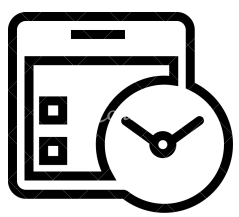




# RESEARCH METHODOLOGY 2023

**(REM 2023)**

**Workshop on Essentials of Research Methodology:  
Theory and practice**



**25 to 29 March, 2023**



**Venue:** 2nd Floor, Center for Extension, Research and Innovation (CERI), The Gujarat University Park for Industrial Extension and Research (GU-PIER), Gujarat University



**[www.idsr.edu.in](http://www.idsr.edu.in)**



**[events@idsr.org.in](mailto:events@idsr.org.in)**



# ABOUT IDSR



Institute of Defence Studies and Research (IDSR) has been established jointly by Gujarat University and IITRAM, Ahmedabad, with the patronage and support of Government of Gujarat. IDSR is an autonomous institute dedicated to conduct academic and research activities with a mission to pave way for quality human resources in the defence sector, while functioning as an organisation working towards augmenting the defence policy and research. The Institute promotes national and international security through the generation and dissemination of knowledge on defence and homeland security-related issues.

## PROMOTED BY



### About Gujarat University

Established in 1949 under the Gujarat University Act, the Gujarat University is the largest and oldest university of the Gujarat state. The idea of setting up the university conceived in the 1940s and the seed of inception was laid down

by Shri Sardar Vallabhbhai Patel under the chairmanship of Mr G. B. Mavlankar in consultation with Mr Kasaturbhai Lalbhai and Acharya Anand Shankar Dhruv.



### About IITRAM

The Institute of Infrastructure Technology Research and Management has been established by the Government of Gujarat as an Autonomous University and has been mandated to bring about significant change in Engineering

Education with respect to Technical and Managerial knowledge in the area of Infrastructure. The objective of this Institute is to serve as a Center of excellence in Research and Teaching in all areas pertaining to Infrastructure, and the Institute has a vision of acquiring a status of National importance in Infrastructure and related areas.



# About ReM 2023

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One of the major purposes of basic research is to create new Knowledge. It is the purpose of scientific research to go beyond experience and common sense, which frequently are quite limited and inadequate. Research is best conceived as the process of arriving at dependable solutions to problems through the planned and systematic collection, analysis, and interpretation of data. 'ReM 2023' is intended to advance a framework, a process, and compositional approaches for designing qualitative, quantitative, and mixed methods research.

## Workshop Objectives

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- To expose the participants to contemporary Research Methodology
- To provide a comprehensive review of sources and characteristics of constraints typically found in construction of research design
- Provide opportunity for young scientists, academicians and post-graduate students, to learn best practises in Research Methodology, Technical Writing, Language and Soft Skills that could contribute in better research output
- To provide a platform for interaction with eminent scientists and researchers

## Pedagogy

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The workshop is aimed at a variety of learning methods like case methods of teaching and learning along with group exercises, hands-on practical training on various research concepts. The workshop requires a high level of participation from participants in terms of individual preparations as well as working in groups.

### **NOTE:**

Programme Schedule will be communicated to the selected participants in due course of time

## Topics to be covered

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- Research and Research Design
- Qualitative Research
- Quantitative Research
- Statistical Techniques and Data Analysis
- Documentation and Presentation Skills
- Scientific Research Writing and Publications
- IPR Basics for Entrepreneurs and Startups: Navigating the Landscape
- Startup Ecosystem: Challenges and Prospects

## Who can apply

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Senior and middle level Scientists/Academicians and Research Scholars, PhD Scholars from the fields of Social Sciences, Humanities, Science & Technology, Engineering, from reputed R&D/Academic institutes are eligible to apply.

## Workshop Duration, Important Deadlines and Fees

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Senior and middle level Scientists/Academicians and Research Scholars, PhD Scholars from the fields of Social Sciences, Humanities, Science & Technology, Engineering, from reputed R&D/Academic institutes are eligible to apply.

## Important Dates

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|---------------------------|---------------------|
| Programme Duration        | — March 25-29, 2023 |
| Last Date of Registration | — March 23, 2023    |

## Venue

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Institute of Defence Studies and Research (IDSR), 2nd Floor, Atal-Kalam, Gujarat University Park for Industrial Extension and Research (PIER), Center for Extension Research and Innovation (CERI), Gujarat University, Ahmedabad

**Registration Fees: Rs. 500/-**  
**Register Now: [bit.ly/ReM2023](https://bit.ly/ReM2023)**



# Workshop Secretariat

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## Patron

- Prof. (Dr). Himanshu Pandya, Hon'ble Vice-Chancellor, Gujarat University & Chairperson and Director-General, IDSR

## Convenor

- Prof. (Dr). Rakesh Rawal, HOD, Department of Life Sciences, Gujarat University & Director and Joint Coordinator, IDSR

## Co-Convenor

- Prof. (Dr.) Jyoti Pareek, HOD, Department of Computer Science, Gujarat University & Joint Coordinator, IDSR

## Organizing Committee

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- Dr. Sunny Wadhvaniya, Head of Operation, IDSR
- Dr. Vaishali Shukla, Research Scientist, IDSR
- Ms. Venushree Patel, Research Assistant, IDSR
- Dr. Alay Mehta, Department of Biochemistry and Forensic Science, Gujarat University
- Mr. Jitendra Chauhan, Graphic Designer, IDSR

