D.K.Maheshwari

SYLLABUS

Stream: B.Sc. (Microbiology)

Subject: ENGLISH COMMUNICATION AND LIFE SKILLS

Semester-I

UNIT NO:	NAME OF THE UNIT	THEORETICAL SESSIONS	PRACTICAL SESSIONS TOPICS	
1	ENGLISH GRAMMAR FUNDAMENTALS	<ul style="list-style-type: none"> Nouns Nouns: Number Nouns: Gender Adjective Degree of Comparison Articles Grammar exercises 	LAB. BASED	CLASSROOM ACTIVITY
			Nouns Adjectives Degree of Comparison	Degree of Comparison Activity
2	READING & COMPREHENSION	<ul style="list-style-type: none"> Introduction to reading, comprehension and pronunciation Framing answer and making sentences 	LAB. BASED	CLASSROOM ACTIVITY
			Phonics Listening and Speaking	Role Play Reading and Comprehension activities
3	FRAMING SENTENCES AND VOCABULARY	<ul style="list-style-type: none"> Framing Simple Sentences WH questions and use Word Building – Synonyms Word Building – 	LAB. BASED	CLASSROOM ACTIVITY
			Word Building	Word Building activities Role Play

		<p>Antonyms</p> <ul style="list-style-type: none"> • Making sentences • Introduction and meaning of Role play 		Activities
4	POSITIVE OUTLOOK AND ATTITUDE	<ul style="list-style-type: none"> • How positive outlook reduces stress levels • Positive Outlook and clothing • Overcoming negative Attitude • Positive Attitude for Personal Development 	LAB. BASED	CLASSROOM ACTIVITY
				Learning about Positive Outlook Attitude Matters
5	SPOKEN ENGLISH SKILLS AND BODY LANGUAGE	<ul style="list-style-type: none"> • Self Introduction • General conversations in English • Knowing correct body language • Correct body language while speaking • Do's and don'ts for body Language 	LAB. BASED	CLASSROOM ACTIVITY
				Conversational Skills Self Introduction

Suggested Reading:

English Work Book – Series I & II (Prepared as per syllabus)

Text:

The Adventures of Huckleberry Finn – by Mark Twain

The Return of Vaman – A science fiction novel by Jayant Narlikar

SYLLABUS

Stream: B.Sc. (Microbiology)

Subject: ENVIRONMENTAL SCIENCE

Semester - I

UNIT NO:	NAME OF THE UNIT	THEORETICAL SESSIONS	PRACTICAL SESSION TOPICS/CASE STUDY TOPICS
1	The multidisciplinary nature of environmental studies	<ul style="list-style-type: none"> Environmental Science – definition, scope & importance, Evolution of the universe, origin of the earth; solar system; evolution of life; atmosphere of the primitive earth, abiotic component of environment, Environmental balance, balance in O₂ and CO₂ in air; thermal balance; balance in predator and prey population <p>(Ch-1-Environment and Ecology by Smriti Srivastava (Ch-1-Basics of Environmental Studies by Shefali shah</p>	1. Ozone Hole Continues to grow. 2. Problems of Environmental Degradation
2	Ecology	<ul style="list-style-type: none"> Ecology & its branches, scope of Ecology and its relation to other divisions of sciences; autecology and synecology, Concept and structure of ecosystem, functions of ecosystem, Types of Ecosystems, Concept of habitat; ecological niche; guild, Significance of ecological adaptation; ecological adaptation in plants and animals- Zeric adaptations in plants and animals; adaptations of plants and animals to aquatic habitat; arboreal adaptations in plants and animals <p>(Ch-2-Basics of Environmental Studies by Shefali shah</p>	3. Ecosystem: Based Adaptation. 4. Diversity & Ecosystem Productivity.

3	Ecosystems	<ul style="list-style-type: none"> • Concept and scope of environmental chemistry, chemical toxicology, hazardous chemicals, carcinogens, occupier, effluent etc, • The natural cycles of the environment, Ozone depletion –causes and effects; Global warming – major green house gases, causes and effects; Acid rain –causes and effects, Acid – base reactions in water, Chemistry of decaying compounds, Case Studies. <p>(Ch-4-Basics of Environmental Studies by Shefali shah (Ch-6-Environment and Ecology by Smriti Srivastava</p> <ul style="list-style-type: none"> • Earth - Its interior and surface, Layers of the earth, Earth’s Crust: Formation of Rocks, Major land forms and their transformation, Denudation and its agents: Weathering – Mechanical and chemical - Agents of weathering, Composition of soil, formation and types of soils. <p>(Ch-4-Basics of Environmental Studies by Shefali shah</p>	<p>5. Global Climate change: Evidences & Causes.</p> <p>6. Ecological Niche</p> <p>7. The Rise & Fall of DDT</p> <p>8. Environmental Chemistry of Phosphorus.</p>
4	Biogeochemical cycle	<ul style="list-style-type: none"> • Carbon cycle • Nitrogen cycle • Phosphorus cycle • Oxygen cycle • Water cycle <p>(Ch-2-Basics of Environmental Studies by Shefali shah</p>	<p>9. Poisoning Bhopal.</p> <p>10. The wealth of water.</p>

Suggested Readings:

Reference Books	Author/Publication
Basics Of Environmental studies	Shefali shah,Roopal Goyal,Atul Prakashan
Microbiology	Michael J.Pelczar,Jr.E.C.S. Chan ,Noel R.Krieg-Tata Mc Graw Hill
A Text Book of Microbiology	R.C.Dubey ,D.K.Maheshwari
Environment and Ecology	Smriti Srivastava,S.K.kataria&Sons

Stream: B.Sc Microbiology & Biotechnology

Subject: Animal and Plant physiology

Semester: II

SYLLABUS

UNIT NO:	NAME OF THE UNIT	THEORETICAL SESSIONS	PRACTICAL SESSION TOPICS/CASE STUDY TOPICS
1	Photosynthesis:	<ul style="list-style-type: none"> ○ Photosynthetic pigments, electron transport, Photophosphorylation and Carbon fixation pathways. ○ Fixation of atmospheric nitrogen by plants and microorganisms. Nitrate uptake and metabolism. ○ Plant hormones: Cytokinins, Gibberellic acid, Auxins, Ethylene. Abscissic acid- their physiological effects and mode of action. ○ Nutrition- Macronutrients and micronutrients and their uptake by plants. ○ Seed germination and dormancy. ○ Photoperiodism. Vernalization, Flowering. Senescence, Abscission. <p>(Botany for Degree Students 6 Rev ed Edition by A.C Dutta)</p>	1)Photosynthetic pigment analysis by Chromatography. 2)effect of sunlight on photosynthesis 3)Study of leaf and stem morphology 4)Staining of lignin of plant
2	(a) Respiratory system (b) Excretory system	<ul style="list-style-type: none"> ○ Diffusion of oxygen and carbon dioxide, transport of oxygen, role of hemoglobin, dissociation curve of oxyhemoglobin and its significance, transport of CO₂ and chloride shift. ○ Various buffer system of the blood, acidosis, alkalosis. Role of lung in respiration. ○ Kidney- structure, its organization and function. Structural and functional characteristics of tubules, ultra filtration, selective reabsorption and secretion, role of aldosterone and antidiuretic hormones and mechanism of urine formation. <p>(Human Physiology 4th edition by Lauralee Sherwood)</p>	5)Blood group analysis 6)Determination of hemoglobin content by haemoglobinmeter.
3	Digestive System	<ul style="list-style-type: none"> ○ Different components, digestion and absorption of carbohydrates, lipids and proteins, ○ Endocrine- brief outline of various endocrine glands and their physiological roles, storage and secretion of hormones. 	7)Determination of total cholesterol from blood

		(Human Physiology 4th edition by Lauralee Sherwood)	8)Determination of serumbilirubin
4	Nervous System	<ul style="list-style-type: none"> ○ Nerve cells, nerve fibers, nerve impulse ○ neurotransmission, chemical and electrical synapses, functional properties of nerve fibers, action potential, the reflex action and reflex arc. <p>Human Physiology 4th edition by Lauralee Sherwood</p>	

Suggested Readings:

Reference Books	Author/Publication
Botany for Degree Students 6 Rev ed Edition	A.C Dutta
Human Physiology 4 th edition	Lauralee Sherwood

BACTERIOLOGY

SYLLABUS

SEMESTER - II

UNIT NO:	NAME OF THE UNIT	THEORETICAL SESSIONS	PRACTICAL SESSION TOPICS/CASE STUDY TOPICS
1	Classification of microorganisms	<ul style="list-style-type: none"> ○ Haeckel's three kingdom. ○ Whittaker's five kingdom. ○ Three domain concept of Carl Woese, ○ Classification and salient features of Bergey's manual. 	<p>1. Study the life history and contributions of the following scientists using photographs:</p> <ol style="list-style-type: none"> 1. Anton van Leeuwenhoek 2. Joseph Lister 3. Louis Pasteur 4. Robert Koch 5. Alexander Fleming,
2	Morphology of Bacteria	<ul style="list-style-type: none"> ○ Size, shape and arrangement of bacterial cells. ○ Structures external to cell wall- Flagella, pili, capsule, sheath and prosthecae. ○ Structures internal to cell wall- Cell membrane, nuclear material, cell wall (Protoplast and Spheroplast), spores, cytoplasmic inclusions, magnetosomes and plasmids. ○ Morphology of bacteria: cell walls of archaebacteria and eubacteria. 	<ol style="list-style-type: none"> 2. Cell wall staining 3. Acid Fast staining 4. Flagella staining
3	Microbial Diversity	<ul style="list-style-type: none"> ○ Archaebacteria (Methanogens, Halophiles, Thermophiles) ○ Eubacteria (E. Coli, Bacillus, Streptococcus, Staphylococcus, Spirillum and Streptomyces) 	<ol style="list-style-type: none"> 5. Identification of unknown Bacterial culture

4	Bacterial Growth	<ul style="list-style-type: none"> ○ Nutritional types of bacteria. ○ Bacterial growth- Culture media, Growth curve, Batch, continuous and synchronous cultures. ○ Measurement of bacterial growth- Growth kinetics, Generation time and growth rate. ○ Factors affecting microbial growth. 	<p>6. Effect of physiological factors (physical and chemical) on growth of micro organisms,</p> <p>7. pH, temperature, nitrogen and carbon sources.</p>
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Text book:

Microbiology: Pelczar M J, Chan E C S and Kreig N R Tata Mc Grow Hill

Suggested Readings:

Reference Books	Author/Publication
General Microbiology	R Y Stanier, Adelberg E A and J L Ingraham, Mac Millan Press Inc.
Principles of Microbiology	R M Atlas Wm C brown Publishers
Microbiology: An Introduction	Tortora G J, Funke B R and Case C L Pearson Education Inc
Brock's biology of Microorganisms	Madigan M T and Martinko J M Pearson Education Inc

SYLLABUS

Stream: B.Sc. (Microbiology)

Subject: Cell biology and Genetics

Semester: II

UNIT NO:	NAME OF THE UNIT	THEORETICAL SESSIONS	PRACTICAL SESSION TOPICS/CASE STUDY TOPICS
1	Fundamentals of cell	<ul style="list-style-type: none"> ○ Cell theory, cell basic unit of life, characterization of cell ○ Cell structure, function and its organization: Prokaryotic and eukaryotic cell. Cell anatomy: cell wall, cell membrane, mitochondria, chloroplast, cytoplasm, nucleus, Golgi apparatus, lysosome, cytoskeleton. ○ Different type of cells and tissue. 	<ol style="list-style-type: none"> 1. Slides identification 2. Poster presentation on cell structure
2	Cell growth and development	<ul style="list-style-type: none"> ○ Cell division: Mitosis and meiosis, cell growth and proliferation, ○ Cell cycle and regulation. ○ Cancer and its characteristics. 	<ol style="list-style-type: none"> 3. Study of Mitosis from Onion root tip 4. Hemocytometer(Cell counting)
3	Cellular Transport	<ul style="list-style-type: none"> ○ Active transport ○ Passive transport ○ Apoptosis 	
3	Introduction to Genetics	<ul style="list-style-type: none"> ○ Genetic material ○ Mendelian laws of inheritance ○ Gene Interaction ○ Sex Determination plants and animals 	
4	Linkage, crossing over and basic microbial genetics	<ul style="list-style-type: none"> ○ Mapping of gene: linkage map, cytogenetic map and physical maps. ○ Recombination and Crossing over ○ Chromosome mapping ○ Conjugation, transformation, transduction and their use in genetic mapping ○ Gene frequencies in population, Hardy-Weinberg law 	<ol style="list-style-type: none"> 5. Exercise of Genetic problem 6. Study of Karyotyping

Text Book:**Suggested Readings:**

Reference Books	Author/Publication
Cell biology	Geoffrey M. Coppoer, Robert E.Hausman
Cell biology	Bruce Alberts (Author), Alexander Johnson (Author), Julian Lewis (Author), Martin Raff (Author), Keith Roberts (Author),Peter Walter (Author)
Principle of genetics	Michael J Simmons, Eldon John Gardner, D.peter snustad
Genome	T.A Brown
Cell and Molecular Biology	Lodish
Gene X	Lewin
Genetics	Monroe W. Strickberger
Gene	Lewin and benjamin

SYLLABUS

Stream: B.Sc. (Microbiology/Biotechnology)

Subject: Inorganic Chemistry

Semester: II

UNIT NO:	NAME OF THE UNIT	THEORETICAL SESSIONS	PRACTICAL SESSION TOPICS/CASE STUDY TOPICS
1	Atomic Structure	<ul style="list-style-type: none"> Idea of de Broglie matter waves Heisenberg Uncertainty principle Atomic orbital's, Schrodinger wave equation, Significance of Ψ and Ψ^2, Quantum numbers, radial and angular wave function & probability distribution curves, Shapes of s, p, d orbital. Aufbau and Pauli Exclusion Principle Hund's multiplicity rule. Electronic configuration of the elements and effective nuclear charge. 	1. To determine Normality, gm/lit & Molarity of xN Na_2CO_3 solution by using 0.1N HCl Solution.
2	Periodic properties	<ul style="list-style-type: none"> Atomic and ionic radii, Ionization energy, Electron affinity and electronegativity-definition, methods of determination and evaluation, trends in periodic table and application in predicting and explaining the chemical behaviour. 	2. Qualitative Analysis of Inorganic Substances. 1. $\text{Pb}(\text{NO}_3)_2$ 2. CdCl_2 3. $\text{Cu}_3(\text{PO}_4)_2$
3	Chemical Bonding	<ul style="list-style-type: none"> Covalent Bond- Valence bond theory and its limitations, directional characteristics of covalent bond, various type of hybridization and shapes of simple inorganic molecules and ions. Valence shell electron pair repulsion (VSEPR) theory to NH_3, H_3O^+, SF_4, ClF_3, ICl_2 and H_2O. MO theory, homonuclear and heteronuclear (CO and NO) diatomic molecules, multicentre bonding in electron deficient molecules, bond strength and bond energy, percentage ionic character from dipole moment and electro negativity difference. (B) Weak Interactions-Hydrogen bonding, Van 	4. $\text{Al}_2(\text{SO}_4)_3$ 5. MnSO_4 6. NiCO_3 7. ZnS , 8. $\text{K}_2\text{Cr}_2\text{O}_7$, 9. KCl 10. MnO_2

		der waals forces • (C) Ionic solids and lattice energy(Born-Haber cycle)	
4	(A) Chemistry of Noble Gases (B) S block Elements	<ul style="list-style-type: none"> • Chemical properties of noble gases, chemistry of xenon, structure and bonding in xenon compounds. • Comparative study and diagonal relationship, Saisent feature of hydrides, Solvation and complexation tendencies including their function in biosystem, an introduction to aryls and alkyls. 	

Suggested Readings:

Reference Books	Author/Publication
Essentials of Physical chemistry	Bahl Arun, S Chand, 2012
Advanced chemistry	Maple James, London: John Murray, 1996
General chemistry	Ebbing Darrell D, 5 th , A I T B S Publishers, 2002
Advanced Inorganic Chemistry	Volume I, Satyaprakash, G D Tuli, S. K. Basu, R. D. Madan
‘Modern Inorganic Chemistry’	G. F. Liporni, ELBS, 4 th edition, Collins educational, 1983.

Stream: B.Sc Microbiology

Subject: Microbial physiology

Semester: II

SYLLABUS

UNIT NO:	NAME OF THE UNIT	THEORETICAL SESSIONS	PRACTICAL SESSION TOPICS/CASE STUDY TOPICS
1	Bacterial Photosynthesis	<ul style="list-style-type: none"> ○ Photosynthetic microorganisms, ○ photosynthetic pigments ○ generation of reducing power by cyclic and non-cyclic photophosphorylation, ○ electron transport chain in photosynthetic bacteria. ○ Carbon dioxide fixation pathways. <p>(A Text Book Of Microbiology by R.C Dubey and Maheshwari)</p>	
2	Bacterial Respiration	<p>(a) Bacterial aerobic respiration</p> <ul style="list-style-type: none"> ○ components of electron transport chain, free energy changes and electron transport, ○ oxidative phosphorylation and theories of ATP formation, inhibition of electron transport chain. ○ Electron transport chain in some heterotrophic and chemolithotrophic bacteria. <p>(b) Bacterial anaerobic respiration:</p> <ul style="list-style-type: none"> ○ Introduction. Nitrate, carbonate and sulfate as electron acceptors. ○ Electron transport chains in some anaerobic bacteria. Catalase, super oxide dismutase, mechanism of oxygen toxicity <p>(Microbiology by Michael J. Pelczar, Chan, Noel R. Krieg)</p>	<p>1. Catalase Test</p> <p>2. Oxidase test</p>
3	Bacterial Permeation	<ul style="list-style-type: none"> ○ Structure and organization of membrane (Glyco-conjugants and proteins in membrane systems), fluid mosaic model of membrane. ○ Methods to study diffusion of solutes in bacteria, passive diffusion, facilitated diffusion, different mechanisms of active diffusion (Proton Motive Force ○ , PTS, role of permeases in transport, 	<p>3) Isolation of halophilic microbes.</p> <p>4) Isolation of psychrophilic microbes.</p>

		<ul style="list-style-type: none"> ○ different permeases in E. coli. Transport of aminoacids and inorganic ions in microorganisms and their mechanisms. 	
4	Sporulation	<ul style="list-style-type: none"> ○ Introduction of sporulation in bacteria ○ Steps of Sporulation ○ Structure of spores ○ Catabolic repression during sporulation ○ Bacterial sporulation as a reproductive process. ○ Regeneration from spores <p>(Microbiology by Michael J.Pelczar,Chan,Noel R.Krieg)</p>	5.staining of bacterial spores of <i>Bacillus</i>

Suggested Readings:

Reference Books	Author/Publication
Microbiology	Michael J.Pelczar,Chan,Noel R.Krieg
A Text Book Of Microbiology	R.C Dubey and Maheshwari
Microbiology	Prescott,Harley and Klein

Stream: B.Sc Microbiology & Biotechnology

Subject: Animal and Plant physiology

Semester: II

SYLLABUS

UNIT NO:	NAME OF THE UNIT	THEORETICAL SESSIONS	PRACTICAL SESSION TOPICS/CASE STUDY TOPICS
1	Photosynthesis:	<ul style="list-style-type: none"> ○ Photosynthetic pigments, electron transport, Photophosphorylation and Carbon fixation pathways. ○ Fixation of atmospheric nitrogen by plants and microorganisms. Nitrate uptake and metabolism. ○ Plant hormones: Cytokinins, Gibberellic acid, Auxins, Ethylene. Abscissic acid- their physiological effects and mode of action. ○ Nutrition- Macronutrients and micronutrients and their uptake by plants. ○ Seed germination and dormancy. ○ Photoperiodism. Vernalization, Flowering. Senescence, Abscission. <p>(Botany for Degree Students 6 Rev ed Edition by A.C Dutta)</p>	1)Photosynthetic pigment analysis by Chromatography. 2)effect of sunlight on photosynthesis 3)Study of leaf and stem morphology 4)Staining of lignin of plant
2	(a) Respiratory system (b) Excretory system	<ul style="list-style-type: none"> ○ Diffusion of oxygen and carbon dioxide, transport of oxygen, role of hemoglobin, dissociation curve of oxyhemoglobin and its significance, transport of CO₂ and chloride shift. ○ Various buffer system of the blood, acidosis, alkalosis. Role of lung in respiration. ○ Kidney- structure, its organization and function. Structural and functional characteristics of tubules, ultra filtration, selective reabsorption and secretion, role of aldosterone and antidiuretic hormones and mechanism of urine formation. <p>(Human Physiology 4th edition by Lauralee Sherwood)</p>	5)Blood group analysis 6)Determination of hemoglobin content by haemoglobinmeter.
3	Digestive System	<ul style="list-style-type: none"> ○ Different components, digestion and absorption of carbohydrates, lipids and proteins, ○ Endocrine- brief outline of various endocrine glands and their physiological roles, storage and secretion of hormones. 	7)Determination of total cholesterol from blood

		(Human Physiology 4th edition by Lauralee Sherwood)	8)Determination of serumbilirubin
4	Nervous System	<ul style="list-style-type: none"> ○ Nerve cells, nerve fibers, nerve impulse ○ neurotransmission, chemical and electrical synapses, functional properties of nerve fibers, action potential, the reflex action and reflex arc. <p>Human Physiology 4th edition by Lauralee Sherwood</p>	

Suggested Readings:

Reference Books	Author/Publication
Botany for Degree Students 6 Rev ed Edition	A.C Dutta
Human Physiology 4 th edition	Lauralee Sherwood

BACTERIOLOGY

SYLLABUS

SEMESTER - II

UNIT NO:	NAME OF THE UNIT	THEORETICAL SESSIONS	PRACTICAL SESSION TOPICS/CASE STUDY TOPICS
1	Classification of microorganisms	<ul style="list-style-type: none"> ○ Haeckel's three kingdom. ○ Whittaker's five kingdom. ○ Three domain concept of Carl Woese, ○ Classification and salient features of Bergey's manual. 	<p>1. Study the life history and contributions of the following scientists using photographs:</p> <ol style="list-style-type: none"> 1. Anton van Leeuwenhoek 2. Joseph Lister 3. Louis Pasteur 4. Robert Koch 5. Alexander Fleming,
2	Morphology of Bacteria	<ul style="list-style-type: none"> ○ Size, shape and arrangement of bacterial cells. ○ Structures external to cell wall- Flagella, pili, capsule, sheath and prosthecae. ○ Structures internal to cell wall- Cell membrane, nuclear material, cell wall (Protoplast and Spheroplast), spores, cytoplasmic inclusions, magnetosomes and plasmids. ○ Morphology of bacteria: cell walls of archaebacteria and eubacteria. 	<ol style="list-style-type: none"> 2. Cell wall staining 3. Acid Fast staining 4. Flagella staining
3	Microbial Diversity	<ul style="list-style-type: none"> ○ Archaeobacteria (Methanogens, Halophiles, Thermophiles) ○ Eubacteria (E. Coli, Bacillus, Streptococcus, Staphylococcus, Spirillum and Streptomyces) 	<ol style="list-style-type: none"> 5. Identification of unknown Bacterial culture

4	Bacterial Growth	<ul style="list-style-type: none"> ○ Nutritional types of bacteria. ○ Bacterial growth- Culture media, Growth curve, Batch, continuous and synchronous cultures. ○ Measurement of bacterial growth- Growth kinetics, Generation time and growth rate. ○ Factors affecting microbial growth. 	<p>6. Effect of physiological factors (physical and chemical) on growth of micro organisms,</p> <p>7. pH, temperature, nitrogen and carbon sources.</p>
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Text book:

Microbiology: Pelczar M J, Chan E C S and Kreig N R Tata Mc Grow Hill

Suggested Readings:

Reference Books	Author/Publication
General Microbiology	R Y Stanier, Adelberg E A and J L Ingraham, Mac Millan Press Inc.
Principles of Microbiology	R M Atlas Wm C brown Publishers
Microbiology: An Introduction	Tortora G J, Funke B R and Case C L Pearson Education Inc
Brock's biology of Microorganisms	Madigan M T and Martinko J M Pearson Education Inc

SYLLABUS

Stream: B.Sc. (Microbiology)

Subject: Cell biology and Genetics

Semester: II

UNIT NO:	NAME OF THE UNIT	THEORETICAL SESSIONS	PRACTICAL SESSION TOPICS/CASE STUDY TOPICS
1	Fundamentals of cell	<ul style="list-style-type: none"> ○ Cell theory, cell basic unit of life, characterization of cell ○ Cell structure, function and its organization: Prokaryotic and eukaryotic cell. Cell anatomy: cell wall, cell membrane, mitochondria, chloroplast, cytoplasm, nucleus, Golgi apparatus, lysosome, cytoskeleton. ○ Different type of cells and tissue. 	<ol style="list-style-type: none"> 1. Slides identification 2. Poster presentation on cell structure
2	Cell growth and development	<ul style="list-style-type: none"> ○ Cell division: Mitosis and meiosis, cell growth and proliferation, ○ Cell cycle and regulation. ○ Cancer and its characteristics. 	<ol style="list-style-type: none"> 3. Study of Mitosis from Onion root tip 4. Hemocytometer(Cell counting)
3	Cellular Transport	<ul style="list-style-type: none"> ○ Active transport ○ Passive transport ○ Apoptosis 	
3	Introduction to Genetics	<ul style="list-style-type: none"> ○ Genetic material ○ Mendelian laws of inheritance ○ Gene Interaction ○ Sex Determination plants and animals 	
4	Linkage, crossing over and basic microbial genetics	<ul style="list-style-type: none"> ○ Mapping of gene: linkage map, cytogenetic map and physical maps. ○ Recombination and Crossing over ○ Chromosome mapping ○ Conjugation, transformation, transduction and their use in genetic mapping ○ Gene frequencies in population, Hardy-Weinberg law 	<ol style="list-style-type: none"> 5. Exercise of Genetic problem 6. Study of Karyotyping

Text Book:**Suggested Readings:**

Reference Books	Author/Publication
Cell biology	Geoffrey M. Coppoer, Robert E.Hausman
Cell biology	Bruce Alberts (Author), Alexander Johnson (Author), Julian Lewis (Author), Martin Raff (Author), Keith Roberts (Author),Peter Walter (Author)
Principle of genetics	Michael J Simmons, Eldon John Gardner, D.peter snustad
Genome	T.A Brown
Cell and Molecular Biology	Lodish
Gene X	Lewin
Genetics	Monroe W. Strickberger
Gene	Lewin and benjamin

SYLLABUS

Stream: B.Sc. (Microbiology/Biotechnology)

Subject: Inorganic Chemistry

Semester: II

UNIT NO:	NAME OF THE UNIT	THEORETICAL SESSIONS	PRACTICAL SESSION TOPICS/CASE STUDY TOPICS
1	Atomic Structure	<ul style="list-style-type: none"> Idea of de Broglie matter waves Heisenberg Uncertainty principle Atomic orbital's, Schrodinger wave equation, Significance of Ψ and Ψ^2, Quantum numbers, radial and angular wave function & probability distribution curves, Shapes of s, p, d orbital. Aufbau and Pauli Exclusion Principle Hund's multiplicity rule. Electronic configuration of the elements and effective nuclear charge. 	1. To determine Normality, gm/lit & Molarity of xN Na_2CO_3 solution by using 0.1N HCl Solution.
2	Periodic properties	<ul style="list-style-type: none"> Atomic and ionic radii, Ionization energy, Electron affinity and electronegativity-definition, methods of determination and evaluation, trends in periodic table and application in predicting and explaining the chemical behaviour. 	2. Qualitative Analysis of Inorganic Substances. 1. $\text{Pb}(\text{NO}_3)_2$ 2. CdCl_2 3. $\text{Cu}_3(\text{PO}_4)_2$
3	Chemical Bonding	<ul style="list-style-type: none"> Covalent Bond- Valence bond theory and its limitations, directional characteristics of covalent bond, various type of hybridization and shapes of simple inorganic molecules and ions. Valence shell electron pair repulsion (VSEPR) theory to NH_3, H_3O^+, SF_4, ClF_3, ICl_2 and H_2O. MO theory, homonuclear and heteronuclear (CO and NO) diatomic molecules, multicentre bonding in electron deficient molecules, bond strength and bond energy, percentage ionic character from dipole moment and electro negativity difference. (B) Weak Interactions-Hydrogen bonding, Van 	4. $\text{Al}_2(\text{SO}_4)_3$ 5. MnSO_4 6. NiCO_3 7. ZnS , 8. $\text{K}_2\text{Cr}_2\text{O}_7$, 9. KCl 10. MnO_2

		der waals forces • (C) Ionic solids and lattice energy(Born-Haber cycle)	
4	(A) Chemistry of Noble Gases (B) S block Elements	<ul style="list-style-type: none"> • Chemical properties of noble gases, chemistry of xenon, structure and bonding in xenon compounds. • Comparative study and diagonal relationship, Saisent feature of hydrides, Solvation and complexation tendencies including their function in biosystem, an introduction to aryls and alkyls. 	

Suggested Readings:

Reference Books	Author/Publication
Essentials of Physical chemistry	Bahl Arun, S Chand, 2012
Advanced chemistry	Maple James, London: John Murray, 1996
General chemistry	Ebbing Darrell D, 5 th , A I T B S Publishers, 2002
Advanced Inorganic Chemistry	Volume I, Satyaprakash, G D Tuli, S. K. Basu, R. D. Madan
‘Modern Inorganic Chemistry’	G. F. Liporni, ELBS, 4 th edition, Collins educational, 1983.

Stream: B.Sc Microbiology

Subject: Microbial physiology

Semester: II

SYLLABUS

UNIT NO:	NAME OF THE UNIT	THEORETICAL SESSIONS	PRACTICAL SESSION TOPICS/CASE STUDY TOPICS
1	Bacterial Photosynthesis	<ul style="list-style-type: none"> ○ Photosynthetic microorganisms, ○ photosynthetic pigments ○ generation of reducing power by cyclic and non-cyclic photophosphorylation, ○ electron transport chain in photosynthetic bacteria. ○ Carbon dioxide fixation pathways. <p>(A Text Book Of Microbiology by R.C Dubey and Maheshwari)</p>	
2	Bacterial Respiration	<p>(a) Bacterial aerobic respiration</p> <ul style="list-style-type: none"> ○ components of electron transport chain, free energy changes and electron transport, ○ oxidative phosphorylation and theories of ATP formation, inhibition of electron transport chain. ○ Electron transport chain in some heterotrophic and chemolithotrophic bacteria. <p>(b) Bacterial anaerobic respiration:</p> <ul style="list-style-type: none"> ○ Introduction. Nitrate, carbonate and sulfate as electron acceptors. ○ Electron transport chains in some anaerobic bacteria. Catalase, super oxide dismutase, mechanism of oxygen toxicity <p>(Microbiology by Michael J. Pelczar, Chan, Noel R. Krieg)</p>	<p>1. Catalase Test</p> <p>2. Oxidase test</p>
3	Bacterial Permeation	<ul style="list-style-type: none"> ○ Structure and organization of membrane (Glyco-conjugants and proteins in membrane systems), fluid mosaic model of membrane. ○ Methods to study diffusion of solutes in bacteria, passive diffusion, facilitated diffusion, different mechanisms of active diffusion (Proton Motive Force ○ , PTS, role of permeases in transport, 	<p>3) Isolation of halophilic microbes.</p> <p>4) Isolation of psychrophilic microbes.</p>

		<ul style="list-style-type: none"> ○ different permeases in E. coli. Transport of aminoacids and inorganic ions in microorganisms and their mechanisms. 	
4	Sporulation	<ul style="list-style-type: none"> ○ Introduction of sporulation in bacteria ○ Steps of Sporulation ○ Structure of spores ○ Catabolic repression during sporulation ○ Bacterial sporulation as a reproductive process. ○ Regeneration from spores <p>(Microbiology by Michael J.Pelczar,Chan,Noel R.Krieg)</p>	5.staining of bacterial spores of <i>Bacillus</i>

Suggested Readings:

Reference Books	Author/Publication
Microbiology	Michael J.Pelczar,Chan,Noel R.Krieg
A Text Book Of Microbiology	R.C Dubey and Maheshwari
Microbiology	Prescott,Harley and Klein



Rai University
EVOLVING THINKING MINDS

Ahmedabad

Annexure - 10

RAI UNIVERSITY, AHMEDABAD

**School of Applied and Engineering Sciences
For Program B Tech**

**Summary of the scheme of Program B Tech
04 Years' B Tech Course**

2 Semesters per year	=	total 8 semester
Time	:	15 weeks per semester
Class hours per week	:	24 class hours + 10 lab hrs
Total number of papers for the entire course	=	48
Per semester number of papers	=	6
Course	:	B Tech
Compulsory papers (Core)	=	28 papers
Interdisciplinary papers	=	14 papers
Foundation papers	=	6 papers

RAI UNIVERSITY, AHMEDABAD

School of Applied and Engineering Sciences For Program Diploma Summary of the scheme of Program Diploma 03 Years' Diploma Course

2 Semesters per year	=	total 6 semester
Time	:	15 weeks per semester
Class hours per week	:	24 class hours + 10 lab hrs
Total number of papers for the entire course	=	36
Per semester number of papers	=	6
Course	:	Diploma
Compulsory papers (Core)	=	23 papers
Interdisciplinary papers	=	09 papers
Foundation papers	=	04 papers

RAI UNIVERSITY, AHMEDABAD

Department of Science For Program B. Sc Summary of the scheme of Program B. Sc 03 Years' B. Sc Course

2 Semesters per year	=	total 6 semester
Time	:	15 weeks per semester
Class hours per week	:	24 class hours + 10 lab hrs
Total number of papers for the entire course	=	36
Per semester number of papers	=	6
Course	:	B. Sc
Compulsory papers (Core)	=	23 papers
Interdisciplinary papers	=	09 papers
Foundation papers	=	04 papers

RAI UNIVERSITY, AHMEDABAD

Department of Science For Program MBA Summary of the scheme of Program MBA 02 Years' MBA Course

2 Semesters per year	=	total 4 semester
Time	:	15 weeks per semester
Class hours per week	:	28 class hours + 06 lab hrs
Total number of papers for the entire course	=	30
Per semester number of papers	=	7
Course	:	MBA
Compulsory papers (Core)	=	20 papers
Interdisciplinary papers	=	05 papers
Foundation papers	=	05 papers

RAI UNIVERSITY, AHMEDABAD

Department of Science For Program BBA Summary of the scheme of Program BBA 03Years' BBA Course

2 Semesters per year	=	total 6 semester
Time	:	15 weeks per semester
Class hours per week	:	28 class hours + 06 lab hrs
Total number of papers for the entire course	=	42
Per semester number of papers	=	7
Course	:	MBA
Compulsory papers (Core)	=	26 papers
Interdisciplinary papers	=	09 papers
Foundation papers	=	07 papers

DIPLOMA MECHANICAL								
Subject Code	SUBJECT NAME	TEACHING SCHEME			CREDIT	EXAMINATION MARK		TOTAL MARKS
		THEORY	TUTORIAL	PRACTICAL		THEORY	PRACTICAL	
DIPLOMA SEMESTER I SUBJECT SCHEME								
0200101	MATHEMATICS-I	3	1	0	4	100	0	100
0200201	MATHEMATICS-II	3	1	0	4	100	0	100
0200102	ENGLISH COMMUNICATION AND LIFE SKILL-I	4	0	0	4	100	0	100
0200202	ENGLISH COMMUNICATION AND LIFE SKILL-II	4	0	0	4	100	0	100
0200103	APPLIED SCIENCE (PHYSICS)	3	1	2	6	100	50	150
0200104	APPLIED SCIENCE (CHEMISTRY)	3	1	2	6	100	50	150
0201101	BASICS OF MECHANICAL ENGINEERING	4	0	2	6	100	50	150
0201102	BASICS OF ENGINEERING GRAPHICS	2	0	4	6	100	0	100
0201103	ENGINEERING MECHANICS	3	1	2	6	100	50	150
0201104	WORKSHOP	0	0	4	4	0	100	100
0208101	COMPUTER FUNDAMENTALS AND PROGRAMMING WITH C	4	0	2	6	100	50	150
0200105	ENVIRONMENTAL SCIENCE	3	1	0	4	100	0	100
0205101	BASICS OF ELECTRICAL ENGINEERING	3	1	2	6	100	50	150
0202101	BASICS OF CIVIL ENGINEERING	4	0	2	6	100	50	150
	TOTAL	43	7	22	72	1300	450	1750

B.Sc (MICROBIOLOGY)								
SUBJECT CODE	Subject Name	Teaching Scheme			CREDIT	EXAMINATION MARK		TOTAL MARKS
		Theory	TUTORIAL	Practical		THEORY	PRACTICAL	
B.SC. SEMESTER I SUBJECT SCHEME								
0500101	English Communication and Life Skill-I	4	0	0	4	100	0	100
0500102	Chemistry I	3	1	2	6	100	50	150
0500103	Computational skills	4	0	2	6	100	50	150
0500104	Environmental Science	3	1	0	4	100	0	100
0501101	Elementary Microbiology	4	0	2	6	100	50	150
0501102	Basic techniques in Microbiology	3	1	2	6	100	50	150
	TOTAL	21	3	8	32	600	200	800
B.SC. SEMESTER II SUBJECT SCHEME								
0500201	English Communication and Life Skill-II	4	0	0	4	100	0	100
0500202	Chemistry II	3	1	2	6	100	50	150
0501201	Cell biology and Genetics	4	0	2	6	100	50	150
0501202	Bacteriology	4	0	2	6	100	50	150
0501203	Microbial physiology	4	0	2	6	100	50	150
0502201	Animal and Plant physiology	4	0	2	6	100	50	150
	TOTAL	23	1	10	34	600	250	850

B.Sc BIOTECHNOLOGY								
SUBJECT CODE	Subject Name	Teaching Scheme			CREDIT	EXAMINATION MARK		TOTAL MARKS
		Theory	TUTORIAL	Practical		THEORY	PRACTICAL	
B.SC. SEMESTER I SUBJECT SCHEME								
0500101	English Communication and Life Skill-I	4	0	0	4	100	0	100
0500102	Chemistry I	3	1	2	6	100	50	150
0500103	Computational Skills	4	0	2	6	100	50	150
0500104	Environmental Science	3	1	0	4	100	0	100
0502101	Fundamentals of Biotechnology	4	0	0	4	100	0	100
0502102	Biophysics and Instrumentation	3	1	2	6	100	50	150
	TOTAL	21	3	6	30	600	150	750
B.SC. SEMESTER II SUBJECT SCHEME								
0500201	English Communication and Life Skill-II	4	0	0	4	100	0	100
0500202	Chemistry II	3	1	2	6	100	50	150
0502201	Animal & Plant Physiology	4	0	2	6	100	50	150
0502201	Bioanalytical Techniques	3	1	2	6	100	50	150
0501201	Cell Biology and Genetics	4	0	2	6	100	50	150
0501204	Basic Microbiology	4	0	2	6	100	50	150
	TOTAL	22	2	10	34	600	250	850

MBA

Subject Code	SUBJECT NAME	TEACHING SCHEME			CREDIT/ HOURS	EXAMINATION MARK		TOTAL MARKS
		THEORY	TUTORIAL	PRACTICAL		THEORY	PRACTICAL	
SEMESTER I								
0800101	ENGLISH COMMUNICATION & LIFE SKILLS - I	4	0	0	4	100	0	100
08101	INTRODUCTION TO MANAGEMENT	4	0	0	4	100	0	100
08102	ORGANIZATIONAL BEHAVIOR	4	0	0	4	100	0	100
08103	MANAGERIAL ECONOMICS	4	0	0	4	100	0	100
08104	ACCOUNTING FOR MANAGERS	3	1	0	4	100	0	100
08105	MARKETING MANAGEMENT - I	4	0	0	4	100	0	100
0800102	IT FOR MANAGERS	4	0	2	6	100	50	150
0800103	QUANTITATIVE TECHNIQUES	3	1	0	4	100	0	100
	TOTAL	30	2	2	34	800	50	850
SEMESTER II								
0800201	ENGLISH COMMUNICATION & LIFE SKILLS - II	4	0	0	4	100	0	100
0800202	RESEARCH METHODOLOGY	3	1	0	4	100	0	100
08201	MARKETING MANAGEMENT - II	4	0	0	4	100	0	100
08202	FINANCIAL MANAGEMENT	3	1	0	4	100	0	100
08203	HUMAN RESOURCE MANAGEMENT	4	0	0	4	100	0	100
08204	PRODUCTION & OPERATION MANAGEMENT	3	1	0	4	100	0	100
08205	GLOBAL BUSINESS ENVIRONMENT	4	0	0	4	100	0	100
0800203	ENTERPRISEWIDE INFORMATION SYSTEM	4	0	0	4	100	0	100
	TOTAL	29	3	0	32	800	0	800

BBA								
Subject Code	SUBJECT NAME	TEACHING SCHEME			CREDIT/ HOURS	EXAMINATION MARK		TOTAL MARKS
		THEORY	TUTORIAL	PRACTICAL		THEORY	PRACTICAL	
		SEMESTER I						
0700101	ENGLISH COMMUNICATION AND LIFE SKILL-I	4	0	0	4	100	0	100
0700102	INTRODUCTION TO COMPUTERS	4	0	2	6	100	50	150
07101	PRINCIPLES OF MANAGEMENT	4	0	0	4	100	0	100
07102	INTRODUCTION TO ACCOUNTING	3	1	0	4	100	0	100
07103	BUSINESS ECONOMICS - I (MICRO)	4	0	0	4	100	0	100
07104	INTRODUCTION TO BUSINESS ORGANIZATIONS	4	0	0	4	100	0	100
0700103	BUSINESS MATHS	3	1	0	4	100	0	100
	TOTAL	26	2	2	30	700	50	750
SEMESTER II								
0700201	ENGLISH COMMUNICATION AND LIFE SKILL-II	4	0	0	4	100	0	100
07201	ORGANIZATIONAL BEHAVIOR	4	0	0	4	100	0	100
07202	COST & MNGT. ACCOUNTING	3	1	0	4	100	0	100
07203	BUSINESS ECONOMICS - II (MACRO)	4	0	0	4	100	0	100
07204	GROWTH & STRUCTURE OF INDUSTRIES	4	0	0	4	100	0	100
0700202	BUSINESS MATHEMATICS II ('BUSINESS STATISTICS' FOR OLD BATCH OF 2012)	3	1	0	4	100	0	100
0700203	COMPUTER APPLICATIONS IN MANAGEMENT	4	0	2	6	100	50	150
	TOTAL	26	2	2	30	700	50	750



Rai University
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Ahmedabad

Annexure - 11

Rai University Ahmedabad

Annexure – 11

EXAMINATION SYSTEM

1. Introduction

Examination is a mandatory requirement to promote students to next semester / session. Examination is conducted in semester system twice in year. The examination shall be conducted in a peaceful environment without any encumbrances to the students.

The examination superintendents are advised to adopt following procedures for peaceful and transparent conduct of examination.

2. Preparations

2.1. **Seating Plan:** A seating plan shall be prepared and displayed in prominent places in the examination center as under:

- 2.1.1. Centrally at the Entrances
- 2.1.2. On the door of each class room

2.2. **Seating Arrangement:** Attempt shall be made to seat students of different disciplines /semesters in each row / column. A suitable distance shall be maintained between each student on either sides as well as at the front / rear. The seating plan shall as far as possible, be varied once during the course of the examinations for the semester.

2.3. **Displaying UIDs:** The Unique ID shall be affixed on each seat.

2.4. **Admission:** Students shall be allowed admission into the examination hall no sooner than 15 minutes before the commencement of the examination.

2.5. **Invigilation Schedule:** The examination superintendent shall prepare the invigilation schedule and circulate the same amongst the invigilators. He/She shall ask all the invigilators to sign the list in token of their acknowledgement.

2.6. **Water Carrier:** Adequate arrangements shall be made to ensure that the water carriers are available to serve water to the students inside the hall. No Tea/Coffee or eatables are however, allowed inside the examination Hall.

3. Invigilation

- 3.1. The Examination Superintendent shall arrange adequate invigilators well in advance. Following guidelines shall be followed;
 - 3.1.1. One Invigilator per 40-50 students.
 - 3.1.2. Generally, one invigilator shall be present in every room. The invigilator shall not leave the examination hall till a replacement has physically come to the examination hall.
 - 3.1.3. Block Supervisor – A Block Supervisor is responsible for supervision and smooth conduct of exam for approx 5 examination rooms.
 - 3.1.4. Vigilance Squad comprising of 4 Male and 1 Female will check for unfair means.
- 3.2. The invigilator shall perform the following checks / functions:
 - 3.2.1. Distribute answer books (A Book) 10 minutes before the commencement of the examination.
 - 3.2.2. Advise students to fill the cover sheet of the answer book correctly.
 - 3.2.3. Carry out physical check of the examination hall to ensure that no undesirable material has been kept hidden anywhere inside the hall.
 - 3.2.4. Physically check the entries on the top cover sheet of the answer books (A Book) and initial / sign the same.
 - 3.2.5. Make following announcement to the students before the commencement of the examination:
 - 3.2.5.1. All students shall ensure that they do not possess any paper / book hidden/ kept inside their pockets / on person which can debar them from continuing with the examination.
 - 3.2.5.2. All students shall ensure that no undesirable material is found in their neighborhood. Non-checking will not prove them innocent.
 - 3.2.5.3. All students shall be considered warned that infringement of the foregoing or any attempt to seek undue help/favors from a colleague, use of such like instruments in the toilet /outside/inside the examination hall will make him / her liable to be punished including imprisonment / rustication from the college, etc.
- 3.3. Vigilance Squad shall generally keep roaming around the examination hall and ensure that no student is using unfair means.
- 3.4. The invigilator shall warn the students who fail to maintain the sanctity of the examination. He shall apprehend the defaulters if they fail to abide by the instructions.
- 3.5. The invigilator shall take the attendance of the students present in the classroom and make them sign on the

form meant for the purpose (Form No.: RUG /Exm/01)

4. The invigilator shall make the students sign on the form so designed (Form No.: RUG /Exm/003), when they leave the hall to attend the call of nature. The student shall generally not remain away from the exam hall for more than 03 minutes at a time.

5. Collection of Answer Books

- 5.1. The examination superintendent shall arrange in advance the bundle of answer books (A & B books) as per the requirements of each examination hall.
- 5.2. The invigilators shall reach the college at least 30 minutes before the commencement of the examination. He / She shall collect the following from the examination superintendent / Asst. Superintendent:
 - 5.2.1. Answer Books (A & B Books)
 - 5.2.2. Thread to tie Book B with Book A
 - 5.2.3. Attendance Sheet
 - 5.2.4. Nominal Roll of the students for his/her examination hall
 - 5.2.5. Descriptions of the papers being hold in his/ her hall.
 - 5.2.6. Absentees form (Form No.: RUG /Exm/001)
 - 5.2.7. Invigilation report form (Form No.:RUG/ Exm/002)
 - 5.2.8. Record of examinees leaving the hall (Form No.: RUG/Exm/003)
 - 5.2.9. Seating Plan

- 5.3. The invigilator shall collect back / return back all un-used A Books to the Asst. Examination Superintend half an hour after the commencement of the examination

6. Opening of Question Papers & Delivery to Examination Halls

- 6.1. The Envelopes containing the question papers for the assigned day shall be taken out from the strong room / safe deposit 30 minutes before the commencement of the examination.
- 6.2. The superintendent, any two invigilators and at least any two examinees shall check the seal and integrity of the envelopes. They shall then sign the envelope. The examination superintendent shall open the envelopes and pack the examination papers into the envelopes assigned for each examination hall. The examination superintendent shall then get the envelopes delivered to each examination hall.
- 6.3. Each invigilator shall count the papers received, distribute to the examinees on time, and return unused papers half an hour after the commencement of the examination.

7. Students Identification

- 7.1. The invigilator shall ensure that each student is in possession of the valid admit card and I-Card.
- 7.2. He shall compare examinees photograph with the one on individuals attendance sheet.
- 7.3. The Examination Superintendent may issue duplicate admit cards to genuine examinees who have lost it provided he / she has been issued with the original admit card

8. Materials in Possession of Students / Security of Students Books / Bags

8.1. Students are allowed to have only the following in their possession:

- | | |
|--|------------------------------------|
| 8.1.1. Pen / Pencil | 8.1.2. Eraser |
| 8.1.3. Scale | 8.1.4. Log Tables |
| 8.1.5. Steam Tables / T- ϕ Charts | 8.1.6. Non-programmable Calculator |

8.2. Students are **NOT** allowed to have any of the following in their possession:

- 8.2.1. Books / note books / journals, etc.
- 8.2.2. Papers of any description (except driving licence, Admit Card & I-Card)

8.3. A NOTICE shall be placed in prominent places that students shall not bring with them any of the UNDESIRABLE materials. The college authorities will not be responsible for the security of items mentioned above, if they leave them outside the rooms.

8.4. A place will, however, be securely arranged for safe custody of books / bags left behind by the students in a central place.

9. Use of Unfair Means

9.1. Students shall be warned by reading out the **warning** right in the beginning of the Examination that they shall not indulge themselves in the use of unfair means.

9.2. A student caught indulging in unfair means shall be disposed off as under:

- 9.2.1. An examinee shall be considered to have indulged in the use of unfair means (UFM) if the intent is established. An incidental possession of a unrelated material shall not construe the use of UFM.
- 9.2.2. On being found using 'UFM', the instrument (the piece of paper or any other such material)

along with the statement of the student and the invigilator catching the student using UFM shall be attached to the answer book. The invigilator shall mark out the portions in the answer books purported to have been copied.

9.2.3. The examinee shall be issued with a fresh copy and allowed to continue.

9.2.4. The documents mentioned at (b) and (c) above shall be packed together under the signatures of the invigilator & the examination superintendent and dispatched separately for evaluation to the Controlled of Examination.

9.2.5. All cases shall be decided by a committee deputed by the Dy Provost.

10. Emergencies

10.1. In case of an emergency e.g. fire, bomb blast / threat, burst water pipe, etc. the examination superintendent shall make alternate arrangements for shifting the students to safer place.

10.2. If, however, it is not possible to continue with the examination any more, the University authorities shall immediately be contacted and instructions as deemed necessary shall be issued to the students. The students shall be advised to contact the Examination Superintendent within 2-3 working days for the rescheduling of examination.

11. Leaving of Examination Hall

11.1. The students are not allowed to leave the examination hall during first and last 30 minutes of the examination.

12. Non-Smoking Policy

12.1 The Superintendent of Examination shall maintain a 'Non-Smoking' policy. Students shall not be allowed to take a 'Smoking Break'.

13. Illness / Temporary Absence from Exam Hall

13.1 Students shall normally not be allowed to leave the examination hall except for the use of the washroom or for the reasons of illness.

13.2 ONLY one student at a time shall be allowed to proceed to the wash room.

13.3 The washrooms shall be checked immediately prior to and after the start of the examination for any incriminating material. These shall also be checked during the currency of the examination.

13.4 All possible help shall be extended to students falling sick. They shall, however, not be readmitted to the

examination hall after temporary absence unless adequate evidence exists that the examinee has not used any unfair means during his / her temporary absence.

14. Assistance of Writer

- 14.1 Assistance of a writer may be extended to those students who are unable to write their examination paper for reasons of sickness only. Such an examinee shall make a written request and give documentary evidence of the physical disability. He / She shall also furnish the following:
- 14.1.1 Medical examination report
 - 14.1.2 Name and photograph of the person whom he / she wishes to use as writer (the writer shall belong to a different stream and at least one standard junior).
 - 14.1.3 Letter from the Principal of the writer proving that he / she belongs to the standard mentioned there in.
- 14.2 Only on being granted the written permission, the writer is allowed to be used.

15. Submission of Used / Unused Answer Books

- 15.1 All invigilators shall submit the used answer books segregated subject wise and arranged serially in ascending order of the roll numbers.
- 15.2 All invigilators shall account for all the unused answer books and return to the Examination Superintendent.
- 15.3 All forms duly completed and authenticated shall be submitted to the Examination Superintendent.

16. Sealing of Answer Books

- 16.1 The answer books for each subject shall be serially arranged and packed in bundles of 100 (hundred) books. Last bundle may be of less than 100 books. Each bundle shall contain two copies of the question paper, list of absentee's examinees (Form No. : RUG/Exam/001).
- 16.2 The answer books shall be first wrapped in a polythene wrapper (bag), then in a cloth cover (bag). The cloth cover shall be properly stitched and sealed using sealing wax.
- 16.3 The bag so sealed shall be ascribed with the following in indelible ink:
- 16.3.1 Code Number and Name of the Paper
 - 16.3.2 Number of Answer Books
 - 16.3.3 Date of Examination
 - 16.3.4 Name of the Station
 - 16.3.5 Signature of the Asst. Exam Superintendent
- 16.4 The answer books shall be sealed on the same day and be kept ready for dispatch.



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Annexure – 12

CODE OF CONDUCT DURING EXAMINATION & PREVENTION OF MALPRACTICES

Conduct of students during Examinations

1. No student shall make use of any dishonest or unfair means or engage in any disorderly conduct in an examination.
2. “Dishonest or unfair means” includes:
 - a) Using any unauthorized materials or taking unauthorized assistance from any other student or person during the course of the examination.
 - b) Providing of any unauthorized materials or giving of unauthorized assistances to any other student during the examination.
 - c) Tampering with any work or record with the intent to gain an unfair advantage in the assessment during the examination
 - d) Influencing any teaching or person with the object of changing his or her own assessment or examination results or that of any other candidate, including by offering of any advantage or through any threatening acts; and
 - e) Any intention conduct which allows him or her or any other student to gain an unfair advantage in an assessment or examination.
3. For the purpose of this Section “using any unauthorized materials” includes plagiarism.
4. “Assistance “ for the purpose of this section includes:
 - a) Impersonation of another student to take an examination
 - b) Provision of unauthorized information with e view to provide an unfair advantage in an assessment or examination; or
 - c) Any other intentional conduct which allows a student to gain an unfair advantage in an assessment or examination.
5. For the purpose of this Section, “ dishonest or unfair means” also includes:
 - a) An attempt of the acts forbidden under Section 5.11.2;
 - b) Incitement, aiding or abetting of another to engage in such acts; and
 - c) Conspiring with another to engage in the same
6. For the purpose of this Section “ Disorderly conduct” includes:
 - a) Disturbing or disrupting the examination;
 - b) Entering or leaving the examination venue in contravention of the examination rules and regulation or any other relevant rules or regulations;
 - c) International destruction or tampering of any materials or equipment provided for use in the examination or any part thereof, including answer books, supplementary answer sheets and electronic or digital devices;
 - d) Carrying into the examination venue any weapon which is prohibited

- e) Failure to comply with the instructions of the Chief Invigilator, or any invigilator on duty or the staff in the examination venue; and
 - f) Any other violation of the student Code of Conduct or examination rules in connection with the examination;
7. For the purpose of this Section, “ disorderly conduct” also includes:
- a) An attempt of the acts forbidden under section 5.11.6;
 - b) Incitement, aiding or abetting of another to engage in such acts; and
 - c) Conspiring with another to engage in the same.
8. Notwithstanding anything contained in this Ordinance and the First Statutes, the Dean of the concerned school acting in the capacity of the “ University officer” shall have the power to impose the following penalties on a candidate found guilty of contravention of section 5.11.1:
- a) Disqualify such student from an examination of a course for which he or she was a student;
 - b) Disqualify such student from taking an examination of the University for a specified period of time;
 - c) Expel such student from the University; and
 - d) Declare the student not fit and proper to be admitted to any other examination of the University.

COMMITTEE FOR PREVENTION of UNFAIR MEANS (CPUM)

- i. Provost shall appoint CPUM for each academic year to deal with the cases of alleged misconduct and use of und use of unfair means in all the examinations conducted by the University. CPUM shall invariably have one student member. CPUM will take all necessary steps, as deemed fit, for the prevention of unfair means. Chairperson, CPUM shall issue appropriate instruction (such as e-mails/notices to students, faculty and staff) before the examinations. As soon as the students is indentified by the invigilator or by any authorized person, of having resorted to unfair means his answer book shall be seized. The papers etc. duly signed by the Invigilator and superintendent, found in possession of the student shall be tagged with her/his answer book in candidate’s presence. The Superintendent shall ask the candidate to make a statement in writing, explaining his conduct. In case the candidate refuses to do so, the fact of his refusal shall be recorded by the Superintendent, which should be attested by at least one invigilator on duty. In case of practical tests/ performance tests on PC’s the act of using unfair means should be recorded by the invigilator attested by at least on Invigilator/witness. Evidence in from of softcopy/Photostat/ photograph etc should be submitted along with the statement of the Student.

After completing all above formalities, a fresh answer-book be given to the student for completing examination. After a particular test/ examination session is over, these answer books, (duly marked I and II) shall be sent or delivered separately to program office along with the report. CPUM shall enquire into the cases of attempt of unfair means in the examinations. It shall submit its recommendation after indentifying clearly the category of nature of the offence as listed in regulations to the Program office for consideration and necessary order.

1. CATEGORIES OF UNFAIR MEANS

Category-I

- I). A student found talking to another student during the examination hours in the examination hall
- II). If during the examination hours, i.e., after receipt of the question paper and before handling over the answer-book, a student is found to be talking to a person/ student outside the examination hall while going to the urinals etc.
- III). Writing on any piece of paper except the answer-book during the examination.
- IV). Changing seat in the examination hall without permission.

The Invigilator/ authorized person will issue a warning once. If the action is repeated, the answer book to be cancelled and a fresh answer book to be issued

Category-II

- i. Found in possession of relevant written or any printed material or notes written on any part of her/his body or clothing or instruments such as electronic diary, set-squares, calculator, scale etc. or having relevant notes written on chair, table, desk or drawing board or found possessing mobile phone or any other communication or storage device (that can be used for help), during the examination, However, scientific non programmable calculator can be used during the examinations if in the instructions of the question paper its use has been mentioned.

Category-III

If during the examination hours, i.e., after receipt of the question paper and before handling over the answer-book, a student is found;

- i. Attempting to copy ,caught copying or having copied from any paper, book or notes written on any part of her/his clothing, body or table or desk or instruments like setsquares or mobile phone or any other communication or storage device etc.
- ii. Tampering with the written matter/awarded marks on an evaluated answer book.

Category-IV

If during the examination hours, i.e., after receipt of the question paper and before handling over the answer-book, a student is found:

- i. Consulting notes or books while outside the examination hall (i.e., in urinals etc.) during examination hours.
- ii. Having received help from or given help to another candidate through some written material pertaining to the questions set in the paper concerned or passing on a copy of question set in paper or a solution thereof to any other student.
- iii. Guilty of swallowing or destroying the material such as notes or paper found from her/him.

Category-V

If a Student:

- i. Leaves the examination hall /room without delivering answer-book/ evaluated answer book/ evaluated answer book or tears it or disposes off.
- ii. Communicates with anyone by mobile phone or any other communicable device.
- iii. Student found guilty of smuggling in an answer-book, or a continuation sheet, taking out or arranging to send out an answer book or a continuation sheet. Writing deliberately another student's roll number in her/his own or impersonation another candidate in any examination. Attaching graph or continuation sheet or relevant material written on any extra sheet, to the answer book or evaluated answer book.
- iv. Guilty of serious misconduct in the examination hall or non-compliance with the instructions of the Superintendent or any of the invigilators in the examination hall
- v. Serious misconduct outside the examination hall during the period of examination. Writing an answer book outside the examination hall for another candidate.
- vi. Use of force/ threat against the supervisory staff/students.

Category-VI

- i. Student found to have indulged in the case of academic plagiarism.

ACTION TO BE TAKEN

- i. A Student ,whose guilt is established by CPUM, shall be dealt with under the provision of the disciplinary regulation. The following action may be taken for different category of offence under these regulation:
- ii.

Category-I

Second answer book to be evaluated

Category-II

The examination of the concerned module to be cancelled and submit will be answered zero marks in that module.

Category-III

The Student will be awarded X grade in that module.

Category-IV

Three to six modules(other than those the student ia already getting an E or X grade), as decided by CPUM, of the current Semester are to be cancelled and awarded X grade in those

modules. In case the number of the modules the student getting E or X grade is more than two in the current semester, all the modules of the current semester are to be cancelled and to be awarded X grade in all the modules.

Category-V

All modules of that semester to be cancelled and awarded X Grade in all the modules of that semester and may further be debarred from registration in a module (s) for a period up to two years.

Category-VI

CPUM shall recommend action after detailed assessment of the case. The punishment in such cases may include

- a. Suitable fine and /or repetition of thesis/dissertation or
- b. Expulsion from the University.

In Addition to the action mentioned above at categories-I to V, the CPUM may also decide to impose a suitable fine on a student. CPUM can also consider punishing a student who was outside the examination hall and was found guilty of helping the student for using unfair means. The period of the examination for the above regulation extends from the time of start of the examination till the final result/marks publication, except for Category VI

- iii. While Calculating the maximum duration permissible under the regulation ,the period of disqualification for use if unfair means may not be counted towards her/his total stay in the University and candidate be allowed the same period which was due to him before his disqualification as per the University regulations.
- iv. The recommendation of CPUM shall be shall be submitted to Dean. If Dean finds that the recommendation needs reconsideration, he may return the case(s) to CPUM for reconsideration and thereafter shall award suitable punishment as recommended after reconsideration. The Appeals, if any ,against such punishment(s) can be made to chairperson, Senate whose decision shall be final.



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CONTINUOUS INTERNAL EVALUATION

In terms of Students: Realizing that the teaching and learning methods employed by the faculty members have profound impact on the progression of the students therefore University has introduced an intense teaching-learning methodology. The system has developed a deep sense of learning in a relaxed environment and has inculcated among the students lasting learning desire. The teaching system has developed skills and competencies along with the values among the students.

As a part of the continuous evaluation process in the Visual Arts area, student's portfolio consisting of the work during the entire year are assessed and given due weightage based on following points:

Class Participation. It forms the backbone of the system of Continuous evaluation. The students should be expected to have gone through the pre-study material and come prepared for discussion. The quantum and quality of learning through discussion would be much superior to simple delivery of the course material in the classroom. The process is intended to identify the following aspects in a student:

- Commitment to learning.
- Regularity to attend classes.
- Desire to studiously go through the study material and research books, Net, etc. to gain significant knowledge.
- Ability to present his point view systematically/ logically.
- Ability to take criticism.
- Approach adopted to find solution to a given problem.
- Communication skills.
- The entire process of teaching/ learning should be focused on training minds to deal with any situation (related or unrelated). Following methodology should be adopted with certain modifications:
- The course pack comprising lesson plan and precourse study material should be issued to the students at the beginning of the semester. The students should also expected to go through this document and come forward for discussions and presentations.

- The faculty member selects a student through the draw of lots.
- The student would be expected to explain the salient aspects of the lesson in his own language. He may use his notes, OHP, PowerPoint Presentations, etc.
- The students should be allowed to intervene the presentation being made by the student as well as the teachers.
- All students who make positive contribution to classroom discussions should be awarded extra marks.
- The teacher also initiates the process of discussion based on the presentation made by the students.
- Similarly, 6-7 students should be chosen in a random manner as stated above during each class. Each student should be allotted 5-6 minutes for his presentation or responding to the queries raised by the students.
- The classroom interaction literally means the discussion between the student and the teacher, student and student, etc. It does not imply teaching by the student.
- At the end of the presentations made by the students (6-7) in about 30 to 40 minutes time, the teacher explains the subject in great detail once again and attempts to generate discussions that would help clarify the doubt. The teacher generally devotes 30-40 minutes for clarifications and question/answer.
- The teacher then takes up a practical problem or case study and discusses each aspect of theory to find its application to the practical problem.
- The teacher devotes last 10 minutes to clarify the technical aspects of the next topic of the lesson plan. The discussion helps the students to focus on their preparation.
- The grades are awarded by evaluation of the following parameters:
 - Understanding of the subject and commitment to learning.
 - Logical presentation of the concept / view point.
 - Quality of presentation.
 - Quality of communication.
 - Ability to critically debate on the viewpoints raised by other students.
- Marks acquired by the students should be announced to them on the same day and put up on the notice board by the lecturer within a week. The students should be allowed to make representations in writing within 72 hrs of the display of the marks.
- The final grades awarded for classroom interaction are based on average of all the awards. Zero would be awarded to the absentees, if his/her name appears in the draw.

Assignment

- Each student would be expected to submit two assignments during a Semester.
- Different Assignment is given to different syndicates.
- All members of the syndicates are expected to discuss the problem and find solution to the same.
- Each member of the syndicate is expected to equally participate in solving the assignment.
- All students of the syndicate are expected to submit the assignment individually. While they are expected to present common solution, they have the opportunity to express themselves as individuals and demonstrate their exceptional ability. They may recommend deletion/modification/ deletion/modification/ addition to the syndicate solution.
- Students may furnish additional data / information downloaded from the Internet and put up diverse views away from syndicate solution.
- Each student should require to make self and peer evaluation as per a format. This is a confidential document between the students submitting the assignment and the faculty member.

Attendance Requirements

- All students should be encouraged to attend every lecture, tutorial and practical class, however, a minimum of 66% overall attendance is mandatory.
- A student with less than 66% attendance in a subject during a semester automatically stands dropped for that semester.



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Annexure - 14

Coursewise Fee Structure

Name of School/Dept	S.No.	Courses	Approved Fees/annum
Dept of Management	1.1	BBA	30,000
	1.2	MBA	49,000
Dept of Engineering	2.1	B.Tech	
	2.2	Electronics & Communications	49,000
	2.3	Electrical Engineering	49,000
	2.4	Mechanical Engineering	49,000
	2.5	Civil Engineering	49,000
	2.6	Information Technology	49,000
	2.7	Computer Science	49,000
	2.8	Bio Technology	49,000
Dept of Applied Sciences	3.1	BSc	
	3.2	Biochemistry	30,000
	3.3	Microbiology	30,000
	3.4	Biotechnology	30,000
Dept of Diploma (Engineering)	4.1	Engg Diploma	
	4.2	Electronics & Communications	29,000
	4.3	Electrical Engineering	29,000
	4.4	Mechanical Engineering	29,000
	4.5	Civil Engineering	29,000
	4.6	Information Technology	29,000
	4.7	Computer Science	29,000
	4.8	Automobile	29,000
Ph.D and M.Phil			1,60,000
	5.1	PhD	(Full Course)
	5.2	M.Phil	45,000



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Hostel fee

HOSTEL FEES STRUCTURE		
Type	Sharing	Fees
AC	6	Rs. 70,000/- per annum
AC	3	Rs. 1,20,000/- per annum
NON-AC	6	Rs. 35,000/- per annum
NON-AC	3	Rs. 65,000/- per annum

Registration Charges	Rs. 5000/- (to be adjusted in 1st Installment)
Security Fee	Rs. 5000/- (refundable)

Above charges include accommodation and mess charges for 9 months in one academic year.



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Annexure – 16

DreamZ Scholarships

Rai University's mission is to provide practical, skill based & job oriented education to our youth. Our focus is to provide Excellence with Equity & Access to all along with world class exposure to global education.

Our **DreamZ Scholarship** scheme for the underprivileged girls is one of the pioneering socio-educational initiatives undertaken by Rai Foundation in association with Rai University, Ahmedabad-Gujarat. The environment at our University is truly global as we attract students from the best Universities abroad for exchange and interaction.

We provide full waiver on tuition fee to underprivileged girl students from disadvantaged socio-economic backgrounds from deep interiors of India and abroad. Under this scholarship scheme the nominated girls can opt for any courses offered by Rai University -Ahmedabad. In addition, we also conduct special classes for them in the subjects of English, Communication and Creative Life Skills.

Through this scholarship scheme, Rai University has educated over 200 girls across India and from countries including Bhutan , Bangladesh, Nepal et al. With the active support of a large number of Governments, NGOs, Embassies, Schools, Corporate Groups and Individuals, this initiative is uplifting many underprivileged girls globally through quality education and thereby economic empowerment

Students Under DreamZ Scholarship

2013 Batch

SR.NO.	NAME	COURSE	Session
1	Disha Patel	MBA	2012-2014
2	Godhani Ritaben Arvindbhai	MBA	2012-2014
3	Jagruti Parmar	MBA	2012-2014
4	Khunt Jalpa Nareshbhai	MBA	2012-2014
5	Koladiya Neeta N	MBA	2012-2014
6	Modi Kamalben Arvindkumar	MBA	2012-2014
7	Modi Rupaliben Shashikant	MBA	2012-2014
8	Panchal Hiral Rameshbhai	MBA	2012-2014
9	Panchal Jayminiben	MBA	2012-2014
10	Panchal Priyanka	MBA	2012-2014
11	Patel Kinjal Ratilal	MBA	2012-2014
12	Vaghasiya Nila Hasmukhbhai	MBA	2012-2014
13	Amreliya Jyoti Vinubhai	BBA	2012-2015
14	Amreliya Renuka Kishorbhai	BBA	2012-2015
15	Arya Aaynaben Yogeshbhai	BBA	2012-2015
16	Asha Manubhai Suvagiya	BBA	2012-2015
17	Chaudhary Bharatiben Jevatbhai	BBA	2012-2015
18	Chauhan Sejal Mahendrasinh	BBA	2012-2015
19	Chauhan Sonal Sanabhai	BBA	2012-2015
20	Dholakiya Smruti Kalubhai	BBA	2012-2015
21	Dodiya Ushaben Rajendrasinh	BBA	2012-2015
22	Gohel Ekta Dineshbhai	BBA	2012-2015
23	Gohil Dharmishthaben G	BBA	2012-2015
24	Gondaliya Krupali Arvindbhai	BBA	2012-2015
25	Heer Dave alkesh bhai	BBA	2012-2015
26	Hitexa Nakrani	BBA	2012-2015
27	Jansari Shrutiben Mahendrakumar	BBA	2012-2015
28	Jeet Bahadur Saru	BBA	2012-2015
29	Joshi Roshni A	BBA	2012-2015
30	Khunt Urmila Narashibhai	BBA	2012-2015
31	Kothiya Rupal J	BBA	2012-2015
32	Metaliya Bhagyashri G	BBA	2012-2015
33	Nakrani Ila	BBA	2012-2015

34	Padsala Hiral Mansukhbhai	BBA	2012-2015
35	Panchal Shivangi Jayeshbhai	BBA	2012-2015
36	Patel Dharaben Baldevbhai	BBA	2012-2015
37	Patel Khushboo Pravinbhai	BBA	2012-2015
38	Patel Priti	BBA	2012-2015
39	Patel Sapanaben Rameshbhai	BBA	2012-2015
40	Payal Vallabhbhai Patel	BBA	2012-2015
41	Radadiya Nidhi Rajeshbhai	BBA	2012-2015
42	Radadiya Sonal Bhikhubhai	BBA	2012-2015
43	Rupareliya Manisha Ghanshyambhai	BBA	2012-2015
44	Savakiya Kinjal Kanubhai	BBA	2012-2015
45	Shingala Ankita Babubhai	BBA	2012-2015
46	Sindhal Heena S	BBA	2012-2015
47	Sindhi Geeta G	BBA	2012-2015
48	Solanki Shewta Jeetendrabhai	BBA	2012-2015
49	Solanki Vandana Kumari Hasmukhbhai	BBA	2012-2015
50	Thakor Alkaben Bhattaji	BBA	2012-2015
51	Thakor Bharatiben Anupaji	BBA	2012-2015
52	Thakore Krishnaben Valjiji	BBA	2012-2015
53	Thakur Neetaben Sorabji	BBA	2012-2015
54	Vekariya Urvashi Vinubhai	BBA	2012-2015
55	Virpara Sharmila	BBA	2012-2015
56	Ankoliya Shitalben Kanubhai	B.Sc(Microbiology)	2012-2015
57	Chandniben Subhasbhai Bhanderi	B.Sc(Microbiology)	2012-2015
58	Dave Disha Jayantibhai	B.Sc(Microbiology)	2012-2015
59	Dipti Vinodbhai Satani	B.Sc(Microbiology)	2012-2015
60	Hirpara Reshma Aravindbhai	B.Sc(Microbiology)	2012-2015
61	Hirpara Surbhi Pratapbhai	B.Sc(Microbiology)	2012-2015
62	Kathiriya Binalben U	B.Sc(Microbiology)	2012-2015
63	Patel Roshniben Rasikbhai	B.Sc(Microbiology)	2012-2015
64	Patel Vrundali Pareshbhai	B.Sc(Microbiology)	2012-2015
65	Prajapati Rinal Hashmukhbhai	B.Sc(Microbiology)	2012-2015
66	Rathva Nayanaben Kanubhai	B.Sc(Microbiology)	2012-2015
67	Rita Bharatbhai Gaudani	B.Sc(Microbiology)	2012-2015
68	Savaliya Ankita Vinubhai	B.Sc(Microbiology)	2012-2015
69	Sonalben Dashrathbhai Makwana	B.Sc(Microbiology)	2012-2015

70	Viradiya Hiral Dilipbhai	B.Sc(Microbiology)	2012-2015
71	Koladia Darshnaben Vallabbhai	B.Tech(Mechanical)	2012-2016
72	Panchal Pooja Rajendrakumar	B.Tech(Mechanical)	2012-2016
73	Patel Avaniben Rasiklal	B.Tech(Mechanical)	2012-2016
74	Prajapati Mittalben Manubhai	B.Tech(Mechanical)	2012-2016
75	Shingala Vaishali	B.Tech(Mechanical)	2012-2016
76	Sonia D Patel	B.Tech(Mechanical)	2012-2016
77	Patel Avaniben Sunilbhai	B.Tech(Mechanical)	2012-2016
78	Patel Shobhna Mukeshbhai	B.Tech(Mechanical)	2012-2016
79	Darji Monika Shantilal	B.Tech (Computer Science)	2012-2015
80	Darji Sweety Vasantkumar	B.Tech (Computer Science)	2012-2015
81	Khatri Sanchita Jagdishbhai	B.Tech (Computer Science)	2012-2015
82	Patel Ami Shantilal	B.Tech (Computer Science)	2012-2015
83	Patel Arati Rameshbhai	B.Tech (Computer Science)	2012-2015
84	Patel Armi Chandrakantbhai	B.Tech (Computer Science)	2012-2015
85	Patel Dharti Dashrathbhai	B.Tech (Computer Science)	2012-2015
86	Patel Divya Vishnubhai	B.Tech (Computer Science)	2012-2015
87	Patel Mittal Pravinbhai	B.Tech (Computer Science)	2012-2015
88	Patel Roshani Sureshbhai	B.Tech (Computer Science)	2012-2015
89	Patel Shraddha Amrutbhai	B.Tech (Computer Science)	2012-2015
90	Patel Vandana Dahyabhai	B.Tech (Computer Science)	2012-2015
91	Vora Arati Sureshbhai	B.Tech (Computer Science)	2012-2015
92	Kshatriy Khushbu Dinesh Singh	B.Tech(IT)	2012-2015
93	Modi Nupur Sureshbhai	B.Tech (IT)	2012-2015
94	Nai Roshni Ashokbhai	B.Tech (IT)	2012-2015
95	Pandya Prachi Nalinchandra	B.Tech (IT)	2012-2015
96	Patel Payal Kanubhai	B.Tech (IT)	2012-2015
97	Patel Sweta Rameshbhai	B.Tech (IT)	2012-2015
98	Patel Vidhi Govindbhai	B.Tech (IT)	2012-2015
99	Rajput Sweta Rajendrasingh	B.Tech (IT)	2012-2015
100	Goswami Jignasa Hareshgiri	B.Tech (IT)	2012-2015
101	Patel Bhoomikaben Rameshbhai	B.Tech (EEE)	2012-2015
102	Damini Navinbhai Patel	B.Tech (EEE)	2012-2015
103	Modi Dhartibahen Pravinkumar	B.Tech (EEE)	2012-2015
104	Modi Jigishaben Arvindbhai	B.Tech (EEE)	2012-2015
105	Patel Pooja Rajendrakumar	B.Tech (EEE)	2012-2015
106	Patel Sejal Arvindbhai	B.Tech (EEE)	2012-2015
107	Shah Monika Hasmukhlal	B.Tech (EEE)	2012-2015

108	Modi Dharaben Rajendrabhai	B.Tech(EC)	2012-2015
109	Patel Arpita Ashokbhai	B.Tech(EC)	2012-2015
110	Patel Kirina Bhadreshbhai	B.Tech(EC)	2012-2015
111	Patel Nirali Rasikbhai	B.Tech(EC)	2012-2015
112	Timbadiya Binal Pravinbhai	B.Tech(EC)	2012-2015
113	Tiwari Neha Dilipkumar	B.Tech(EC)	2012-2015
114	Tiwari Nidhi Dilipkumar	B.Tech(EC)	2012-2015
115	Pal Lakshmi Ramratansingh	B.Tech(EC)	2012-2015
116	Nakrani Arti Umedbhai	B.Tech(Mechanical)	2012-2015

2014 Batch

SR.NO.	NAME	COURSE	Session
1	Jadav Jyotsna Merubhai	BBA	2013-2016
2	Solanki Triveni khemchandbhai	BBA	2013-2016
3	Pema Dechen	BBA	2013-2016
4	Zhenu Lhamo	BBA	2013-2016
5	Chimmi Tshogay	BBA	2013-2016
6	Usmita Pradhan	BBA	2013-2016
7	Ugyen Choden	BBA	2013-2016
8	Tshering Yangki	BBA	2013-2016
9	Kencho Lhamo	BBA	2013-2016
10	Radadiya Himandri B.	BBA	2013-2016
11	Vasani Dixita Chandubhai	BBA	2013-2016
12	Desai Lajja Shantilal	BBA	2013-2016
13	Vasani Minaxi M.	BBA	2013-2016
14	Parmar Manisha Chandubhai	BBA	2013-2016
15	Patel Aarju Rohitkumar	BBA	2013-2016
16	Kajal D. Patel	BBA	2013-2016
17	Nagar Nikita Piyushbhai	BBA	2013-2016
18	Donga Rushika B.	BBA	2013-2016
19	Dhorajiya Aekta Jaysukhbhai	BBA	2013-2016
20	Chauhan Ankita Anilbhai	BBA	2013-2016
21	Parekh Rakshaben M.	BBA	2013-2016
22	Devangi Prafulbhai Mathukiya	BBA	2013-2016
23	Maheriya Urvashi Pravinbhai	BBA	2013-2016
24	Solanki Manisha Jayantibhai	BBA	2013-2016
25	Patoliya Ankita K.	BBA	2013-2016
26	Solanki Bhavna Ashokbhai	BBA	2013-2016
27	Nidhi D. Gohel	BBA	2013-2016
28	Gauswami Dhara C.	BBA	2013-2016
29	Gajera Nilam K.	BBA	2013-2016
30	Bhimani Krupali Shamjibhai	BBA	2013-2016
31	Gopi Upendrabhai Parasana	BBA	2013-2016
32	Sojitra Sarika M.	BBA	2013-2016
33	Bhanderi Shilpa Naranbhai	BBA	2013-2016
34	Nikita Shyambhai Mungyalkar	BBA	2013-2016
35	Sanandiya Anjanaben Natvarbhai	BBA	2013-2016
36	Parmar Renukaben Jayantibhai	BBA	2013-2016
37	Viradiya Vaishali Dilipbhai	BBA	2013-2016

38	Desai Jalpa Bhavanbhai	BBA	2013-2016
39	Hirpara Surbhi Kalubhai	BBA	2013-2016
40	Savaliya Rushita J.	BBA	2013-2016
41	Rathod Kajal M.	BBA	2013-2016
42	Kaladiya Jalpa M.	BBA	2013-2016
43	Gajera Bansari M.	BBA	2013-2016
44	Lashkari Megha J	BBA	2013-2016
45	Vasani Priyanka Vinubhai	BBA	2013-2016
46	Kachhadiya Sonalben Vinubhai	BBA	2013-2016
47	Kakadiya Krishnaben Subhashbhai	BBA	2013-2016
48	Kakadiya Ankita Ishvarbhai	BBA	2013-2016
49	Sabhaya Priya Ishvarbhai	BBA	2013-2016
50	Sutariya Vandana Pravinbhai	BBA	2013-2016
51	Mangaroliya Payal Balubhai	BBA	2013-2016
52	Padariya Divyaben Devendrabhai	BBA	2013-2016
53	Bhadani Dharaben Rameshbhai	BBA	2013-2016
54	Rupareliya Sadhna Arvindbhai	BBA	2013-2016
55	Harsoda Mitalkumari Ishvarbhai	BBA	2013-2016
56	Sabhaya Jalpaben Pankajbhai	BBA	2013-2016
57	Godhani Jinal Kishorbhai	BBA	2013-2016
58	Mistry Priyanka A.	MBA	2013-2015
59	Nakarani Parul Keshubhai	B.Sc (Micro Biology)	2013-2016
60	Kalal Nehaben K.	B.Sc (Micro Biology)	2013-2016
61	Darji Twinkle Prakashchandra	B.Sc (Micro Biology)	2013-2016
62	Dobariya Shruti Kishorbhai	B.Sc (Micro Biology)	2013-2016
63	Kureshi Ashiyana Hanifbhai	B.Sc (Micro Biology)	2013-2016
64	Patel Sonalben Kailashbhai	B.Sc (Micro Biology)	2013-2016
65	Patel Priyanka Devendrabhai	B.Sc (Micro Biology)	2013-2016
66	Shah Anupama Vinodbhai	B.Sc (Biotech)	2013-2016
67	Solanki Kiran Ashokbhai	Diploma (IT)	2013-2016
68	Hema Chettri	B.Tech (EC)	2013-2017
69	Dhankecha Divya Arvindbhai	B.Tech (EC)	2013-2017
70	Rinzin Lhamo	B.Tech (Civil)	2013-2017
71	Vadaliya Dharti Rameshbhai	B.Tech (Civil)	2013-2017
72	Kunjali Karansinh Parmar	B.Tech (Civil)	2013-2017
73	Solanki Sejalben Ganpatbhai	B.Tech (Civil)	2013-2017
74	Paghdal Disha Rajeshbhai	B.Tech (CS)	2013-2017
75	Pansuriya Madhuri D.	B.Tech (CS)	2013-2017

76	Patel Nauka P.	B.Tech (CS)	2013-2017
77	Patel Sweety Arvindbhai	B.Tech (CS)	2013-2017
78	Moradiya Avani G.	B.Tech (CS)	2013-2017
79	Richa Shalini	B.Tech (CS)	2013-2017
80	Sana Sri Santhoshi	B.Tech (CS)	2013-2017
81	T Soumya	B.Tech (CS)	2013-2017
82	Patel Palak Satishbhai	B.Tech (CS)	2013-2017
83	Patel Shivani Satishbhai	B.Tech (CS)	2013-2017
84	Nirmal Krishna Dipeshkumar	B.Tech (CS)	2013-2017
85	Thakkar Kinjal Gopalbhai	B.Tech (CS)	2013-2017
86	Modh Kinjal M.	B.tech (IT)	2013-2017



Rai University
EVOLVING THINKING MINDS

Ahmedabad

Annexure - 17

Rai University Ahmedabad

Annexure - 17

Coursewise/ Departmentwise Teachers Student Ratio

Name of School/Dept	S.No.	Courses	Session /Batch	No of Students	Total No of Students	Total No of Teachers*	TS Ratio
Dept of Management	1.1.i	BBA	2012	43	190	14	1:14
	1.1.ii	BBA	2013	86			
	1.2.i	MBA	2012	14			
	1.2.ii	MBA	2013	47			
Dept of Engineering	2.1	B.Tech			670	46	1:14
	2.2.i	Electronics & Communications	2012	8			
	2.2.ii		2013	27			
	2.3.i	Electrical Engineering	2012	12			
	2.3.ii		2013	94			
	2.4.i	Mechanical Engineering	2012	28			
	2.4.ii		2013	201			
	2.5	Civil Engineering	2013	128			
	2.6.i	Information Technology	2012	10			
	2.6.ii		2013	57			
	2.7.i	Computer Science	2012	13			
	2.7.ii		2013	75			
	2.8	Bio Technology	2013	17			
Dept of Applied Sciences	3.1	BSc			58	7	1:8
	3.2	Biochemistry	2013	0			
	3.3.i	Microbiology	2012	16			
	3.3.ii		2013	24			
	3.4	Biotechnology	2013	18			
Dept of Diploma Engineering	4.1	Engg Diploma			348	25	1:14
	4.2	Electronics & Communications	2013	0			
	4.3	Electrical Engineering	2013	54			
	4.4	Mechanical Engineering	2013	160			
	4.5	Civil Engineering	2013	58			
	4.6	Information Technology	2013	9			
	4.7	Computer Science	2013	24			
	4.8	Automobile	2013	43			
Total					1266	1266	60



Rai University
EVOLVING THINKING MINDS

Ahmedabad

Annexure - 18

Rai University Ahmedabad

Annexure - 18

FACILITIES FOR FACULTY

Our aim is to become a leading centre of academic excellence by expanding the frontiers of knowledge globally. For this, we provide various facilities to our faculty. These facilities have been divided into two categories:

- Academic Facilities
- Non-Academic Facilities

Academic Facilities:

Networking: Whole campus of Rai University is Wi-Fi connected. Through internet facility a teacher can provide best and latest knowledge in topic they concern. All the faculty members are provided with their personal laptops or desktop for completing various academic work. Internal mailing system is provided by developing email IDs of each and every faculty to communicate with each other within the organization. Utilizing time in proper way is key of any institute, thus internal networking in RAI University help to move toward our objective of expanding knowledge.

Library: library is a recourse gateway through which people share information, needs to redefine and reemphasize what is essential to its professional practice in the technical age. The library provides faculty members and researchers to access various resources, both print/physical and digital. Libraries are well stacked with text books, technical journals, periodicals, and reference material for advanced research and development work. All these facilities in library help a guide or professor to plan or develop a new idea of research and teaching skills.

Research Forum: In Rai University we have RARF (Rai Academic Research forum) to encourage teachers to move toward research with new ideas. This forum help both economically and socially to do proposed research by faculty in his/her field or department. Rai University also published his own research journal to encourage new development in every department.

Non academic Facilities:

Transport: The University provides transport facilities from various nodal points. University provides buses and cabs which are made available to staff members for commuting from different

points in the city and nearby cities outside the city

Accommodation: For faculty, under guest houses scheme well furnished 1 BHK and 2 BHK flats are available.

Medical Aid and claim: We have medical care wing at Rai University campus which deals with emergencies and provide round the clock doctors on call services. At campus one doctor is present 24×7 service. Every Rai faculty is medically ensured.

Cafeteria: Luxurious designed cafeteria at Rai University serves healthy food to faculty at highly subsidized rates. Health is wealth well known phrase will work here, in healthy mind and body new idea can bud out which is worthy for any growing institute.

FACULTY DEVELOPMENT PROGRAMMES (FDP)

The University lays major emphasis on FDP sessions and conducts these frequently for the teachers of all the courses. FDPs act as a major strength of the University and enhance the level of intellect of the teachers. Renowned people from industry and academia are invited to conduct these sessions for guiding the teachers to equip them with the best and the latest developments. FDPs not only focus on enhancing functional area expertise, but also on improving one's classroom delivery both as a teacher and trainer. These sessions have been a major success for the University, a morale booster for the teachers and above all a beneficial process for the students. The FDPs provide inputs on process and practice of entrepreneurship development, communication and interpersonal skills, creativity, problem solving, achievement motivation training, inputs on resource and knowledge industries. The training methodology includes case studies, group discussion, games and simulation exercise, field visits and classroom lectures.

Topic	Discipline
Computer Networks	CSE
Structures	CE/ME
Development in Concrete Technology	CE/ME
Solid Mechanics	CE/ME
Engineering Mechanics	CE/ME/PHY
Basic Chemistry	Chemistry
Fermentation Technology	Biotech
Basic Programming	CSE
Advanced Computer Architecture.	CSE
Digital Electronics	ECE
Signal & System	ECE
Digital Communications	ECE

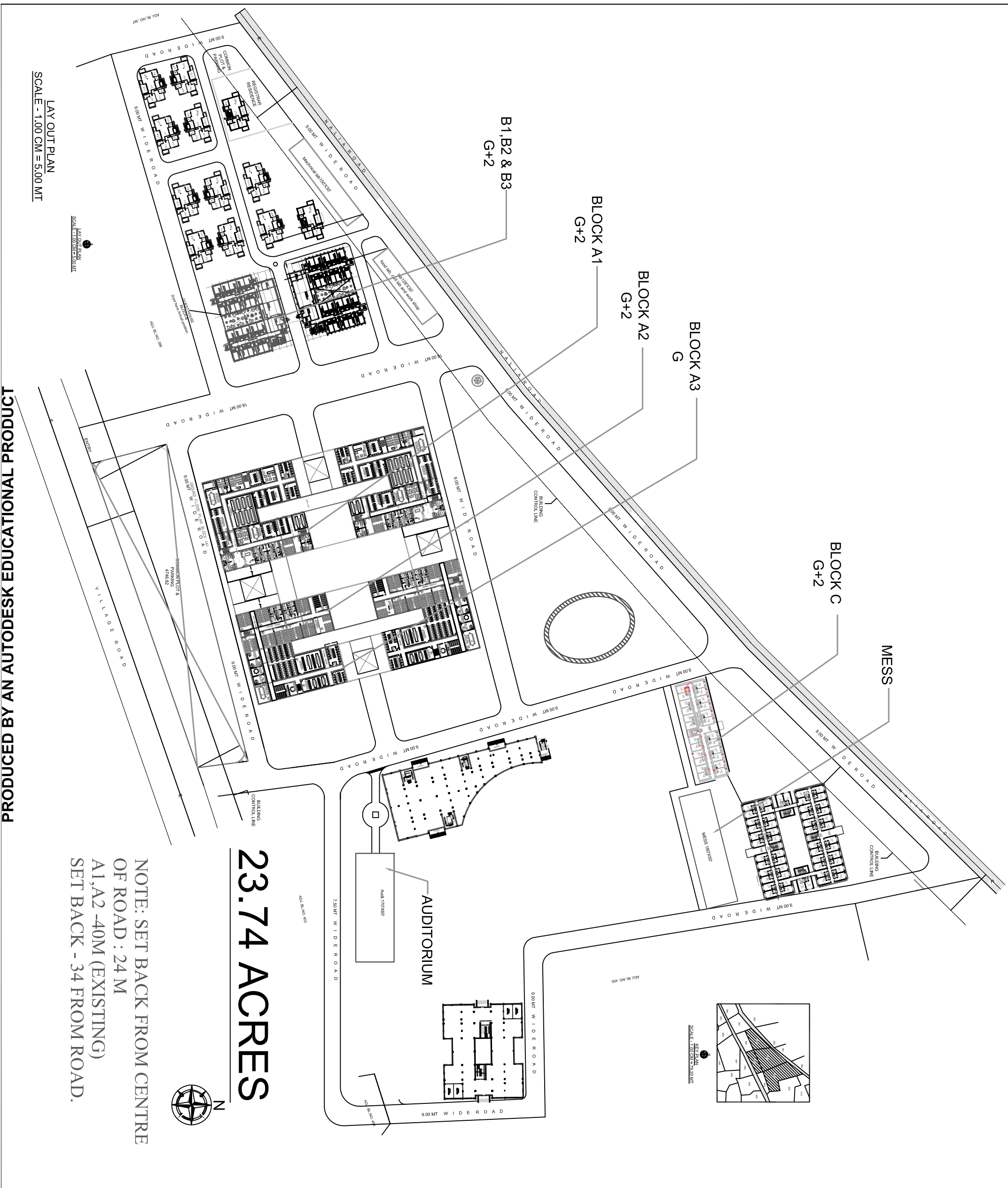
Basic Electronics	ECE
VLSI Design	ECE/EEE
Electrical Machines	EEE
Kinematics of Machines	ME
Thermodynamics	ME
Strategic HRM	HR
Derivatives & Risk Management	Finance
Strategic Management	Strategy
Position of India in English Literature	English
Marketing Insights	Marketing
Workshop on Emerging trends in Automobile industry	Mech Engg



Rai University
EVOLVING THINKING MINDS

Ahmedabad

Annexure - 19



LAY OUT PLAN
SCALE - 1:100 CM = 5.00 MT

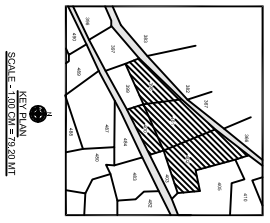
LAY OUT PLAN
SCALE - 1:100 CM = 5.00 MT

PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT

23.74 ACRES

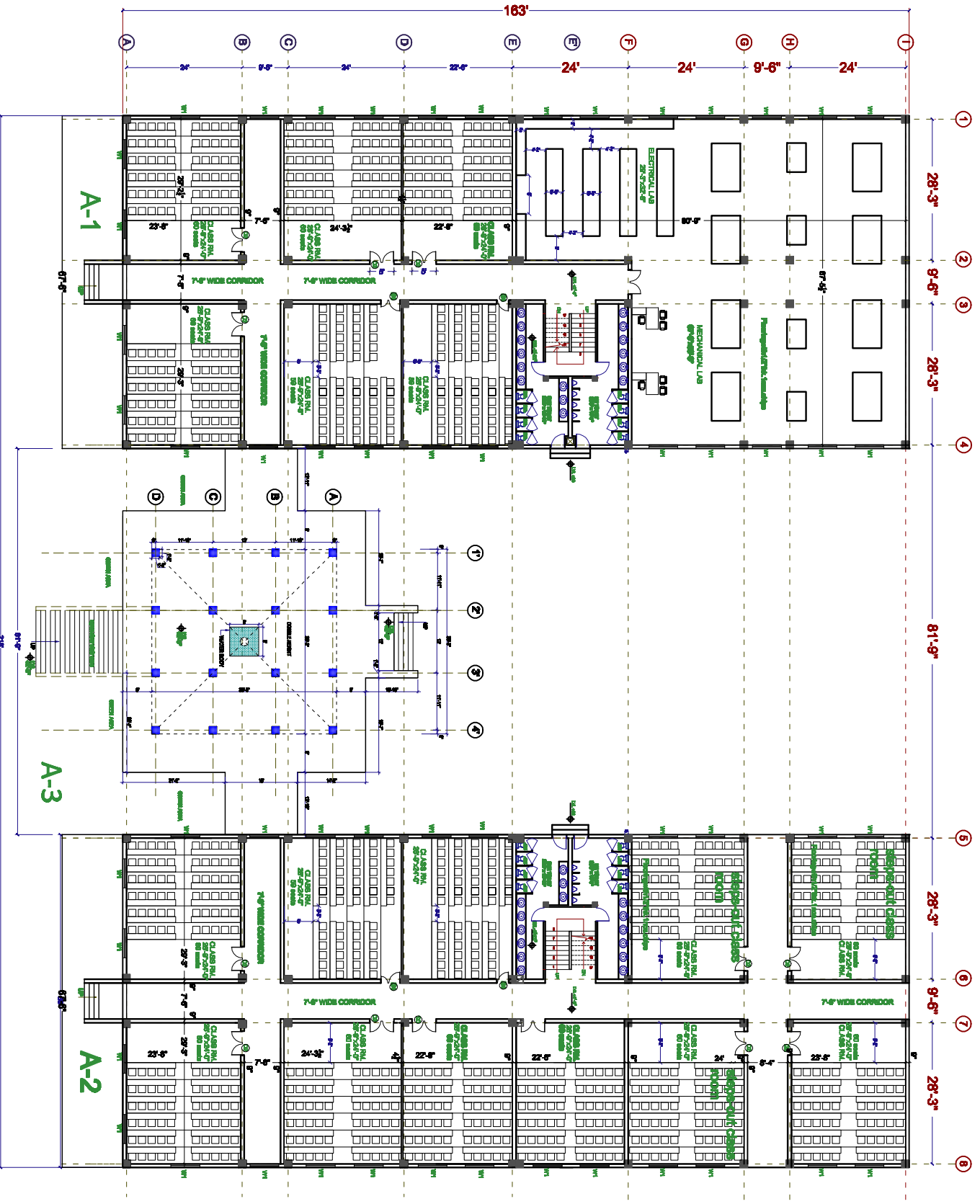


NOTE: SET BACK FROM CENTRE
OF ROAD : 24 M
A1, A2 - 40M (EXISTING)
SET BACK - 34 FROM ROAD.

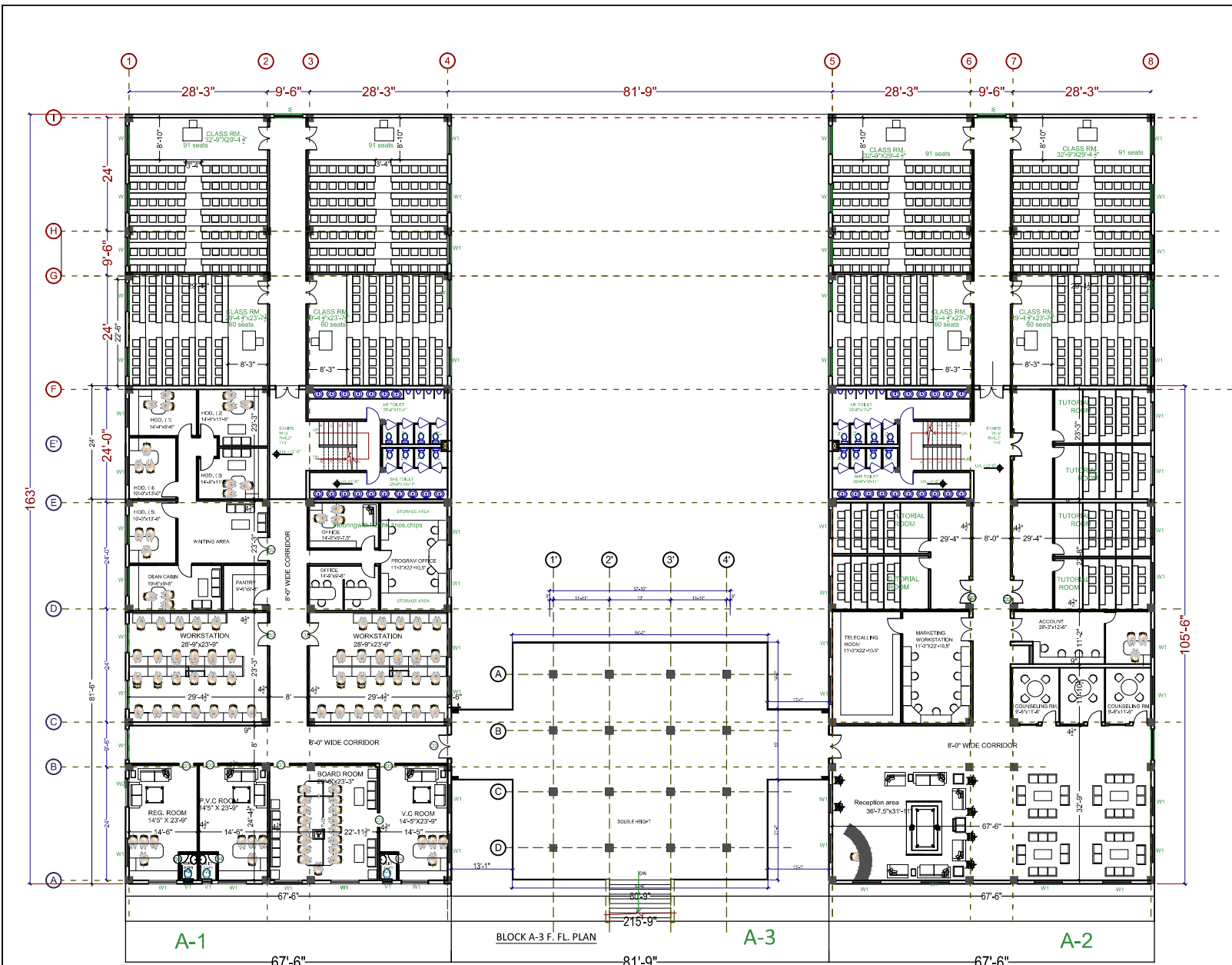


Rooming with 12" x 14" Slabs

Flooring with 12" x 14" Slabs



GROUND FLOOR PLAN



FIRST FLOOR PLAN

Revision	Date	Description
	12-7-2013	

PROJECT:
**PROPOSED PLAN OF RAI UNIVERSITY
 AT AHMEDABAD**

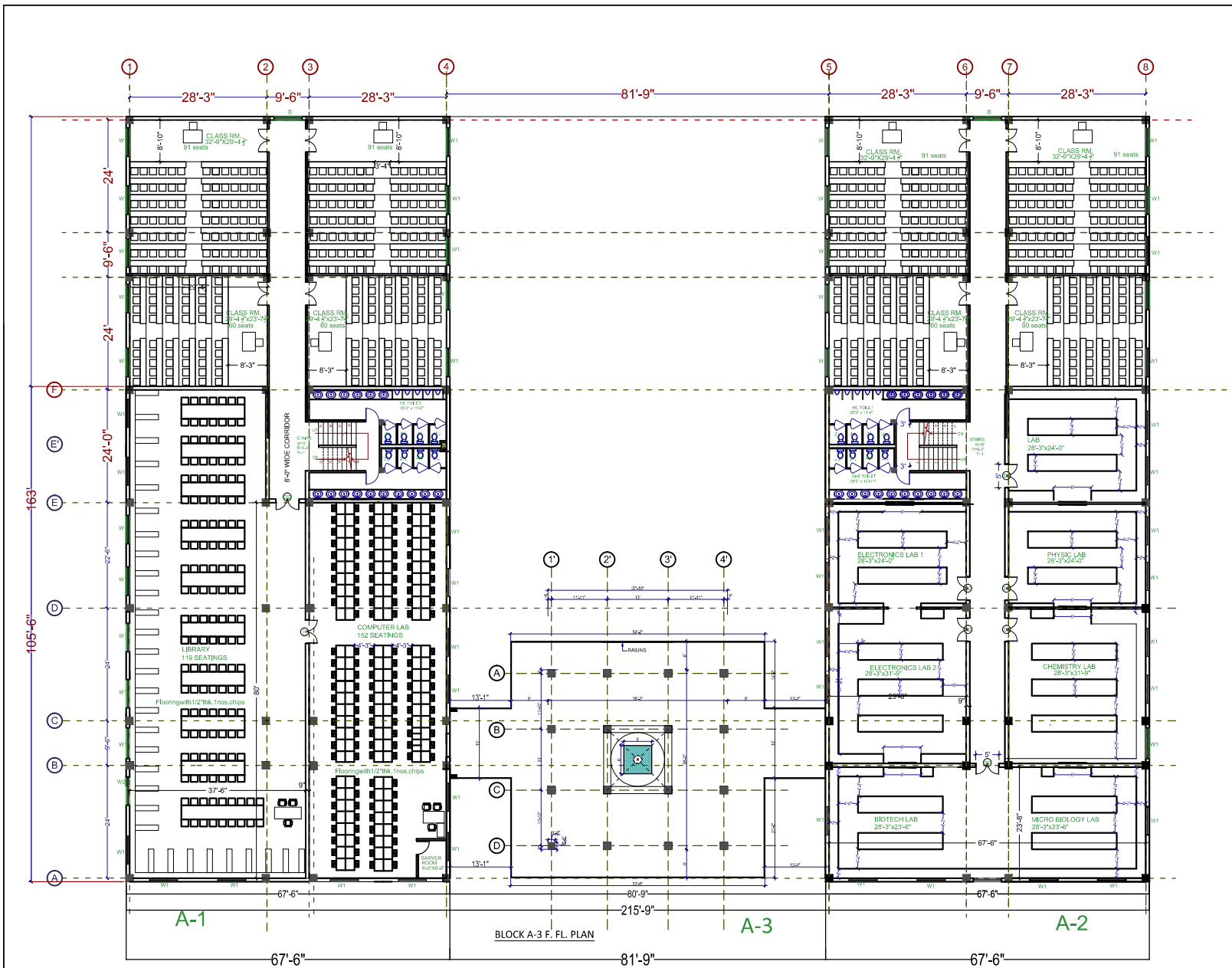
ARCHITECTS:

DESIGN CELL
 A-41, M.C.I.E. MATURU ROAD,
 NEW DELHI-110044

DOOR AND WINDOW SCHEDULE

DOORS SCHEDULE			WINDOWS SCHEDULE			VENTILATION SCHEDULE		
DOOR	WIDTH	HEIGHT	WINDOW	WIDTH	HEIGHT	VENTILATION	WIDTH	HEIGHT
①	3'-2"	7'-0"	W1	6'-0"	6'-0"	V1	2'-0"	9'-0"
②	6'-0"	7'-0"	W2	3'-0"	6'-0"			
③	3'-0"	7'-0"						

Checked	Drawn	Scale	Print Date
		NTS	



SECOND FLOOR PLAN

Revision	Date	Description
	12-7-2013	

PROJECT:
**PROPOSED PLAN OF RAI UNIVERSITY
 AT AHMEDABAD**

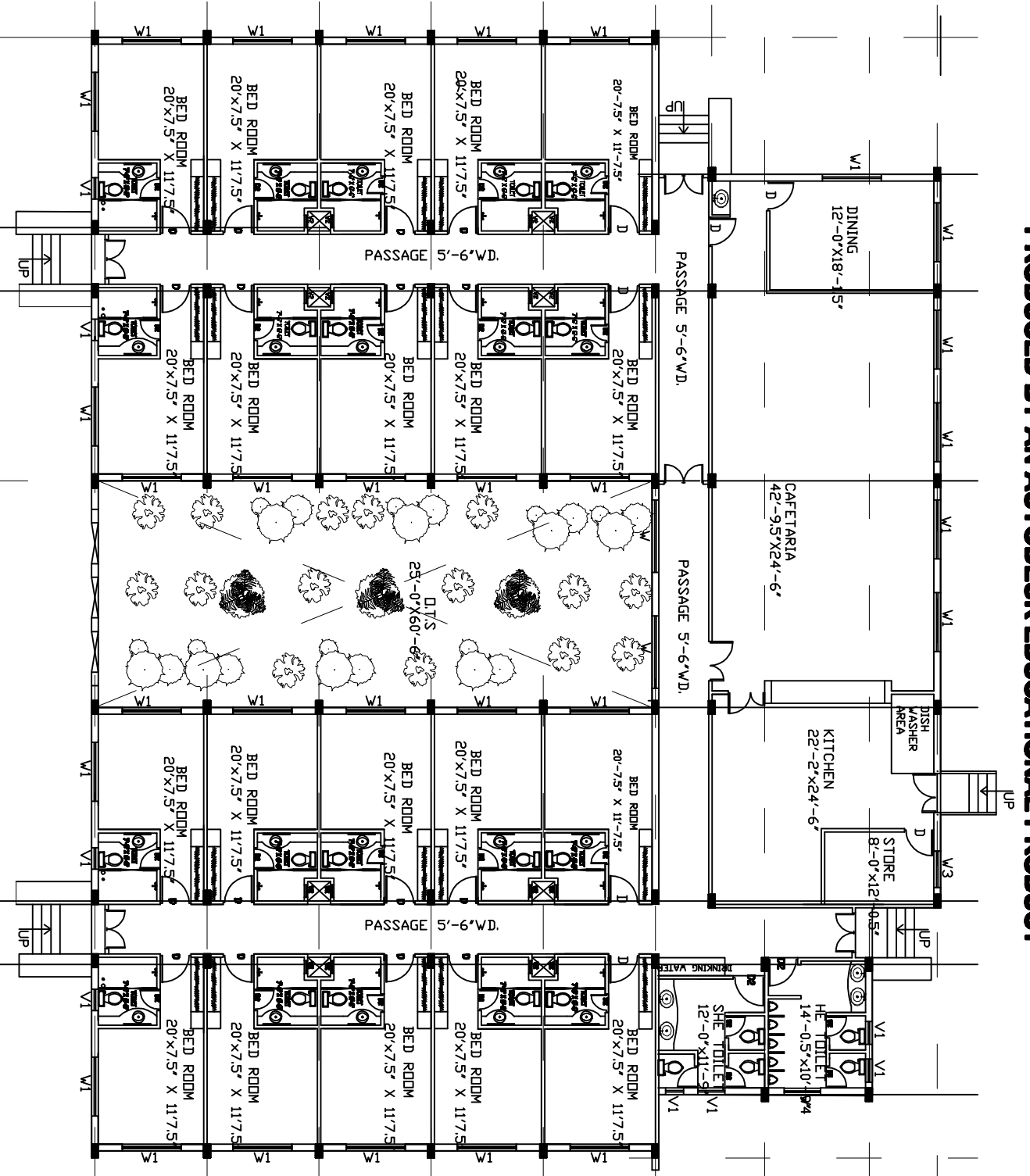
ARCHITECTS:

 DESIGN CELL
 A-41, M.C.I.E. MATURIA ROAD,
 NEW DELHI-110044

DOOR AND WINDOW SCHEDULE

DOORS SCHEDULE			WINDOWS SCHEDULE			VENTILATION SCHEDULE		
DOOR	WIDTH	HEIGHT	WINDOW	WIDTH	HEIGHT	VENTILATION	WIDTH	HEIGHT
①	3'-2"	7'-2"	W1	5'-0"	6'-2"	VT	2'-0"	3'-0"
②	6'-0"	7'-0"	W2	2'-0"	6'-0"			
③	3'-2"	7'-2"						

Checked	Drawn	Scale	Print Date
		N.T.S.	



Block-B



Rai University
EVOLVING THINKING MINDS

Ahmedabad

Annexure – 20

Rai University Ahmedabad

Annexure - 20

Class Room Details and Size

S.No.	Block	Class Room	Area (Sq. Mtr)	Area (Sq. ft)
1	A1 Block	A1GF01	63.80	686.49
2		A1GF02	64.20	690.79
3		A1GF03	62.80	675.73
4		A1GF04	64.32	692.08
5		A1GF05	73.96	795.81
6		A1GF06	72.24	777.30
7		A1GF07	85.00	914.60
8		A1GF08	61.20	658.51
9		A1GF09	63.20	680.03
10		A1GF10	64.20	690.79
11		A1GF11	63.80	686.49
12		A1FF12	63.20	680.03
13		A1FF13	84.46	908.79
14	A2 Block	A2GF01	63.60	684.34
15		A2GF02	61.80	664.97
16		A2GF03	64.08	689.50
17		A2GF04	63.80	686.49
18		A2GF05	64.60	695.10
19		A2GF06	62.80	675.73
20		A2GF07	61.98	666.90
21		A2GF08	63.80	686.49
22		A2GF09	64.88	698.11
23		A2GF10	64.82	697.46
24		A2GF11	63.80	686.49
25		A2FF12	62.80	675.73
26		A2FF13	83.82	901.90
27		A2FF14	84.46	908.79
28		A2FF15	63.20	680.03
29		A2FF16	64.78	697.03
30		A2FF17	63.40	682.18
31-42	A3 Block	A3GF (1-12)	1118.77	12038.00
43-54		A3FF (1-12)	1118.77	12038.00
54	Total Area		4246.35	45690.69

Total Number of class room	54
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Rai University
EVOLVING THINKING MINDS

Ahmedabad

Annexure – 21

Rai University Ahmedabad

Annexure - 21

Labs & Library Area - Floor/Area wise

G. S. N.	S.No.	Lab	Carpet Area (Sq. Mtr.)	Carpet Area (Sq. Ft.)	Location
(A) Independent Location					
Labs					
1	1	Electrical Lab 4	97.47	1048.78	Outdoor
2	2	Mechanical lab 3	67.76	729.25	Outdoor
3	3	Mechanical lab 4	97.47	1048.78	Outdoor
4	4	Mechanical lab 5	204.24	2198.00	Outdoor
5	5	Automobile Lab	359.12	3650.00	Outdoor
6	6	Civil Lab	70.40	757.54	Outdoor
Workshops					
7	1	Workshop 1	211.20	2273.22	Outdoor
8	2	Workshop 2	223.19	2401.75	Outdoor
TOTAL INDEPENDENT			1330.85	14107.32	
(B) Location inside A1, A2					
Labs					
9	1	Electrical lab 1	83.85	912.70	A2
10	2	Electrical lab 2	112.70	917.56	A2
11	3	Electronics Lab 1	62.64	674.11	A2
12	4	Mechanical lab 1	61.94	681.53	A2
13	5	Mechanical lab 2	62.20	669.26	A2
14	6	Engineering Drawing 1	88.56	931.54	A2
15	7	Engineering Drawing 2	88.56	931.54	A2
16	8	Biology Lab	60.90	655.27	A2
17	9	Chemistry Lab	64.38	692.66	A2
18	10	Applied Science Lab	62.20	669.26	A2
19	11	Physics Lab	66.64	671.26	A2
TOTAL			814.57	8406.69	
Computer Labs					
20	1	Computer Lab 1	186.50	2007.31	A1
21	2	Advanced Computer Lab	73.50	790.80	A1
22	3	Language Lab	73.13	783.09	A1
TOTAL			333.13	3581.20	
Library					
23	1	Library Main	341.54	3675.00	A1
24	2	Library Secondary/RR	209.94	2259.00	A1
TOTAL			551.48	5934.00	
TOTAL INSIDE			1699.18	17921.89	
TOTAL LABS, WORKSHOPS, COMPUTER LABS & LIBRARY AREA			3030	32029	



Rai University
EVOLVING THINKING MINDS

Ahmedabad

Annexure – 22

Rai University Ahmedabad

Annexure – 22

Facilities For Students

Academic Facilities:

Networking: An Internet facility is available in individual departments which can be accessed by student. Students are also provided with separate computer centre (CCP) to do their home assignments, Seminars and learn more about the particular topic. At computer centre about 100 desktop are present so that individual student can access internet to do his work.

Library: The library serves as a backbone to all academic activities. To make backbone strong our library at RAI University divided into various areas like study space, meeting room, text book section, reference section, digital library section, journal section etc. The library provides a quiet study space for students on campus. Digital library section at RAI University helps the student to connect to Internet for accessing online Journals. A number of Journals are available for students to facilitate the on going research activities in every field like fashion, hospitality, media, biotechnology, management, electronics etc.

Other activities: we also provide facilities to student to prepare for various conferences, quizzes, paper presentation etc to groom more and compete with others healthy.

Non Academics:

Transport: The University provides transport facilities under the safety bus scheme which ensures the students to reach home safely and securely. University provides buses and cabs which are made available to students for commuting from different points in the city and nearby areas. Apart from regular services, special 24×7 emergency services are available for students. Tours & Travel Services, the University has an in-house travel agency that is engaged in procuring the best student packages in India and abroad for various events.

Hostel: The hostel at RAI University promotes a quality life-style to sustain the saying “Homes away from homes”. Separate hostel facility for boys and girls within the campus is available. Our ultra-modern facilities are among the best offered anywhere. The Hostel accommodation is spacious, fully furnished and has temperature controlled rooms with plenty of storage space, power

backup and 24- hour clean drinking water, fun and recreation rooms equipped with television, newspapers, Magazines and comfortable seating, telecom facility, hygienic mess facility with vegetarian meals, 24 hours security, Gymnasium facility, Laundry facility (optional on payment basis), Tuck shops to cater to all needs of the students at all hours. . The accommodation offered by RAI University is designed to provide every student a feeling of independence, security and caring as he/she feel at home.

Medical AID: We have medical care wing at RAI University campus which deals with emergencies and provide round the clock doctors on call services. At campus one doctors is present 24×7 service.

Medical claim: It is mandatory for every RAI scholar to be medically ensured. The insurance policy is processed through the university's tie-ups with various recognized hospitals in Haryana.

Sport and Recreation: RAI University provided sports facilities for students with various indoor and outdoor games. Various outdoor games consist of Cricket, Athletics volleyball, Basketball, Football, Swimming and Lawn Tennis etc. and indoors have Badminton, Gym, Table Tennis, Carom and Chess etc.

Cafeteria: We believe that a person work efficiently when his/her health is good. Thus we provide wholesome and nutritious meal-plans to the students that will undoubtedly surpass anybody's expectations. A multi-cuisine menu is offered to residents which includes Indian, middle-eastern, Continental, Italian and Chinese cuisine on rotation. The cafeteria meets the best standards of cleanliness and hygiene. The cafeteria is well spaced and neatly arranged for placing orders, billing, eating, spending some leisure time and organizing small parties.

Salon and Tuck shops: Spa, beauty and hairstyling facilities in campus with economical charges are available. Tuck shop serving snacks and catering to daily needs such as toiletries, stationary etc 24 hours.



Rai University
EVOLVING THINKING MINDS

Ahmedabad

Annexure – 23

Rai University Ahmedabad

Annexure – 23

Sports & Games Facilities for Students

Sport and Recreation:

RAI stands tall among competitors with the entire advanced sports infrastructure at campus. For the overall development of students as well as to take care of their physical, mental and social well being sports are must. All the sport activities at RAI University are conducted under supervision of chief sports coordinator. Sport calendar for the academic year is drawn by the chief sports coordinator. RAI University provides sports facilities for students with various indoor and outdoor games.

Various outdoor games:

Cricket

Athletics

Volleyball

Basketball

Football

Lawn Tennis, etc.

Various indoor games:

Badminton

Table Tennis

Carom

Chess, etc.



Smt. Anandiben Patel, Hon'ble Minister of Revenue and Urban Development, Gujarat Government at Rai Academic Conclave 2013



Smt. Anandiben Patel, Hon'ble Minister of Revenue and Urban Development, Gujarat Government addressing Teachers & Principal of Gujarat State at Rai Academic Conclave 2013



Smt. Anandiben Patel, Hon'ble Minister of Revenue and Urban Development, Gujarat Government at visiting Students' Exhibition at Rai University



Sh. Bhupendrasinh Chudasma, Hon'ble Minister of Education, Gujarat Government at Rai Academic Conclave 2013



Sh. Bhupendrasinh Chudasma, Hon'ble Minister of Education, Gujarat Government awarding the students at Rai Academic Conclave 2013



Sh. Bhupendrasinh Chudasma, Hon'ble Minister of Education, Gujarat Government visiting Students' Exhibition at Rai University



Hon'ble Minister of Energy, Petroleum, Mines, Minerals, Planning, Tourism, Civil Aviation and Labor & Employment **Shri Saurabhbhai Patel** at Gujarat Education Summit held at Rai University



Students demonstrating Vertical Farming model to **Shri Saurabhbhai Patel** at Gujarat Education Summit held at Rai University



Dr. Harbeen Arora, Global Chairperson, ALL & Dr. Vinay Rai, Chairman, ASSOCHAM NC on EES presenting Woman Achievers Award to Hon'ble Minister Smt. Anandiben Patel



Hon'ble Minister Smt. Anandiben Patel with Grassroots Gujarat Women of the Decade Achievers Awardees



The Students of Rai University, Ahmedabad excelled in District Level Sports events and qualified for State Level events.



Students of Rai University, Ahmedabad participated in 'Tectonic 2014' and brought home Gold and Silver Medals.



Rai University
EVOLVING THINKING MINDS

Ahmedabad

Annexure – 24

PAIDMENT FOND



GUJARAT STATE FINANCIAL SERVICES LTD.

(Wholly owned by Govt. of Gujarat)

Wing "B", 3rd Floor, Khanij Bhavan, 132 ft. Ring Road,
Nr. University Ground, Vastapur, Ahmedabad-380 052.

Phone No.: 079-27912528-29-30 Fax No.: 079-27912534 Email : gsts1992@gmail.com

INTER-CORPORATE DEPOSIT RECEIPT
(Non - Transferable)

RECEIVED FROM

RAI FOUNDATION
A-41, MCIE
MATHURA ROAD

NEW DELHI 110044

DATE 28-02-2012

SR. NO. ICD NO. 14508

For repayment, please intimate not later
than 2.00 p.m. on prior working day. No
repayment on Saturday.

INTER CORPORATE DEPOSIT AS PER DETAILS HEREUNDER

DEPOSIT RECEIPT NO.	AMOUNT OF DEPOSIT (Rs.)	DATE OF DEPOSIT	PERIOD OF DEPOSIT	RATE OF INTEREST (% P.A.)	DUE DATE
14508 Y	5,00,00,000/-	28-02-2012	1096 DAYS	9.31	28-02-2015

* Interest compounded quarterly and will change in case of change in TDS rate.

Gross Interest : 13977753

TDS Amount : 1397775

* Net Interest : 12579978

Net Maturity Amt : 62579978

FOR GUJARAT STATE FINANCIAL SERVICES LTD.

(Instructions Overleaf)



[Signature]
AUTHORISED SIGNATORIES

NOTES :

1. This Deposit Receipt is not transferable and not negotiable.
2. Interest will cease on maturity and will be payable rear ended.
3. No separate intimation will be given to the depositor on the due date.
4. All future correspondence in respect of the Company's Inter-Corporate Deposit be addressed to the company, Wing "B", 3rd Floor, Khanji Bhavan, 132 ft. Ring Road, Nr. University Ground, Vastrapur, Ahmedabad-380 052, quoting your Deposit Receipt Number and Deposit Sr. No.

We are sending the fully discharged ICD Receipt and request you to :

For repayment, please intimate not later than 2.00 p.m. on prior working day. No repayment on Saturday.

1. Repay Principal & Interest
2. Renew Only Principal
3. Renew Principal & Interest

Date _____

Revenue
Stamp

Depositor's Signature
With Rubber Stamp

Rai University Ahmedabad

Annexure - 24

Donations from Other Trusts / Organisations

SR. NO.	NAME OF TRUST	CHEQUE NO./CAS	PAN	DATE	AMOUNT(Rs.)
1	BANGALORE SCHOOL OF BUSINESS	ASSETS	AABTB2896G	05.06.2012	253,628
2	IBS-AHMEDABAD (A UNIT OF NAVI MUMBAI EDUCATION TRUST)	ASSETS	AAATN6661L	05.06.2012	490,895
3	PUNE EDUCATION FOUNDATION	ASSETS	AAATP7364A	30.06.2012	79,646
4	ANDHRA PRADESH EDUCATION FOUNDATION	ASSETS	AABTA0080B	03.07.2012	599,938
5	MAHARASTHRA EDUCATION FOUNDATION	ASSETS	AABTM0561D	13.07.2012	258,066
6	GOA EDUCATION FOUNDATION	ASSETS	AAATG6016G	30.07.2012	45,846
7	MUMBAI SCHOOL OF BUSINESS	ASSETS	AACTM1502H	30.07.2012	104,724
8	MADHYA PRADESH EDUCATION FOUNDATION	ASSETS	AABTM1172E	30.07.2012	561,248
9	THE MEADOWS	ASSETS	AAAT19212B	05.12.2012	449,635
10	EILM TRUST	ASSETS	AAATE2929G	04.01.2013	613,510
TOTAL					3,457,136



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Annexure – 25

HEAD OFFICE :
A-3, Maharani Bagh
New Delhi-110065
PH. : 011-41828470-71,
FAX : 011-41328425
e-mail -info@bansalco.com

BANSAL & CO.
CHARTERED ACCOUNTANTS

Independent Auditors' Report

To
The Members of Governing Body,
Rai University, Ahmedabad,

Report on the Financial Statements

We have audited the accompanying Financial Statement of **Rai University, Ahmedabad**, which comprises the Balance Sheet as at 31st March, 2013 and Income and Expenditure Account for the year ended on that date, and a summary of Significant Accounting Policies and other explanatory notes. The Financial Statements have prepared by management of Rai University, Ahmedabad, based on the financial Reporting Framework as described in Note-1 of 'Significant Accounting Policies and Notes on Accounts'.

Management's Responsibility for the Financial Statements

Management is responsible for the preparation of the financial statements in accordance with the financial Reporting Framework as described in Note-1 of 'Significant Accounting Policies and Notes on Accounts'; this includes the design, implementation and maintenance of internal control relevant to the preparation of financial statements that are free from material misstatement, whether due to fraud or error.

Auditors Responsibility

Our responsibility is to express an opinion on these financial statements based on our audit. We conducted our audit in accordance with the Standards on auditing issued by the Institute of Chartered Accountants of India. Those standards require that we comply with ethical requirements and plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the Society preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of the accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

Opinion

In our opinion and to the best of our information and according to the explanations given to us, the financial statements of Rai University, Ahmedabad for the year ended March 31, 2013 are



prepared, in all material respects, in accordance with the financial reporting Framework as described in Note-1 of 'Significant Accounting Policies and Notes on Accounts' and give a true and fair view.

We further report that:

- a. We have obtained all the information and explanations which to the best of our knowledge and belief were necessary for the purposes of our audit in accordance with the Framework as described in Note-1 of 'Significant Accounting Policies and Notes on Accounts';
- b. In our opinion, proper books of account have been kept by the University so far as appears from our examination of those books;
- c. The Balance Sheet, and Income & Expenditure Account dealt with by this report are in agreement with the books of account;

Basis of accounting and Restriction on Distribution and Use

Without modifying our opinion, we draw attention to Note 1 to the financial statements, which describes the basis of accounting. The financial statements are prepared to assist Rai University, Ahmedabad to comply with the financial reporting the Framework as described in Note-1 of 'Significant Accounting Policies and Notes on Accounts' referred to above. Our report is intended solely for Rai University, Ahmedabad and should not be distributed to or used by parties other than Rai University, Ahmedabad..

For Bansal & Co.
Chartered Accountants
Firm Regn No. 01113N



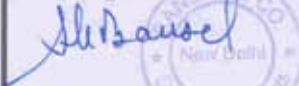


(S.k.Bansal)
Partner
M. No. 14301

Place: New Delhi
Date: 01.06.2013

RAI UNIVERSITY
BALANCE SHEET AS AT 31.03.2013

PARTICULARS	Sch.	AMOUNT RS.
I. SOURCES OF FUNDS		
1. Development Fund	A	3,457,136
2. Unsecured Loan(Sponsoring Body)		42,505,400
3. General Fund	B	(29,443,274)
TOTAL		16,519,262
II. APPLICATION OF FUNDS		
1. Fixed Assets	C	
Gross Block		4,807,501
Less:- Depreciation		956,253
Net Fixed Assets		3,851,248
2. Current Assets, Loans & Advances		
Cash & Bank Balances	D	18,827,010
Loans and Advances	E	57,952
		18,884,962
Less : Current Liabilities	F	6,216,948
NET CURRENT ASSETS		12,668,014
TOTAL		16,519,262

As per our report of even date
For Bansal & Co.
Chartered Accountants
Firm Registration No. 001113N

(S.K.Bansal)
(Partner)
Membership No. 014301

Place : New Delhi
Date : 01/06/2013


Provost


Dy. Provost

RAI UNIVERSITY

INCOME & EXPENDITURE ACCOUNT FOR THE PERIOD ENDED 31.03.2013

PARTICULARS	AMOUNT RS.
<u>INCOME</u>	
Fees and Other Charges Received	2,032,815
Contributions made by the Sponsoring Body	-
Income Received from Consultancy and other work	-
Grants	-
Interest Received	113,865
Other Receipts	734,634
	2,881,314
<u>EXPENDITURE</u>	
Salary & Wages	18,729,495
Security Expenses	45,550
Visiting Faculty	39,563
Legal & Professional Expenses	417,900
Advertisement & Promotional Expenses	2,452,071
Electricity & Fuel Expenses	421,967
Travelling & Conveyance Expenses	3,355,649
Telephone & Internet Expenses	348,215
Staff & Students Welfare Expenses	503,023
Books & Periodicals Expenses	41,188
Postage & Courier Expenses	83,611
Bank Charges	32,451
Misc. Expenses	7,583
Printing & Stationery Expenses	1,877,274
Repair & Maint. Expenses	1,149,122
Rent Expenses	276,920
Insurance Expenses	167,527
Mess Expenses	1,367,010
Lab Expenses	52,217
Depreciation	956,253
	32,324,588
Surplus/ (Deficit) for the year	(29,443,274)
Balance Transfer to General Fund	(29,443,274)

As per our report of even date

For Bansal & Co.

Chartered Accountants

Firm Registration No. 001113N



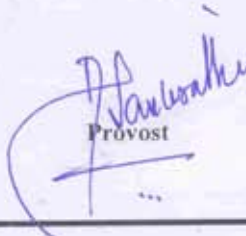

(S.K. Bansal)

(Partner)

Membership No. 014301

Place : New Delhi

Date : 01/06/2013


 Provost


 Dy. Provost

RAI UNIVERSITY

SCHEDULES AS ON 31.03.2013

PARTICULARS	AMOUNT RS.
<u>SCHEDULE-A:-</u>	
<u>Development Fund (Corpus)</u>	
Received During The Year	3,457,136
	<u>3,457,136</u>
<u>SCHEDULE-B:-</u>	
<u>General Fund</u>	
Income & Expenditure Account	(29,443,274)
	<u>(29,443,274)</u>
<u>SCHEDULE-D:-</u>	
<u>Cash & Bank Balances</u>	
Cash in Hand	686,643
Balance with Banks	18,140,367
	<u>18,827,010</u>
<u>SCHEDULE-E:-</u>	
<u>LOANS & ADVANCES</u>	
Advance to Staff	19,352
Advance to Suppliers	25,000
Security Deposit	13,600
	<u>57,952</u>
<u>SCHEDULE-F:-</u>	
<u>CURRENT LIABILITIES</u>	
Security Deposits	6,084,000
Professional Tax Payable	12,130
P.F Payable	120,818
	<u>6,216,948</u>



6. The Land and Building including Building under construction used by the University at no cost is owned by and registered in the name of Rai Foundation sponsoring body of the University.
7. The figures have been rounded off to the nearest of rupee.

As per our report on even date

For Bansal & Co.
Chartered Accountants

S.K. Bansal

(S.K. Bansal)
Partner



Membership No. 014301
Firm Registration No. 001113N

Place : New Delhi
Date : 01.06.2013

S.K. Bansal
(Provost)

Chauhan
(Dy. Provost)



Rai University
EVOLVING THINKING MINDS

Ahmedabad

Annexure – 26

RAI UNIVERSITY
PROVISIONAL BALANCE SHEET AS AT 31.03.2014

PARTICULARS	Sch.	AMOUNT RS.
I. SOURCES OF FUNDS		
1. Development Fund	A	4,904,622
2. Unsecured Loan	B	80,603,057
3. General Fund	C	(30,942,065)
TOTAL		54,565,614
II. APPLICATION OF FUNDS		
1. Fixed Assets	D	
Gross Block		40,914,639
Less:- Depreciation		5,240,807
Net Fixed Assets		35,673,832
Capital Work in Progress		9,020,127
Total Fixed Assets		44,693,959
2. Current Assets, Loans & Advances		
Cash & Bank Balances	E	6,596,945
Sundry Debtors, Loans and Advances	F	10,483,923
		17,080,868
Less : Current Liabilities	G	7,209,212
NET CURRENT ASSETS		9,871,656
TOTAL		54,565,614

Place : Ahmedabad
Date : 30.05.2014

Chauhan

Dy. Provost

RAI UNIVERSITY

PROVISIONAL INCOME & EXPENDITURE ACCOUNT FOR THE PERIOD ENDED 31.03.2014

PARTICULARS	AMOUNT RS.
<u>INCOME</u>	
Fees and Other Charges Received	88,439,989
Contributions made by the Sponsoring Body	-
Income Received from Consultancy and other work	-
Grants	-
Interest Received	1,394,371
Other Receipts	4,120,144
	93,954,504
<u>EXPENDITURE</u>	
Salary & Wages	38,492,508
Security Expenses	43,163
Legal & Professional Expenses	3,652,983
Advertisement & Promotional Expenses	11,717,734
Electricity & Fuel Expenses	5,129,563
Travelling & Conveyance Expenses	12,372,023
Telephone & Internet Expenses	1,414,687
Staff & Students Welfare Expenses	1,730,708
Books & Periodicals Expenses	50,217
Postage & Courier Exepenses	410,495
Bank Charges	23,590
Misc. Expenses	767,873
Fees & Subscription Expenses	331,622
Printing & Stationery Expenses	2,335,684
Repair & Maint. Expenses	4,677,227
Rent Expenses	348,000
Insurance Expenses	258,584
Mess Expenses	6,611,229
Property Tax	548,418
Lab/Practical Expenses	252,432
Depreciation	4,284,554
	95,453,295
Surplus/ (Deficit) for the year	(1,498,791)
Balance Transfer to General Fund	(1,498,791)

Place : Ahmedabad

Date : 30.05.2014


Dy.Provost

RAI UNIVERSITY
PROVISIONAL SCHEDULES
AS AT 31.03.2014

PARTICULARS	AMOUNT
	RS.
<u>SCHEDULE-A:-</u>	
<u>Development Fund (Corpus)</u>	
Opening Balance	3,457,136
Received During The Year	1,447,486
	<u>4,904,622</u>
<u>SCHEDULE-B:-</u>	
<u>UNSECURED LOANS</u>	
Unsecured Loan -Sponsoring Body	42,103,057
Unsecured Loan -Other Institutions	38,500,000
	<u>80,603,057</u>
<u>SCHEDULE-C:-</u>	
<u>General Fund</u>	
Income & Expenditure Account:-	
Opening Balance	(29,443,274)
Addition:- During the Year	(1,498,791)
	<u>(30,942,065)</u>
<u>SCHEDULE-E:-</u>	
<u>Cash & Bank Balances</u>	
Cash in Hand	1,988,077
Balance with Banks	4,608,868
	<u>6,596,945</u>
<u>SCHEDULE-F:-</u>	
<u>SUNDRY DEBTORS, LOANS & ADVANCES</u>	
Sundry Debtors	1,001
Advance for Purchase & Other Advances	10,360,895
Security Deposit	23,800
TDS Recoverable	98,227
	<u>10,483,923</u>
<u>SCHEDULE-G:-</u>	
<u>CURRENT LIABILITIES</u>	
Security Deposits	7,002,612
Professional Tax Payable	27,320
P.F Payable	179,280
	<u>7,209,212</u>

RAI UNIVERSITY
AS ON 31.03.2014

SCHEDULE-'D' (FIXED ASSETS)

Amt. in Rs.

S. No.	PARTICULARS	Rate of Depreciaton	GROSS BLOCK				DEPRECIATION			NET BLOCK
			Opeaning Balance as on 1-4-2013	Addition During the Year	Deletion During the Year	Total 31.03.2014	Total Depreciation up to 31-03-2013	Depriciation For the Year	Total Depreciation	W.D.V. as on 31.03.2014
1	BUILDING	10%	250,882	18,972,522	-	19,223,404	25,088	978,480	1,003,568	18,219,836
2	COMPUTERS & SOFTWARE	60%	694,865	1,923,100	-	2,617,965	416,919	803,698	1,220,617	1,397,348
3	FURNITURE & FIXTURES	10%	1,269,605	3,091,243	-	4,360,848	126,961	315,269	442,230	3,918,618
4	LIBRARY BOOKS	60%	308,933	921,816	-	1,230,749	127,423	498,754	626,177	604,572
5	VEHICLE	15%	1,299,732	5,977,815	-	7,277,547	148,947	945,915	1,094,862	6,182,685
6	EQUIPMENTS	15%	983,484	1,146,563	-	2,130,047	110,915	262,673	373,588	1,756,459
7	Lab Equipments	15%	-	3,704,079	-	3,704,079	-	479,764	479,764	3,224,315
8	COURSEWARE	0%	-	370,000	-	370,000	-	-	-	370,000
	TOTAL		4,807,501	36,107,138	-	40,914,639	956,253	4,284,554	5,240,807	35,673,832



Rai University
EVOLVING THINKING MINDS

Ahmedabad

Annexure – 27

Rai University Ahmedabad

Annexure – 27

Research & Publication

The RAI University promotes research in the various areas of Science, Management and Technology. The focus is on publishing research papers in conferences, seminars, workshops and journals. The research spans a diverse set of disciplines such as biotechnology, electronics and communication, power systems, computer sciences, information technology, management, commerce and finance. RAI University inculcates research attitude among students and faculty. It believes in creation of knowledge through research. Research is introduced right from the first year at undergraduate level. The University plays a proactive role in helping the faculty members to take up consultancy assignments.

RAI offers experimental and intellectual resources and provide assistance to different sectors through professional consultancy. The Institutes undertake consultancy projects in divergent activities in management and science and technology. The University has experienced and knowledgeable faculty members with expertise in marketing, finance, operations, strategy, human resource development, operations research, economics and information technology, fashion technology, media and mass communication and engineering. The Institute undertakes each project under scientific framework of research methodology with the latest knowledge in respective fields. The University encourages and provides active support to its teaching community to conduct research, publish textbooks and also sponsoring them to national and international conferences and workshops.

For providing a greater insight to our faculty in their research, our university has created a research Forum RUAREF, RAI Academic Research Forum in which constant efforts are being done by the members to promote the research work in various arenas. The forum keeps a track on all the research & allied activities in those areas happening around the world and thus disseminates the required information to all of our faculty members. It is engaged in organizing events like Conferences, Workshops, Seminars and FDPs. The Forum is thus contributing a great deal in motivating, providing timely information and kindling interest of our faculty & students towards research. It is planning to publish two Journals Professional Journal and RAI Research Journal. Professional Journal will be covering general write ups of students & faculty members. In RAI Research Journal, research work

carried out by scholars will be published.

The faculty is regularly involved in one activity or the other to upgrade their skills and stand well up to the expectations of the students. The University provides them ample opportunities to nurture their area of specialization by conducting various activities like:

Faculty Development Programmes (FDP)

The University lays major emphasis on FDP sessions and conducts these frequently for the teachers of all the courses. FDPs act as a major strength of the University and enhance the level of intellect of the teachers. Renowned people from industry and academia are invited to conduct these sessions for guiding the teachers to equip them with the best and the latest developments. FDPs not only focus on enhancing functional area expertise, but also on improving one's classroom delivery both as a teacher and trainer. These sessions have been a major success for the University, a morale booster for the teachers and above all a beneficial process for the students. The FDPs provide inputs on process and practice of entrepreneurship development, communication and inter-personal skills, creativity, problem solving, achievement motivation training, inputs on resource and knowledge industries. The training methodology includes case studies, group discussion, games and simulation exercise, field visits and classroom lectures.

A) RESEARCH AND EXTENSION FACILITIES

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A) LIST OF RESEARCH PUBLICATIONS IN INDEXED JOURNALS SINCE STARTING THIS UNIVERSITY

S. N.	Name of Faculty	No. of Publication	Title of Manuscript/Research paper	Publication Month/year	ISSN or ISBN	Name of Publisher
1	Mr. Ankur Aggrawal	1	Biometric Authentication using Tongue	Aug-13		SRM Magazine (National Conference), IEEE
2	Mr. Ashish Rami	6.00	21 st CENTURY ADS- ADDS MORE	Feb-13	ISSN 2231-1009	International Journal Of Research In Computer Application & Management
			Out of the box' HR practices adopted by various organizations	Sept.'13	ISSN: 2231-5780	Zenith International Journal Of Multidisciplinary Research
			'Management lessons from Indian ethos'	Dec.'13	ISBN 978-81-928537-0-5	Innovative business practices for creating value in global era
			'Rationality of Investor's Decisions based on Ahmedabad city'	Feb'14	ISBN	International conference on management of globalised business
			Emerging trends of HR in Banking and Insurance sector	March'14	ISBN	Emerging trends in Banking, Financial services and insurance sector
3	Dr. Hemant Patil	4	Agricultural Implications of Actinomycetes	NA	9783659154577	
			Selective isolation, evaluation and characterization of antagonistic actinomycetes against Rhizoctonia solani	Apr-10	11274-010-0400-0	World J Microbiol Biotechnol
			Actinomycetes mediated biochemical responses in tomato (Solanum lycopersicum) enhances bioprotection against Rhizoctonia solani	2011	1269-1273	
			Antioxidative potential of folate producing probiotic Lactobacillus helveticus CD6	2013	0022-1155	Journal of Food Science and Technology

4	Ms.Komal Sidhnani	2	Impact of Corporate Social Responsibility on Investors	Mar-14	ISBN 978-93-5122-000-8	Corporate governance: Contemporary Issues & Challenges in Indian Economic Environment (2nd ICGS, GTU, March 2014)
			Importance of Ethical Leadership for sustainability	Mar-14	ISBN 978-93-5122-000-8	
5	Mr. Tushar Panchal	5	Achieving Organizational Sustainability through HR Audit	Sep-13	ISSN 2321-869X (Vol 1 No. 1)	NICM, Gandhinagar
			An empirical study of Employee Engagement with special reference to Private University' Employees (Ahmedabad)	Dec-13	ISBN: 978-81 - 928573-0-5	Innovative business practices for creating value in global era
			Motivation and Youth Empowerment: Two Faces of a Coin	Jan-14	ISSN	VBRI, Udaipur
			Importance of Ethical Leadership for sustainability	Mar-14	ISBN 978-93-5122-000-8	GTU, Ahmedabad
			A Study of the Impact of CSR on Investors	Mar-14	ISBN 978-93-5122-000-8	GTU, Ahmedabad



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Ahmedabad

**End of
Detailed Project Report**
