

PAPER SUBMISSION

Authors are invited to submit their conference papers using the following links

<https://easychair.org/conferences/?conf=icetee2020>



PUBLICATIONS:

All accepted and registered papers will be published in Scopus Indexed and Web of Science Journals

REGISTRATION FEE

Category	Scopus Indexed Journal
Faculty, Ph.D / PG Research Scholar	9,500 /-
Industrial Persons	10,500 /-
Foreign Delegates	\$ 250

- Inclusive of Conference kit & Working Lunch



Online Transactions:

Account No : 06967630001142
 Account Name : MRCET Technical Fund
 Account type : Current Account
 Bank Name : HDFC BANK
 IFSC Code : HDFC0000696
 MICR Code : 500240017
 Branch : Petbasheerabad

Guidelines & Paper format

- At least one author of an accepted paper must register and present his / her paper in conference.
- Prospective authors are invited to submit paper(s) written in A4 size covered under normal registration.
- Paper format can be downloaded from conference website.
- Prospective authors are invited to submit full-text papers including abstract, keywords, introduction, methodology, result description, tables, figures and references. Full text papers (.doc, .pdf)
- All accepted papers should be formatted as per Conference Template. Be sure that each author profile (min 100 word) along with photo should be included in the final paper/camera ready submission.

SCOPUS Policy on Plagiarism

- Authors are requested to kindly refrain from plagiarism in any form. Authors should submit their original and unpublished research work not under consideration for publication elsewhere.
- Papers found to be plagiarized during any stage of review shall be rejected.
- As per copyright transfer agreement, Authors are deemed to be individually and collectively responsible for the content of manuscripts published by them.
- Hence, it is the responsibility of each author to strive for the highest ethical standards with respect to plagiarism.

Important Dates:

Full Paper Submission Last Date : **June 15, 2020**
 Paper Acceptance : **July 05, 2020**
 Conference Dates : **August 21-22, 2020**

Scopus®
 Web of Science Journals

ADVISORY COMMITTEE

- Dr. Ch. Narayana Rao, Scientist, Denver, Colorado, USA
- Dr. Richard H. Nader, Assoc. Vice President, Mississippi State University, USA
- Dr. Muralidhar Rangaswamy, WPAFB, OH, USA
- Mr. E Sheldon D. Wallbrown, Western New England University, Springfield, USA
- Dr. Murali Venkatesh, Professor, Syracuse University, USA
- Dr. Vinod Chandran, Professor, Queensland University of Technology, Australia
- Dr. Amiya Bhaumik, Vice Chancellor, Lincoln University College, Malaysia
- Dr. Hushairi bte Zen, Professor, UNIMAS, Malaysia
- Dr. Narayanan, Director, ISITI, CSE, UNIMAS, Malaysia
- Dr. Koteswararao Kondepu, Research Fellow, Scuola Superiore Sant' Anna, Pisa, Italy
- Shri BHVS Narayana Murthy, Director, RCI, Hyderabad
- Prof. PK. Biswas, Head, IIT Kharagpur
- Dr. M. Ramasubba Reddy, Professor, IIT Madras
- Prof. NC Shiva Prakash, Professor, IISc, Bangalore
- Dr. Lakshmi, Professor, NIT, Warangal
- Dr. Anil Naik, Professor, NIT, Warangal
- Dr. A. Raghu Ram, Professor, JNTUH
- Dr. A. Jaya Laxmi, Professor, JNTUH
- Dr. Gaddam Mallesham, Professor, OJH
- Dr. Jacob Raglend I, Professor, VT University

ORGANIZING COMMITTEE

- Mr. B Rajeshwar Reddy, Administrative Officer
- Mr. O Saidulu Reddy, Asst. Professor, EEE
- Mr. P Raji Reddy, Asst. Professor, EEE
- Mr. G Shekar Babu, Asst. Professor, EEE
- Mr. S Rakesh, Asst. Professor, EEE
- Mr. M Kumaraswamy, Asst. Professor, EEE
- Mr. I Rajashekar, Asst. Professor, EEE
- Mr. M Naresh, Asst. Professor, EEE
- Mr. K Harish, Asst. Professor, EEE
- Mr. K Aravind Swamy, Asst. Professor, EEE
- Mr. R. Pradeep, Asst. Professor, EEE

WEB DEVELOPER

- Mr. K. Sudhakar Reddy, Assistant Professor, IT

Address for Correspondence:

Organizing Secretary, (ICETEE-2020)

Phone: +91- 9566166084/ 8801114502 / 9180487335

Email ID: icetee.mrcet@gmail.com

www.icetee.mrcet.com



MRCET

MALLA REDDY COLLEGE OF ENGINEERING AND TECHNOLOGY

(Autonomous Institution - UGC, Govt. of India)
 (Affiliated to JNTU, Hyderabad, Approved by AICTE - Accredited by NBA & NAAC - 'A' Grade - ISO 9001:2015 Certified)
 Maisammaguda, Dhulapally (Post: V. Rajampet), Secunderabad - 500105, Telangana State, India.

www.mrcet.ac.in

Scopus®
 Web of Science Journals

www.icetee.mrcet.com



**INTERNATIONAL
 CONFERENCE**
 ON EMERGING TECHNOLOGIES IN
 ELECTRICAL ENGINEERING

**AUGUST
 21-22
 2020**
 (ICETEE-2020)



Chief Patron
Sri. CH. Malla Reddy
 Founder Chairman, MRGE

Patrons
Sri. CH. Mahendar Reddy Secretary, MRGE
Dr. CH. Bhadra Reddy, President, MRGE

Conference Chair
Dr. VSK Reddy - Principal

Organizing Secretary
Prof. M. Sharanya - HOD, EEE

Publication Chair
Dr. M. Murali Krishna - Dean, Academics

Convener
Prof. P. Sanjeeva Reddy - Dean, International Studies

Organizing Chair
Prof. K. Subhas - Director, EEE

Coordinators
Dr. N. Kamala Moorthy - Professor, EEE
Mr. N. Ramesh - Assoc. Professor, EEE
Mr. P.S.K. Karimulla - Assoc. Professor, EEE

All accepted and registered papers will be published in
 SCOPUS indexed and Web of Science Journals

Scopus®
 Web of Science Journals



MRCET

Organized by

**MALLA REDDY COLLEGE
 OF ENGINEERING AND TECHNOLOGY**
 (Autonomous Institution - UGC, Govt. of India)

(Affiliated to JNTU, Hyderabad, Approved by AICTE -
 Accredited by NBA & NAAC - 'A' Grade - ISO 9001:2015 Certified)



Maisammaguda, Dhulapally,
 Secunderabad - 500100,
 Telangana State, India.
www.icetee.mrcet.com
www.mrcet.ac.in



Hyderabad, the capital city of Telangana represents the right blend of heritage with modernity. Rich historical heritage, culture and a knowledge hub, Hyderabad is among the fastest growing cities of the world.

HITEC CITY

Hyderabad Information Technology and Engineering Consultancy City, abbreviated as **HITEC City**, is a major technology township which is one of the leading hubs in India. Once the capital of the great Nizams, Hyderabad is today acquiring the status of the 'cyber capital' of India. Hyderabad, a twin city along with Secunderabad, has now acquired a third dimension - **H Cyberabad**, a city by itself, covering 51 sq.kms. HITEC City forms the core of this new knowledge hub. Some of the other institutions which are part of Cyberabad are Indian Institute of Information Technology (IIIT), ISB, proposed golf course, botanical gardens, night safari, Engineering Staff College of India, University of Hyderabad etc.,

CHARMINAR

The Charminar, built in 1591 CE, is a monument and mosque located in Hyderabad, Telangana, India. The landmark has become a global icon of Hyderabad, listed among the most recognized structures of India. The English name is a transliteration and combination of the Urdu words Char and Minar, translating to 'Four Towers'; the eponymous towers are ornate minarets attached and supported by four grand arches.

HUSSAIN SAGAR

Hussain Sagar is a lake in Hyderabad spread across an area of 5.7 square kilometers and is fed by River Musi. A large monolithic statue of the Gautam Buddha, erected in 1992 stands in an island in the middle of the lake. Maximum depth of the lake is 32 feet.

GOLCONDA FORT

An enthralling and bewitching experience, a unique architectural and engineering marvel that is Golconda is a masterpiece and a citadel that depicts the glory of the Royal Kingdoms that ruled this region. The invincible ramparts, boulders and intricate finess of the fort are breathtaking.

BIRLA MANDIR

In close proximity to Hussain Sagar lies the famous Birla Mandir dedicated to lord Venkateswara. The temple is built on top of a hillock. This was constructed by the noted Industrialist GD Birla totally in marble stone. The temple attracts lot of tourists throughout the year.



About MRCET

Malla Reddy College of Engineering and Technology (MRCET) is a constituent college of Malla Reddy Group of Institutions (MRGI) founded by Mr. Ch. Malla Reddy noted educationist and Founder Chairman, MRGI. At present there are 12 engineering colleges under MRGI with 30,000 students in the campus, making MRGI the largest group of institutions in Telangana, India. The MRGI is situated about 30 km from the International Airport, Hyderabad.

Malla Reddy College of Engineering and Technology (MRCET) is established in the year 2004, approved by AICTE, New Delhi and permanently affiliated to JNTU University, Hyderabad. The MRCET College is offering B.Tech and M.Tech Programmes in the areas of Computer Science and Engineering, Electronics & Communication Engineering, Electrical & Electronics Engineering, Information Technology, Aeronautical Engineering, Mechanical Engineering and Master in Business Administration (MBA). The college also has UGC Autonomous status for both Engineering and Management Programs. The college is also accredited by National Board of Accreditation (NBA) and NAAC with 'A' Grade. The Institution is certified with ISO 9001:2015.

Special Achievements

- UGC Autonomous Institution, Govt. of India.
- Accredited by NBA, AICTE, New Delhi.
- Accredited by NAAC-A Grade, UGC, Govt. of India.
- Institute has been certified with ISO 9001:2015
- UGC 2f & 12(B) recognized institution, UGC New Delhi
- Research Centre Status, JNTUH, Hyderabad
- MoU with University of New Orleans, USA
- MoU with International Technological University, USA
- MoU with University Malaysia Sarawak (UNIMAS), MALAYSIA
- MoU with ECPI University, USA
- MoU with University of Highlands & Islands, Scotland, UK
- MoU with Lincoln University College, MALAYSIA
- Recognized e.Gov Campus by Engineering Watch, Re-Engineering India.
- Industry Institute Partnership Cell (IIPC)
- MoU with NRDC, Govt. of India
- AICTE-MHRD Institution Innovation Council, Ministry of HRD, Govt. of India.
- Recognition of Scientific Industrial Research Organizations (SIROs).
- Indian World Record and special recognition in "Indian Book of Records" for outstanding performance of mastering the art of world largest painting – World's Earth Day.
- MRCET is a life member of NHRD Network
- CISCO International Certification Authorized Centre.
- Approved to admit Foreign Students/PIO's
- Nodal Center: IIT – Bombay/Kharapur for Technology Transfer
- NASSCOM Nodal Center for NAC-Test Assessment
- JAVA Certification through Oracle Academy
- MoU with Tech Mahindra
- Business Incubation Centre – MSME, Govt. of India
- Global Education and Career Counseling Centre
- Ranked 'AAA+' among India's Best Engineering Colleges – 2018 - Careers360.
- Ranked Top 100 Best Engineering Institutions in India - Outlook Magazine.
- Ranked 5th among the Top Engineering Colleges of Excellence in CSR.
- Ranked Top 30 Best Engineering Institutions in India - India Today.

ICETEE-2020

ICETEE CONFERENCE THEME

Over the last few decades, Electrical Engineering has proliferated into many new branches of engineering like Electronics, Instrumentation, Controls systems, Computer Engineering etc. Similarly Electrical Engineering is also evolving into multidisciplinary branches like Mechatronics, Robotics and Industrial Automation etc. by close interaction with other related branches like Mechanical, Electronics, Instrumentation, Computer Engineering etc.

Accordingly, the first "International Conference on Emerging Technologies in Electrical Engineering" is planned as a common platform for the professionals, academicians and research scholars working on latest technologies & emerging trends in the areas, to exchange and assimilate the related knowledge and information.

Apart from the basic aspects of conventional Electrical Power Generation, Transmission, Distribution & Utilization, the scope of Electrical Engineering has progressed further into more advanced systems and areas like: Non Conventional /Renewable Energy Systems, Efficient long distance AC & DC Power transmission, Power quality improvement, Computer aided Machine design (special purpose materials, more effective efficient Industrial Drives & Automation utilizing the advances in Power Electronics & Computer hardware etc. This conference aims to consolidate in one forum all these state of the art technologies, developments, innovations & future trends in such areas and thus contribute to the much needed dissemination and spread of the relevant knowledge to the participants.

Finally, this conference is also aimed to serve as an arena for the participants to develop the essential & effective communication along with cognitive, comprehension and interaction skills which are as much essential as academic excellence in present days' career growth. The papers are expected from both professionals working in the above areas in Industry and R&D organizations as well as academicians & Research scholars from educational institutions across the world and will cover the related state-of-the-art technologies, teething problems faced during product/technology development, the resulting advantages / improvements, ongoing as well as the scope for future R&D.

Conference Topics

- Materials and Process Technologies in Electrical Engineering
- Power Systems and Energy Engineering
- Soft Computing Techniques in Power Systems Analysis
- Transmission and Distribution Systems
- Instrumentation & Feedback Control Systems
- Power Electronics & Energy Efficient Drives
- Renewable Energy Sources
- Power Quality Improvement Techniques
- HVDC/FACTS
- Electrical Machines Design & Applications
- Bio-medical Engineering & Applications
- Smart Grid
- High Voltage Engineering & Insulation Technology
- Electrical Systems in Solar and wind Power plants
- Grid Connected Solar and wind Power plants
- Frequency converters in Wind Turbines
- High Energy storage systems
- Nanotechnology
- AI techniques & neural networks in Electrical Engineering
- IOT Applications in Electrical Engineering
- PLCs & Micro Controllers in Industrial Automation
- Industrial Electrical Systems

