



AICTE Training And Learning (ATAL) Academy Sponsored Two-Week Faculty Development Program

On Impact of Artificial Intelligence in the field of Agriculture

(2022-2023)

17th - 29th October, 2022

Organized by

Department of Computer Science and Engineering

Malla Reddy Engineering College, Secunderabad

URL: <https://www.mrec.ac.in/>, <https://atalacademy.aicte-india.org/>



Program Details

CHIEF PATRONS

Sri. Ch. Malla Reddy, M.L.A
Hon'ble Minister Labour,
Factories, Women & Child
Welfare and Skill Development,
Telangana.
Founder Chairman, MRGI.

PATRON

Sri. Ch. Mahender Reddy
Secretary, CMR Educational
Society

Dr. Ch. Bhadra Reddy
President, CMR Educational
Society

COORDINATOR

Dr.A.Ramaswami Reddy
Principal,
Professor, CSE.

CO-COORDINATOR

Dr. Manyam thaile,
Assistant Professor,
CSE.

Dean

Dr. B. Sudharshan Reddy,
Professor, CE.

CSE HOD

Dr. Shivaprasad Satla,
Professor, CSE.

About ATAL Academy:

AICTE Training and Learning (ATAL) Academy is established with the vision "To empower faculty to achieve goals of Higher Education such as access, equity and quality". AICTE is committed for development of quality technical education in the country by initiating various schemes launched by Govt. of India, Ministry of Human Resource Development. Council understand that there is a need to train the young generation in skill sector and having faculty & technicians to be trained in their respective disciplines. Training is required for increasing the knowledge and skills of students to make them more employable to acquire global competencies.

AI systems are helping to improve the overall harvest quality and accuracy – known as precision agriculture. AI technology helps in detecting disease in plants, pests and poor nutrition of farms. AI sensors can detect and target weeds and then decide which herbicide to apply within the region.

Malla Reddy Engineering College:

Malla Reddy Engineering College (MREC) is a fulfilment of the distinct vision of its founder Chairman, Mr. Ch. Malla Reddy, the present MLA, Medchal Constituency and Hon'ble Minister Labour & Employment, Factories, Women & Child Welfare and Skill Development, Telangana State. MREC is one of the premier Engineering Colleges in the State of Telangana, established in the year 2002, affiliated to Jawaharlal Nehru Technological University Hyderabad (JNTUH), Hyderabad and conferred autonomous status by JNUTH in 2011, UGC in 2014- 2020 and 2020-2025. MREC has 11 academic programmes in UG and 7 programmes in PG which is serving the needs of the student body for the last 19 years. The institute is accredited by the National Board of Accreditation (NBA) for 8 programs (5 UG & 3 PG) and National Assessment and Accreditation Council (NAAC) with 'A++' grade (Cycle III), NIRF ranking in band 201-250 in Engineering category and ARIIA ranking in Band Performer. MREC has achieved 4 star rating in IIC under MIC. It offers B. Tech Programs in the disciplines of CE, EEE, Mech., ECE, CSE, CSE-AI&ML, CSE-CS, CSE-DS, CSE-IoT, IT and Mining Engineering besides six M. Tech. Programs with SE, EPS, VLSI&ES, TE, MD, CSE specializations and MBA. MREC is established with the aim of providing high quality technical education through constant innovation and academic excellence. MREC has an impressive on-campus recruitment record with many leading corporates regularly visiting and recruiting students.

About CSE Department:

The department of Computer Science & Engineering was established in 2005. The department offers a four years degree program in Computer Science & Engineering with an annual intake of 240 students and two years M.Tech P.G program in Computer Science and Engineering with an annual intake of 30 students. The most prestigious MICROSOFT project - AI for EARTH GRANT with 1 Crore fund has been achieved .

Topics to be covered:

- Introduction to Artificial Intelligence
- Introduction to Machine learning
- Introduction to Deep Learning
- AI, ML & DP Learning Techniques for Agriculture applications
- Research Methodology
- Stress Management
- Teaching practice
- Hands on Sessions on agriculture related Techniques

Who Can Attend:

- Faculty, Research Scholars & PG Students
- Registration, Refreshment and Lunch are FREE
- First Come First Serve

Max. No. of Participants: 50

Mode of FDP:

- 1 Week: Online
- 2 Week: Offline

For more enquiries:

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How to APPLY:

Participants can register for this course on AICTE-ATAL by following steps

Please sign-up on the AICTE ATAL site (<https://atalacademy.aicte-india.org/signup>)

Register as a participant → Fill your details

Select Workshop → Month → Thrust Area → Impact of Artificial Intelligence in the field of Agriculture

→ Click on + → Register

Resource Persons:

The sessions will be handled by the experts from IITs/NITs/Industry Professionals.