

Organizing Committee.

The backbone of the event

Chief Patron

Shri R.C. Mittal, Chancellor
Shri Gopal Agrawal, Pro Chancellor
Shri Palash Garg, OSD to Chancellor
Ms. Saloni Garg, Director Promotion & Branding

Patron

Prof. D.K. Patnaik, Vice Chancellor
Prof. D.K. Panda, Pro Vice Chancellor

Conference Chair

Prof. Pramod S. Nair

Conference Co-Chair

Prof. Rajendra K Shukla

Program Chair

Mr. P. Siluvainathan
Prof. V. Ganeshan
Prof. Shilpa Tripathi
Prof. Ajay Kulkarni
Prof. Jitendra Choudhary
Prof. Prashant Panse
Prof. Anil Patidar

Convener

Prof. Santosh S. Raghuvanshi
Prof. Chayan Gupta

Conference Secretary

Prof. Vipin Sharma (Editor)
Prof. Sanjay Mohite (Finance)
Prof. Ram Bansal (Publication)

Prof. Sanjiv Kumar Jain (Tech)

Prof. Chitresh Nayak (Tech)

Prof. Ravindra Pathak (Collaboration)

Prof. Rohini C Kale (Marketing & Promotion)

Technical Program Committee

Prof. Sanket Gupta

Prof. Kalash Chandra Bandhu

Organizing Committee

Prof. KG. Thiruganasambantham

Prof. Rupesh Chalisgaonkar

Prof. Jayesh Padmakar Barve

Prof. Manish Kumar Thakur

Prof. Ramjann Singh

Prof. Amit Vijay Kulkarni

Prof. Prashant Raghuvanshi

Prof. Himanshu Shekhar

Prof. Deepak Porwal

Prof. Neha Verma

Prof. Khalid Ahmad

Prof. Ajit Jain

Prof. Babanpreet Singh

Prof. Alok Rarotiya

Prof. Ruchir Lashkari

Prof. Deepak Jain

Prof. Sachin Putambekar

Prof. Juned S Siddiki

Prof. Vidhya Barpha

Prof. Ubaid I. Hanfee

Prof. Ajay Sinha

Int. Advisory Committee

Prof. Anurag Srivastava, WS University USA

Prof. Brij N. Singh, North Dakota USA

Prof. Kwang Lee, BB University USA

Prof. T K Sarkar, Syracuse University NY

Prof. K. P. Wang, Sydney University Australia

Prof. Bharat Charan Singh, Chairman MPPURC

Prof. Istovan Erlich, DE University Germany

Prof. L. Lai, City University London

Prof. K. N. Srivastava, ABB Sweden

Prof. Ambrish Chandra, Montreal Canada

Prof. Jai Govind, AIT Bangkok

Prof. Fushuan Wen, China

Prof. Maode Ma NTU, Singapore

Prof. Satyendra Chauhan, NIT Jaipur

Prof. Prabin K. Panigrahi, IIM Indore

Prof. Jawar Singh, IITDM Jabalpur

Prof. Mini S. Thomas, JMI New Delhi

Prof. Sanjay Chauhan, GU Greater Noida

Prof. Usha Chauhan, GU Greater Noida

Prof. Ajay Shankar Singh, GU Greater Noida

Prof. S. C. Srivastava, IIT Kanpur

Prof. J. Ram Kumar, IIT Kanpur

Prof. Avedhesh Kumar -PVC, GU

Prof. Vishnu Sharma, Galgotias Gr. Noida

Prof. Akhilesh Sharma, Manipal Jaipur

Prof. Parmanand, SU Gr. Noida

Prof. Rupal Ranpara, Atmiya University

Prof. Shalish Tiwari, ABESCC Ghaziabad

Prof. N. P. Padhy, IIT Roorkee

Prof. Avadhesh Kumar, PVC GU

Prof. Vijay Kumar, University of Missouri

Dr. Manish Jaiswal, Director NATRAX Indore

Prof. O.P. Vyas, IIT Allahabad

Prof. Subrat Sanyal, IIT Kharagpur

Prof. Anupam Shukla, IITM Gwalior

Prof. R.C. Joshi, IIT Roorkee

Prof. Kalyan Bhandopadhyaya, IIT Kharagpur

Prof. Santi Prasad Maity, Professor IEST

Prof. Akhilesh Tiwari, MITS Gwalior

Prof. Sanjeev Tokekar, IET DAVV

Prof. Abhay Dubey, Professor DAVV

Prof. N.S. Choudhary, IIT Indore

Prof. P. Abdullah, CUSAT Kerala

Prof. Abdul Wahid, Maulana Azad Central University Hyderabad

Prof. D. Kannan, CUSAT Kerala

Prof. Vargheese Paul, CUSAT Kerala

Prof. Bhahmaji Singh, Professor NIT

Prof. Ashok Depbhakta, IEEE Senior Member

Prof. Kamal Sethi, CSI Indore Chapter

Prof. Sukumar Mishra, IIT Delhi

Prof. Asheesh Singh, MNNIT Allahabad

Prof. S. K. Singh, IIT Allahabad

Prof. Anil Gupta, Secretary CSI Indore

Dr. Biplob Sikdar, NUS Singapore

Dr. Sukanta Basu, Delft Institute of Technology Netherlands

Dr. Firoz Alam, RMIT University Australia

Dr. Anant Dubey, Curtin University Australia

Dr. M. L. Kolhe, University of Agder (Norway)

Dr. Anand Parey, IIT Indore

Dr. Deepa Mithra, Qatar University

Prof. Akshay Dwivedi, IIT Roorkee

Dr. Ritunesh Kumar, IIT Indore

Dr. Govind Maheshwari, IET DAVV Indore

Dr. N. P. Patidar, MANIT Bhopal

Dr. Y. Kumar, MANIT Bhopal

Dr. Shalendra Kumar Sharma, SGSITS Indore

Dr. R. K. Saxena, SGSITS Indore

Dr. H K Mahiyar, SGSITS Indore

Dr. Amrit Kumar Roy, NIT Hamirpur

Dr. Mayur Shirish Jain, IIT Indore

Dr. R N Singh, DAVV Indore

Prof. Amit Pal, DTU Delhi

Prof. Sagar Maji, DTU Delhi

Dr. Jatinder Kumar, NIT Kurukshetra

Dr. Shweta Rath, NIT Kurukshetra

Dr. J. P. Mishra, IIT BHU

Dr. Ravi Panwar, IIT BHU

Dr. Firoz Alam, RMIT University, Australia.
Dr. Anant Dubey, Curtin University Australia
Dr. Ginbar Ensermu Geleta, Wollega university, Ethiopia
Dr. M. L. Kolhe, University of Agder (Norway)
Dr. Anand Parey, IIT Indore
Dr. Deepa Mithra, Qatar University
Prof. Akshay Dwivedi, IIT Roorkee
Dr. Ritunesh Kumar, IIT Indore
Dr. Govind Maheshwari, IET DAVV, Indore
Dr. N. P. Patidar, MANIT, Bhopal
Dr. Y. Kumar, MANIT, Bhopal
Dr. Shalendra Kumar Sharma, SGSITS, Indore
Dr. R. K. Saxena, SGSITS, Indore
Dr. H K Mahiyar, SGSITS Indore

Dr. Amrit Kumar Roy, NIT Hamirpur
Dr. Mayur Shirish Jain, IIT Indore
Dr. R N Singh, DAVV, Indore
Prof. Amit Pal, DTU Delhi
Prof. Sagar Maji, DTU Delhi
Dr. Jatinder Kumar, NIT Kurukshetra,
Dr. Shweta Rath, NIT Kurukshetra,
Dr. J. P. Mishra, IIT BHU
Dr. Ravi Panwar, IIT BHU
Dr. Ranvir S. Panwar, NIMS, Chandigarh
Dr. Satish Sharma, MNIT JAIPUR
Dr. RK Saket, Professor, IIT(BHU)
Dr. Sanjeev Kumar Padmanaban,
Professor, South Eastern University,
Norway

ABOUT INDORE.

Indore is the largest city in the state of Madhya Pradesh. It is situated on the banks of the River Khan and Sarawati. Indore is known for its architectural splendor. The tales of the glorious past are narrated by these splendid historical monuments and cast a magical spell on the visitors Rani Ahilya Bai Holkar was a great architectural patron and spent a lot of money on the construction of many temples across the nation. Apart from being a historical city, Indore is also the commercial capital of the state of Madhya Pradesh. Indore is a host to many industries, like automobile, textile, IT etc. With latest technological advancements, the city is about to become the IT hub of the state of MP. Other than this, there are a number of educational institutes in Indore which are amongst the best in the country. The first and foremost are IIT & IIM Indore, which are amongst the pioneer institutes in India.



IEEE
Application ID: 68496

IC-EETA'25

International Conference

on

Emerging Engineering Technologies and Application

November 06-08, 2025



COLLABORATIONS

COLLABORATING UNIVERSITIES

OBJECTIVE OF CONFERENCE

The objective of this international conference is to foster a dynamic exchange of knowledge and innovation across the domains of mechanical, civil, electrical and computer engineering. By bringing together leading scholars, industry experts, and visionary practitioners, the conference aims to strengthen academic-industry collaboration and provide a forum for the dissemination of pioneering research, advanced technologies, and future-oriented solutions. Emphasizing interdisciplinary synergy, the event is aimed at addressing pressing global challenges while promoting sustainable, cutting-edge practices. Ultimately, it aspires to contribute to the technological growth and sustainable development of our nation, positioning it at the forefront of global innovation. The conference will feature keynote addresses from eminent personalities in various fields aligned with the theme, including distinguished Indian and international speakers.

ABOUT MEDI-CAPS UNIVERSITY

For more details visit : www.medicaps.ac.in

Medi-Caps University is one of the brand name in the arena of technical education and contributing in making Indore an educational hub. Since its inception in July 2000, the group consistently aims at creating an ideal ambience for budding technocrats and helping them grow like professionals. The main strength of Medi-Caps University is its highly qualified faculty. We have optimal blend of academic brilliance and industry exposure, which is supplemented by highly specialized visiting faculty and industry experts, Medical senior professionals from various segments of different industry/ business houses. This helps in refining the works, candidature of our students from different fields.



CALL FOR PAPER

Original Papers are invited for following Tracks and Sub-Themes

TRACK 1: MECHANICAL ENGINEERING,

Materials Engineering, Thermal and fluid sciences drive advancements in design and optimization. Robotics and mechatronics enhance manufacturing, while tribology and computational mechanics address challenges. Innovations in space exploration support Earth monitoring and commercialization.



TRACK 2: CIVIL ENGINEERING

Sustainable Infrastructure: Smart structures leverage innovations to enhance urban infrastructure. Water resource management, sustainable materials, construction automation, and robotics enable physical resilience. Strategies support performance-based design and climate resilience, while innovative waste management and disaster resilience strategies address urban challenges.

TRACK 3: ELECTRICAL ENGINEERING

Smart grid technologies and energy management enhance renewable energy integration. IoT applications and machine learning support advanced power systems and electric vehicle infrastructure. Innovations in energy storage, wireless communication, and smart sensors drive automation and AI optimizes power systems.



TRACK 4: COMPUTER TECHNOLOGIES AND ITS APPLICATIONS

AI and ML boost data science, while cloud computing enhances scalability and cybersecurity. IoT connects devices, and blockchain secures transactions. Quantum computing and green computing drive digital transformation, with innovations like hyperloop and precision agriculture revolutionizing industries.



TRACK 5: Electronic And Communication

Focuses on cutting-edge research in areas like communication systems, signal processing, embedded systems, telecommunications, VLSI design, and automation.



TRACK 6: THE SPECTRUM OF INDUSTRIAL PRACTICES AND CHALLENGES

Sustainable industry practices focus on eco-friendly methods, circular economy models, and human-centric approaches in Industry 5.0. Addressing global supply chain dynamics, quality management, privacy, security, and environmental impacts is essential, supported by relevant case studies.



Papers:

Full length paper should have the Objective Design/ Methodology/ Approach and Findings Scope for future work/Limitations and References.

Guidelines:

Manuscripts for IC-EETA-2025 will ONLY be accepted in electronic format through cmt online submission system. Do not send hard-copy of your paper. Please submit the paper in format only. If you are unable to submit your contribution through cmt, please send your paper to

Submit your manuscript as per the guidelines.

1. Authors should only submit originally written, unpublished work.

2. Submissions should strictly follow the recommended conference template.

3. All references must follow the format of referencing.

4. Please limit your paper within 6 pages, and the size of your PDF file less than 2MB, files larger than 2MB will not be accepted for upload

Authors wishing to submit an over-length manuscript may do so. There will be an over-length page fee of INR 1500 per page and limited to an



additional 2 pages (maximum page submission is eight (8) pages). This payment will be required after conformation along with final submission

Submit Papers:

Original papers are invited in the following Tracks & papers may be submitted through cmt. <https://cmt3.research.microsoft.com/IC-EETA'25>

Conference Proceeding :

The accepted papers will be published in Scopus indexed conference proceedings. For more details visit: <https://conference.medicaps.ac.in>

Payment Details :

Name of Account: Administrator Medicaps University Bank Name: IDBI BANK 16-C, OMNI PALACE Branch: Ratlam Kothi, Main Road, Indore, Madhya Pradesh Pin - 452001 Account No.: 0001104000600323 IFSC Code: IBKL0000001

Contact Details :

Dr. Vipin Sharma - 94796 28030
Dr. Sanjiv Jain - 98272 82120
Dr. Rohini Kale 70573 29533

IMPORTANT DATES

Abstract Submission Date: March 31, 2025
Full Paper Submission: May 30, 2025
Notification of Acceptance: June 30, 2025
Final Paper Submission: July 31, 2025

Before January 15, 2025

Indian Academician 6000 INR
Student/Research Scholar 4500 INR
International Academician 200 USD
Industrial member 6000INR
Attendees 1000INR

REGISTRATION CHARGES

Indian Academician 8500 INR
Student/Research Scholar 6500 INR
Inte Academician 250 USD
Industrial member 8500INR
Attendees 1000INR