



29th June to 5th July , 2026
 6:00 PM to 9:00 PM (Online)

A 7-Day Online FDP on

Advanced Research Methodologies

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Masterclasses on Research Design, SEM, Experimental Design & Text Analytics

Day - 1: Research Foundations and Theory Building

Research Philosophy: Foundations of Scientific Inquiry

- Dr. M. P. Ganesh

Research Problem Identification and Model Building

- Dr. Murugan Pattusamy

Day 2: Qualitative Frameworks

Mastering Systematic Literature Review (SLR)

- Dr. Sunali Bindra

Case Study Research: Design, Execution, and Theory Development

- Dr. Nakul Parmeshwar

Day 3: Foundations of Quantitative Data Analysis

Exploratory Data Analysis (EDA) & Stationarity

- Dr. RanaPratap Maradana

Regression Modelling for Advanced Research Applications

- Dr. Lohithaksha Maniraj Maiyar

Day 4: Experimental Research Design

Experimental Research Design: Principles and Foundations

- Dr. Srinivas Kumar

Advanced Experimental Design Strategies for Causal Inference

- Dr. Srinivas Kumar

Day 5: Measurement Development and Validation

Scale Development and Validation: Building Reliable Research Instruments

- Dr. Rajesh Ittamalla

Factor Analysis (EFA & CFA): Validating Measurement Models

- Dr. Samala Nagraj

Day 6: Advanced Structural Equation Modeling (SEM)

Mediation Analysis: Understanding Indirect Effects in SEM

- Dr. Murugan Pattusamy

Moderation Analysis: Examining Boundary Conditions in SEM

- Dr. Murugan Pattusamy

Day 7: Text Analytics for Contemporary Research

Text Analytics Fundamentals: Methods and Applications

- Dr. Puram Praveen

Advanced Text Analytics and AI-Driven Research Insights

- Dr. Puram Praveen



Dr. M. P. Ganesh,
IIT Hyderabad



Dr. Lohithaksha Maniraj,
IIT Hyderabad



Dr. Srinivas Kumar,
University of Hyderabad



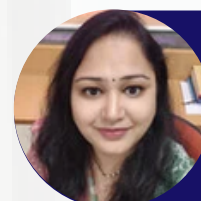
Dr. Murugan Pattusamy,
University of Hyderabad



Dr. Nakul Parmeshwar
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Dr. Samala Nagraj,
School of Innovation and
Management



Dr. Sunali Bindra,
Global Business School and
Research Centre, Pune.



Dr. RanaPratap Maradana
IIT Hyderabad



Dr. Puram Praveen,
IIT Hyderabad



Dr. Rajesh Ittamalla,
IIT Hyderabad

Last date for registration :
 25/06/2026



About the workshop

In an era where research excellence demands methodological rigor and analytical sophistication, the 7-Day Online FDP on Advanced Research Methodologies offers a unique opportunity to learn from renowned domain experts. Organized by IIT Hyderabad, one of India's premier institutions, the programme comprises 14 intensive sessions, with Session 1 from 6:00 PM – 7:30 PM and Session 2 from 7:30 PM – 9:00 PM, the programme provides advanced insights into contemporary research methods, analytical techniques, and emerging approaches in scholarly inquiry. Designed for faculty members, PhD scholars, and researchers, the FDP aims to strengthen methodological rigor, enhance analytical competence, and foster high-impact research and scholarly contributions.

Key Learning Outcomes

- Master contemporary research methodologies used in high-quality academic research.
- Learn directly from domain experts from leading institutions and research backgrounds.
- Develop advanced analytical skills in SEM, experimental design, text analytics, and related techniques.
- Enhance your publication readiness through rigorous research design and methodological best practices.

Who can register ?

Faculty, PhD scholars & Research Professionals

Fee

- Research Scholars: ₹1,200 + GST
- Working Professionals: ₹1,500 + GST
- IIT Hyderabad Students / Alumni: ₹500 + GST
- International Participants: \$35 + GST



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About department

The Department of Entrepreneurship and Management was established in 2021 as part of IIT Hyderabad to nurture entrepreneurial skills among graduates and to produce high quality research in the areas of entrepreneurship and management. The department offers MTech in Techno-Entrepreneurship and PhD program in addition to minor and major in Entrepreneurship offered for Engineering and Design students at IIT Hyderabad