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ABOUT HYDERABAD

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.,

CHARMINAF

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 Institution 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 (MBA). The Institution also has UGC Autonomous status for both Engineering and Management Programs. The Institute is accredited by National Board of Accreditation (NBA) and National Assessment and Accreditation Council (NAAC) with 'A' Grade. The Institution is also certified with ISO 9001: 2015.

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- Institute has been certified with ISO 9001:2015
- UGC 2f & 12(B) recognized institution, UGC New Delhi
- Research Centre Status, JNTUH, Hydearbad
- MoU with University of New Orleans, USA
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- MoU with Tandon School Engineering, New York University
- MoU with George Washington University, USA
- 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)
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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.

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- Smart Manufacturing
- Tribology
- Polymers and Composites
- Micro Spectroscopy
- Hybrid Machining
- Flexible manufacturing
- Digital Twin
- Artificial Intelligence
- Automation & Robotics
- Computer Vision
- Electric and Hybrid Cars

- Computational Mechanics and Fluid dynamics
- Modeling, Simulation and Optimization
- Computational Mechanics and Fluid dynamics
- Sustainable Energy systems
- Cryogenics and Jet propulsion
- Renewable Energy Systems
- Heat and Mass Transfer
- Smart grids
- Biomass and Biofuels
- CO₂ capture

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

