

## ABOUT THE JOURNALS

The Grenze International Journal of Engineering and Technology (GIJET), is a multi-disciplinary journal which covers all aspects of scientific, engineering and technical disciplines. Published Twice-yearly, focuses on the frontier topics in the Computer Science, Civil, Mechanical, Electrical and Electronics Engineering subjects. All the accepted papers will be available in the GRENZE Digital Library resources forever. On the other hand, i-manager Publications is a reputed International Academic Publisher in its 15th year of Publishing Academic Journals. i-manager's JFET presents the evolution of Engineering in the contemporary age by research findings and perspectives of international experts. i-manager's JMS endeavors to be one of the leading source of primary communication for researchers investigating the structure and properties of all materials.

i-manager's JCE is a platform for researchers in the field of Civil Engineering to share their views embracing an appeal for a new, enhanced role for the profession.

### IMPORTANT DATES :

Paper Submission Deadline	20 <sup>th</sup> October 2018
Notification of Acceptance	30 <sup>th</sup> October 2018
Camera Ready Copy Submission & Author Registration	20 <sup>th</sup> November 2018

### REGISTRATION CHARGES (For Max. of 5 pages)

Foreign Author	100 USD
Indian Author (Academician)	3,000 INR
Indian Author (Industrial Expertise)	3,500 INR
Student Author (Research Scholars/ PG/UG)	1,500 INR
Extra Page	500 INR
INR Hard Copy of Proceedings	600 INR

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### ACCOMMODATION

Based on the requests from the delegates paid accommodation will be provided in nearby hotels

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## METHODIST COLLEGE OF ENGINEERING AND TECHNOLOGY

*(Affiliated to Osmania University)*

Abids, Hyderabad, Telangana, India

## 2<sup>nd</sup> International Conference On

## PARADIGMS IN ENGINEERING & TECHNOLOGY

DECEMBER 28-29, 2018



ABOUT THE INSTITUTION

Methodist College of Engineering & Technology (MCET) is a Non-Minority Educational institution, established in the year 2008, over 6.53 acre sprawling campus, situated at Abids, in the heart of City of Pearls, Hyderabad (Capital city of Telangana state). The college is well connected by public transport from every corner of the city.

MCET is imparting Technical education in the branches of Electrical & Electronics Engineering, Electronics & Communication Engineering, Computer Science Engineering, Mechanical Engineering, and Civil Engineering at UG level. In addition, ME in Computer Aided Design and Manufacturing (CAD/CAM) and Master of Business Administration (MBA) courses are also offered. The Department of Mechanical Engineering of MCET is recognized as Research Centre by OU for carrying out research leading to the award of PhD degree. MCET, having a total student strength of about 2000, is approved by AICTE and is affiliated to the hundred years old Osmania University.

MCET strives towards excellence by imparting essential technical skills as well as a holistic approach towards grooming the students into responsible, worthy citizens of the future. Life in Methodist is not just limited to the classroom-teaching, but spins beyond the textbooks to develop character and thus mould the personality of students to carve a niche for themselves in the society. Ultimate goal of Methodist College of Engineering and Technology is to educate and graduate individuals who possess the technical and social competence and confidence to succeed in professional practice and advanced education, to be lifelong learners, and to exercise responsible citizenship.

The main strength of the college is its best and experienced teaching fraternity totalling to about 130, having interest both in teaching and research work, in their fields of specialization. Though the college is only 10 years old, is progressing fast and with its excellent infrastructure and state of the art laboratory facilities, is competing with the established engineering colleges having a long standing. MCET students so far secured, **Three University First Ranks and Gold Medals** in the departments of EEE and Mechanical Engineering. This is an ample testimony for the academic progress and the quality of education offered at the college.

As part of the decennial celebrations of the institution, the present International Conference (ICPET-2018) is being organized.

About the City Of Pearls - Hyderabad, Telangana State - India Hyderabad,

“The Pearl City of India”, is on the banks of River Musi. It was ruled by the Qutub Shahis, Mughals and Nizams that nourished its history. The city is famous for its historical monuments, museums, parks, mosques and temples. It hosted the Global Entrepreneurship Summit (#GES2017) in Hyderabad, a global second home to U.S. giants such as Microsoft, Amazon, Google, Apple and Uber amongst many others, Hyderabad has become a bustling hub for innovation and entrepreneurial activity in the country. The city boasts of a very fine hospitality culture with a range of Hotels / Restaurants to cater to a wide range of choices. City is well connected to Historical places like Ajanta / Ellora / Warangal / Lepakshi / Nagarjuna sagar / Srisailam / Bhadrachalam / Amaravathi, etc.

About ICPET

MCET has initiated the rich journey into academic excellence by hosting the 1st International Conference on Paradigms in Engineering & Technology (ICPET2016) held on March 2-3, 2016, in Hyderabad.

About ICPET-2018

In continuation to the above the present conference titled, 2nd International Conference on Paradigms in Engineering & Technology (ICPET-2018) is being proposed to be held during December 28-29, 2018. 2 nd International Conference on Paradigms in Engineering and Technology (ICPET2018) will provide an international forum for sharing knowledge and experimental results in theory, methodology and applications of recent scientific evolvments in Engineering, Science, and Technology. ICPET-2018 solicits significant contributions in all major fields of the Engineering & Technology in theoretical / practical aspects. Authors are requested to contribute to the conference through their research articles, projects, industrial expertise that highlight significant advances.

CALL FOR PAPERS

Original contributions are solicited on topics covered under broad research areas such as (but not limited to) :

- Artificial Intelligence
  - Big data & Cloud Computing
  - Computer Networks / Data Mining
  - Internet of Things (IOT)
  - Building Materials, Structures and Construction
  - Geotechnical & Transportation Engineering
  - Hydraulics & Water Resources
  - Environmental and Geospatial Technologies
  - Sustainability & Green Technologies
  - Nano Materials and Tech.
  - Energy Storage Techniques
  - Applied Mathematics and Physics
  - Low Power Circuits
  - Advanced Mobile Communication
  - Radio Engineering
  - Advanced Signal Processing
  - System on Chip (SoC)
- Numerical Modelling Analysis /CFD
  - Energy Conservation / Renewable Tech.
  - Power Quality Issues / Bio-Fuels
  - Power System Stability
  - Advancements in Electric Drives
  - Innovations in Control Systems
  - Novelties in Converter Tech.
  - 3-D Printing / Composite Structures
  - Mechanical Vibrations
  - Acoustics & Fluid-Structure Interaction
  - Virtual Instrumentation
  - Polyphase Systems and Component Transformations
  - Direct Energy Conversion / Fuel Cells
  - FEM and FDM with their Applications
  - Advances in Materials & Manufacturing
  - Manufacturing Processes / CAD / CAM
  - Production, Operation and Supply Chain Management & Quality Control
  - Technology Management

MANDATORY NOTE FOR PROSPECTIVE AUTHORS

Papers should not have been previously published nor be currently under consideration for publication elsewhere. Manuscript/s with plagiarism will be rejected without any review/revision process. All papers are refereed through a peer review process subsequent to sophisticated plagiarism checks.

PAPER SUBMISSION

- ❖ Make sure your paper is formatted appropriately as per the given template available in the conference website.
- ❖ All papers must be submitted online via Easy Chair submission portal using the following link: <https://easychair.org/conferences/?conf=icpet20181>
- ❖ Alternatively, authors who are not able to upload in Easy Chair can mail their papers in pdf / doc / docx format to [icpet2018@methodist.edu.in](mailto:icpet2018@methodist.edu.in) in the specified format as prescribed in the conference website.
- ❖ For more details kindly log in to <http://www.icpet.theides.org/> or [www.easychair.org/cfp/icpet-2018](http://www.easychair.org/cfp/icpet-2018)
- ❖ Virtual Presentation (using Skype)

In case, the authors cannot attend the conference physically for presenting their papers, they are encouraged to present through Skype, preferably for authors from outside India.

PAPER PUBLICATIONS

All accepted and registered papers under ICPET-2018 conference will be published as International Journal Publications but not Conference Proceedings. Further, all those papers will be submitted for Possible Indexing in SCOPUS, EICompendex, Springerlink. All the registered papers will be available online with open access.

SERIESTITLES

- ❖ Grenze International Journal of Engineering and Technology (GIJET), e-ISSN:2395-5295, Print ISSN: 2395-5287 UGC Approved Journals:
- ❖ imanager’s Journal on Future Engineering and Technology (JFET), Print ISSN:0973-2632, e-ISSN: 2230-7184
- ❖ imanager’s Journal on Material Science (JMS), Print ISSN: 2347-2235, e-ISSN: 2347-615X
- ❖ imanager’s Journal on Civil Engineering (JCE), Print ISSN : 2231- 1068, e-ISSN: 2249-0779