

About the conference

The theme of the conference “Leveraging Sustainable Technology and Innovations in the Digital World”. It is planned as an interaction forum for Academicians, Researchers and Industry Experts across the globe in the area of trending and future technologies. The RASEFT-24's envision is to stimulate and share the latest research endeavours in various domains of computer science. like Technologies for Learning and Automation, Technologies for Networks and Security, Technologies for Logic and computing, Technologies for Advances in Applications, Signal Processing Techniques, Communications, Embedded Systems & Internet of Things (IoT), VLSI Design and Circuits, RF Circuits, Antennas and Microwave Engineering, Power, Energy and Control Engineering, Transportation and Energy Storage.

About IEEE Hyderabad Section

IEEE Hyderabad Section is one of the most active sections of IEEE in India. IEEE sub-Section was formally launched in IEEE Hyderabad in June 1981, and promoted to a full Section in 1984. Today there are 11 chapters and three affinity groups in Hyderabad section. IEEE Hyderabad Section is proud recipient of the awards like MGA Award, R10 Award, CS Award, PES Award, IC Awards, etc. in past years for continued Valuable Services and Contribution to the Societal benefits.

Matrusri Education Society

Matrusri Education Society was founded in 1980 by a group of visionaries and philanthropists such as Arshadharmasri Late Sri Maturi Venkata Subba Rao as Founder Secretary, Sri Maturi Gopala Rao, the Architect of Nagarjunasagar Dam as Founder Chairman. The Society first established Maturi Venkata Subba Rao Engineering College or MVSRE Engineering College (MVSREC) in 1981 in Nadergul and Matrusri Engineering College in 2011 in Saidabad. Both the colleges are affiliated to Osmania University.

Maturi Venkata Subba Rao (MVSRR) Engineering College

Maturi Venkata Subba Rao (MVSRR) Engineering College, an Autonomous Institution now. Over the years it has grown in stature and is presently acknowledged as a premier technical institute in Telangana. The college offers B.E. Degree courses in Civil, ECE, EEE, CSE, CSE (AI&ML), CSE (DS), CSE (IoT & Cyber Security including Blockchain Technology), CSIT, IT and Mechanical Engineering disciplines. The courses are affiliated to Osmania University and are approved by AICTE. The college is NAAC accredited. The college also has Post-Graduate courses in M.E. [Mech - (CAD / CAM)], ECE (Embedded Systems & VLSI Design)], M.Tech (CSE), M.E. [Civil - (Structural Engineering)] and MBA. The college is also a recognized Research center for Ph.D. (CSE, ECE & MECH) by Osmania University.

Matrusri Engineering College

The Matrusri Engineering College was instituted by the society in Saidabad campus with an idea of opening an engineering college in the metro. The college offers courses in Civil Engineering, CSE, ECE, EEE, IT and Mechanical. Every effort is made to ensure that the students are trained in technical skills while inculcating in them a sense of social responsibility, in tune with the vision and mission of the college.

Conference Topics (Not limited to.)

Track-0:: Sustainable Engineering and Future Technologies

- Digital Inclusion and Sustainability, Automation and Sustainability, Renewable Energy and Advanced Storage Solutions, IoT and Smart Infrastructure, Circular Economy Technologies, Education and Skill Development for Sustainability

Track-1: Technologies for Learning and Automation

- Big Data Analytics, Bioinformatics and Intelligent Information Processing,
- Data Centric Programming, Data Modelling & Semantic Engineering, Data, Text, Web Mining, & Visualization, Domain Specific Data Management, Knowledge Engineering

Track-3: Technologies for Logic and computing

- Agent Based System, Critical thinking, Mathematics and Statistics for Computer Science,
- Discrete structure and Game theory, Computing Architectures and Systems, Software and Database Systems.

Track-5: Signal Processing Techniques

- Image and Video Processing,
- Multimedia Signal Processing,
- Speech signal Processing,
- Multi-rate Signal Processing, Signal Processing Algorithms,
- Pattern Recognition and Object Tracking

Track-7: Embedded Systems & Internet of Things (IoT)

- Security, Privacy and Trust in IoT / Embedded Systems, IoT Strategic Research & Innovations, Edge Computing for IoT, Smart system design using IoT, Embedded RTOS,
- Embedded and IoT Applications

Track-9: RF Circuits, Antennas and Microwave Engineering

- RFIC (Radio Frequency Integrated Circuit) Design,
- Antenna Design and Characterization, Microwave Filters and Passive Components, Microwave Imaging and Sensing

For any queries contact

- S. Lakshminarayana, Chair, Organizing Committee, sln@ieee.org
- Conference Secretaries
- D. Hari Krishna, durgamharikrishna@ieee.org
- B. Saritha, sarithasamath@ieee.org

Track-11: Transportation and Energy Storage

- Role and Operation in Grids and Microgrids, Plug-in vehicles and low-carbon transportation alternatives, Power Electronics and motor control for EV applications.

Track-2: Technologies for Networks and Security

- Emerging Networking technologies,
- High Speed Networks
- Network Administration and Management,
- Wireless sensor Networks,
- Cryptography and Network Security, Cyber Security and Digital Forensics

Track-4: Technologies for Advances in Applications

- Python Application,
- Natural Language Processing, AR/VR,
- Human Computer Interface,
- Computer Vision, Healthcare
- Banking & Finance, E-commerce, Transportation.

Track-6: Communications

- Communication Systems and networks, Antenna Design and Characterization,
- Machine Learning/AI/Big Data/Cloud Computing for Wireless Communication,
- Millimeter-Wave and Terahertz Devices.

Track-8: VLSI Design and Circuits

- Semiconductor devices & Modeling
- Low-Power VLSI Design Techniques
- High-Performance Multi-core VLSI Architectures
- Analog and Mixed Signal ICs

Track 10: Power, Energy and Control Engineering

- Power System Operation, Stability and Control, Power System, Reliability, SCADA, Role and Operation of Grids and Smart Grids, Micro, Nano & Pico Grids, Power Quality Issues and Power Factor Correction.



Matrusri
Education Society



Matrusri Engineering College



Maturi Venkata Subba Rao (MVSRR) Engineering College

A CONFERENCE

ON

RECENT ADVANCES IN SUSTAINABLE ENGINEERING AND FUTURE TECHNOLOGIES

RASEFT 2024

THEME:
LEVERAGING SUSTAINABLE TECHNOLOGIES AND INNOVATIONS IN THE DIGITAL WORLD

IEEE Conference
#61414



Scheduled from

27th Dec 2024 - Pre Conference at MEC
28-29th December 2024 Conference at MVSREC

Organized by [Matrusri Education Society](https://matrusrisociety.org/)

Hosted by

Maturi Venkata Subba Rao (MVSRR) Engineering College

Technically Co-Sponsored by

IEEE Hyderabad Section

FOR MORE DETAILS VISIT OUR CONFERENCE WEBSITE:

<https://raseft-2024.matrusrisociety.org/>

RESEARCH PAPERS SUBMISSION

LINK: <https://cmt3.research.microsoft.com/RASEFT2024>

PAPER LINK

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

CONFERENCE EMAIL:

raseft2024@mvsrec.edu.in

Hosted by Maturi Venkata Subba Rao (MVSRR) Engineering College (AUTONOMOUS)
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[Google Maps](https://www.google.com/maps)

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- B. Saritha, Assoc Prof, CSE, MVSREC, IEEE MVSRSB CS Advisor

Instructions to Authors

At least one of the authors of every accepted paper must register for the conference as author and present the paper in order for it to be included in the conference proceedings of RASEFT2024, and subsequent submission to IEEE Xplore® digital library.

If more than one author of an accepted paper wishes to attend the conference, all such authors need to be registered separately by paying applicable registration fee.

- Additional authors (other than those who are included in the manuscript submitted for review) cannot be added to the camera ready paper.

Non-refundable registration fee must be paid prior to uploading the final IEEE formatted, Camera-ready version of the paper and copyright form.

- Every accepted paper can have up to 6 pages in the final PDF.

For more Information : <https://raseft-2024.matrusirisociety.org/>

Registration Details

Category/Rates in INR	Early Bird Registration		Late Registration	
	IEEE	Non-IEEE	IEEE	Non-IEEE
Author (Academia)	6500	7500	7500	8000
Author (Industry)	8000	9000	9000	10000
Author (Student)	4000	4500	5000	6000
Non-Author Attendee	4000	5000	6000	7000
Author Additional Paper Rate*	2000/Paper	2000/Paper	3000/Paper	3000/Paper

* Every accepted paper can have up to 6 pages in the final PDF

Important Dates

Manuscript Submission last date	30th Jun 2024
Notification of Acceptance of Manuscripts	15th Sep 2024
Submission of Special Session/Workshop/Tutorials Presentation closes	1st April 2024
Notification of Acceptance of Special Session/Workshop/Tutorials Presentation	1st June 2024
Camera Ready Paper Submission	30th Sep 2024
Early bird Registration Starts	1st Oct 2024
Early bird Registration Closes	31st Oct 2024
Closure of All registrations	30th Nov 2024
Pre-Conference at MEC	27th Dec 2024
Conference at MVSREC	28th Dec 2024 & 29th Dec 2024

Refund Policy

All registration fees covering a paper are non-refundable. For registration fees not covering a paper, a full refund, after Rs 1000 processing fee, will be given, provided the request is applied for prior to the last day of the Registration Last date.

Keynote speakers

- Deepak Mathur- IEEE Member and Geographic Activities, Vice President-Elect
- A. Alpones – Associate Prof- Singapore [NYN]
- N.V.S.N. Sarma- Director-IIIT Tiruchirapally
- S. Sudrasan, Senior Machine Learning Engineer/ ECE/INTEL Corporation, Sanjose, CA-USA
- S.Tushara, Faculty, Georgia State University, Atlanta, USA
- B.S.Murthy, Director, IIT Hyderabad
- Bidyadhar Subudhi -Director-NIT Warangal

Special Sessions

Proposals for special sessions are required to contain the following information:

- Title for the proposed special session
- One page summary of the special session including its motivation and goals
- List of organizers (names, affiliations, e-mail ids, mobile numbers and short bio).

For more details, visit : <https://raseft2024.matrusirisociety.org/>