# NATIONAL LEVEL ONE WEEK FACULTY DEVELOPMENT PROGRAMME ON

## EMERGING TRENDS AND CHALLENGES IN CLOUD COMPUTING

### 15th to 20th July, 2024

## REGISTRATION FORM

Name: ..............................................................

Designation: ....................................................

Department: ....................................................

College: ...........................................................

Mobile: ............................................................

Email: ..............................................................

Address for communication.................................

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### 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**

## ONLINE REGISTRATION
(Click below link)
https://forms.gle/f1vghRdqmgu8RPf28

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**Chief Patron:**

**Sri. Ch. MALLA REDDY**
Hon'ble MLA, Telangana State
Founder Chairman.

**Patrons:**

**Sri Ch. MAHENDER REDDY,** Secretary.
**Dr. Ch. BHADRA REDDY,** President.

**Convener:**

**Dr. Y. MADHAVEE LATHA**
Professor of ECE & Principal

**Course Coordinators:**

**Dr. Y.GEETHA REDDY ,** HOD, Dept. of CSE
**Dr. SATEESH NAGAVARAPU,** HOD, Dept. of IT
**Dr. M. VANITHA,** HOD ,Dept. of CSE

**Advisory Committee:**

**Dr. C.V.P.R Prasad,** Dean – Academics

**Dr. B. SUBBA REDDY,** Dean, R&D

**Dr. K.V. NAGANJANEYULU** Dean, Student Affairs
**Dr. T.RAM KUMAR, Dean,** Industry Institute Partnership Cell (IIPC)
**Dr. VISHNU KUMAR MISHRA Dean,** Global Education & Career Guidance Cell.
**Dr. A.GANGA DINESH KUMAR ,Dean I**nnovation and Entrepreneurship Development cell

**Organizing Committee:**

**Dr. AR.Sivakumaran,** Dept. of IT

**Dr. N.Baskar** Dept. of CSE

**Dr. K.Jayarajan,** Dept. of IT

**Dr. T.Srikanth,** Dept. of CSE

**Dr. Khond Smita Rohidas,** Dept. of CSE

**Dr. N.Vinaya Kumari,** Dept. of CSE

## REGISTRATION FEE : Rs. 200/-

## PARTICIPATION CERTIFICATES WILL BE PROVIDED

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**Organized by**

## Departments of CSE & IT

# MALLA REDDY ENGINEERING COLLEGE FOR WOMEN
## Autonomous Institution

**Accredited NAAC with 'A+' Grade**
**Programmes Accredited by NBA**

National Ranking by NIRF-Innovation Rand band (151-300), MHRD, Govt. of India
Maisammaguda, Dhulapally, Secunderabad-500 100

## www.mallareddyecw.com

The college offers B.Tech Programmes in CSE,CSE-AI&ML, CSE-Data Science, CSE-Cyber Security, IT, ECE and EEE, M.Tech Programmes in Embedded Systems, Computer Science Engineering & MBA and has a strong vision of offering world class training to the promising engineers. 100% of the faculty members are ratified by JNTU Hyderabad. MRECW emphasizes on Application Oriented Teaching & Problem Based Solving. Since the establishment of the college, it is known for academic excellence. The College offers pre placement training program, e-learning, e-Training & e Assessment in collaboration with Time Institute, Training & Assessment through Code Tantra and Reference Globe, career connect and industry connect programs. College offering 100% Placements and students are placed in reputed MNCs like CISCO, Accenture, HSBC, Apps Associates, Cap Gemini, IBM, NTT Data, Cognizant, Wipro, TCS, Infogain, CGI, CYIENT, Mphasis, Infosys, Amazon & Genpact, with 6 to 8 offer letters for many.

For the better prospects, the college offers training to students for Prestigious Certifications like CISCO Networking Academy, Robotics-Centre of Excellence, Business English Certification (in association with Cambridge University, London, U.K.) through Center for Development of Communication Skills within the College Campus and also offers Innovative Product Development, project based training programs for I, II, III & IV year students in their fields of interest. College initiates and organizes International and National Conferences in association with Scopus Indexed journals, Workshops and Refresher courses in the different Engineering disciplines to upgrade the knowledge of the faculty members.

The faculty of the institution have completed and are also undertaking many more Research and funding projects. MRECW is always in the forefront in organizing workshops on latest technologies like Robotics, IOT, Block Chain Technology, R-Programming, Cloud Computing, Python, Android, Cadence Tools, MATLAB and Multisim to fill the gap between the Industry and Academia. The college has established Institution Innovation Council under MHRD and is member of J-Hub under JNTUH. Through these, in association with Entrepreneurship Development Cell, the College organizes and promotes Hackathon programmes for which our students have been selected as Top innovators and their products selected as Top Innovative products. The College also has an actively functioning Technology Business Incubation Centre for handholding startups till success. Students established IEEE, IETE, ISTE Student chapters and *Technical* Associations in each department under which they organize National and State Level Technical Symposia, Technical Quiz, Debate Competition, Group Discussion and Mock interviews etc. to improve their technical skills and soft skills. Here is the place where we mould students into industry ready engineers by providing leadership development, mentoring in technical education and empowering our young women to be the architects of change in the world of technology. We also strive to inculcate human values, ethics, and respect for tradition along with lot of emphasis on decency, dignity and life skills to meet the challenges of the world.

## 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 has UGC Autonomous Status by Govt. of India, Accredited by NAAC with 'A+' Grade, Programmes Accredited by NBA, Band (151-300)-National Ranking by NIRF-Innovation-2023, MHRD, Govt. of India, Ranked 9th in Top Engineering Colleges of Eminence by GHRDC Engineering Survey-2024, Ranked 13th in Top Engineering Colleges of Super Excellence by CSR Rankings-2024, ISO 9001:2015 Certified, 2(f) & 12(B) Recognition, UGC, Govt. of India, AAAA Rated by Careers 360 Magazine, AAAA+ Rated by Digital Learning Magazine, 7th in Emerging Private Engineering Colleges in India, THE WEEK Magazine – 2024, MRECW Ranked 83rd in Top Engineering Institute Rankings by Times Engineering Survey-2024, Ranked as Sustainable Institutions of India with the GOLD BAND by Green Rankings-2024, 64th Rank in T-Schools in India by Data Quest Magazine-2024, 44th Rank - Best Emerging Engineering Colleges of India by India Today Rankings 2024, 86th National Ranking by The Week Magazine-2023, Ranked Top 10 Promising Colleges for Data Science in India-2023, by Higher Education Review, 113th in Best Colleges in India, South Asia Award 2023-24 Cambridge under Cambridge Learning Partner-Continuous Learning Excellence, Four Star Rating from Institution Innovation Council(IIC), MHRD, Govt. of India, 16 University Gold Medals (JNTUH University) for Academic Excellence.

## ABOUT FDP

This FDP explores virtualization in cloud computing, its basic terms, and its functionality, optimizing resources like storage, network, application, server, and client to ensure efficient data sharing and dynamic resource allocation. IT giants like Microsoft, Infosys, IBM, Oracle, and TCS are transitioning from on-premise setups to cloud computing, replacing traditional software applications. Salesforce, Microsoft Azure, AWS is a top cloud provider, transforming traditional views of software, application, and product development technologies.

## TOPICS

- **Introduction to virtualization & cloud computing Task scheduling in cloud computing using PSO.**
- **Server Virtualization & Types of Server in computer Networks.**
- **Networking Virtualization in cloud computing.**
- **Storage Virtualization.**
- **Data & Application virtualization in cloud computing.**
- **Operating system-based Virtualization.**
- **Hypervisor security in cloud computing**
- **Security issues in cloud computing**
- **Privacy challenges in cloud computing.**
- **Security Threats Implementation in cloud computing**
- **Machine Learning Applications in Cloud Computing.**

## VENUE: Einstein Block, Main Auditorium, MRECW

## RESOURCE PERSONS

- Dr.M.V.Panduranga Rao Professor IIT Hyderabad
- Dr.Priyanka Chawla ,Professor NIT Warangal
- Dr. Damodar Reddy, Edla, Professor NIT Goa
- Shaik Mustafa ,L& T & FLM, Hyderabad.
- Dr.B.Tirupathi Kumar, Accenture , Manchester, England.