

Important Dates:

Last date for Registration: 26<sup>th</sup> July, 2020

Scan QR code/Registration Link:  
<http://bit.ly/38x6z64>

Venue: After registration, selected participants will get online session details through registered email/whatsapp



E-CERTIFICATE WILL BE PROVIDED



EAMCET/ICET CODE MRCW



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

Patrons:

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Dr. Ch. Bhadra Reddy, President, MRGI

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Dr. Y. Madhavee Latha,  
Professor of ECE & Principal, MRECW

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Coordinator:

Dr. P. Srivani  
Assoc. Professor & Dept. of IT, MRECW  
Email: [pulla.srivani@gmail.com](mailto:pulla.srivani@gmail.com)  
Cell: 9948070737



FACULTY DEVELOPMENT PROGRAMME ON

RESEARCH METHODOLOGY



27<sup>th</sup> to 31<sup>st</sup> July, 2020

ORGANIZED BY



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

Approved by AICTE, ISO 9001: 2015 Certified Institution

Maisammaguda, Dhulapally, Secunderabad-500100



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## MRGI AT A GLANCE

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.MallaReddy 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 - 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, Ranked by NIRF Indian Ranking-2020 & 2018, accepted by MHRD, Govt. of India, ISO 9001:2015 certified, Permanently Affiliated to JNTUH, Z(A) & Z(B) Recognised by UGC, AAAA+ Rated in Top Engineering Colleges Survey 2019 by Digital Learning Magazine, AAA+ Rated by Careers 360 Magazine, Ranked Nationwide 95<sup>th</sup> by Outlook News Magazine, Ranked 6<sup>th</sup> in 'Outstanding Engineering Colleges of Excellence' category by CSR, Top 100 National Ranking by Times News Magazine, 141 National Ranking by India Today Magazine, 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 CSE,CSE-AIGML, CSE-Data Science, CSE-Cyber Security, CSE-IOT, 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. During the Academic year 2019-20, 548/600 students are placed in reputed MNC's 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 Microsoft, CISCO, Oracle, Robotics and Robotics Process Automation Certifications through Microsoft Innovation Center, CISCO Networking Academy, Oracle Corporation, Robotics-Centre of Excellence, BOTLAB and Oxford Achievers Certification (in association with Oxford University Press, India), Business English Certification (in association with Cambridge University, London, U.K.), Pearson Certification (in association with Pearson MePro) through Center for Development of Communication Skills 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. Teams of faculty members have filed 13 patents, received several awards, published more than 50 books, more than 500 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 has an actively functioning Technology Business Incubation Centre for handholding startups till success. 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.

## ABOUT FDP

Research Methodology is a path through which researchers need to conduct their research. It shows the path through which the researchers formulate their problem and objective and present their result from the data obtained during the study. The purpose of research is to discover answers to questions through the application of scientific procedures.

The aim of this programme is to help the researchers, academicians to get a research degree along with its consequential benefits, to face the challenge in solving the unsolved problems, i.e., concern over practical problems initiates' research, to get intellectual joy of doing some creative work, desire to be of service to society and desire to get respectability.

**Topics to be Covered:** Introduction to Research Methodology, Research Methods, Various stages of Research, Formulation of Research Problem, Research Design, Hypothesis Test, Handling of Time and Stress Management, Role of communication, Latex, Programming, Writing Research Articles, Thesis Writing, Quality indices of research publication: impact factor, H-index and other citation indices.

## SCHEDULE

**Day-1: 27<sup>th</sup> July, 2020**

Special talk on Research Methodology, Identification and

Formulation of Research by

**Dr. ASHRAF HOSSAIN**

Assistant Professor, Dept of ECE, NIT Silchar

**Day-2: 28<sup>th</sup> July, 2020**

Data Sources, Analysis & Research Procedure by

**Prof. HRUSHIKESHA MOHANTY**

Vice-Chancellor,

Kalinga Institute of Industrial Technology University

(Kalinga University)

**Day-3: 29<sup>th</sup> July, 2020**

Application of Tools & Techniques in

Research Methodology by

**Dr. N. SREEKANTH,**

Professor & HOD, Dept of ECE, MRECW

**Day-4: 30<sup>th</sup> July, 2020**

Research Design by

**Dr. SULTAN MAHMOOD CHOWDHURY,**

Associate Professor, Dept of ECE, MRECW

**Day-5: 31<sup>st</sup> July, 2020**

Research Publication and Research Ethics by

**Dr. P. SRIVANI**

Assoc. Professor, Dept of IT, MRECW

**Time: 4pm to 6pm**