



MALLA REDDY ENGINEERING COLLEGE FOR WOMEN

Autonomous Institution – UGC, Govt. of India



Accredited by NBA & NAAC with 'A' Grade

NIRF Indian Ranking – 2020 & 2018, Accepted by MHRD, Govt. of India



DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Presents

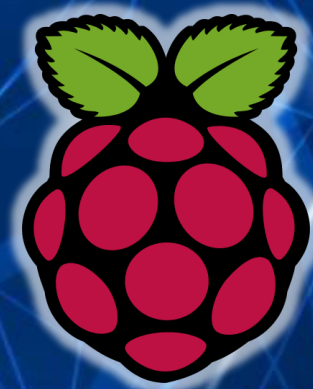
Faculty Development Programme on

Industrial IOT & Intelligent Connectivity using RASBERRY PI



Scan QR Code/Link to register:
<https://forms.gle/iB6NxbBH8GRWYBBv5>

25th to 27th June, 2020



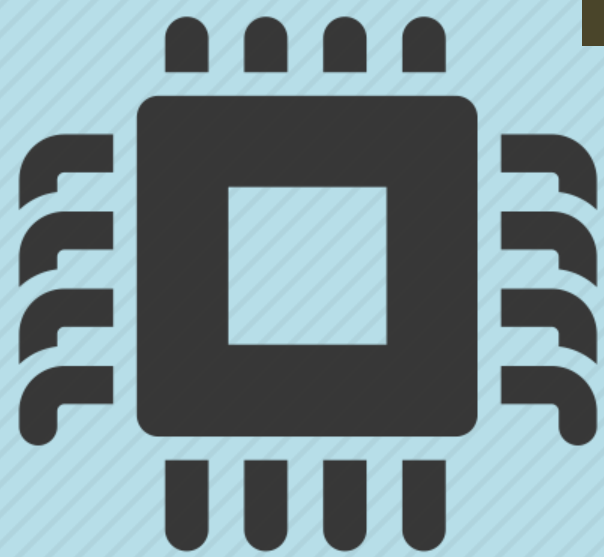
Technologies and Tools Covered

- Linux operating system
- Raspberry pi computer
- Open CV
- Python Programming & Hardware
- Sensor Interface to Raspberry pi
- Cloud Interface
- Data Upload and Implementation using Raspberry pi

in Association with



Pantech e Learning
Online Learning Platform



About Programme:

Internet of Things or IoT in short, is the idea of making devices and objects smarter by linking them to the internet. With IoT, you could for example have a fridge notify you when there's no milk. IoT has promising applications for smart homes, wearable devices, smart cities, connected cars and more. This course introduces you to the amazing world of IoT and its fascinating applications. Using a Raspberry Pi computer, you will develop an electronic device that streams ultrasonic, IR, fire and gas data over the internet. For example usage of IR Sensor You can program the system in such a way that say whenever the obstacle detects, the device will automatically send an email notification! Apart from gaining practical skills on the Internet of Things, by doing this project you will learn about the Raspberry Pi development platform which is popular among people who love innovative projects.

Chief Patron:

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

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Convener:

Dr. Y. Madhavee Latha
Principal, MRECW

FREE REGISTRATION & E-Certificates will be provided

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 Andhra Pradesh, 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. Mr .CH. Malla Reddy is the Founder, Chairman of Malla Reddy Group of Institutions (MRGI). He has been in the field of education for the last 26 years with an aim of spreading quality education. It is the largest cluster of Technical Institutions in the state of Andhra Pradesh. Today MRGI campus has become a major learning centre with 21 institutions offering Engineering, Medical, Management, MCA and Pharmacy courses.

ABOUT MALLA REDDY ENGINEERING COLLEGE FOR WOMEN

Malla Reddy Engineering College for Women – MRECW (Autonomous Institution, UGC, Govt. of India), established in 2008, is approved by AICTE, New Delhi and affiliated to JNT University, Hyderabad. The college has UGC Autonomous Status by Govt. of India, Accredited by NAAC with 'A' grade, Programmes Accredited by NBA, ISO 9001:2015 certified, Permanently Affiliated to JNTUH, 2(f) & 12(B) Recognised by UGC, Ranked by NIRF Indian Ranking-2020 & 2018, accepted by MHRD, Govt. of India, AAAA+ Rated in Top Engineering Colleges Survey 2019 by Digital Learning Magazine, AAA+ Rated by Careers 360 Magazine, Ranked Nationwide 95th by Outlook News Magazine, Ranked 6th in 'Outstanding Engineering Colleges of Excellence' category by CSR, Top 100 National Ranking by Times Newspaper, Platinum Rated by AICTE-CII Industry Linked Institutes Survey, recipient of "Best College of the Year-2019" 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. The College has established Robotics Centre of Excellence offering Training & Certification in Robotics.

The college offers B.Tech Programmes in ECE, CSE, EEE & IT, B.Arch Programme, 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. During the Academic year 2019-20, more than 550/600 students are placed in reputed MNCs like Accenture, HSBC, Apps Associates, Cap Gemini, IBM, NTT Data, Tech Mahindra, Cognizant, Wipro, TCS, Infogain, CGI, CYIENT, Mphasis, Infosys, Amazon & Genpact, with 4 to 5 offer letters for many and also 8 to 10 offer letters for few. For the better prospects, the college offers training to students for Prestigious Certifications like Oxford Achievers Certification (in association with Oxford University Press, India), Microsoft, CISCO, Oracle and Robotics Process Automation Certifications through Center for Development of Communication Skills, Microsoft Innovation Center, CISCO Networking Academy, Oracle Corporation and BOTLAB respectively within the College Campus and also offers 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. Many faculty members have attained patents, received awards, published books, more than 300 SCI/Scopus Indexed publications and huge number of publications and presentations in reputed International/National journals and conferences. 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 organizes Personality Development Programmes in association with Vivekananda Institute of Human Excellence, Rama Krishna Math, Hyderabad. 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. MRECW also organizes standard Events like Women's Day, Engineer's Day, Teacher's Day, Annual Day, Graduation Day, etc. 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

ADVISORY COMMITTEE

Dr. D. RAGHURAMI REDDY, Dean (Academics), MRECW
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EAMCET /ICET Code: MRCW

www.mallareddyecw.com

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Link to register in FDP:

<https://forms.gle/iB6NxbBH8GRWYBBv5>