

ABOUT RAI UNIVERSITY



Established by Gujarat State Legislature under Gujarat Act No. 12 of 2012, Rai University provides world class education and empowering opportunities for all sections of society. Rai University promises to nurture young minds by developing intellectual and providing professional faculties with a service to the cause of society & prides itself as one of the leaders in providing quality education in Ahmedabad.

Education can excel only if it is carried on with research. As per the vision and mission, Rai University is focusing on research and development initiatives. Rai University is committed to be one of India's leading universities, facilitating its students to recognize their zeal and potential enabling them to achieve their academic and professional goals.

VISION

Driven by applied research, experiential learning and practical training, Rai University envisions and enables vital connections and collaborations among the spheres of academic and research elaboration, industry innovation and community needs, toward achieving greater societal impact, sustainable development and lasting transformation.

MISSION

To promote teaching, training and research in different fields with special focus on the education and upliftment of girls from underprivileged sections in the State of Gujarat; women's education and empowerment is key to sustainability at all levels.

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Provost, Rai University

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Registrar, Rai University

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Rai University
EVOLVING THINKING MINDS
A LEADING RESEARCH DRIVEN UNIVERSITY



Six Days Online Faculty Development Programme on Research Methods and Techniques

14th to 19th September, 2020

ORGANIZED BY

 **SASC** | Department of Science

CO-ORGANIZED BY

**Center for Research and Development
& Internal Quality Assurance Cell**

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ABOUT FDP

Research methodology is indispensable in every field of higher education; be it social science, pure science or business studies. Though it is a critical component of all the branches of knowledge but it hardly gets the attention it deserves in disciplines across the university system. The need for organizing such workshops and training programmes is further intensified due to wide use and applications of appropriate research methods, quantitative techniques and computer software packages for quality research. With this objective, Department of Science, the School of Arts, Science and Commerce, Rai University is organizing a six days online faculty development programme on research methods and techniques for the students aspiring to undertake research career, registered Ph.D. scholars, and faculty members. The present online faculty development programme will make an attempt to provide practical training so that rigor and quality of research in their respective research areas.

OBJECTIVE WORKSHOP

1. Concept development of the researchers and faculty to define research problem and framework
2. Help faculty and research scholar to formulate a research proposal
3. Guide faculty and researchers in developing suitable research methodology and data analytical tools
4. To impart knowledge about statistical concepts and their practical implementation in research based projects.
5. To provide hands-on experience of the models and tools used for conducting research in the different subject domains
6. Guide researchers in writing a research paper
7. To develop the flair for reading & critiquing research articles.

WORKSHOP CONTENT

1. Introduction to Basic Research Methodology
2. Review of Literature
3. Sampling
4. Research Design
5. Measurement and Scaling
6. Scale Evaluation

7. Data Collection
8. Hypothesis Testing
9. Non-parametric Test and Parametric Test
10. ANOVA and Regression
11. Abstract Writing
12. Research Paper writing
13. Thesis Writing
14. Plagiarism
15. Research Ethics

FDP - SCHEDULE

Date : 14-9-2020

10.00 - 12.00	Introduction to Basic Research Methodology Review of Literature Speaker : Dr. Sailesh Iyer
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Date : 15-9-2020

10.00 - 12.00	Sampling Speaker : Dr. Sandesh Chhiber
02.00 - 04.00	Research Design, Measurement and Scaling Speaker : Dr. Nirav Halvadia

Date : 16-9-2020

02.00 - 04.00	How to develop the problem statement, Research questions and hypothesis, Scale evaluation process Speaker : Dr. Nirav Halvadia
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Date : 17-9-2020

10.00 - 12.00	Non-parametric test & Parametric test Speaker : Dr. Hitesh Parmar
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Date : 18-9-2020

10.00 - 01.00	ANOVA and Regression Speaker : Dr. Dhaval Maheta
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Date : 19-9-2020

10.00 - 12.00	Abstract Writing, Research Paper writing, Thesis Writing Speaker : Dr. Sanjay Sonar
02.00 - 04.00	Plagiarism, Research Ethics Speaker : Dr. Ashish Rami

SPEAKERS



Dr. Sailesh Iyer

Associate Professor,
Department of Computer Science,
Rai University



Dr. Sandesh Chhiber

Associate Professor,
Department of Science,
COE, Rai University



Dr. Nirav Halvadia

Associate Professor,
St. Kabir Institute of
Professional Studies,
Ahemdabad



Dr. Hitesh Parmar

Assistant Professor, Department of
Business Management,
Sardar Patel University, Vallabh-
Vidyanagar, Gujarat



Dr. Dhaval Maheta

Assistant Professor, Department of Business and Industrial
Management, Veer Narmad South- Gujarat University, Surat, Gujarat



Dr. Sanjay Sonar

Associate Professor,
Department of Computer Science,
Rai University



Dr. Ashish Rami

Head, Rai Business School,
Director - Center for Research
& Development, Rai University

WHO CAN ATTEND?

This Programme is open to the faculty members and research scholars, associates from University, colleges and research organization.

REGISTRATION

Interested candidate can register by filling the form at:

<https://forms.gle/1VEpqMYbMMQyoCwm6>

For participating and receiving the certificate of FDP.

Note : Further details will be given after successful registration.

LIMITED SEATS ONLY

REGISTRATION FEES : 200/-