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Registration Guidelines:

At least one author must register with full author registration and present the selected paper in ICETSE - 24 in order to be considered for inclusion in SCOPUS database.

All the accepted and registered conference papers will be published in conference proceedings with ISBN and it will be indexed by scopus.



Key Note Speakers



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Dr. Mohammed Nadeem M
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UG/PG Student (Non-Scopus Index)	Rs 3,000 /-
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Important Dates

Paper submission	15/04/2024
Notification of acceptance	15/05/2024
Last date for registration	20/05/2024
Submission of camera ready paper	25/05/2024
Conference dates	26 th & 27 th June 2024

For Payment Details:

Name : AKSHAYA EDUCATION TRUST
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Paper Submission Link

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For further details : <https://ait-tumkur.ac.in/icetse2024/>



AKSHAYA INSTITUTE OF TECHNOLOGY



First International Conference on Emerging Technologies in Science & Engineering ICETSE-24

26th & 27th June 2024
In Association with (IQAC)

Publisher:



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Lingapura, Obalapura Post
Koratagere Road
Tumakuru- 572106

About AIT

AKSHAYA INSTITUTE OF TECHNOLOGY located in Tumakuru is founded by Akshaya Education Trust with **Dr. Shivakumar K S** as the Chairman of the Institute who is a renowned Paediatrician known for his simplicity, vision and entrepreneurship. Ever since the inception of Akshaya Institute of Technology in the year 2009 with the blessing of Dr. Sri Sri Shivakumara Swamiji of Siddaganga Mutt, the College has gained great momentum to establish itself as one of the reputed institutions in the country. Tumkur is being considered for smart city development program and has a huge industrial township and food park which is generating great job opportunities in multifaceted areas. The campus is spread over 25 acres of land with wide spread buildings and lush green open space. The objective of the institute is to impart high quality engineering education to produce graduates who are globally acceptable. To meet this objective the institute has good academic ambience, highly qualified and dedicated faculty members, well equipped laboratories with state of the art experimental facilities to produce world class engineers. The institute offers under graduate (UG) courses in seven thrust areas of engineering; Mechanical Engineering, Civil Engineering, Computer Science & Engineering, Information science & Engineering, Smart Agritech, Agriculture Engineering and Electronics and Communication Engineering.

About Conference

The conference is intended in bringing out the innovative ideas of academicians in Science and Technology. Researchers, Scholars and Students shall disseminate their original ideas and results to promote research and development activities, professional interaction and lifelong learning. Conference provides a platform to bridge the gap between industry and Academia. It also, focuses on networking people with similar interests to have better solutions to societal problems.

Objectives of the Conference

- Sharing and enhancing of knowledge.
- Networking of researchers working in similar domains.
- Collaborative research.

About Tumakuru

Tumkur, officially **Tumakuru** is a city part of Indian state of Tumkur is situated at a northwest from Bangalore city and capital, along



renamed as Tumakuru. located in the southern Karnataka. distance of 70km from Bangalore, the state's largest city and capital, along NH 48 and NH 73.

It is the headquarters of the Tumakuru district. It is located at an altitude of 835m. Tumakuru hosts India's first mega food park, a project of the ministry of food processing. The India Food park was inaugurated by Prime Minister Narendra Modi in September 2014.

Call for Papers

The conference is open for both academicians (researchers, professors, research associates, research students & other members of students' community) and industry delegates. Original Research Papers, Case Studies are invited on the conference theme in the area of Engineering and Technology.

The broad areas / sub-areas that will be of interest for the conference are: -

Computer Science and Engineering & Allied Branches

Computer Networks and Security | Image Processing Soft Computing | Computer Vision | Internet of Things | Green Computing | Embedded Systems | Mobile Computing

Computer Science and Engineering - Data Science

Data Mining | Cloud Computing | Big Data and Analytics | Information Retrieval | Data Centre | Networking | Deep Learning | Hadoop | Data Analytics | Data Visualization | Text Mining

Computer Science and Engineering - AI & ML Cyber Security

Neural Networks | Natural Language Processing | Robotics | Deep learning | Reasoning | Problem Solving | Cognitive Computing

Civil Engineering

Environmental engineering | Structural Engineering | Highway & Transportation | Earthquake resistance Structure & Design of tall structures.

Basic Science

Nanotechnology | Photonics | Thin films | Astrophysics and Astronomy | Theoretical Physics | Properties of Matter | Quantum Theory | Nuclear Physics | General theory of relativity | Organic Chemistry | In-Organic Chemistry | Physical and Analytical Chemistry | Complex analysis & graph theory.

Agriculture Engineering & Smartagri Technology

Advances in Farm Mechanization | Food Process Engineering Technology/Value addition Technology | Soil & Water Conservation | Engineering/Land and Water Management Technologies
Smart Agriculture Technologies: Drones in Agriculture, Artificial Intelligence in Agriculture (AI) | The Internet of things for Agriculture (IoT) | Robotics in Agriculture & Indoor Farming Technologies.

Electronics and Communication Engineering

Signal and Speech Processing | Computational Intelligence Digital Multimedia Systems | Optical Communications Satellite Technology | Wireless Networks | Embedded Systems | VLSI for DSP | Biometric Applications | Computer Networks | Embedded systems and RTOS | Sensor networks and smart sensors | Wireless Communication

Mechanical Engineering

Mechanical Design and Manufacturing | Sustainability and Energy Conservation | Composites, Smart Materials and their Machining | Nano Materials and Manufacturing | Thermal Engineering | Automation and Robotics | Advances in Automobile Industry | Quality Management and Optimization Tribology | Vehicle Dynamics | Fracture Mechanics and Stress Analysis | Noise and Vibration | Mechatronics | Heat Treatment and Surface Engineering | Modelling and Simulation Concepts in Manufacturing | Maintenance and Machine Diagnostics.

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