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

12-Day (Hybrid) Refresher Course on

(28 Dec 2026 - 02 Jan 2027 Residential and 04 Jan - 09 Jan 2027 Online)

The Interdisciplinary Edge: Data, Decisions, and Dialogue

28 Dec 2026 - 09 Jan 2027

Course Description:

In an increasingly data-driven world, meaningful insights emerge when business applications, statistical reasoning, and critical social inquiry converge. The Interdisciplinary Edge: Data, Decisions, and Dialogue explores how data and digital technologies influence organisational decision-making, statistical understanding, human identities, social structures, and the environment. Organised collaboratively by the Department of Humanities and Social Sciences, Department of Management Studies, and Department of Mathematics at NIT Warangal, the workshop brings together three complementary perspectives: business analytics and machine learning for informed and sustainable decision-making; statistics and mathematical methods for inference, uncertainty quantification, forecasting, and causal analysis; and humanities and social sciences for examining identity, geopolitics, urban life, surveillance, ethics, and the environmental implications of digital systems. Through interdisciplinary lectures and practical learning, the programme aims to develop analytical skills and critical perspectives for responsible, evidence-based decision-making in a data-driven world.



Scan the QR code to Register

Last date for Registration: 25th December 2026

NO REGISTRATION FEE

Course Content

- Constructing Identity: Gender, Race, and Classification Systems
- Globalization, Geopolitics, and Transnational Data Flows
- The Quantified City: Spatial Sensing, Urban Informatics, and the Architecture of Modern Social Life
- The Digitized Body: Genetic Surveillance, Biometric Tracking, and the Ethics of Human Commodification
- Digital Infrastructure, Extractivism, and the Environmental Toll of Global Data
- Statistical Thinking in the Age of Data: Inference, Uncertainty, and Decisions
- From Classical Statistics to Modern Statistical Learning
- AI Meets Statistics: Explainable and Trustworthy Predictive Models
- Forecasting and Causal Inference for Data-Driven Decision-Making
- Probability and Uncertainty Quantification
- Business Analytics for a Better World: Data-Driven Insights for Sustainable Decision-Making
- Machine Learning for Business Applications: Supervised and Unsupervised Learning Techniques for Predictive Modelling and Intelligent Decision-Making
- Hands-on Python for Business Projects: Data Processing, Visualisation, and Practical Applications

Resource Persons for this Program

Faculty members from IIMs, IITs, IISc and NITs will be invited to deliver lectures in the program.

Course Duration

There will be 12-days (72 hours) of engagement including live sessions, Hands-on sessions, assignments, etc.

Certification Criteria

The participants must maintain 80% of Attendance. Candidates will be issued certificates on successful completion of the course.

Who can Apply ?

Faculty members in Central, State, Deemed to be Universities, Private Universities, Institutions of National Importance, Colleges and other HEIs; Contractual, Ad-hoc, Guest faculty Teachers and Research Scholars (Ph.D. level) in HEIs etc. are eligible.

Selection Criteria

Selection will be done based on first-come first-served to a maximum number of 50 Faculty/industry participants. 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 Program shall be considered for regularization/ Career Advancement Scheme (CAS). As per UGC guidelines, attending the 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 2015 under the scheme "Malaviya Mission on Teacher Training Programme (MMTTP)" sponsored by the University Grants Commission (UGC), Ministry of Education, Government of India. Since its inception, the Centre has successfully organized various programs in the form of NEP Orientation programs, Short-term programs, Refresher Courses, FDP programs and one-month duration Faculty Induction Program (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, 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 Google Form provided below, on or before **25th December, 2026**. 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

Google Form: https://forms.gle/2MSd8hh53axzac9R8

Accommodation

Accommodation can be provided at the Institute Visitor's Block for a maximum of 20 participants from the programme, on a first-come, first-served basis. Over and above this, accommodation will be provided at the Institute Outreach Centre (NITW). For further details, please contact **0870-2462686.**

Program Coordinators

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Department of Mathematics

Important Dates:

Last Date of Registration: 25th December 2026

Intimation of Selection: 26th December 2026

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NATIONAL INSTITUTE OF TECHNOLOGY WARANGAL

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NIT Warangal

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