

5th Indian International Conference on Industrial Engineering and Operations Management

(as a part of VIT's Ruby Jubilee Celebrations)

November 06-08, 2025

Vellore Institute of Technology (VIT), Vellore, Tamil Nadu, India

Organized by

IEOM Society International

21411 Civic Center Dr., Suite # 205 Southfield, Michigan 48076, USA.

Email: info@ieomsociety.org

School of Mechanical Engineering

Vellore Institute of Technology, Vellore

Vellore – 632014, Tamil Nadu, India

&

VIT Business School

Vellore Institute of Technology, Vellore

Vellore – 632014, Tamil Nadu, India

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About the Conference

IEOM Society International is organizing the 5th Indian International Conference on Industrial Engineering and Operations Management in Vellore, India during November 6-8, 2025. It is hosted by Vellore Institute of Technology University (VIT University). Previous IEOM India International Conferences were held in Bengaluru (2021), Warangal (2022), New Delhi (2023) and Hyderabad (2024). The conference will provide an opportunity for industry professionals, academicians, researchers, and practitioners to exchange ideas and explore recent developments in the field of Industrial Engineering and Operations Management. The conference is also expected to foster networking, collaboration, and joint effort among the conference participants.

About IEOM Society International

The IEOM Society International, a non-profit professional organization registered in Michigan, USA, is a premier global platform dedicated to the advancement of industrial engineering and operations management discipline for the betterment of humanity. IEOM is a global platform for academics, researchers, scientists, and practitioners to exchange ideas. Most importantly, it provides insights into the latest technologies, tools and advancements in the fields of Industrial Engineering and Operations Management. The IEOM Society has successfully planned and organized international conferences around the world. The IEOM Society currently has 250 student chapters in 55 countries. There are 151 countries from six continents participating in various IEOM Society activities. The IEOM Global Community has more than 25,000 members.



About Vellore Institute of Technology

Vellore Institute of Technology (VIT) was founded in 1984 as Vellore Engineering College by Honourable Founder and Chancellor Dr. G. Viswanathan. University status was conferred in 2001 by MHRD Govt. of India in recognition of its excellence in academics, research and extracurricular initiatives.

Ranking & Accreditation

- Vellore Institute of Technology (VIT) has emerged as one of the best institutes of India and is aspiring to become a global leader. Quality in teaching-learning, research and innovation makes VIT unique.
- VIT ranked 142nd in the World and 9th in India in Engineering and Technology category (QS World University Rankings by Subject 2025)
- Mechanical Engineering at VIT Ranked 201 – 250 in the World and 10th in India (QS World University Rankings by Subject 2025)
- 10th best University, 13th best research institution and 11th best engineering institution in India (NIRF Ranking, Govt. of India 2024)
- 2nd in India and 501- 600 in the world (Shanghai ARWU ranking 2024)
- NAAC Accreditation with A++ grade (3.66 out of 4)
- Ranked 396th in the world and 8th in India (QS World University Rankings: Sustainability 2025)



About School of Mechanical Engineering

The School of Mechanical Engineering, established in 1984, is one of VIT Vellore's pioneering engineering schools. The school provides three undergraduate degrees, five postgraduate programs, and research opportunities. According to the QS World University Rankings by Subject 2024, Mechanical and Manufacturing Engineering at VIT is in the top 8-10 in India and 201-250 globally. The school has signed several Memoranda of Understanding with academic institutes and organisations of national and international reputation, allowing students, researchers, and professors to research and work on cutting-edge innovations through collaboration.

Through collaboration with various industries, the school has established two Centres of Excellence aimed at equipping students with insights into real-time products and offering opportunities to tackle industrial challenges. The school also worked together with industries to develop the curriculum and courses. In a similar vein, the school provides customised programs like B.Tech in Manufacturing Engineering and B.Sc. in Manufacturing Sciences specifically designed for industry personnel. The school has collaborated with industry partners to provide its students with joint value-added courses. The advanced facilities at the school facilitate innovative research across various specialised technological fields, enabling us to offer professional development courses, training programs, and seminars aimed at upskilling and reskilling industry personnel.

The school holds in high regard the substantial research backing it has garnered from a multitude of national and international entities. The esteemed reputation of the institution is reflected in the substantial research funding acquired from a multitude of national and international organisations, including DST, DRDO, MNRE, CSIT, CVRDE, CPDO, IE, AR&DB, BRNS, ISRO, UGC, NRB, and the Royal Academy of Engineering, among others. The collaborative endeavor between industries and research organisations enabled the faculty and students of the school to publish in prestigious high-impact journals [Q1 and Q2], as well as to secure numerous patents. The Department of Science and Technology of the Government of India has acknowledged the school's research efforts, which have led to funding from the FIST (Funds for Improving Science and Technology Infrastructure) initiative in 2003, 2010, and 2022, along with support from the Promotion of University Research and Scientific Excellence (PURSE) scheme in 2021.



About VIT Business School

VIT Business School, established in 1994, offers undergraduate (BBA), postgraduate (MBA), and doctoral (Ph.D.) programs in business, designed to equip students with industry-relevant knowledge and deep business insights.

The core strengths of VITBS include its proven teaching-learning ecosystem, a culture of research and knowledge building, strategic collaborations and networks, a multicultural environment, world-class infrastructure, integrating cutting-edge technology and advanced analytics into management education to prepare future-ready leaders.

The collaboration with industries and research organizations enabled the faculty and students of VITBS to write case study and publish in high-impact journals. The school has research funding from organizations, including ICSSR, MSME-DI, NABARD, ICAI, UNICEF apart from the consultancy projects from reputed companies across sectors.

Key highlights of VIT Business School:

Global Diversity: Students and faculty from across India, Europe, Africa, Asia, USA.

International Collaborations: Partnerships with global universities for Overseas Experiential Learning Programs (OLEP), credit transfers, and joint research initiatives.

Industry Integration: Collaborations for industry-led pedagogy, internships, consultancy projects and placements.

Digitized Learning: Access to HBR and Ivey case studies, databases like EBSCO, CMIE, and advanced analytics software.

Accreditations:

- AACSB and ACBSP Accredited
- QS World University Rankings 2024: Ranked 551-600 globally for Business & Management Studies
- THE (Times Higher Education) World Rankings 2024: Ranked 601-800 globally for Business and Economics



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- Prof. Sakthi Nagaraj | Indian Institute of Management, Jammu
- Prof. Dinesh Kumar Rajendran | National Institute of Technology, Jammu
- Prof. Suresh M | Amrita Business School, Coimbatore

Key Note Speakers

November 06, 2025

- Prof. Krishnaswami Srihari | Binghamton University, USA
- Prof. Peeyush Mehta | Indian Institute of Management, Calcutta
- Prof. Sandeep Mondal | Indian Institute of Technology, Dhanbad
- Mr. Aslam Sheriff | AH Group of Companies, India
- Prof. Marcos Dieste | Università degli Studi di Padova, Italy

November 07, 2025

- Prof. Venkatesh V G | EM Normandie Business School, France
- Prof. Niles Perera | University of Moratuwa
- Dr. Sube Singh | University of Warwick, UK
- Dr. Chithirai Pon Selvan | Curtin University, Dubai
- Prof. Prakash Divakaran | Himalayan University, Itanagar

November 08, 2025

- Prof. S. Vinodh | National Institute of Technology, Trichy
- Prof. M. Rajmohan | Anna University, Chennai
- Prof. Murugan Pattusamy | University of Hyderabad, Hyderabad
- Prof. K. Mathiyazhagan | Thiagarajar School of Management, Madurai
- Prof. Prashant Atrey | NHPC Ltd, Faridabad

Special Tracks

- AI for Industrial IoT
- Green IoE in 6G network for Industry 4.0
- Global Engineering Education
- Global Artificial Intelligence and Machine Learning
- Global Lean Six Sigma and Operations Excellence
- Industry 4.0 and Industry Solutions
- Smart Mobility and Smart Cities
- Women in Industry and Academia (WIIA)



Topics

Covering industrial issues/applications and theoretical research, but not limited to:

- Artificial Intelligence and Data Science
- Automation, Robotics and Autonomous Systems
- Business Management and Operations Management
- Digital Manufacturing, Industry 4.0 and IoT
- Engineering Management and Project Management
- Entrepreneurship and Innovation
- Facility Planning and Layout
- Human Factors, Ergonomics and Healthcare System Management
- Engineering Education and Curriculum Improvement
- Lean Six Sigma and Operations Excellence
- Manufacturing, Assembly and Design
- Quality, Reliability and Maintenance
- Simulation, Optimization and Productivity Improvement
- Supply Chain and Logistics
- Sustainability, Green System and Energy
- AI for Industrial IoT
- Green IoE in 6G network for Industry 4.0
- Case Studies and Best Practices

Paper Submissions

Submission Link:

<https://www.xcdsystem.com/IEOM/abstract/index.cfm?ID=e4KrQTp>

Registration Link:

<https://www.xcdsystem.com/IEOM/attendee/index.cfm?ID=7lYeKR7>

Authors can submit full paper(s) or abstract(s) only. Authors MUST use the conference template to prepare papers or abstracts. IEOM Society encourages submitting full paper(s). All full papers will be subjected to double peer review. Any submission implies that an author will attend IEOM 2025 India Conference and present the paper or abstract.

Templates and Guidelines

- Paper template – <http://ieomsociety.org/documents/paper-india2024.docx>
- Abstract Template – <http://ieomsociety.org/documents/abstract-india2024.docx>
- Paper Checklist – <http://ieomsociety.org/paper-checklist.pdf>
- IEOM Reference Format – <http://ieomsociety.org/ieom-reference-format.docx>
- Paper Selection Process – http://ieomsociety.org/paper_selection_process.pdf
- Publication Ethics – <http://ieomsociety.org/ieom/ethics-malpractice-statement/>



Publication

- Selected papers from the conference will be published as a proceedings book volume in the **Scopus-indexed Springer Lecture Notes in Multidisciplinary Industrial Engineering series**.
- Springer will publish only those accepted papers that pass their quality checks.
- Springer Nature does not charge any money for publication of Non-Open Access content.
- Abstracts/extended abstracts and short papers (less than 4 pages) are not considered for publication.
- The extended versions of the papers as recommended by the reviewers will also be published in the International Journal of Industrial Engineering and Operations Management.

Competitions

- Undergraduate Student Paper Competition Sponsored by SIEMENS
- Graduate Student Paper Competition Sponsored by EATON Corporation
- Master Thesis Competition Doctoral Dissertation Competition sponsored by Airbus
- Capstone Design Project Competition Sponsored by Tooling Tech Group & Daikin Applied
- High School STEM Competition
- Human Factors and Ergonomics Competition sponsored by CINTAS
- Poster & Simulation Competition
- Lean Six Sigma Competition sponsored by Tooling Tech Group
- Supply Chain and Logistics Competition.

Key Dates

Submission Deadline: 15 October 2025

Registration Deadline: 20 October 2025

Late Registration: 30 October 2025 (Additional Fee)

Final Paper: 25 October 2025

Conference: 06-08 November, 2025

Contact Information

- info@ieomsociety.org, mentioning IEOM INDIA Conference 2025
- Dr. K. Jayakrishna – jayakrishna.k@vit.ac.in, Mobile: +91 9894968596
- Dr. S Aravind Raj – aravindraj.s@vit.ac.in, Mobile: +91 99944 14363
- Dr. Kishore Kumar Mahato – kishore.mahato@vit.ac.in, Mobile: +91 98613 75851
- Dr. Subashini R – rsubashini@vit.ac.in, Mobile: +91 98944 49500
- Dr. Dibyajyoti Ghosh – dibyajyoti.ghosh@vit.ac.in, Mobile: +91 84049 83852
- Dr. Ahad Ali – Executive Director - ahad@ieomsociety.org
- Professor Don Reimer – Chief Operating Officer - donreimer@ieomsociety.org

Registration Fees

Category	In-Person	Online
Professional Member	US\$450	US\$350
Professional Non-Member	US\$500	US\$400
Speaker Registration	US\$400	US\$300
Student Member	US\$225	US\$175
Student Non-Member	US\$250	US\$200
Each Additional Paper	US\$100	US\$100
UG/PG/Ph.D (India)	INR 4500	INR 4000
Academician/Industrialist (India)	INR 5500	INR 5000
Additional Papers	INR 3500	INR 3000

Payment Link: <https://events.vit.ac.in/>

Note:

- Certificate of Participation will be provided to all the participants. Best Paper and other awards will be provided by the IEOM Society International during the 5th IEOM Conference.

Sponsors and Knowledge Partners



Souvenir Advertisement

A Souvenir comprising of messages, keynotes, plenary talks and advertisements of the sponsored industry / organizations etc. will be published and widely circulated amongst the stakeholders such as policy makers, industries, educators and researchers for the dissipation of latest technical know-how in the areas of Industrial and Systems Engineering. The organizers of IEOM 2025 provide a unique opportunity to the organizations/ industries to advertise their products at national level, and that too within a highly specialized and influential community.

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