

**One Week Faculty Development  
Programme on  
AI&ML and It's Applications  
6<sup>th</sup> to 10<sup>th</sup> February, 2023**

**REGISTRATION FORM**

Name: .....  
Designation: .....  
Department: .....  
College: .....  
Mobile: .....  
Email: .....  
Address for communication.....  
.....  
.....

**DECLARATION**

The information furnished in registration form is true to the best of my knowledge. I agree to abide by the rules and regulations governing by the course. If selected, I shall attend the course for entire duration, I also undertake the responsibility to inform the coordinator sufficiently in advance, in case I am unable to attend the course.

Place: \_\_\_\_\_ Date: \_\_\_\_\_

Signature of Faculty \_\_\_\_\_ Signature of  
Head of the Institution

Please fill the google form for registration  
<https://forms.gle/gZcnF2n3VoK4jz1HA>

**Chief Patron:**

**Sri. Ch. Malla Reddy,**  
Hon'ble Minister, Govt. of Telangana State  
Founder Chairman, MRGI

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**Dr. B. Subba Reddy,** HOD, Dept. of IT, MRECW

**Coordinator:**

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**Dr. Smitha Chowdhari,** HOD, Dept. of CSE-DS, MRECW

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**Dr. K. Smita**  
Associate Professor Dept of IT  
**Dr. S. Samreen**  
Associate Professor Dept of CSE  
**Mr. V. Sundaratnam**  
Associate Professor Dept of CSE-DS  
Cell : 9701559159  
**Mr. Imran**  
Assistant Professor Dept of CSE-AIML  
Cell: 9398413604  
**Mrs. B. Durga Bhavani**  
Assistant Professor Dept of IT

**REGISTRATION**

**Registration Fee: Rs. 500/- per Participant**

**FREE REGISTRATION**  
for participants from Malla Reddy Group  
of Institutions & Sister concern  
Institutions (CMR, MLR, St. Martins)

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**Organized by  
SCHOOL OF COMPUTER SCIENCE**



**MALLA REDDY ENGINEERING  
COLLEGE FOR WOMEN**

**Autonomous Institution**

**Accredited By NBA & NAAC With 'A' Grade**  
NIRF Indian Ranking, MHRD, Govt. of India  
Band-Excellent, National Ranking by ARIIA-2021  
Maisammaguda, Dhulapally, Secunderabad-500 100



[www.mallareddyecw.com](http://www.mallareddyecw.com)



## ABOUT MRGI

Situated away from raucous sounds of Hyderabad city, MRGI epitomizes technocracy at its best. Being one of the largest campuses in Telangana State, MRGI promises eventful student oriented learning. The founder chairman Sri. Ch. Malla Reddy began the journey as an educationalist to form the bridge between society, industry and academics. He is an unassuming dynamic leader with a keen interest in changing trends of higher education and student's employability in India & abroad. The diverse and enormous growth of the group unravels his realistic vision to cater to the needs of students in all the areas of education. Education at MRGI brings all round and holistic development in students. Today MRGI has become a major learning centre with 35 institutions offering Engineering, Medical, Management, MCA and Pharmacy courses.

## ABOUT MRECW

Malla Reddy Engineering College for Women (Autonomous Institution, UGC, Govt. of India) is approved by AICTE, New Delhi and affiliated to JNT University, Hyderabad. The college has UGC Autonomous Status by Govt. of India, Accredited by NBA, Accredited by NAAC with 'A' grade, Ranked by NIRF Indian Ranking, Accepted by MHRD, Govt. of India, Band-A (6<sup>th</sup> – 25<sup>th</sup>) National Ranking by ARIIA, MHRD, Govt. of India, ISO 9001:2015 certified, Affiliated to JNTUH, 2(f) & 12(B) Recognized by UGC, AAAA Rated by Careers 360 Magazine, AAAA+ Rated by Digital Learning Magazine, 51 Ranked Nationwide by TIMES News Magazine, Ranked Nationwide Top 132 by India Today, Ranked as Top Engineering Colleges of Eminence in India 2022-CSR Ranking, Platinum Rated by AICTE-CII Industry Linked Institutes Survey, Recipient of College of the Year-2019 Award from Education Matters, "College of the Year-2017 Award" from Silicon India Education, "Best Engineering College in Telangana & A.P. Award" from International Education Awards, Time Cyber Media Pvt. Ltd., "Education Leadership Award" from Dewang Mehta National Education Awards & "Engineering Educators Award" from University of Bradford, U.K. Top 10 Women Colleges in India-2022 by Women Entrepreneur India Magazine. We organized **Seven (7) International Conferences** in series from 2014.

## ABOUT SCHOOL OF COMPUTER SCIENCE

B.Tech Programs are offered different department of CSE, CSE-AI/ML, CSE-Data Science, CSE-Cyber Security, CSE-IOT, IT, ECE and EEE, M.Tech Programs in Embedded Systems, Computer Science and Engineering & MBA Since its inception, the Departments had been consistently in pursuit of excellence. The Departments have state of the art laboratories with the latest software like Windows 2008, Visual Studio 2012, Eclipse, Win Runner, QTP, J2EE, .NET, Fedora and WEKA Tool. The Department consists well equipped Robotics- Centre of Excellence to train the students in specific Modules to design and develop innovative projects that extend the state of the art in Robotics and BOT Lab. The Departments have equipped with well qualified and experienced teaching staff. Our Highly Competent and Professional faculties, many of them drawn from premise institutions and industry have extensive experience and contribute to the holistic development of academics, research and career-building of students. The Departments organized Faculty Development Programmes like AICTE Sponsored One Week National Workshop on Cloud Computing, Web Content Development Using Moodle, and Effective Teaching Methodologies for Engineering Education, Linux Internals, LAMP Products, C & Data Structures. To provide value-added certification courses for the benefit of the students, the Departments were established Microsoft Innovation Centre which offers Micro-Soft Certification, CISCO Networking Academy which offers CISCO Certification and in Association with ORACLE Corporation, India, Java Certification is offered. In view of Research Orientation and our faculty published SCI journals and papers in SCI/Scopus indexed journals,

## ABOUT FDP

The Faculty Development Program (FDP) intends to include fundamental knowledge, present and futuristic applications in the field of Artificial Intelligence and Machine Learning. During this program the academicians and industry personnel in their respective areas of expertise will discuss the fundamental of Machine learning and recent advancement in Artificial Intelligence. Also hands on training session will be conducted in above domains for the improving the real time technical skills in Machine learning and AI which will help them to do future research. The FDP will be very prove to be supporting for the research scholars and faculty to contribute in the field of research and technology and for publications in highly indexed journals. The FDP is planned in such a way that, there shall be an equal weightage given to both theoretical and practical sessions. This would help participants to experience tool-based activities and gauge themselves to utilize the machine learning and AI based applications

## TOPICS TO BE COVERED

- Artificial Narrow Intelligence, Artificial General Intelligence, Artificial Super Intelligence, Challenges and Opportunities in Artificial Intelligence based applications.
- Supervised Learning, Un Supervised Learning and Reinforcement Learning and Hands on AI Learning Techniques
- Searching Techniques, Knowledge Representation
- Neural Networks and Deep Learning, Natural Language Processing
- Fuzzy Logic and Its Applications
- Artificial Neural Networks, Statistical Classification Models Clustering, Case Studies
- Introduction to Machine Learning, Foundational Concepts Improving Machine Learning Models: Hyper-Parameter Tuning Regularization and Optimization Techniques
- Hands-On Tour to Machine Learning Models, Public Datasets
- Data Science Tools
- Data Visualization and Exploratory Data Analysis
- Case studies and Real-World Project

## EXPECTED OUTCOMES

- Knowledge enhancements.
- Hands on practices on machine learning algorithms.
- Finding research problems
- Communication with experts

## LEVEL OF PARTICIPANTS

Faculty working in AICTE approved Institutes, Ph.D. scholars, and working professionals from various organizations/industries can attend.

## RESOURCE PERSONS

Subject experts from reputed institutions viz. IIT/NIT/IIITs. Hands-on-sessions with industry experts.

