SREE CHAITANYA COLLEGE OF ENGINEERING
AUTONOMOUS
KARIMNAGAR

International Conference on Advanced Engineering , Management and Intelligent Systems (ICAEMI-2027)

SCIENCE • ENGINEERING • MANAGEMENT | 12–13 FEBRUARY 2027 | www.icaemi.com

SREE CHAITANYA COLLEGE OF ENGINEERING

Karimnagar, Telangana, India

About SCCE

Sree Chaitanya College of Engineering (SCCE), Karimnagar, is a well-established institution offering technical education since 2004. Approved by AICTE, accredited by NAAC "A" and affiliated to JNTUH, the college offers undergraduate programmes in Computer Science and Engineering, Computer Science and Design, Civil, Electrical and Electronics, Electronics and Communication, and Mechanical Engineering, along with postgraduate courses including M.Tech., MBA and MCA. SCCE emphasizes academic foundations, modern laboratories, experienced faculty, industry-oriented learning, skill development and overall growth.

About the conference

The theme of ICAEMI-2027 represents the convergence of science, engineering and management in shaping a transformative global future. It highlights how emerging technologies, advanced engineering solutions and innovative management practices are redefining industries, economies and social systems. The conference promotes sustainable development, digital transformation, inclusive growth, responsible innovation and interdisciplinary collaboration.

Call for papers

Original research contributions are invited from researchers, academicians, industry professionals and students across the conference tracks.

Paper submission: icaemi2027@gmail.com

Track 1 | Science & Applied Sciences

Theme: Advanced Materials, Environmental Analysis & Computational Sciences

- Smart materials & nanomaterials for engineering applications
- Green chemistry, biomaterials & biodegradable polymers
- Climate change modelling and adaptation strategies
- Remote sensing & GIS for environmental monitoring
- Quantum materials and photonics
- Biotechnology innovations
- Computational sciences, simulation & high-performance computing

Track 2 | Engineering & Technology

Theme: Intelligent Systems, Resilient Infrastructure & Future Technologies

Civil & Environmental Engineering

- AI/ML for structural health monitoring & predictive maintenance
- Disaster resilience, climate-resilient infrastructure & digital twins
- Sustainable construction materials
- Advanced geotechnics and ground improvement
- Smart transportation & urban mobility
- Water, wastewater & solid waste management
- Green buildings, LCA/LCCA & carbon-neutral infrastructure

Mechanical & Manufacturing Engineering

- Robotics, automation, mechatronics & Industry 4.0
- Advanced machining, additive manufacturing & digital fabrication
- Thermal engineering for energy efficiency
- AI-driven product design and simulation
- Materials–mechanics integration

Electrical & Electronics Engineering

- Smart grids, microgrids & renewable energy integration
- IoT, embedded systems & cyber-physical systems
- Power electronics for clean energy
- Electric vehicles, charging infrastructure & storage
- Signal processing & real-time control systems

Computer Science & Information Technology

- Generative AI, LLMs & responsible AI
- Cybersecurity, blockchain & digital trust
- Cloud computing, edge computing & digital ecosystems
- Big data analytics & intelligent decision systems
- AR/VR, metaverse & digital learning technologies

Track 3 | Management & Entrepreneurship

Theme: Leadership, Innovation & Sustainable Business Strategies in the Digital Era

- Digital transformation & business intelligence
- FinTech, blockchain & digital economy
- Green management & ESG practices
- Innovation, entrepreneurship & startups
- Strategic HR in the gig and AI economy
- Supply Chain 4.0 & logistics innovation
- Smart marketing and digital branding
- Public policy, governance & smart cities

Conference leadership

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Important dates

Paper submission for last date	30 January 2027
Conference dates	12–13 February 2027

Registration fee

Academicians (Faculty & Research Scholars)	INR 1200/-
Participants	INR 800/-
Students (UG & PG only)	INR 1200/-
Foreign Delegates	$ 50

Venue & contact

Sree Chaitanya College of Engineering, Karimnagar, Telangana, India.

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