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PUBLICATION:

- All accepted and registered papers will be published in Springer publication series “Smart Innovation, Systems and Technologies (SIST)”.

<https://www.springer.com/series/8767> ISSN: 2190-3018

Indexing: The books of this series are submitted to ISI Proceedings, EI-Compendex, SCOPUS, Google Scholar and Springerlink.

- The selected papers with extended work would be called for inclusion in Scopus indexed open access journal.

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Category	Indian Author	Foreign Author [#]
Faculty & Research Scholar	₹ 8000	USD 200
Industry	₹ 9000	USD 200

- Extra page charges over 8 pages in ₹ 1500 for Indian Author and USD 30 for Foreign Author.

[#] Registration Fee is completely waived –off for foreign authors of Non-Indian Origin. However, their physical presence for presenting the paper in the conference is mandatory.

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- 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) within 8 pages written in A4 size covered under normal registration. Extra page charges apply beyond 8 pages.
- Paper format can be downloaded from conference website.

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Important Dates:

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

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**INTELLIGENT MANUFACTURING AND
ENERGY SUSTAINABILITY (ICIMES-2020)**

Smart Innovations in Industry 4.0

August 21-22, 2020



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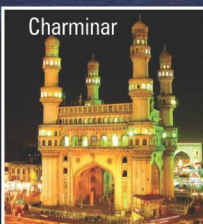
WELCOME TO HYDERABAD

Hussain Sagar

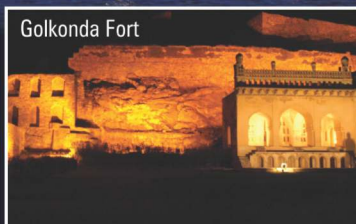
Birla Mandir



Hitec City



Charminar



Golkonda Fort

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.

GOLKONDA 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 finesse 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 Member of Parliament from Telangana State, India. 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.

MRCET was established in the year 2004, approved by AICTE, New Delhi and permanently affiliated to JNT University, Hyderabad. The Institute offers B. Tech and M. Tech Programmes in the areas of Computer Science and Engineering, Electronics & Communication Engineering, Information Technology, Aeronautical Engineering, Mechanical Engineering, Electrical and Electronics Engineering and Master in Business Administration. MRCET has UGC Autonomous status for both Engineering and Management Programs. The Institute is accredited by Tier-I National Board of Accreditation (NBA) and National Assessment and Accreditation Council (NAAC) with 'A' Grade and certified with ISO 9001: 2015.

Special Achievements

- UGC Autonomous Institution, Govt. of India.
- Accredited by NBA (Tier-1), 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 NRDC, Govt. of India.
- 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 Lincoln University College, MALAYSIA
- MoU with Monmouth University, West Long Branch, NJ, USA
- MoU with Tandon School Engineering, New York University
- MoU with George Washington University, USA
- AICTE-MHRD Institution Innovation Council, Ministry of HRD, Govt. of India.
- Recognized e.Gov Campus by Engineering Watch, Re-Engineering India.
- Granting of Permanent Affiliation status from JNTU, Hyderabad.
- MoU with National Aerospace Laboratories (NAL), Bangalore.
- Industry Institute Partnership Cell (IIPC)
- 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.
- MoU with ESOL Examinations (BEC) University of Cambridge, UK.
- Approved to admit Foreign Students/PIO's
- Nodal Center: IIT – Bombay/Kharagpur for Technology Transfer
- Microsoft Innovative Center.
- NASSCOM Nodal Center for NAC-Test Assessment
- JAVA Certification through Oracle Academy
- MoU with Zensar Technologies for the Technology Transfer
- MoU with Tech Mahindra
- Academic Partner – Wipro Technoloiges
- Business Incubation Centre – MSME, Govt. of India
- Global Education and Career Counseling Centre
- Patents award – 4 No's

ICIMES - 2020

Conference Theme:

Innovation is the prime element of new avenues to grow in every sphere. ICIMES is an interdisciplinary mechanical engineering conference that engages Scientists, Academicians, Industry Personnel and Research Scholars to network and fosters new collaborations. ICIMES plays a significant role in inspiring breakthrough innovations from fundamentals to Socio-Technological challenges and applications that are shaping the Industry 4.0.

Scope:

The conference will consider computational, mathematical and engineering evolutions that are used in design, analysis, simulation and sustainability. Engineering is interpreted in its widest sense to include intelligent systems, manufacturing, mechanical, electrical, aeronautical, materials, automobile, biomass, biofuels and Energy sustainability fields.

Conference Topics

Track-1

- Smart Manufacturing
- Hybrid Machining
- Polymers, Ceramics and Composites
- Nanostructures and Nanomaterials
- Tribology
- Design Thinking & Prototyping
- Product Life Cycle Strategies

Track-2

- Computational Mechanics and Fluid Dynamics
- Cryogenics and Jet Propulsion
- Heat and Mass Transfer
- CO₂ Capture
- Environment & Recycling Technologies
- Biomass and Biofuels

Track-3

- Automation and Robotics
- Artificial Intelligence
- Computer Vision
- Modeling Simulation and Optimization
- Digital Twin

Track-4

- Intelligent Transport Systems
- Electric and Hybrid Cars
- Micro Air Vehicles
- Smart Grids
- Sustainable Energy Systems

And any other area which is relevant to Intelligent Manufacturing and Energy Sustainability.



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