



K.S. INSTITUTE OF TECHNOLOGY

(Approved by AICTE, New Delhi; Affiliated to VTU, Belagavi, Karnataka, Accredited by NBA & NAAC)

#14, Raghuvanahalli, Kanakapura Road, Bengaluru - 560109

INTERNATIONAL CONFERENCE ON RECENT INNOVATIONS IN ENGINEERING SCIENCE AND TECHNOLOGY

RIET 2025

11th & 12th April 2025



Organized by :
K S Institute of Technology
in association with
K.S. Research and Innovation Foundation



Vision

To impart quality technical education with ethical values, employable skills and research to achieve excellence.

Mission

- To attract and retain highly qualified, experienced and committed faculty.
- To create relevant infrastructure
- Network with industry and premier institutions to encourage emergence of new ideas by providing research and development facilities to strive for academic excellence
- To inculcate the professional and ethical values among young students with employable skills and knowledge acquired to transform the society

About KS Institute of Technology

K. S. Institute of Technology was established in the year 1999 by the Kammavari Sangham with a commitment to provide value based technical education. KSIT is strategically located at No.14 Raghuvanahalli, Kanakapura Main Road, Bengaluru. The Institute has modern infrastructure with state-of-the art equipment and laboratory facilities, well qualified faculty and an impressive placement record. The objective of KSIT is to impart quality education to students and enable them to develop the abilities of problem solving, creative thinking and adaptability in their chosen field. KSIT is NAAC accredited with A*.

About the Conference RIET – 2025

Welcome to the international conference on recent innovations in engineering sciences and technology RIET-2025 being organized by department of computer science & Engg., Electronics communication Engg , Mechanical engg, Applied science & humanity in association with KSRIF .

The conference RIET-2025 Offers a platform for leading academicians, researchers, industry professionals, postgraduate fellows, research scholars and students to present & discuss their innovative ideas , research findings and practical experiences.

As a part of Continuous Knowledge sharing process,RIET-25 ensures that international speaker will deliver keynote talks on recent technologies and potential product development all peer reviewed, selected and presented papers from the conference will be submitted for inclusion injournal.

We look forward to seeing you at the conference.

Call For Papers

Prospective authors are encouraged to submit quality and original research papers for presentation at the Conference. Authors are requested to submit their manuscripts in PDF format not exceeding 6 pages in A4 size through online submission at Microsoft CMT - on or before 30th July 2024. The manuscript should follow the standard IEEE template. The format of the paper can be downloaded in the link below

<https://www.ieee.org/conferences/publishing/templates.html>.

All submissions for the conference will be handled electronically and submitted papers will be peer-reviewed by domain experts. To submit the papers,

Conference Tracks

Authors are invited to submit their original research work in the following areas (but not limited to)

Track 1: CSE: Next-Generation Computing

- Artificial Intelligence& Automation
- Intelligent Sensing
- Advances in NLP and Pattern Detection
- AR and VR Applications
- Wireless Sensor Networks and it's Applications
- Cloud Computing and Services
- Data Science and Data Mining
- Cybersecurity and Cryptography
- Multimedia Information Processing
- Computer Vision and its Applications
- Sentiment Analysis
- Biometric Technologies and Forensic Science
- Exploring Machine Learning and Deep Learning techniques
- Review of Innovations in Computer Science and their Applications

Track 2: ECE. Innovations in VLSI, Embedded Systems and Communication

- Advances In Low-Power VLSI And Nano-Technology For ASIC/FPGA .
- Mixed-Signal Design In VLSI
- Energy-Efficient Automotive Embedded Systems: Design, Testing, And Validation"
- Advanced Wireless Communication Technologies For 5G, 6G, And Free Space Communications
- Microwaves for Advanced Communication Systems
- Advanced Antennas for Newgen Communication Systems
- Applications of Machine learning in Network Security and Hardware Privacy Solutions in wireless & Optical Communication
- Deep Learning techniques used in Audio &Biomedical Signal Processing
- Pattern Recognition in Computational Imaging".
- Applications of IoT and Big Data in Industry automation & Processing
- Innovations in Sensor and Sensing systems in Ad Hoc Networks
- Application of DIGITAL TWINAND METAVERSE in communication system

TRACK 3: Mechanical Engineering Frontiers: Breakthroughs & Progress

- Advances in Robotics for bio-medical applications
- Artificial Intelligence in Design Optimization
- Autonomous Driving system
- Renewable & Sustainable energy technologies
- Advance Materials for Functional applications (Composites, FGMs, Smart materials, Nanomaterials)
- Additive Manufacturing & 3D Printing
- Sustainable & Eco-friendly Manufacturing Practices
- Latest developments in ICE, Battery and Hybrid vehicle technologies
- Noise Vibrations and Harshness(NVH)
- Super Alloys for aerospace application
- Analytical & Mathematical Modeling of thermal systems
- Finite element analysis & simulations
- Unmanned aerial vehicles
- Industrial waste management
- Industrial Automation and Ergonomics

TRACK 4: Pioneering Innovations in Applied Sciences

- Advanced Nanomaterials
- Electrochemistry
- Computational Chemistry
- Sustainable materials and Green Chemistry
- Condensed Matter Physics and Materials Science
- Material Characterization Technique
- Renewable Energy and Sustainable Materials
- Quantum Computing and its Applications
- Fluid Dynamics
- Graph Theory
- Optimization and Operations Research
- Differential Equations
- Numerical Analysis

Submission Guidelines:

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- To submit the papers, use the Microsoft CMT Link mentioned below:
<https://cmt3.research.microsoft.com/CSITSS2024>

Registration:

Authors and participants are requested to download the registration form from the conference website and submit the filled form to the Email ID: csitss2024@rvce.edu.in

Registration Fee

Categories	Early Bird	Standard		
Indian Authors member	IEEE Member	Non - IEEE Member	IEEE Member	Non IEEE Member
Graduate student/Research scholar/Academician/Industry	Rs.5,000/-	Rs. 6000/-	Rs. 6000/-	Rs. 7000/-
Foreign Author's	\$80	\$120	\$100	\$150

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SCANNER



Important Dates

- Last date for Manuscripts20th January 2025
- Notification of Acceptance20th March 2025
- Last date to submit camera – ready Manuscript28th March 2025
- Last date for Registration28th March 2025
- Conference Dates11th & 12th April 2025

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