

1st International Conference
on
Recent Trends in Engineering &
Management Science
(ICRTEM-2024)

Organized by



SAI SPURTHI INSTITUTE OF TECHNOLOGY,
SATHUPALLY

In association with



NEWZEN INFOTECH, HYDERABAD

www.icrtem.com | www.saispurthi.ac.in

ABOUT SATHUPALLY:

Sathupally is one of the major places in the Khammam district in Telangana state, it is the cluster of seven (saath) villages. This most fortunate place is 80Km from Khammam and 279 Km from Hyderabad. This place is infused with blessings of lord Shiva located at Niladri, rich with flora and fauna, presence of Singareni coal mines and budding Industries. The former chief minister of Andhra Pradesh, Sri. Jalagam Vengal Rao belongs to this place. A Thermal power station and other industries are being developed in and around Sathupally. This is the fastest developing town in Khammam dist as this town is a junction for more than 100 villages.

In addition to its economic vibrancy, Sathupally cherishes its cultural heritage. The town celebrates various festivals and cultural events with great enthusiasm, showcasing traditional music, dance, and local cuisines that reflect the region's cultural diversity. Its warm and hospitable community makes visitors feel welcomed and adds to the town's allure.

Education plays a significant role in Sathupally's development, with several schools and colleges catering to the educational needs of the local population. This focus on education reflects the town's commitment to nurturing its future generations and empowering them with knowledge and skills.

As Sathupally evolves, it continues to embrace modernity while preserving its cultural roots, creating a harmonious blend of tradition and progress. The town's strategic location, coupled with its natural beauty and growing economic prospects, positions it as a promising destination for both residents and visitors alike.

ABOUT COLLEGE:

The Sai Spurthi Institute of Technology (SSIT) was established in 2001 by the Vipassana Educational Trust, Hyderabad. SSIT is located in Sathupalli, Khammam district, Telangana, India. It is located beside state highway (Khammam – Rajamundry), at distance of 7km (4.3mi) from Sathupalli towards Rajamundry. The college was affiliated to Jawaharlal Nehru Technological University, Hyderabad and Approved by AICTE, Delhi. The chairman of the college is Dr. B. Partha Sarathi Reddy, the CMD of Hetero Drugs, and the secretary is Sri D. Prabhakar Reddy. The motive behind establishing the college was to impart quality technical education to the rural people and to uplift the talent of economically backward students to greater levels.

SSIT boasts a dedicated faculty comprising experienced educators and industry experts who are committed to nurturing the next generation of innovators and problem-solvers. The institute emphasizes a multidisciplinary approach, encouraging students to explore diverse facets of their chosen fields and fostering an environment that promotes research, innovation, and entrepreneurship. One of SSIT's strengths lies in its state-of-the-art infrastructure, equipped with modern laboratories, well-stocked libraries, and advanced facilities that complement the academic curriculum. The institution prioritizes hands-on learning experiences, providing students with ample opportunities to apply theoretical knowledge to real-world scenarios.

Beyond academics, SSIT places a strong emphasis on holistic

development. The institute encourages students to engage in extracurricular activities, clubs, and social initiatives, fostering leadership qualities, teamwork, and a sense of social responsibility among its student body.

SSIT's alumni stand as a testament to its success, making significant contributions in various industries and sectors globally. The institute maintains strong connections with its alumni network, creating avenues for mentorship, career guidance, and continued learning for current students.

In essence, Sai Spurthi Institute of Technology stands as an institution dedicated to nurturing future leaders in the ever-evolving landscape of technology and innovation. With its focus on academic excellence, practical learning, and overall personality development, SSIT continues to inspire and empower the aspirations of countless students, shaping a brighter future for the society and the nation

Vision

To make the students achieve highest standards of quality technical education adaptable to suit the present-day requirements in the fields of science and technology and to mold them morally into persons of character and integrity.

Mission

To awaken the students to the reality of identifying their hidden potentials and talents through meticulous and systematic grooming to gain the spirit and inventiveness to build a career full of glorious prospects and eventful future.

Quality Policy

To provide an industry need education through high quality knowledge transfer with excellent skills at par with international standards to get good placements.

ABOUT THE CONFERENCE:

The 1st International Conference on Recent Trends in Engineering & Management Science (ICRTEM-2024), a premier platform bringing together innovators, scholars, researchers, and industry experts from around the globe. Set against the backdrop of cutting-edge advancements and evolving trends, ICRTEM-2024 serves as a nexus for fostering interdisciplinary discussions and sharing groundbreaking insights in the realms of engineering and management science. This prestigious conference serves as a vibrant hub where academia meets industry, igniting conversations that drive progress and innovation. With a focus on exploring emerging technologies, novel methodologies, and transformative strategies, ICRTEM-2024 is poised to uncover new vistas and catalyze the exchange of ideas that shape the future of these dynamic fields.

Join us as we delve into thought-provoking keynote sessions, engaging panel discussions, and in-depth presentations by thought leaders, addressing the multifaceted challenges and opportunities shaping the landscape of engineering and management science in today's interconnected world. Through collaborative exploration and knowledge sharing, ICRTEM-2024 aims to chart a course towards sustainable solutions, pushing the boundaries of what is possible and inspiring the next wave of breakthroughs.

We invite you to be part of this intellectually stimulating and

enriching experience, where innovation converges with expertise, fostering a vibrant community committed to driving progress in engineering and management science.

CHIEF PATRON:

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PATRONS:

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Correspondent of SSIT

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WHO CAN PARTICIPATE

- Academicians
- Research Scholars and Students
- Entrepreneurs
- Professionals
- Industry / Business executives

CALL FOR RESEARCH PAPERS / CASE STUDIES:

Authors are invited to submit their original and unpublished manuscripts based on empirical research, experiences, reviews, promising ideas that demonstrate research focusing on main theme and sub themes of the International Conference. All submitted work should mandatorily have similarity index below 15%.

-: SUB THEMES :-

- ✓ Neuromorphic systems
- ✓ Biometrics
- ✓ Artificial Intelligence
- ✓ Blockchain Technology
- ✓ Cloud Computing
- ✓ All Computing Paradigms
- ✓ Internet of Things
- ✓ Machine Learning
- ✓ Deep Learning
- ✓ Neural Networks
- ✓ Sentiment Analysis
- ✓ Smart Cities
- ✓ Information and communication technology
- ✓ Ambient Assisted Living
- ✓ Predictive modeling
- ✓ Smart Healthcare
- ✓ Intelligent Transportation
- ✓ Computer vision and pattern Recognition
- ✓ Sensing and Sensor Network
- ✓ Affective computing
- ✓ Forensics computing and security
- ✓ Agents and Multi-agent Systems
- ✓ Context-aware pervasive systems
- ✓ Forensics computing and security
- ✓ Expert Systems
- ✓ Computational Intelligence
- ✓ 5G and 6G network, cyber security
- ✓ Natural Language Processing
- ✓ Computational Cognitive Sciences
- ✓ Web Intelligence and Computing
- ✓ Multi-Agent Systems
- ✓ Human-Computer Interaction
- ✓ Data Mining and Knowledge Discovery
- ✓ Intelligent E-Learning Systems
- ✓ Speech/Signal/Image Processing
- ✓ MEMS
- ✓ Wireless communication
- ✓ Multimedia Processing
- ✓ Nanotechnology
- ✓ VLSI & Embedded system design
- ✓ Power electronics & energy Efficient Drives
- ✓ HVDC/FACTS
- ✓ Power Quality improvement Techniques
- ✓ Renewable energy sources
- ✓ Smart grid technologies
- ✓ Hybrid Vehicles
- ✓ Power systems and Energy Efficient Drives
- ✓ Design/ Material Characterization
- ✓ Production and Industrial Management
- ✓ Thermal Science and Engineering
- ✓ Robotics
- ✓ CAD/CAM
- ✓ Bio Fuels & Hybrid fuels
- ✓ Green Energy
- ✓ Marketing Management
- ✓ Finance and Accounting
- ✓ Human Resource Management
- ✓ Corporate Communication
- ✓ Cross Cultural Management
- ✓ Disaster Management
- ✓ Innovation And Creativity
- ✓ Public Private Partnership
- ✓ Strategic Management
- ✓ Supply Chain Practices
- ✓ Enterprise Resource Planning
- ✓ Economies of Entrepreneurship
- ✓ Entrepreneurial Finance
- ✓ Entrepreneurship Education
- ✓ Rural Entrepreneurship
- ✓ Social Entrepreneurship.
- ✓ Technological Forecasting and Social Change.
- ✓ Chemical Engineering
- ✓ Mathematics and Geological
- ✓ English Language
- ✓ Clinical Research

GUIDELINES FOR MANUSCRIPT PREPARATION AND SUBMISSION:

- ❖ Papers / Case Study must be based on themes and sub-themes of the conference.
- ❖ Submission of paper should be in word document only.
- ❖ Word Limit: Total word limit for each paper should be between 4000 - 6000 words.
- ❖ First Page: Title, Author (s), Name(s) and Affiliation (s) with email id, Abstract (200 words approx), Keywords (5) followed by main text.
- ❖ For paper template please go through: <https://icrtem.com/downloads/>

IMPORTANT DATES

Abstract submission	:	20 th Jan 2024
Full Length Paper submission	:	5 th Feb 2024
Full Length Acceptance	:	15 th Feb 2024
Registration Fee	:	18 th Feb 2024
Conference Date	:	1 st & 2 nd Mar 2024

Registration Form: <https://icrtem.com/register/>

(or)

Submit your Paper to: icrtem24@gmail.com

REGISTRATION FEE:

DELEGATE TYPE	INDIAN (INR)	FOREIGN(USD)
Academician/ Faculty Members/ Ph.D/Research Scholars/ UG/PG Students	₹2500	\$50
Industry Delegates	₹3000	\$60
Payment deadline: 18th Feb 2024		

- ✓ *Registration fee is non-refundable and includes admission to all plenary sessions, paper presentation tracks, e-proceedings book with ISBN and Participation certificate.*
- ✓ *All accepted papers will be published in UGC care Journal Special Issue*
- ✓ *After the successful Registration Payment, Share the transaction receipt, copyright form, author declaration form with all authors signatures.*

PAYMENT MODE - NEFT DETAILS

Name : R&D Cell, Sai Spurthi Institute of Technology
Account Number : 42526460617
Bank Name : State Bank of India
Branch Name : Gangaram, Sathupally, Khammam
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