Program Details

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, Hon’ble Minister Labour & Employment, Factories, Women & Child Welfare and Skill Development, Telangana State. MREC is one of the premier Engineering Colleges of 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:
Dr. Manyam Thaile, Assistant Professor,
Dept of CSE, MREC
Gandhimaassama, Secunderabad
Hyderabad – 500049,
9491628682, 9949198807
manyamthaile@gmail.com

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.