MALAVIYA MISSION TEACHER TRAINING PROGRAMME

शिक्षा मंत्रालय
MINISTRY OF EDUCATION

# NATIONAL INSTITUTE OF TECHNOLOGY WARANGAL

An Institute of National Importance

## MALAVIYA MISSION TEACHER TRAINING CENTRE

Established under the Scheme of MMTTP, University Grants Commission (UGC), Ministry of Education, Government of India

### One-Week (Online) Short Term Training Programme on

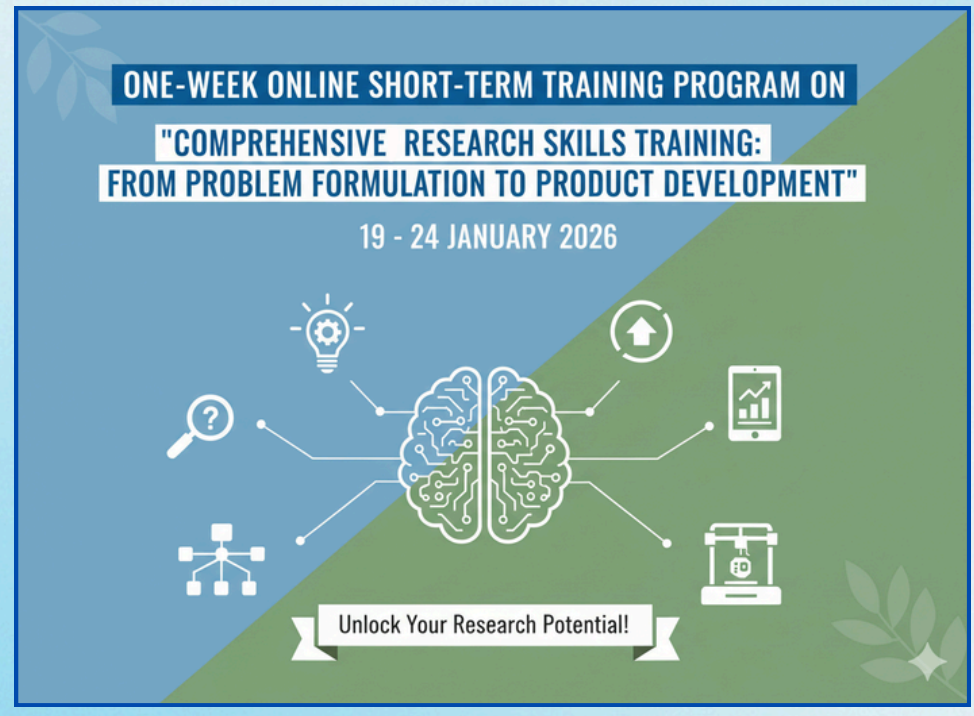
# Comprehensive Research Skills Training: From Problem Formulation to Product Development

## 19 - 24 January 2026

### STTP Overview:

This Short-Term Training Programme is designed to equip participants with a comprehensive understanding of contemporary research methodologies across qualitative, quantitative, and mixed-method paradigms. Emphasizing both theoretical foundations and hands-on training, the program aims to build strong research capabilities essential for academic, professional, and applied research.

The course integrates research design, data collection methods, statistical analysis, academic writing, and ethical practices. It also highlights emerging trends in social science and interdisciplinary research, enabling participants to conceptualize research problems, develop appropriate frameworks, and apply suitable analytical tools. By the end of the training, participants will be able to design robust studies, analyse data independently, and produce publishable research with academic integrity.




Scan the QR code to Register

**Last date for Registration: 12-01-2026**

**NO REGISTRATION FEE**

**Content of the STTP Program:**

**Introduction to Research and Scientific Thinking:** Research Concepts and Types, Formulating Research Problems and Questions, Research Design and Methodology.

**Literature Review and Hypothesis Development:** Systematic Literature Review Techniques, Citation and Reference Management, Hypothesis Formulation and Conceptual Frameworks.

**Data Collection and Sampling:** Research Instruments and Tools, Sampling Techniques, Ethical Considerations in Research.

**Data Analysis – Quantitative Methods:** Descriptive and Inferential Statistics, SPSS Hands-On Session, Excel for Statistical Modelling.

**Data Analysis – Qualitative and Mixed Methods:** Management: Qualitative Data Analysis, Mixed Methods Approaches, Validation and Reliability.

**Reporting, Publication, and Research Impact:** Scientific Writing and Reporting, Citation, Plagiarism, and Ethics in Publication, Research Impact and Policy Implications, Hands-On Session.

**Resource Persons for this program:**

Faculty members from NIT Warangal and Academicians in the concerned field from IITs, NITs and Industry experts will be invited to deliver lectures in the program.

**Course duration:**

There will be 6-days (36 hours) of engagement including live sessions, Hands-on sessions, assignments etc.

**Certification criteria:**

The participants must maintain 80% of Attendance, need to submit Assignments in time, and qualify in the final exam with 60% of marks. Candidates will be issued certificates on successful completion of the course.

**Who can apply ?**

Undergraduate and Post-Graduate faculties from State and Central Universities/Institute, Affiliated Colleges, Constituent Colleges, Private Colleges, Polytechnic Colleges etc. are eligible.

**Selection Criteria:**

Selection will be done based on first-come-first-serve to a maximum number of 100 Faculty/industry participants. **Students/PhD scholars are allowed to participate**. The list of selected participants will be intimated through e-mail. There is **No Registration Fee** to attend this program.

Note: This Programme shall be considered equivalent to One Week FDP/STTP for regularization/ CAS.

As per UGC guidelines, attending Online Courses under MMTTP, UGC will be treated as on duty/duty leave.

**About MMTTC of NIT Warangal:**

The Malaviya Mission Teacher Training Centre (MMTTC) was established at NIT Warangal in the year 2016 under the scheme *"Malaviya Mission on Teacher Training Program (MMTTP)"* sponsored by the University Grants Commission (UGC), Ministry of Education, Government of India. Since its inception, the Centre has successfully organized various programmes such as *NEP Orientation programs, Short-term programs, Refresher Courses, FDP programmes* and one-month duration *Faculty Induction Programme (FIP)* for Higher Education Faculty in various theme areas of Science and Technology, Humanities and Social Sciences from which more than 8000 participants have benefitted. Other activities of the MMTTC include offering online courses on curriculum design, carrying out research in educational technology and pedagogy and integrating ICT into the Teaching-Learning process. The MMTTC NIT Warangal has been conducting various programs, online and offline following MMTTP Guidelines and UGC Regulations.

**How to Apply? :**

Interested participants are required to register by using the online form, link provided below, on or before Last Date. There is **NO REGISTRATION FEE.** It is mandatory to submit the **Nomination Form** from your organization to consider your application.

**Registration link: https://mmc.ugc.ac.in/registration/Index**

**or through Google Form: https://forms.gle/nyM5LU3ZeSpJAhvXA**

## Program Coordinators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## Important Dates:

**Last Date of Application: 12th January 2026**

**Intimation of Selection: 13th January 2026**

## MALAVIYA MISSION TEACHER TRAINING CENTRE

### NATIONAL INSTITUTE OF TECHNOLOGY WARANGAL


**Prof. M. Sailaja Kumari**
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