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CENTRAL UNIVERSITY OF ANDHRA PRADESH
Jnana Seema, Janthalaru - 515701, Ananthapuramu, AP

Faculty Development Programme

on

**Artificial Intelligence(AI) in Academia: Building Competencies for Teaching,
Research and Institutional Excellence (Online)**

4th to 16th May 2026 (2.00 PM to 5.15 PM)

No Registration Fee

Last date for Registration: 02-05-2026

CENTRAL UNIVERSITY OF ANDHRA PRADESH

The Central University of Andhra Pradesh, established in 2018 at Ananthapuramu, is a significant initiative of the Government of India to expand quality higher education. Guided by the vision of Viksit Bharat of the Honorable Prime Minister Shri Narendra Modi, CUAP has steadily evolved into a vibrant academic institution offering nine undergraduate, seventeen postgraduate, and six Ph.D. programmes aligned with National Credit Framework (NCrF) to realize the objectives of NEP 2020. CUAP hosts a Malaviya Mission Teachers Training Centre and strives to position the University as an important hub for enabling the faculty to realize the goals of NEP 2020.

MALAVIYA MISSION TEACHER TRAINING PROGRAMME

The National Education Policy (NEP) 2020 underscores the need for motivated, energized, and capable faculty in higher education. The capacity building for teachers at all levels is a key focus. Malaviya Mission Teacher Training Programme (MMTTP) has been launched to enhance the capacity and training of teachers/faculty. The mission aims to transform higher education by integrating Indian values and ethos into teaching, research, publications, patents, and institutional development.

ABOUT THE PROGRAMME

The Faculty Development Programme (FDP) on “Artificial Intelligence(AI) in Academia: Building Competencies for Teaching, Research, and Institutional Excellence” is designed to equip educators with the knowledge and practical skills required to integrate AI into higher education. It focuses on enhancing teaching effectiveness, advancing research capabilities, and improving institutional processes through AI-driven tools and methodologies. The programme provides a structured platform to explore applications of AI in pedagogy, assessment, academic research, student engagement, and administration, combining conceptual understanding with hands-on exposure to relevant technologies.



Prof. S.A Kori
Hon'ble Vice Chancellor



Prof. C. Sheela Reddy
Director
MMTTC



Dr G. Malathi
Coordinator
MMTTC

OBJECTIVES

- To develop faculty competencies in applying AI tools and techniques for enhancing teaching, learning, and assessment processes in higher education.
- To enable participants to integrate AI-driven approaches in academic research and institutional decision-making for improved efficiency and innovation.

LEARNING OUTCOMES

- Participants will be able to design and implement AI -supported teaching strategies, including personalized learning, automated assessment, and digital content creation.
- Participants will demonstrate the ability to utilize AI tools for research applications and institutional functions such as data analysis, academic planning, and performance evaluation.

THEMATIC SESSIONS (12-DAY SCHEDULE)

1. Introduction to AI

- Research Problems for Machine Learning Models
- Data Cleaning with OpenRefine

2. Feature Engineering

- Building Datasets using SQL
- Feature Engineering Fundamentals

3. Data Extraction and Integration

- Data Extraction using SQL
- Data Integration using SQL and Orange Data Mining

4. Model Building – Supervised Learning

- Decision Trees and KNN using Orange
- Neural Networks, Random Forest, Bagging & Boosting using Orange

5. Model Building – Unsupervised Learning

- Clustering for Research Insights
- PCA and MDS for Data Reduction

6. Model Validation and Performance

- Cross-Validation Techniques
- Lift and Gain Charts for Model Evaluation

7. AI for Research Writing – I

- Systematic Literature Review using AI
- Research Writing with ChatGPT

8. AI for Research Writing – II

- AI Tools for Literature Review
- AI Tools for Academic Writing

9. AI for Content Development

- AI Tools Overview for Teaching
- Prompt Engineering for Better Outputs

10. AI for Teaching

- Creating Lecture Content using AI
- Case Studies and Classroom Activities using AI

11. AI for Student Learning

- Using ChatGPT for Student Engagement
- Personalized Learning using AI

12. AI Integration and Ethics

- Designing AI-Enabled Classrooms
- Ethics and Responsible AI Use

REGISTRATION PROCESS:

- Visit <https://mmc.ugc.ac.in/> and register yourself in the portal.
- Log in to the Portal and click on “Apply for Other Programmes” as a participant.
- Select Centre Name as “Central University of Andhra Pradesh”, Month - “May”, State - “Andhra Pradesh”.
- At Title, choose “Short-term/Faculty Development” fill other details & upload NOC.
- Review Application and then click on 'Submit Button' for successful registration.

ELIGIBILITY CRITERIA:

- Faculty members in Universities, Colleges and other HEIs.
- Research Scholars and Research Associates at the Ph.D. or Post-Doctoral level in HEIs.
- Participation is limited to 90 faculty members and 10 Research Scholars, and confirmation is based on first-come, first-serve basis.

Registration(UGC Portal): <https://mmc.ugc.ac.in/Registration/Index>

Google Form: <https://forms.gle/j4MEND6fUoWMbPZc9>

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