

5th Indian Industrial Engineering and Operations Management Conference

Vellore, Tamil Nadu, India



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November 6-8, 2025

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Industrial Engineering and Operations Management Society International

IEOM Society International, 21411 Civic Center Dr., Suite 205, Southfield, Michigan 48076, USA
Phone: 1-248-450-5660, Email: info@ieomsociety.org

Welcome to the 5th IEOM India International Conference on Industrial Engineering and Operations Management

Vellore Institute of Technology (VIT), Vellore, Tamil Nadu, India, November 6-8, 2025

To All Conference Attendees:

On behalf of the IEOM Society International, it is our great pleasure to welcome you to the 5th IEOM India International Conference on Industrial Engineering and Operations Management, hosted by Vellore Institute of Technology (VIT), Vellore, Tamil Nadu, India, from November 6-8, 2025.

This year's conference focuses on key and emerging areas, including artificial intelligence, digital manufacturing, supply chain management, Industry 4.0, the Internet of Things (IoT), lean systems, Six Sigma, simulation, data analytics, automation, and interdisciplinary research. The event serves as a global platform for academics, researchers, and practitioners to exchange ideas, share innovations, and explore recent advancements in the broad field of Industrial Engineering and Operations Management.

The conference aims to foster collaboration, networking, and joint initiatives among participants, advancing both the theory and practice of IEOM while identifying major trends and future directions in the discipline. We are pleased to share that the conference received 350 submissions from 21 countries, with 250 papers and abstracts accepted for presentation.

This conference will address many contemporary issues related to industrial engineering, manufacturing, data analytics, and supply chain digitalization. We are honored to feature a distinguished lineup of keynote speakers who bring global perspectives and expertise to our discussions:

1. Prof. Peeyush Mehta, Professor of Operations Management, Indian Institute of Management, Calcutta, West Bengal, India
2. Prof. Sandeep Mondal, Professor, Department of Management Studies and Industrial Engineering, Indian Institute of Technology (IIT), Dhanbad, Jharkhand, India
3. Mr. Aslam Sheriff, Chief Executive Officer, AH Group of Companies, Ranipettai, Tamil Nadu, India
4. Prof. Marcos Dieste, Assistant Professor of Operations Management, Università degli Studi di Padova, Italy
5. Prof. Venkatesh V. G., Vice-Dean (Global Faculty Engagement) and Professor of SCM, EM Normandie Business School, France
6. Prof. Niles Perera, Professor of Supply Chain Management, University of Moratuwa, Sri Lanka
7. Dr. Sube Singh, Assistant Professor of Supply Chain, Warwick Manufacturing Group (WMG), University of Warwick, UK
8. Prof. Chithirai Pon Selvan, Director – Research and Head of School of Science and Engineering, Curtin University Dubai, UAE
9. Prof. Dr. Prakash Divakaran, Vice-Chancellor, Himalayan University, Itanagar, Arunachal Pradesh, India
10. Prof. S. Vinodh, Professor, Department of Production Engineering, National Institute of Technology (NIT), Tiruchirappalli, Tamil Nadu, India
11. Prof. M. Rajmohan, Professor, Department of Industrial Engineering, Anna University, Chennai, India
12. Dr. Murugan Pattusamy, Assistant Professor, School of Management Studies, University of Hyderabad (UoH), Hyderabad, India
13. Prof. K. Mathiyazhagan, Professor and Chairperson – Research Centre, Thiagarajar School of Management, Madurai, Tamil Nadu, India
14. Dr. Prashant Atrey, Executive Director, NHPC Limited, Faridabad, Haryana, India

The IEOM Society International operates in 151 countries and supports 295 student chapters across 60 countries, making it one of the most globally active professional organizations in this field. We are deeply committed to promoting student engagement, research excellence, and global collaboration.

We extend our sincere appreciation to our Conference Chair, Professor Dr. K. Jayakrishna, for his leadership and dedication, as well as to all sponsors, university and organizational partners, authors, reviewers, keynote speakers, panelists, track chairs, advisors, committee members, and the many volunteers whose efforts have made this international event possible.

We are confident that this conference will be an intellectually stimulating, collaborative, and memorable experience for everyone.

Our very best wishes to all participants for a successful and enjoyable conference in Vellore, India.



Dr. K. Jayakrishna
Conference Chair
Professor, Department of
Manufacturing Engineering,
School of Mechanical
Engineering
Vellore Institute of Technology
(VIT), Vellore, Tamil Nadu, India



Dr. D.K. Banwet, FIEOM
IEOM Global Council Member
Vice chancellor Founding Retd.
University of Engineering &
Management, Kolkata, India
Professor, Emeritus, Dept. of
Management Studies, IIT Delhi



Dr. S.M. Qutubuddin
Program Chair
Professor, Industrial and
Production Engineering
PDA College of Engineering,
Kalaburagi, Karnataka, India



Dr. Ahad Ali, FIEOM
Conference Co-Chair
Associate Professor
Director, DEng -Adv Manufacturing
Director of Industrial Engineering
Programs (BSIE & MSIE)
Lawrence Tech University, USA
CEO, IEOM Society International



Prof. Don Reimer, FIEOM
Program Co-Chair
Chief Operating Officer
IEOM Society International
21411 Civic Center Drive,
Suite 205, Southfield
MI 48076, Michigan, USA

Keynote Speakers

Day 1 – November 6, 2025

10:00 am – Conference Opening

10:30 – 11:00 am, November 6, 2025 – Keynote



Prof. Peeyush Mehta
Professor of Operations Management
Indian Institute of Management, Calcutta
West Bengal, India

Prof. Peeyush Mehta is a Professor of Operations Management at Indian Institute of Management Calcutta since 2012. During 2005–2011, he was a faculty in the Department of Industrial & Management Engineering at the Indian Institute of Technology Kanpur. He obtained his doctoral degree from Indian Institute of Management Ahmedabad. He worked as a Post-Doctoral Research fellow at the Nanyang Technological University, Singapore. After obtaining his Bachelors of Engineering in Mechanical from Jodhpur University, he worked in industry for three years in Power sector operations. Peeyush's research interests are in the areas of operations strategy, supply chain coordination, supply contracts, manufacturing competitiveness, and game theory applications in operations. His research has appeared in a number of acclaimed international journals. At IIM Calcutta, he teaches courses on production and operations management, supply chain management, manufacturing management. He has taught in several executive programs for wide variety of firms in the areas of operational excellence, strategic sourcing, vendor development, service operations and supply chain management. Professor won IIM's Professor of the Year at IIM Calcutta.

11:00 – 11:30 am, November 6, 2025 – Keynote



Prof. Sandeep Mondal
Professor
Management Studies and Industrial Engineering Department
Indian Institute of Technology, Dhanbad
Jharkhand, India

Sandeep Mondal is a Professor of Management Studies and Industrial Engineering at Indian Institute of Technology (Indian School of Mines), Dhanbad, India. His research focuses on Decision Sciences, Statistical Data Analysis, Statistical Modeling, Reliability Engineering, and Manufacturing Operations Management. He obtained his PhD in Operations Management from the Indian Institute of Technology (Indian School of Mines), Dhanbad, India.

11:30 am – 12:00 pm, November 6, 2025 – Keynote



Mr. Aslam Sheriff
Chief Executive Officer
AH Group of Companies
Ranippettai, Tamil Nadu
India

Aslam Sheriff is a Chief Executive Officer at AH Group of Companies based in Ranippettai, Tamil Nadu. Previously, Aslam was a Head of Business Development at Solar Soles Pvt Ltd and also held positions at India Shoes Exports Private Ltd., Chennai, Van Gastel Shoes, K.H. Leather Industries Pvt Ltd. Aslam received a Bachelor of Engineering degree from Vellore Institute of Technology and a PUC from Krrishnasamy Higher Secondary School, Vellore.

12:00 – 12:30 pm, November 6, 2025 – Keynote



Prof. Marcos Dieste
Assistant Professor of Operations Management
Università degli Studi di Padova, Italy

Marcos Dieste is an Assistant Professor of Operations Management at the University of Padova (Italy), where he is also a Contract Professor of Business Administration and Organization. He holds a Ph.D. in Management Engineering (Operations Management) from the University of Padova (Italy) and a Master's degree in Industrial Organization from the University of Zaragoza (Spain). Currently, his teaching and research activities focus on various areas such as strategy and operations management (e.g., smart technologies, digital transformation and lean manufacturing) and sustainability (i.e., economic, environmental and social). The research activities have led Dieste to publish several papers in international peer-reviewed journals, conference proceedings and book chapters. He is a regular reviewer for the following international peer-reviewed journals: Journal of Cleaner Production, Operations Management Research, International Journal of Production Research, Journal of Manufacturing Technology Management, and Production Planning & Control. He is also a frequent collaborator in several international research projects with universities from UK, Italy, Spain, India, USA and Brazil.

12:30 – 1:00 pm, November 6, 2025 – Keynote

Industry Keynote

Day 2 – November 7, 2025

10:00 – 10:30 am, November 7, 2025 – Keynote



Prof. Venkatesh V G
Vice-Dean (Global-Faculty Engagement)
Professor of Supply Chain Management,
EM Normandie Business School, France

Dr. V.G. Venkatesh is a Professor of Supply Chain Management, and he joined the EM Normandie in 2019. He holds a Ph.D. in global sourcing from the University of Waikato, New Zealand. With 23 years of international experience and has a consistent publication record in reputable journals. He has received prestigious fellowships from Waikato University, CIAS Hungary, and the Erasmus Teaching Fellowship. He's held visiting fellowships at LaSabana University, Colombia, Linnaeus University-Spain, and PUCPR, Brazil. His name appeared as an influential academic in the global #ThinkAmplifyList of the University of Bath. He's a qualified trainer and a LIFETIME Chartered Institute of Logistics and Transport (CILT) member. He is affiliated with associations like CSCMP and IPSERA. He is the Area Editor of Operations Management and Research (OMRA) and a member of the Editorial Board of renowned journals, including the International Journal of Operations and Production Management (ABS-4*), Management Decision (ABS-2*), and the International Journal of Logistics and Management (ABDC-A).

10:30 – 11:00 am, November 7, 2025 – Keynote



Prof. Niles Perera
Professor in Supply Chain Management
University of Moratuwa
Sri Lanka

Niles Perera is a passionate forecasting researcher based in Sri Lanka who is motivated to contribute to his community through research and teaching. He is a Professor in Supply Chain Management at the University of Moratuwa, Sri Lanka and holds a PhD from the University of Sydney, Australia. Niles has won numerous local and global accolades while actively collaborating with over twenty universities around the world. As a member of IIF, Niles has been part of the Early Career Forecasters board since 2021.

11:00 – 11:30 am, November 7, 2025 – Keynote



Dr. Sube Singh
Assistant Professor of Supply Chain
Warwick Manufacturing Group (WMG)
University of Warwick, UK

Dr. Sube Singh is an Assistant Professor of Supply Chain at Warwick Manufacturing Group (WMG), University of Warwick, UK, a position he has held since May 2023. His research revolves around developing tools and methodologies for supply chain management, focusing on sustainability, resilience, and digitalisation. Dr. Singh has a solid academic background, earning his PhD in Industrial Engineering from the prestigious Indian Institute of Technology Kharagpur. Before joining WMG, Dr. Singh held a Postdoctoral Fellowship at Clemson University – International Center for Automotive Research (CU-ICAR) in the USA and also worked as a Research Assistant at the Indian Institute of Management Mumbai (Formerly NITIE Mumbai). Amidst the

COVID-19 pandemic, his article on the impact of the pandemic on logistics systems and disruptions in the food supply chain became the most-read (with 120K+ views) article in the 60-year-old International Journal of Production Research. He boasts an impressive publication record with over 900 citations and an H-Index of 6 on Google Scholar. Dr. Singh's research interests encompass the development of novel approaches and business models in various aspects of Supply Chain Management, including Circular Economy, Sustainability, and Resilience. His studies utilise Machine Learning and Data Science, optimisation, and simulation approaches.

11:30 am – 12:00 pm, November 7, 2025 – Keynote



Prof. Chithirai Pon Selvan, PhD
Director – Research & Head of School – Science and Engineering
Curtin University Dubai
Dubai, United Arab Emirates

Prof. Chithirai Pon Selvan brings over 25 years of expertise in engineering education and academic leadership, with 17 years dedicated to advancing higher education in the UAE. He is a Senior Fellow of the Higher Education Academy (SFHEA), UK, and a Fellow of the Curtin Academy, Australia. His research interests include machine design, optimization techniques, advanced manufacturing, and renewable energy, with a strong focus on engineering for sustainable development. He has published 150+ research articles in journals, authored several books, and presented at numerous conferences. He is an approved PhD supervisor at several universities, including Curtin University, Australia, and has successfully supervised many doctoral

candidates. Throughout his career, he has been invited and honored as a keynote speaker, session chair, resource person, and technical committee member at conferences across the UAE, India, Thailand, Malaysia, Germany, Maldives, Italy, Australia, Oman, Pakistan, Singapore, Qatar, and the UK.

Prof. Pon has demonstrated distinguished leadership in advancing engineering education in the UAE. As the founding faculty member responsible for launching the Mechanical Engineering programs at Manipal University Dubai, and Amity University Dubai, he played a pivotal role in lab development, accreditation, industry collaboration, student success, and academic leadership for over a decade. He is also the founding academic of the Mechanical Engineering program at Curtin University Dubai, where he currently serves. In addition, he is a member of leading professional societies such as SAE, ASHRAE, IMechE, ASME, IEEE, EI, ASQ, and ISTE.

Prof. Pon has received several prestigious awards, including the following:

- Teaching Excellence Award (2014) – Manipal University, Dubai
- Dubai Award for Sustainable Transport (2017) – RTA, Govt. of Dubai
- Dr Kalam's International Excellence Award for Education (2017) – Dr APJ Abdul Kalam Lovers Foundation, UAE
- Distinguished Conservation Project Award (2018) – DEWA, Govt. of Dubai
- Alleem Sustainability Researcher Award (2018) – Alleem Research and Development Centre, Sharjah
- Sustainability Ambassador Award (2019) – RTA, Govt. of Dubai
- Research Excellence Award (2020) – Curtin University Dubai
- TAG Founders Award – Academic of the Year (2021) – Transnational Academic Group, Dubai
- Curtin Global Award (2022) – Curtin University, Australia
- Ezhumini Award for Education – Dubai (2023) – News 7 Tamil TV Channel
- Curtin Award for Excellence in Innovation and Teaching (2023) – Curtin University, Australia

12:00 – 12:30 pm, November 7, 2025 – Keynote

Industry Keynote

12:00 – 12:30 pm, November 7, 2025 – Keynote



Prof. Dr. Prakash Divakaran
Vice-Chancellor
Himalayan University
Itanagar, Arunachal Pradesh, India

Dr. Prakash Divakaran is an Indian Entrepreneur, Professor, Supply Chain Expert, Keynote Speaker, and Vice Chancellor at Himalayan University. He is the Director and CEO of Infinite Global Research Conference Pvt. Ltd., Pune, India. A Graduate of Business Administration, Ph.D. from Madurai Kamaraj University. Dr. Divakaran is credited with several Books and Articles on Supply Chain, Economics, and Research Methodology. He received the Title "Best International Author of Research and Management Books", Dr. A.P.J Abdul Kalam Award "Emerging Author of the Year", International Glory Award, Indian Education Award, etc.

Dr. Divakaran was born in the south Indian state of Kerala on 26 February 1973, Schooling from CMS High School, Puthupally, Kayankulam. Studied BA (Malayalam) from MSM College, Kayankulam. B. Com. from MPBOU, Bhopal and followed it up with a Master of Business Administration from Madurai Kamaraj University. M.Com from Vinayaka Mission Sikkim University, Sikkim, PGDM – International Business Operations, Vinayaka Mission University, Salem., PGDM – Supply Chain Management, Himalayan University, Itanagar, Arunachal Pradesh, Diploma in Central Excise & Customs from National Institute of Export Management, Chennai. M.Phil. from Eastern Institute for Integrated Learning in Management University. Later, he secured his doctoral degree (Ph.D.) from Madurai Kamaraj University.

He started his career as a store-in-charge/ Indirect Taxation of TEK Electromechanicals Pvt, Ltd for Eleven Years and continued his career with TACO Hendrickson Pvt.Ltd & TATA YAZAKI Pvt.Ltd for three years in SCM Department. He worked for Minda Industries Ltd for two years and worked as Deputy General Manager – SCM at Polyrub Cooper Standard Pvt.Ltd till his appointment as the Director of Infinite Global Research

Conference Pvt.Ltd, in December 2018, and was working as a visiting faculty (as Professor) at Himalayan University, in 2022 he has been promoted to Pro-Vice-Chancellor subsequently.

Dr. Divakaran is known to have done extensive research on Supply Chain Management. His research findings have been documented by way of over 80 articles published in National and International Journals publications and other peer-reviewed national and international journals. Besides, he has written 7 books. With his expertise in Supply Chain, International Business, Commercial documentation, and Research Methodology has been invited to many international conferences to present his findings and chair the sessions as a Resource person in the USA, Bangkok, Hongkong, UAE, Singapore, Vietnam, China, etc. He has been invited as a speaker to present his research findings on supply chain at the AIAG 2016 Corporate Responsibility Summit held in Michigan, USA.

He is serving as the editor-in-chief of The International Journal of Law, Management and Social Science (IJLMSS), Associate Editor International Journal of Transformations in Business Management, and Editor of Phoenix International Multidisciplinary Research Journal. Advisor Board Member of IJ360 MR Journal. Editor of Vakdevatha Magazine Published from Pune.

Day 3 – November 8, 2025

10:00 – 10:30 am, November 8, 2025 – Keynote



Prof. S. Vinodh
Professor in Production Engineering Department
National Institute of Technology, Tiruchirappalli
Tamil Nadu, India

Dr S. Vinodh is a Professor in Production Engineering Department of National Institute of Technology, Tiruchirappalli, Tamil Nadu. He completed his Ph.D. and Master's Degree in Production Engineering from PSG College of Technology, Coimbatore. He completed his Bachelor's degree in Mechanical Engineering from Government College of Technology, Coimbatore. He was a gold medallist in his undergraduate and post graduate studies. He was awarded National Doctoral Fellowship for pursuing research by AICTE, New Delhi.

He has been awarded Institution of Engineers Young Engineer Award for the year 2013. He has published research papers in International Journals in the research areas Lean Manufacturing, Agile Manufacturing, Sustainable Manufacturing, Additive Manufacturing, Lean Six Sigma and Industry 4.0. He is serving as reviewer for various International Journals in the specializations of Manufacturing and Industrial Engineering.

10:30 – 11:00 am, November 8, 2025 – Keynote



Prof. M. Rajmohan
Professor
Department of Industrial Engineering
Anna University
Chennai, India

M. Rajmohan is currently a Professor in the Department of Industrial Engineering, Anna University, Chennai, India. He received his Bachelor Degree in Agricultural Engineering from Tamil Nadu Agricultural University, India, Master Degree in Industrial Engineering and Doctoral Degree in the area of Supply Chain Management from Anna University, India. His current areas of research include Supply Chain Management, Logistics, Optimisation, Meta-heuristics and Data Analytics.

11:00 – 11:30 am, November 8, 2025 – Keynote



Dr. Murugan Pattusamy
Assistant Professor
School of Management Studies
University of Hyderabad (UoH)
Hyderabad, India

Dr. Murugan Pattusamy is working as an Assistant Professor at the School of Management Studies, University of Hyderabad (UoH), Hyderabad. He has completed his PhD from Anna University, Chennai, and worked with IIM Shillong, Australian Council for Educational Research, New Delhi, and National Institute of Technology, Tiruchirappalli. He received the University of Hyderabad's chancellor's award for his contributions to both teaching and research. He has a passion for research, and he has been a resource for more than 300 workshops and FDP programs held at many universities and B-Schools in India.

His expertise lies in the areas of Multivariate Data Analysis Techniques, Mediation Analysis, Moderation Analysis, Structural Equation Modeling, and Item Response Theory. His papers have been published in SSCI, ABS, and ABDC-listed journals. He has developed online lecture videos for three of the courses offered through the SWAYAM platform.

11:30 am – 12:00 pm, November 8, 2025 – Keynote



Prof. Dr. K. Mathiyazhagan
Professor and Chairperson – Research Centre
Thiagarajar School of Management
Madurai, UP, India

Dr. K. Mathiyazhagan is a Professor and Chairperson – Research Centre, Thiagarajar School of Management, Madurai. His impressive academic contributions are underscored by his editorial roles (associate & assistant editor) in high-impact journals such as Technological Forecasting and Social Change (Elsevier), Business Strategy and the Environment (Wiley), Journal of Knowledge Management (Emerald), Management Decision (Emerald), and Environment, Development and Sustainability (Springer). He has also served as a guest editor for several special issues in top-tier journals like IJLM, JBL, JPDLM, SPC, Socio Economy & Decision Science.

Dr. Mathiyazhagan's research has earned him a place among the Top 2% of scientists globally, as recognized by Stanford University. He has published extensively, with over 7000 research citations and accolades such as the Excellence Citation Award from Emerald Publisher Ltd. His research interests span Green and Sustainable Supply Chain Management, Multi-Criteria Decision Making, Sustainable Lean Manufacturing, Lean Six Sigma, and more.

He has received invitations to speak at international conferences and workshops across the UK, Poland, Italy, and China. Dr. Mathiyazhagan has organized multiple international conferences and workshops, edited conference proceedings, and been a reviewer for over 30 prestigious international journals. He has supervised numerous undergraduate, postgraduate, and Ph.D. scholars, and his recent AICTE grants support workshops on Six Sigma in Quality Management and Circular Economy. Also, he has received funded projects from ICSSR & WBPCB. In addition to his academic accomplishments, he is a visiting faculty member at the University of Rome Tor Vergata, Italy.

12:00 – 12:30 pm, November 7, 2025 – Keynote



Dr. Prashant Atrey
Executive Director
NHPC Limited, India
Faridabad, Haryana, India

12:30 – 1:00 pm, November 7, 2025 – Keynote

Submissions received from the following countries and territories

- | | | |
|---------------|------------------|--------------------------|
| 1. Angola | 9. Nigeria | 17. Thailand |
| 2. Australia | 10. Norway | 18. Türkiye |
| 3. Bangladesh | 11. Peru | 19. United Arab Emirates |
| 4. Canada | 12. Philippines | 20. United Kingdom |
| 5. India | 13. Portugal | 21. United States |
| 6. Indonesia | 14. Saudi Arabia | |
| 7. Malaysia | 15. South Africa | |
| 8. Morocco | 16. Sri Lanka | |
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Plenary

Plenary – Innovation and Entrepreneurship

November 6, 8:00 am

Session Chair

**Dr. Nagajyothi Koripella****Pro VC****Bharatiya Engineering Science & Technology Innovation University (BESTIU)****Gownivaripalli, Gorantla, Andhra Pradesh, India****Topic: Innovation and entrepreneurship**

Dr K Nagajyothi, AICTE Margadarshak, NAAC peer team chairman and Pro Vice-chancellor of Bharatiya Engineering science and technology innovation university has 24 years rich academic experience in various reputed academic universities and colleges across South India. Dr Jyothi has published 31 research papers in journals and presented 46 papers in conferences. She has three patents to her credit in which two are granted, one by Indian Patents and other by Australian patents. She has received best innovator and best researcher award for the Indian patent. She is the recipient of many awards for academics and community services. To name a few recent ones include Exemplary women in education award by Asia Today in 2020, Best youth worker award by Indian Srilankan

embassy in 2019, the super woman award by Star network in 2022 apart from many best teacher awards. recently she has been honoured as the Best Education Leader in Hyderabad by forever star group. Her long academic service has facilitated her to get recognised by AICTE as margadarshak in 2018 to guide higher educational institutions to improve quality of education and acquire accreditation. Dr Jyothi has been recognised as an expert committee member by Ministry of education for NEAT and SLA. With rich expertise in accreditation process of NAAC, NBA, Dr Jyothi has been guiding many colleges presently towards accreditation. As a NAAC peer team chairman, Dr Nagajyothi Visited many universities and colleges across the country and guided many colleges for NAAC and NBA accreditation.

Speaker I (8:00 am)

**Dr. Kandati Sai Chandu****Dean – Entrepreneurship Development Cell****Siddhartha Institute of Engineering & Technology (Autonomous), Puttur
India**

Presentation Title: Innovation-Driven Entrepreneurship: Building Future-Ready Enterprises in a Global Economy with Zero Capital and Hands-on Experience

Speaker II (8:20 am)

**Dr. Eriki Ananda Kumar****Ph.D. (Mech), M.Engg (CAD), B. Tech (Mech), DME, ITI(Welder)****Dean R&D****Professor of Mechanical Engineering****MJR College of Engineering and Technology****Piler, Andhra Pradesh, India**

Title of presentation: Challenges in Blockchain LSCM into Industry 4.0 and IoT

With 19 years of expertise in teaching, research, and innovation. I, Dr. Ananda Kumar Eriki, am a faculty member in mechanical engineering with the ability to design startup promotions that meet worldwide standards, contribute significantly to the planning, designing, and developing of prototypes. Manage the delivery of a variety of excellent handouts to UG/PG students. Participate in knowledge-sharing events related to funding requests, research, and pertinent student initiatives. Perform the administrative duties as assigned, at 2017 to 2021; I earned a Ph.D. in Mechanical Engineering at VEL's University in India. From 2004 to 2006, I completed my Master's degree in Mechanical Engineering with a focus on CAD at Sathyabama University in India. From 1999 to 2003, I completed my Bachelor of Mechanical Engineering (Hons) at JNTUA in India. Additionally, SBTET in India offered a Diploma in Mechanical Engineering from 1995 to 1998, as well as an ITI course in welding from 1994 to 1995. I prior to work as a Professor in Mechanical Engineering and Dean R&D at MJR College of Engineering and Technology-India, I worked as a Professor in Mechanical Engineering at VEMU Institute of Technology-India. Also worked as Associate Professor in the Department of Automotive Technology at FTVETI University-Ethiopia and I worked as a Lecturer at National University-Oman, I worked as a teaching/ research faculty in various capacities indifferent colleges with the position of Senior Lecturer/Lecturer in Malaysia (Nilai University, SEGi University and TOC Automotive College-Malaysia. I'm having 3 patents with 2 book chapters, 5 grants, and 42 research papers published and presented at international conferences with SCOPUS-indexed publications.

Speaker III (8:40 am)



Dr. Debabrata Bhattacharjee
Professor
Techno India University
West Bengal, India

Presentation Title: Collaboration in Entrepreneurship

Currently a Professor at Techno India University, West Bengal, India, teaching Management students and guiding PhD scholars teaching subjects including Entrepreneurship Development & Small Business Development, Production & Operations Management, Strategic Management, and International Marketing. His research area is in supply chain collaboration.

He is a PhD in Management from Birla Institute of Technology, Mesra, India. He completed his MBA from University of Ljubljana, Slovenia and PGCGM from Indian Institute of Management Calcutta. He graduated in Mechanical Engineering from National Institute of Technology, Durgapur.

Dr. Bhattacharjee has long experience of 37 years in the industry, most of it being with Indian Oil Corporation Limited, the largest Public Sector Undertaking in India in Oil & Gas industry, in various capacities including 4 years as Country Head in Myanmar, National Head of a business vertical and various other strategic positions at national and regional level. The experience encompassed diversified areas like International Business, Strategic Business Development, Business Transformation, IT implementation, Sales and Marketing, Project Management, Facility Planning, Construction Management etc.

He has published articles in various reputed international and national journals. He has also contributed immensely through his papers published in various international conferences of IEOM. He has also published a book based on his industrial experiences and written a chapter in a book on supply chain. He has penned a report on the entire canvas of the oil and gas industry in Myanmar for Indian Embassy there. He is a member of Indian Institution of Industrial Engineering.

Speaker IV (9:00 am)

Ar. Nahida Abdulla
Arch Ayri – Digital Platform
Maharashtra, India

Presentation Title: Ecopreneurship: Affordable & Sustainable Entrepreneurship

In an era where Architects are looking forward to designing newer buildings, Ar. Nahida Abdulla stands out from the crowd by being known as an Architect for a social cause who provides realistic and cost-effective design solutions to transform buildings into sustainable spaces. She is a Researcher for sustainable design wherein she transforms her observations into writing and is the face behind the Architectural & Sustainability Narratives platform Arch Ayri, a knowledge sharing platform. She is an experienced development practitioner having taught rather encouraged stakeholders on multi-disciplinary subjects professional grooming, academic upliftment and positive thinking including participants from countries like Nepal – Bhutan through online programs.

Speaker V (9:20 am)



Dr. Seema Singh
Professor of Economics
Delhi Technological University, India
Research Fellow, INTI International University, Malaysia

A Professor of Economics at Delhi Technological University, India and a Research Fellow (Hon.) at INTI International University, Malaysia, Prof. Singh is largely interested in the area of technology and its impact on the labour market, gender, education and training, etc. Besides teaching Engineering Economics, Econometrics and Mathematical Economics, she offers a course, Gender and Technology, for PhD coursework. She has been researching the issue of Economics in Engineering curricula since 2003 and has written two textbooks on the topic.

She has published extensively in refereed journals and successfully completed many projects funded by national and international organisations. She has supervised many PhD and Post-Doctoral students and is a paper reviewer for many indexed journals and a member of the editorial board of the Engineering Education Review and Deep Science Publishing.

She is an Advisor of Guidepoint, Headquarters- New York and a member of ISLE R&D Trust and Hon. Joint Secretary of the Indian Society of Labour Economics (ISLE), New Delhi. She was Vice President (Education and Research) in the International Network of Women Engineers and Scientists (INWES) Board 2018-20 and Chaired the Nomination Committee in during 2021-23. She was Vice-President of WISE-India during 2011-23 and President, University Women Association of Delhi during 2019-21.

Presentation Title: Why, What & How of Economics in Engineering Curricula: A Case of India

Economics was first used in engineering by a civil engineer, Arthur M. Wellington, when he was working on railway tracks in the USA during the latter part of the 19th century. Looking at the significance, gradually it became a part of the engineering curricula even in India. However, the approach towards adoption is casual. The technical intensity has increased manifold even in the non-technical sectors during the post-globalisation period, and an engineer is expected to consider more economic factors for the success of his engineering project than it may have been considered earlier. All such probable factors will be discussed.

Speaker VI (9:40 am)

Plenary – Machining and Digital Manufacturing

November 6, 2:00 pm

Chair



Dr. M. Manzoor Hussain
Registrar (Retd.)
Jawaharlal Nehru Technological University (JNTU)
Hyderabad, Telangana, India

Dr. M. Manzoor Hussain was a registrar of Jawaharlal Nehru Technological University, Hyderabad and Professor in Mechanical Engineering Department. Earlier he has served as Director of Admissions for three years. He also served as the founder principal and established one of constituent colleges of JNTUH at Sultanpur, Sangareddy District. He was the chairman of Board of Studies of JNTU in Mechatronics Engineering and Automobile Engineering. He has guided over 50 post graduate thesis and supervised 21 PhD scholars and currently 7 research scholars are working under his supervision. His areas of research include composite materials, manufacturing,

additive manufacturing, welding and industrial engineering. He has over 26 years of experience in teaching and administration in various capacities as officer-in-charge, special officer and member of various expert committees of University and AICTE. He has organised various workshops, short term programs and conferences in the university. He also worked in Ethiopia for two years as Head of Manufacturing in Defence Engineering College. He has published over 65 papers in peer reviewed journals and National and International conferences, and has visited countries like Kuwait, Thailand, Germany and Australia for conferences. He was awarded the best teacher award by Telangana State Government in the year 2016. He was the co-convenor for EAMCET for three years and Convenor for one year.

Speaker I (2:00)

Dr. Thirumurugan M
Associate Professor
B.S. Abdur Rahman Institute of Science & Technology
Chennai, Tamil Nadu, India

Speaker II (2:20)

Dr. Animesh Gupta
Professor of Practice
Chhatrapati Shahu Ji Maharaj University (CSJMU), Kanpur
India
Ex-President Steel Manufacturing
Strategic Corporate Supply Chain Expert
Advisor Vishwa Hindu Mahasangh

Speaker III (2:40)



Dr. Sachin M. Bhosle
Professor of Mechanical Engineering
Vidya Pratishthan's Kamalnayan Bajaj Institute of Engineering & Technology (VPKBIET)
Baramati, India

Dr. Sachin M. Bhosle is a Professor of Mechanical Engineering at Vidya Pratishthan's Kamalnayan Bajaj Institute of Engineering & Technology (VPKBIET), Baramati, India. He holds a Ph.D. in Mechanical Engineering from Michigan Technological University, USA, where he received the Dean's Award for Outstanding Scholarship in 2017. His doctoral research focused on nanotextured titanium surfaces for orthopedic implants, pioneering techniques in electrochemical anodization and surface modifications for enhanced osseointegration.

Dr. Bhosle has over two decades of academic and research experience and has served in multiple leadership roles, including Dean of Academics, Dean of Research & Development, Head of the Mechanical Engineering Department, and Governing Body Member at VPKBIET. Under his leadership, the department received its first NBA accreditation (2022) and recognition as a Ph.D. research center (2023). He also established the Center of Excellence in Digital Manufacturing & Robotic Automation, sponsored by Finolex Cables Ltd.

His research spans nanotechnology, biomaterials, manufacturing processes, electrochemistry, robotics, and Industry 4.0 applications. He has published more than 35 peer-reviewed papers in leading international and national journals and conferences (SCI/Scopus/WoS indexed), registered a copyright, and filed two patents in advanced manufacturing and intelligent systems. His work has been supported by multiple research grants from AICTE, SPPU, and the State of Michigan, USA.

Dr. Bhosle is a recognized Ph.D. guide at Savitribai Phule Pune University and is actively supervising four doctoral scholars. He has delivered invited talks and chaired sessions at AICTE-ATAL FDPs, IEEE-sponsored events, and international conferences. He is a life member of ISTE, SME (India), and has been associated with the Orthopedic Research Society, USA.

Beyond research, he is deeply engaged in academic policy-making, accreditation processes, and student mentorship. He continues to contribute to the fields of digital manufacturing, biomaterials, and robotics, striving to bridge the gap between academia and industry while inspiring the next generation of engineers.

Speaker IV (3:00)

Speaker V (3:20)

Plenary – Operations Excellence

November 7, 8:00 am

Session Chair



Dr. Qutubuddin S.M.
Professor
Industrial and Production Engineering Department
P.D.A. College of Engineering
Gulbarga, Karnataka, India

Dr. Qutubuddin S.M. is presently working as a Professor, Industrial and Production Engineering Department, P.D.A. College of Engineering, Gulbarga. He has more than 30 years' experience in teaching and research and has published more than 35 papers in International and National journals and Conferences. He has introduced the course Human Factors and Ergonomics in the curriculum in undergraduate engineering and has developed laboratories such as Industrial Engineering Laboratory and Ergonomics Laboratory. He is a life member of professional societies such as ISTE, IIPE, IAENG, and ISE. He is a regular member of various committees' of IEOM

Society conferences and continuously involved in promoting the activities of IEOM Society. He has established a IEOM Society student Chapter at PDA College of Engineering. Research interest include Industrial Ergonomics; Human Factors; Occupational Health and Safety; Productivity Improvement Studies; Production/Operations Management; Environmental Ergonomics. Currently he is Director, IEOM Operations in India.

Speaker I



Dr. Sanjib Biswas
Assistant Professor (Sr. Grade)
Decision Sciences & Operations Management
Amity Business School
Amity University
Kolkata, India

Presentation Title: Soft-Computing Analytics Framework for Strategic Decision Making

Dr. Sanjib Biswas has two decades of experience working in Industry and academia. He did his Ph.D. in Management Studies from NIT Durgapur. He has published and presented more than 100 papers, including those in Scopus/SCI-indexed journals and proceedings such as Information Sciences, Annals of Operations Research, Technology in Society among others. He is a regular reviewer and editorial board member of over 20 Scopus/SCI-indexed journals, including Applied Soft Computing, Technology Forecasting and Social Change, Computers and Industrial Engineering, Expert Systems with Applications, among others. He is listed among the top 2% of researchers in the world in 2024 (Stanford University) and Top Scholar List by ScholarGPS. He has received several awards at National and International Conferences. He holds seven patents to his credit. At present, two scholars are pursuing a Ph.D. under his guidance. His research interests include Supply Chain Management, multi-criteria decision-making (MCDM), Soft Computing, Technology Management, and Sustainability.

Speaker II

Dr. Jaydip Sen
Professor
Praxis Business School
Kolkata, West Bengal, India

Title – Machine Learning

Speaker III

Prof. V. Sivakumar
Professor and Head
Professor of Logistics Management
Alagappa University
Karaikudi, Tamil Nadu, India

Plenary Title: "Sustainable Global Supply Chains: Integrating Lean Systems, Green Technologies, and Startup Innovation."

Dr. V. Sivakumar is Professor and Head of the Department of Logistics Management at Alagappa University, Karaikudi, India. He has over 26 years of teaching experience and 17 years of active research in management and logistics. He holds a Ph.D. in Management, an MBA in Marketing, and a B.E. in Agricultural Engineering. His primary research interests includes agricultural logistics, supply chain management, marketing, and international logistics. Expert in Agricultural and Sustainable Supply Chains, At Present- Supervisor of Doctoral Research in Logistics & Startup Innovation and Published in Scopus/UGC-CARE Indexed Journals and Presented at International Conferences He has successfully guided six doctoral scholars, with another six Ph.D. candidates currently under his supervision, and has directed more than 200 postgraduate projects. He has published over 30 journal papers and presented 30+ conference papers, including contributions to Scopus-indexed journals. His funded research projects cover areas such as e-logistics, marine tourism, benchmarking logistics businesses, and farm mechanization in Tamil Nadu.

He currently serves as a member of the Senate and Academic Council of Alagappa University, and leadership roles as Dean of the College Development Council and Director of the Curriculum Design & Development Cell. Also associated with national and international journals as a reviewer and editorial board member. He has organized and chaired several international and national conferences on logistics, tourism, and sustainable management.

Speaker IV

Nachiket Patil
Senior Manager
Tata Consultancy Services
Pune, Maharashtra, India

Speaker V

Speaker VI

AI in Academia and Industry

November 7, 2:00 pm

Chair



Dr. Nagajyothi Koripella
Pro VC
Bharatiya Engineering Science & Technology Innovation University (BESTIU)
Gownivaripalli, Gorantla, Andhra Pradesh, India
Topic: Innovation, entrepreneurship and startups

Dr K Nagajyothi, AICTE Margadarshak, NAAC peer team chairman and Pro Vice-chancellor of Bharatiya Engineering science and technology innovation university has 24 years rich academic experience in various reputed academic universities and colleges across South India. Dr Jyothi has published 31 research papers in journals and presented 46 papers in conferences. She has three patents to her credit in which two are granted, one by Indian Patents and other by Australian patents. She has received best innovator and best researcher award for the Indian patent. She is the recipient of many awards for academics and community services. To name a few recent ones include Exemplary women in education award by Asia Today in 2020, Best youth worker award by Indian Srilankan embassy in 2019, the super woman award by Star network in 2022 apart from many best teacher awards. recently she has been honoured as the Best Education Leader in Hyderabad by forever star group. Her long academic service has facilitated her to get recognised by AICTE as margadarshak in 2018 to guide higher educational institutions to improve quality of education and acquire accreditation. Dr Jyothi has been recognised as an expert committee member by Ministry of education for NEAT and SLA. With rich expertise in accreditation process of NAAC, NBA, Dr Jyothi has been guiding many colleges presently towards accreditation. As a NAAC peer team chairman, Dr Nagajyothi Visited many universities and colleges across the country and guided many colleges for NAAC and NBA accreditation.

Speaker I



Manish Kumar Yadav
Country Head (Canada & Mexico)
Vice President (US, Canada, Mexico, and India)
Xforia Technologies Inc.

Manish Kumar Yadav is the Vice President (US & India) and Country Head (Canada & Mexico) at Xforia Global Talent & Technology Solutions, where he leads global talent strategy, workforce management, and recruitment innovation. Based in Toronto, Canada, he brings over 16 years of diverse experience spanning talent acquisition, project management, business development, and the application of artificial intelligence in human resources.

Currently pursuing a Ph.D. in Artificial Intelligence & Human Resource Management, Manish builds on a strong academic foundation that includes an MCA (Honors), MBA in Human Resource Management, and a B.Sc. in Mathematics & Chemistry. He is also a Certified Technical Recruiter, Salesforce Agentforce Champion, FinOps Professional, and has completed advanced certifications from leading institutes including IIT Madras (Research Methodology – Top 5%) and IIT Guwahati (AI in HRM).

At Xforia, he has spearheaded AI-driven recruitment strategies, Gen Z campus hiring programs, and workforce transformation projects across North America, India, and Mexico. His earlier leadership roles at GlobalLogic, Persistent Systems, Tek Leaders, Themesoft, and Xavient saw him manage large-scale recruitment operations, consulting, and strategic initiatives for Fortune 500 clients. A sought-after guest professor and speaker, Manish frequently delivers sessions on HR, recruitment, and AI, with a passion for equipping Gen Z and emerging professionals for the future workplace. He has been invited to speak at multiple universities and institutions, receiving numerous Certificates of Appreciation for his impactful contributions. As a Canadian Permanent Resident with global exposure, Manish is particularly passionate about exploring “How Recruitment is Changing with Artificial Intelligence”, blending academic research, corporate leadership, and practical expertise to shape the future of talent management.

Speaker II



Dr. Amit Kumar Marwah
Professor, Department of Mechanical Engineering
Head-IQAC, Ranking, & Accreditation
Acropolis Institute of Technology and Research, Indore

Dr. Amit Kumar Marwah is presently working as a Professor in the Department of Mechanical Engineering and Head-IRA (IQAC, Ranking, & Accreditation) at Acropolis Institute of Technology and Research, Indore (MP), India. He has contributed to various international journals and conferences of academic prominence. His current research area is supply chain competitiveness, sustainability, entrepreneurship, and innovation. Dr. Marwah is a PhD in Mechanical Engineering from Shri Govindram Seksaria Institute of Technology and Research (SGSITS), Indore (MP), with a specialization in Supply Chain Management. He is a Gold Medalist in Master of Engineering (ME) with graduation (BE) in Mechanical Engineering. He has 24 years of experience in academics and has handled the positions of HOD and Dean (Academics) in reputed colleges. Dr. Marwah has published more than 28 research papers in journals and conferences of national and international repute. He is also on the editorial board of reputed

international journals and, as a reviewer, has reviewed more than 15 papers. He has supervised and examined PhD and Postgraduate theses and has been a project guide for more than 18 projects at the undergraduate level. He is the co-founder of a start-up working in the domain of water conservation. Mentoring, ideation, product development, and technical assistance are being provided to the start-ups. Dr. Marwah is also mentoring an NGO, and is a Global Jury Member in the Wadhvani Foundation- National Entrepreneurship Network (WF-NEN). He holds 4 patents. His domain interests lie in supply chain management and competitiveness, sustainability, lean manufacturing concepts, innovation, ideation, and mentoring start-ups. He is a subject matter expert in automobile engineering, operation research, the theory of machines, and thermodynamics.

Speaker III



Sandhya CG
Engineer G, Biomedical Technology Wing
Sree Chitra Tirunal Institute for Medical Sciences & Technology
Thiruvananthapuram, Kerala, India

Topic: Incident Management in Recall of Medical Devices: Critical Elements

Sandhya CG is Engineer G at the Biomedical Technology Wing of Sree Chitra Tirunal Institute for Medical Sciences & Technology (SCTIMST), an Institute of National Importance under Government of India. Basically an Industrial Engineer by training and with Masters in Business Administration, she has a rich experience of more than 20 years in the Biomedical field. Her expertise is on Technology Transfer of medical devices and has been instrumental in Technology Transfer of many devices developed at the Institute like LVAD, cardiovascular stent, bioprosthetic heart valve, wound dressings, bioceramic beads, intracranial electrodes etc to name a few. She is also involved in activities like testing and evaluation of medical devices, Quality management system based on ISO 17025, training of medical device industry and academia. She is the Co-Investigator and mentor of the Technology Transfer Office project funded by National Biopharma Mission, BIRAC, Department of Biotechnology, which is one of the seven Technology Transfer Offices set up in India by NBM, which is now functional at TIMed, the incubator of SCTIMST. She is a trainer of Technology Transfer and has been a speaker on the same at many academic and R&D institutions across India. Her research interests include health sciences, recall of medical devices, usability engineering & ergonomics of medical devices.

Speaker IV



Dr. Manasi Vyankatesh Ghamande
Assistant Professor
Vishwakarma Institute of Technology, Pune
India

Dr. Manasi Vyankatesh Ghamande has done a PhD from Singhania University, Rajasthan in 2021. She has been working at Vishwakarma Institute of Technology, Pune, since 1991 as an Assistant Professor in the First Year Engineering Department. She has more than eight papers published in Scopus-indexed journals and forty patents granted in her name, and six book chapters.

Speaker V

Plenary – Manufacturing

November 8, 8:00 am

Session Chair

Speaker I

Dr. Animesh Gupta
Professor of Practice
Chhatrapati Shahu Ji Maharaj University (CSJMU), Kanpur
India
Ex-President Steel Manufacturing
Strategic Corporate Supply Chain Expert
Advisor Vishwa Hindu Mahasangh

Speaker II

Dr Subhash Chandra Panja
Professor
Department of Mechanical Engineering
Jadavpur University
Kolkata, India

Topic: Next-Gen Additive Manufacturing

Professor Subhash Chandra Panja is presently working as Professor in the Department of Mechanical Engineering, Jadavpur University, Kolkata, India. He completed his Bachelor in Mechanical Engineering from Jadavpur University, Kolkata in 1997. He did Master of Technology and PhD from Industrial Engineering and Management, Indian Institute of Technology Kharagpur in 1999 and 2008, respectively. He has had almost 20 years of teaching experience at several engineering colleges and institutions in India. He has published a number of papers in International and National journals and Conferences in the field of reliability engineering, maintenance management, and railway systems, astrophysical data analysis, and advanced as well as classical manufacturing engineering. His principal areas include reliability and quality engineering, process control, railway systems analysis, fuzzy systems, and modern manufacturing processes. He is the fellow of Institution of Engineers (India).

Speaker III



Dr. Muthuramalingam Thangaraj
Professor and Head
Department of Mechatronics Engineering
School of Mechanical Engineering
SRM Institute of Science and Technology
Kattankulathur, Tamilnadu, India

Presentation Title: Mechatronics based Integration of flexible electronics in automotive infotainment bezel

Professor Muthuramalingam Thangaraj is currently working as Professor and Head at the Department of Mechatronics Engineering, SRM Institute of Science and Technology. He has vast experience both in Academic and Industry. His primary area of research interests are unconventional machining processes and Mechatronics with good hands on experience. He has published many of his research papers in the area of EDM, ECM, AWJM, LBM processes, micro machining, 3D Printing, Flexible Printed sensors, optimisation approaches and Manufacturing automation and control. He has been listed as Top 2% scientists in worldwide by Stanford University, USA since 2020. He has published around 200 research articles and 8 patents so far. HE has presented his research works in various International conferences held around the world. Among which 3 patents are granted so far. He has been involved with various national accreditation activities, Academic council members, research forum members, research funding evaluation committee member for the benefits of students. He serves for many reputed journals in various positions such as editors and reviewers. He represented Engineering Education in terms of visiting Professor, MoU signs, Keynote speech, Session chair and paper presentation in many International Conferences and competitions held in Abroad countries such as USA, UK, Germany, Belgium, China, UAE, Netherland, Turkey, Poland, Greece, Austria, Czech republic, Slovakia, Hungary, Malaysia, Singapore, Thailand, Sri Lanka, Saudi Arabia and Vietnam under various schemes. He is actively involved for establishing academic and research collaboration with reputed universities. He has involved in many research finding as Technical Investigator around the world.

Speaker IV



Dr. J.S. Gnanasekaran, M.E., Ph.D., FIE
Former Principal & Professor of Mechanical Engineering
R.V.S. College of Engineering
Dindigul, India

Dr. J.S. Gnanasekaran is the Professor of Mechanical and Industrial Engineering and former Principal of R.V.S.College of Engineering Dindigul, India, is affiliated to Anna University Chennai, India. He holds B.E. Degree in Mechanical Engineering from Thiagarajar College of Engineering, Madurai under Madurai Kamaraj University and M.E Degree in Industrial Engineering from the same institution and University. He was awarded Doctorate Degree in Mechanical Engineering from Bharathiar University, Coimbatore, through Government College of Technology, Coimbatore, India.

He has to his credit having more than nine years service as Principal in reputed engineering colleges in India. He has taught engineering students at the undergraduate and the postgraduate levels for more than 27 years and has guided many students of B.E. and ME projects. He has also had some industrial experience in his career. . He is a research paper reviewer in many Journals and conferences at National and International levels and served as Session Chair also. Especially regular research paper reviewer in IEOM Conferences from the year 2014. His research interests are Manufacturing Optimization, Concurrent Engineering, Logistics Engineering, Product Design, Mathematical Modeling and Algorithm Development. He has published 40 research papers in Journals and conferences at National and International Levels so far.

He has received and associated in receiving research grants from recognized government funding agencies. He has received four awards so far. He is a recognized research supervisor for Anna University Madurai and Coimbatore regions. He has written two books so far in the area of Manufacturing Technology and Production Planning optimization techniques. He has organized and participated in many conferences, seminars and workshops and he is the resource speaker for such programmes. He has participated in more than 100 programs. He is one of the Expert members in many interview panels and mock accreditation of institutions. He is the member in Examination board in Institution of Engineers (India), Kolkata, Cochin University of Science and Technology, Cochin, Anna University Chennai, Karunya University, Coimbatore, SASTRA University, Thanjavur etc.

He is a Life member of Indian Society for Technical Education, New Delhi, Computer Society of India, International Association of Engineers, Hong Kong and International Society of Industrial Engineering and Operation Management (IEOM), State of Michigan, USA. He is a Fellow of Institution of Engineers (India), Kolkatta. He is a Professional Member in Institute for Engineering Research and Publication. Engineering Council of India (ECI) New Delhi has conferred to him the title of Registered Professional Engineer in Mechanical Engineering with Specialization in Industrial Engineering.

Speaker V



Dr. Nabendu Ghosh
Assistant Professor
Department of Mechanical Engineering
Jadavpur University
Kolkata, India

Plenary Presentation Title: Advancing Welding of Stainless Steels through Simulation, AI, and Sustainable Manufacturing: Towards Intelligent and Green Industry 4.0 Systems

Dr. Nabendu Ghosh is an Assistant Professor in the Department of Mechanical Engineering at Jadavpur University, Kolkata, India. He earned his B.Tech. in Mechanical Engineering from Birbhum Institute of Engineering and Technology in 2007, followed by an M.E. in Mechanical Engineering from Jadavpur University in 2010. In 2019, he was awarded a Ph.D. in Engineering from Jadavpur University, where his doctoral research focused on advanced welding techniques and their application to manufacturing processes. Prior to joining Jadavpur University in 2018, Dr. Ghosh served for over a

decade as an Assistant Professor at Techno India Banipur and SDET–Brainware Group of Institutions, where he gained extensive experience as both a teacher and a researcher. During this period, he actively contributed to curriculum development, student mentoring, and collaborative research initiatives, laying the foundation for his continued contributions to engineering education and research. Dr. Ghosh's research interests encompass welding processes, advanced manufacturing technologies, materials characterization, and structure–property relationships in engineering materials. His work combines experimental approaches with computational analysis, bridging fundamental materials science with applied engineering. He has successfully guided six M.Tech. scholars and one Ph.D. student to completion, and is currently supervising two Ph.D. researchers in the areas of welding metallurgy and manufacturing process optimization. His commitment to mentoring young researchers has significantly contributed to the growth of the next generation of engineers.

Dr. Ghosh has presented his research at several prestigious conferences, including the MATADOR Conference (Hangzhou, China, 2019) and the International Conference organized by Bule Hora University (Ethiopia, 2021). He has also published numerous papers in Scopus- and Web of Science-indexed journals and continues to contribute actively as a reviewer for international journals in the fields of materials science and manufacturing engineering. In addition to his research and teaching, Dr. Ghosh holds significant editorial responsibilities. He serves as an Associate Editor for Composites and Advanced Materials (Sage Publications), SAE International Journal of Materials and Manufacturing and Editorial Board Member for Scientific Reports (Springer Nature). His editorial experience has equipped him with strong expertise in manuscript evaluation, peer-review management, and maintaining the scientific rigor of international publications. Beyond his core academic work, Dr. Ghosh also serves as an external expert and advisory committee member at various universities and academic bodies. His contributions to academia, research, and professional service reflect his dedication to advancing the frontiers of welding and manufacturing sciences while inspiring young engineers and researchers to pursue innovation in these fields.

Speaker VI



Dr. Ramandeep Kaur
Professor, Computer Science | Researcher | Academic Leader
Institute of Information Technology and Management
Guru Gobind Singh Indraprastha University

Dr. Ramandeep Kaur is a Professor of Computer Science with more than 16 years of distinguished experience in academics, research, and institutional development. She holds a Ph.D. in Computer Science from Banasthali Vidyapith and an MCA from GGSIPU. Her research expertise spans software engineering, fault-tolerant systems, ICT in education, and Artificial Intelligence/Machine Learning. She has published more than 29 research papers in Scopus-indexed, ABDC-listed, and UGC CARE journals, and holds patents in the domain of computing and software systems. She has also authored and edited books, contributed to curriculum development at GGSIPU, and actively integrates Outcome-Based Education (OBE), MOOCs, and AI-driven tools into her teaching practice.

Dr. Kaur is a recognized academic leader, frequently invited as a speaker and resource person in Faculty Development Programs, and has chaired multiple sessions at national and international conferences on innovative pedagogy, digital transformation, and AI adoption in education. She also provides academic leadership as IQAC and NAAC Cycle-3 Coordinator, significantly contributing to quality assurance and accreditation processes. Beyond academics, Dr. Kaur leads institutional and community initiatives as NSS Program Officer and Institutional Coordinator for Unnat Bharat Abhiyan, driving social responsibility projects in collaboration with IIT Delhi and MHRD. She was also recognized in the International Teacher's Olympiad 2023 for her innovative teaching

practices. A dynamic professional, Dr. Kaur combines her passion for teaching and research with institutional leadership and community engagement, making her a sought-after voice in discussions on the future of higher education and technology integration.

Plenary – Industry 4.0 and Industry Solutions

November 8, 4:00 pm

Chair



Dr. V. Vasu
Professor of Mechanical Engineering
NIT Warangal &
Director for School of Smart Manufacturing, NAMTECH (Initiative of ArcelorMittal)

Topic: Human-Centered Innovation: Manufacturing in the Era of Industry 4.0 & 5.0

Dr. V. Vasu is a Professor of Mechanical Engineering at the National Institute of Technology (NIT) Warangal and currently serves as Director of the School of Smart Manufacturing at NAMTECH, an initiative by ArcelorMittal and Nippon Steel. He earned his Ph.D. from JNTU Hyderabad and completed postdoctoral research at Politecnico di Milano, Italy, under the prestigious Erasmus Mundus fellowship. His expertise spans Mechatronics, Industrial Automation, Robotics, the Industrial Internet of Things (IIoT), and Artificial Intelligence in Smart Manufacturing. Dr. Vasu has published over 75 research papers in reputed international journals and conferences, holds five patents, and has supervised 10 Ph.D. scholars. He has also guided 35 M.Tech students and developed national-level online

courses on Mechatronics and Control Systems under MHRD-ICT. He has successfully executed sponsored research projects worth ₹1.75 crore. A recipient of several prestigious awards, including the Young Engineer Award and the Outstanding Engineer Award, he coordinates multiple Centres of Excellence in Digital Manufacturing, Smart Factory, and Virtual & Augmented Reality at NIT Warangal.

Speaker I

Speaker II

Speaker III

Speaker IV

Speaker V

Speaker VI

Mohammed Arshath Parvez is a development professional with over nine years of experience in the sector. A generalist by approach, he currently works at the intersection of equity, worker well-being, and responsible business – in the social sustainability space. Previously, he supported organisations in strengthening policy and systems thinking to build robust and inclusive education ecosystems, contributing to government-led initiatives at both state and national levels. His work spans research, data-driven decision-making, and designing frameworks for systemic transformation grounded in contextual realities. Known for his deep curiosity and commitment to continuous learning, Arshath actively enables the systems he works with—fostering leadership, trust, and collaboration toward inclusive development rooted in dignity, dialogue, and structural change.

Speaker VI

Panels

Global Supply Chain and Logistics Panel

November 6, 4:00 pm

Chair

Dr. Subashini R
VITBS, VIT

Speakers



Dr. G.S. Vijaya
Professor & Area Chair – Decision Science Area (LSCM & SOM)
Faculty of Management Studies
CMS Business School
JAIN (Deemed-to-be University)

Title of the Presentation: Resilient and Sustainable Global Supply Chains: Navigating Disruptions in an Uncertain World

Dr. G.S. Vijaya, BE (E& EE), MBA, PHD (BIT Mesra) is currently working as Professor and Area Chair -Decision Science, Faculty of Management studies, CMS Business School, JAIN (Deemed-to-be University). With a career spanning over 28 years, she has held significant roles in both academia and industry, working at various prestigious Indian universities and Al Yamamah University in Saudi Arabia. She is a Life Member of the Indian Society for Technical Education, the International Association of Engineers in Singapore, and the Quality Circle Forum of India. Her commitment to advancing education and research is evident through her mentorship of seven research scholars who have earned their PhDs under her guidance and she has contributed to the intellectual property domain with three patents. She has published more than sixty papers and seventeen book chapters.

She has presented research papers at prominent institutions and conferences. Her work has been showcased at Indian Institutes of Management (IIMB and IIMK), the Steel Authority of India Limited (SAIL), and international forums such as the International Institute of Social and Economic Sciences (IISES) in Venice -Italy, Eurasian conferences at Valencia-Spain, London-UK, Vienna- Austria and Paris – France. Furthermore, her expertise has been recognized in technical sessions and as a speaker at few Indian and Eurasian conferences.

Dr. Saurabh Pratap Singh
Ph.D. (IIT Kharagpur), Post Doc Fellow (HKU, Hong Kong)
Associate Professor
Department of Mechanical Engineering
School of Decision Sciences and Engineering
Indian Institute of Technology (IIT BHU)
Varanasi, India



Dr. Badri Toppur
Associate Professor of Business Analytics
Faculty Coordinator for the Operations and Analytics Club
Rajalakshmi School of Business Chennai

Dr. Badri Toppur completed his PhD in Industrial Engineering & Operations Research from University of Massachusetts, Amherst in 2002. His PhD research was in the area of heuristics for network design using Computational Geometry. On returning to India, he accepted a teaching appointment at the T. A. Pai Management Institute, Manipal. After gaining considerable teaching experience there with PGDM students, he moved to Great Lakes Institute of Management, Chennai where he taught for a further four years. The students there were with at least 1.5 years of work experience in the corporate world, and the interaction with them made the teaching more challenging in the fast-track programme. He has since then been teaching at Rajalakshmi School of Business as an Associate Professor in Analytics, an up-and-coming B-School that is part of a large educational group in South India. In addition to Business Statistics, his current areas of interest are in Business Forecasting and Machine Learning, using Python and R. He has published papers in reputed journals, on various topics in Scientific Management, collaborating with noted scholars and managers from his professional circle. He is a member of INFORMS and Operations Research Society of India and the Computational Geometry Society, and regularly presents his work at their conferences.

While teaching at Great Lakes Institute of Management (GLIM) he did his MBA in Global Energy jointly offered by GLIM and Bauer College, University of Houston, USA. His talk in this edition of the IEOM conference is based upon a collaboration with a chief technical manager from IOC who was also a participant in the same MBA program.

Subrat Kumar Sahoo
IIMV

Professor. Ashish Agarwal
Ex. Director (SOET) Programme Coordinator MBA (Logistics and Supply Chain Management & PGCIPWS (Post Graduate Certificate in Inventory Planning & Warehousing Systems)
School of Engineering & Technology
IGNOU New Delhi

Dr Pratibha Dharmavarapu, M.Tech, Ph.D
Assistant Professor,

Department of Mechanical Engineering
Assistant Director,
Office of Industry Alliances
Anurag University,
Venkatapur, Jodimetla, Hyderabad

Professor Ashish Agarwal
Professor Operations Management
School of Engineering & Technology (SOET)
Indira Gandhi National Open University (IGNOU)
New Delhi, India

Professor Ashish Agarwal is Professor School of Engineering & Technology IGNOU New Delhi. He has more 33 years of teaching experience at IGNOU New Delhi. Prior to this, he taught in MNNIT Paryagraj UP. He earned his PhD in the area of Logistics and Supply Chain Management from IIT Delhi. He is a Programme Coordinator MBA Logistics and Supply Chain Management and Post Graduate in Inventory Planning and Warehousing System. Earlier he had coordinated B.Tech Mechanical in Computer Integrated Manufacturing. He has supervised more than 17 PhD students in the area of Supply Chain Management, Green Supply Chain, Last Mile Delivery, and Total Quality Management. He has more than fifty research publications in International Journals. He is associated at Reviewer of International Journals. He is life member of Indian Institution of Industrial Engineering Mumbai, Institutional of Engineers, and Indian Society of Technical Education. He holds the post of Joint Secretary National Council Indian Institution of Industrial Engineering Mumbai.

Women in Industry and Academia (WIIA) Panel sponsored by Ford Motor Company

November 7, 4:00 pm

Chair – VIT faculty

Speakers



Ms. Ojas Bhandarkar
B.Tech, Mumbai University
First Officer, IndiGo Airlines
Mumbai, Maharashtra, India

Ms. Ojas Bhandarkar is a Commercial Pilot with IndiGo Airlines and holds a B.Tech in Electronics Engineering from Mumbai University. Her career reflects a unique combination of technical expertise, analytical acumen, and communication skills—shaped through diverse experiences across research, corporate, and aviation sectors. Before joining aviation, she interned at the prestigious Bhabha Atomic Research Centre and gained valuable corporate exposure in marketing with CRISIL Research. Currently serving as a First Officer, Ms. Bhandarkar approaches aviation with precision, discipline, and professionalism. A Member of the Indian Institution of Industrial

Engineering (IIE), she has anchored six CEO conferences and was recognized with the Employee Brand Ambassador Award for her outstanding contributions. Passionate about continuous learning and leadership, she strives to inspire others in the aviation industry through her dedication and multifaceted experience.



Dr. Manasi Vyankatesh Ghamande
Assistant Professor
Vishwakarma Institute of Technology, Pune
India

Dr. Manasi Vyankatesh Ghamande has done a PhD from Singhania University, Rajasthan in 2021. She has been working at Vishwakarma Institute of Technology, Pune, since 1991 as an Assistant Professor in the First Year Engineering Department. She has more than eight papers published in Scopus-indexed journals and forty patents granted in her name, and six book chapters.

Ar. Nahida Abdulla
Arch Ayri – Digital Platform
Maharashtra, India

Presentation Title: Beyond Multi-tasking

In an era where Architects are looking forward to designing newer buildings, Ar. Nahida Abdulla stands out from the crowd by being known as an Architect for a social cause who provides realistic and cost-effective design solutions to transform buildings into sustainable spaces. She is a Researcher for sustainable design wherein she transforms her observations into writing and is the face behind the Architectural & Sustainability Narratives platform Arch Ayri, a knowledge sharing platform. She is an experienced development practitioner having taught rather encouraged stakeholders on multi-disciplinary subjects professional grooming, academic upliftment and positive thinking including participants from countries like Nepal – Bhutan through online programs.

Global Engineering Education Panel

Leveraging IEOM to Enhance Industrial Engineering Education in India

November 8, 2:00 pm

Chairman:



Professor Emeritus Devinder Kumar Banwet
VC (Founding) UEM Kolkata, Ex HOD DMS IIT Delhi
Fellow IEOM, Global Council Member IEOM

Prof. Dr Devinder Kumar Banwet is Vice Chancellor Founding Retd. of University of Engineering & Management, Kolkata India. Prof Banwet is a Distinguished Honorary Professor (SCM & Operations Management) of IIM Jammu. He is an Emeritus Professor of DMS IIT Delhi in the area of Operations & Supply Chain Management, Industrial Systems Engineering, Infrastructure Project Systems Management, TQM, DSS, Operations Research Applications, Prof Banwet is a graduate Mechanical Engineer, with Master of Industrial Engineering and a PhD (Industrial Engg. / Production Management) from IIT Delhi.

Previously he served as a first engineering faculty member of University Business School of Panjab University at Chandigarh for a decade, next to CSMS IIT Delhi was Professor HAG) in DMS IIT Delhi and Chairman of 2 Interdisciplinary Programmes ASRP Applied Systems Research Program and Entrepreneurship Program at IIT Delhi, after being Professor Emeritus for 4 + years, became Founding Vice Chancellor of the University of Engineering and Management at Kolkata. He has made significant contributions in publications related to Operations Management. His areas of research interest include Operations Management, Supply Chain and Logistics, Services Management, Project Management, IT-enabled DSS, Industrial Systems Engineering, Total Quality Management, Manufacturing Strategy, Technology Management, Materials Inventory Management, Facilities Planning, Operations Research Systems Modelling, Telecom Systems and Entrepreneurship Management.

Prof Banwet has more than 40 years of academic teaching, research and administrative experience Prof Banwet has guided 35 + PhD projects: 200+ PG Projects, has many research publications in reputed journals in India and abroad, Has had prestigious assignments at Kuwait Institute for Scientific Research, University of Sorbonne at Paris, Asian Institute of Technology Bangkok;

Awarded Lillian Gilbreth Award of IIIE, Best Engineer Award IE, India, PMI Distinguished Researcher Award, Dewang Mehta Award, Pioneer Award of SCM, IEOM Award, Life Time Achievement Award of POMS & SOM India, ISTD India, President of professional Societies Decision Science Institute of USA India Chapter, National President Past ISTD, Chairman IIIE Delhi Chapter, Chairman BOS IIMM Prof Banwet is on the Governing Board of many Professional Institutes of Technology, and Management, and usually Chairman of many NBA Nat Board of Accreditation team expert visits.

Speaker I:



Professor Dr Arshinder Kaur
DOMS, IIT Madras, India

Dr. Arshinder Kaur has been working as Professor of Operations & supply chain Management in the department of Management Studies at IIT Madras since July 2008. She is Co-Head of IITM-FedEx-SMART center at IIT Madras. She has also worked as Senior Lecturer in Curtin Business School for the year 2014. Arshinder's doctoral work (PhD thesis) on the topic 'Supply Chain Coordination' was accepted as a Highly Commended Award Winner of the 2008 Emerald/EFMD Outstanding Doctoral Research Award. Her teaching interests are Manufacturing & Services Operations Management, Supply chain & Logistics Management, Strategic Sourcing, Global Risk Management, Industrial Engineering, and Operations Research. Her research interests are Supply Chain Contracts and coordination, Food supply chain, Sustainable & Closed loop supply chain, Inventory control, Service supply chain, Last mile Logistics.

Her research has appeared in refereed journals (more than 45 articles) such as Int. Trans. In Operational Research, Ann. of Operations Research, Omega, Int. J. of Production Economics, Computers & Industrial Engineering, Journal of Cleaner Production, Benchmarking, J. of Knowledge Management, Sustainability and Int. J. of Logistics Research and Application, among others.

She is ad-hoc reviewer to many reputed international journals and Associate Editor of OPSEARCH. She has guided 10 doctoral research scholars and 11 MS (by research) students. The ongoing research scholars are working in supply chain contracts in Agro-based supply chains, returns management in Omni-Channel retailing, Traceability using block chains, last-mile logistics including newer transportation modes like EVs and drones etc. She has got sponsored projects from the agencies like DST, India, Science & Technology Facilities Council (STFC)- GCRF, UKRI, and exploratory research funds from IIT Madras.

She has coordinated many continuing education and training programs for faculty and industry like Daimler, HAL, Areva, GMMCO, etc. She has been visiting University of Passau and Hof University (under Erasmus-Mundus), Germany as guest faculty. She has Honorary Appointment as a Key Technology Partner Visiting Fellow at University of Technology Sydney in UTS Business School, Australia in May 2017. She has initiated Joint Doctoral Programs with foreign universities. She has been contributing as an Assessor for Australia Research Council (ARC). She has been a part of many sponsored projects funded by UKRI, DST and IIT Madras (CSR, socially relevant projects). She has served for various academic administrative activities of the department and the Institute. She is holding membership of POMS and POMS India chapter, SOM India and ISM.

Speaker II:

Prof Dr. Dillibabu
HOD Industrial Engg
Anna University Chennai, India

Dr. R. Dillibabu, is a Professor in the Department of Industrial Engineering at Anna University, Chennai, where I have been deeply engaged in teaching, research, and innovation for over two decades. Dr Dillibabu is a Ph.D. in Quality Control and Assurance from Anna University and since then has a passion for advancing quality systems and operational excellence has guided every facet of his work.

He has published 36 international journal papers in reputed platforms such as Knowledge and Information Systems, Soft Computing, Computers and Electronics in Agriculture, and The Scientific World Journal. His research primarily focuses on software quality, risk prediction, process optimization, and intelligent decision-making systems, integrating methodologies such as fuzzy logic, multi-criteria decision-making and AI-driven analytics to enhance system performance and reliability. Is credited with five patents, including innovations in AI-powered business process automation, personal health assistance devices, stress-tracking technology, and deep learning based 3D image synthesis. Each of these reflects my commitment to developing intelligent, scalable solutions that connect engineering precision with real-world applicability.

Internationally, Dr Dillibabu has represented Anna University through the Erasmus Programme at UPM, Madrid, and delivered invited lectures in Muscat, Oman, on the implementation of Total Quality Management. I have also chaired and organized several international conferences, most recently serving as Organizing Secretary for ICAIEA 2022. As a researcher, mentor, and innovator, my vision is to create impactful bridges between academic research and industrial application transforming quality from a procedural concept into a dynamic driver of sustainable growth and technological advancement across disciplines and industries.

Speaker III:

Capt Dr. Bhaskar M Bhandarkar
Former Chairman MRDB Institution of India
Vice President, the Institute of Marine Engineers India

Capt Dr. Bhaskar M Bhandarkar, Former Chairman MRDB Institution of India and Vice president of the Institute of Marine Engineers India, is a multifaceted personality. Captain was the Engineering Officer on board INS Chakra, the first Nuclear Submarine operated by the Indian Navy. He participated in the IPKF operations in Srilanka. He is credited with the National Record of winning the "Prime Minister's Trophy" For three consecutive years. Commander has Graduate degrees in Science and Engineering; Master's degrees in Engineering and Management; and PhD from Birla Institute of Technology. He is a Gold medallist from NCDC, GOI, MHA, Nagpur. He was the commissioning Officer-in-Charge of Kursura Submarine- Museum – The unique engineering marvel.. The Captain was commended by the Flag officer commanding in Chief Eastern Naval Command twice for his professional acumen, dedication, and achievements. Mr Bhandarkar is actively associated with many Professional and Social institutions.. He is a Board Member of the Asia Pacific Industrial Engineering and Management Society Japan and a Fellow of IEOM USA.

Speaker IV:

Prof. Dr. V. R. Pramod
Retd Professor NSS College of Engineering
Palkhad Kerala, India

Dr V R Pramod is a retired Professor from the Department of Mechanical Engineering at NSS College of Engineering in Palakkad, India. He has a B. Tech in Mechanical Engineering from the University of Kerala, an M.Tech in Maintenance Engineering and Management from the Indian Institute of Technology Madras. He got PhD in Maintenance Engineering from School of Engineering, Cochin University of Science and Technology for his thesis titled "MQFD: A Model for synergizing TPM and QFD". He got another PhD in Supply Chain Management from the Department of Management Studies of Indian Institute of Technology in Delhi. His thesis titled "Study on Select Performance Related Issues in Service Sector Supply Chain". He has a wealth of experience including seven years in the industrial sector in India and the UAE and 23 years in the field of education, Dr. Pramod is a highly regarded expert in his field.

He has made significant contributions to academia and industry through his research and publication of over 20 papers at prominent national and international conferences, as well as 60 papers in highly regarded international journals. He has also guided 10 PhD students to successful completion and is currently supervising 6 research scholars pursuing PhDs from various universities. His current areas of research focus on Industrial Maintenance, Quality Engineering, Engineering Education, Supply Chain Management, Telecom Logistics, and Service Management.

Some among the major hallmarks among the carrier of DR. V. R. Pramod include a Book Chapter Contribution: P.R.S.Sarma and V.R.Pramod, (2013) "Structural Flexibility in Supply Chains – A Fuzzy ISM and FMICMAC Approach" Springer, has 3 Patents, Served as reviewer for international Journals, 4. He has delivered many talks in Professional bodies. 5. He conducted two national and one international conferences at NSSCE, He has taught more than 25 subjects for UG and PG. 7. He Conducted an ISTE Short Term Course on "Maintenance Engineering and Management" at NSSCE. He Coordinated Workshop on "MODERN TRENDS IN ENGINEERING ADMISSION" at NSSCE. He Handled many responsibilities in College like Programme officer, National service scheme and Secretary ISTE Students Chapter. His hobbies are Astrology and Agriculture.

Speaker V:



Prof Dr Ramesh Anbandan
DOMS IIT, Roorkee, India

Dr. Ramesh Anbandan is a Professor at the Department of Management Studies and Head of the Centre for Transportation Systems (CTRANS) at the Indian Institute of Technology (IIT) Roorkee. With a Ph.D. in Supply Chain Management from IIT Delhi and a strong academic foundation in engineering, he has cultivated a distinguished career in both teaching and research. His core research interests span sustainable transportation logistics, humanitarian and healthcare supply chains, waste management, and the industrial Internet of Things. Over the years, he has supervised 13 Ph.D. scholars and numerous M.Tech and B.Tech theses.

Dr. Anbandan has published over 100-refereed journal and conference papers, with a Google Scholar h-index of 32. He has been recognized with several awards, including IIT Roorkee's Outstanding Teacher Award in 2022. He has also led and collaborated on major research and consultancy projects funded by national agencies and industries. His contributions extend to curriculum development, editorial roles, and international academic collaborations, establishing him as an expert in the field of sustainable logistics and supply chain management in

India.

Speaker VI:



Prof Dr Ram Kumar Mishra
Ex DG of IPE Hyderabad, India

Dr. Ram Kumar Mishra, former Senior Professor, and Former Director, ONGC Subir Raha Chair Professor of Corporate Governance and NLCIL Chair Professor of CSR at the Institute of Public Enterprise, is a graduate of the International Management Program, SDA Bocconi, Milan, Italy. He has been a Fellow of the British Council and Commonwealth Secretariat. He has had research stints at London Business School and Maison Des Sciences De L' Hommes, Paris. He has taught at the University of Bradford, the United Kingdom, and has been a Visiting Professor at Maison Des Sciences De L' Hommes, Paris, UN International Centre for Public/Promotional Enterprises, Slovenia, University of Technology Mara, Malaysia, Faculty of Economics, University of Ljubljana, Slovenia, Sri Sri University, India and University of Johannesburg, South Africa. He was a member of the UN Task

Force on Standards of Excellence in Public Administration and Education. He has been a Management Consultant for several organizations including DFID, Deloitte, Adam Smith Institute, ADB, and the Centre for Good Governance.

He was associated with the UNDP project on Macro Economics of Poverty Reduction carried out by RBI Indira Gandhi Institute of Development Banking and Research. He was a team member of the State Fiscal Restructuring Project of the National Institute of Public Finance and Policy. He was Vice-President, International Association of Schools and Institutes in Administration (IASIA), Brussels. He was the Chairman of the Working Group II: Public-Private-Partnership and Enterprise Management constituted by the IASIA. He was chosen for the Australian Leadership Award by the Australian Agency for International Development (AUSAID). He was a symposium presenter, Academy of Management, Annual Conference, MIT, Boston, USA.

Six Sigma Yellow Belt Exam

November 6, 2025 (Thursday): 5:30 – 7:30-Workshop, 7:30 – 8:30 pm Exam

Six Sigma Workshop



Dr. Ahad Ali

Associate Professor

Director, Doctor of Engineering in Advanced Manufacturing

Director of Industrial Engineering Programs (BSIE & MSIE)

A. Leon Linton Department of Mechanical, Robotics, and Industrial Engineering

Lawrence Technological University, Southfield, Michigan, USA

Executive Director, IEOM Society International

Dr. Ahad Ali is an associate professor, director of doctor of engineering in advanced manufacturing and director of industrial engineering programs (BSIE & MSIE) at A. Leon Linton Department of Mechanical, Robotics, and Industrial Engineering of the Lawrence Technological University (LTU), Southfield, Michigan, USA. He established the Siemens Electro-Matic Industrial Engineering Lab at LTU. Dr. Ali was the primary author of the ABET self-study report of the BSIE Program at LTU in 2022. He earned a BS in Mechanical Engineering from Khulna University of Engineering and Technology (KUET), Bangladesh, a Master's in Systems and Engineering Management from Nanyang Technological University, Singapore, and a Ph.D. in Industrial Engineering from the University of Wisconsin-Milwaukee, USA. Dr. Ali was an Assistant Professor in Industrial Engineering at the University of Puerto Rico - Mayaguez, a Visiting Assistant Professor in Mechanical, Industrial, and Manufacturing Engineering at the University of Toledo, and a Lecturer in Mechanical Engineering at the Bangladesh Institute of Technology, Khulna. He received an Outstanding Professor Award from the Industrial Engineering Department, University of Puerto Rico - Mayaguez. Dr. Ali has been recognized with a Fulbright Award. He has published 75 journal papers and 150 conference papers. Dr. Ali conducted research projects with Chrysler, Ford, DTE Energy, New Center Stamping, Whelan Co., Delphi Automotive System, GE Medical Systems, International Truck and Engine Corporation (ITEC), and Rockwell Automation. His research interests include manufacturing systems, quality, lean, six-sigma, simulation, artificial intelligence, supply chain, and optimization. He supervised 11 doctoral students in Doctor of Engineering in Manufacturing Systems (DEMS). He is a founding team member and Chief Executive Officer (CEO) of IEOM Society International. Dr. Ali is a Co-Chair of the International Conference on Industrial Engineering and Operations Management. Dr. Ali organized IEOM conferences around the globe on six continents including Dhaka, Kuala Lumpur, Istanbul, Bali, Dubai, Orlando, Detroit, Rabat, Bristol, Bogota, Paris, Washington, DC, Lima, Johannesburg, Bangkok, Pilsen, Toronto, Costa Rica, Monterrey, Sao Paulo, Riyadh, Manila, Melbourne, New Delhi, Sydney, Augsburg, Tokyo, and Muscat. He is an associate editor of the IJIEOM. Dr. Ali is a member of IEOM, INFORMS, SME, and IEEE.

Six Sigma Certification Topics

Six Sigma Fundamentals

Define

Project Charter

Process Maps, SIPOC, Matrix Diagrams, Critical to Quality (CTQ) Metrics, and DPMO

Pareto Chart

SIPOC

Measure

Process analysis

Probability, Statistics and Distribution

Data collection and analysis

Gage Repeatability and Reproducibility (R&R)

Process capability

X-Bar Charts, Run Charts, Moving Average Charts,

EWMA Charts, Attribute Charts, Takt Time,

Standardization, Spaghetti Diagrams, and Setup

Reductions

Analyze

Value Stream Map

Hypothesis Testing

Goodness of fit test

Regression Analysis

Cause & Effect Diagrams

Scatter Diagrams

ANOVA

Confidence Interval

Improve

Lean Tools to reduce NVA: 5S, Kaizen, Seven Zeros,

TPS Principles, FMEA, and Simulation

Design of Experiments (DOE)

Statistical Process Control (SPC)

Analysis of Variance (ANOVA)

Solutions Validation

Control

Control Plan

SPC

Tracking

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Parallel Sessions

Thursday, November 6, 2025

	Room 1	Room 2	Room 3	Room 4 - Virtual
7:00 am	Registration			
08:00 – 09:30	Plenary – Innovation and Entrepreneurship	Sustainability, Green Systems and Energy	Artificial Intelligence and Data Science	8:00 – 11:00 am Undergraduate Paper Competition Undergraduate Research Competition AI-ML Competition Graduate Paper Competition Doctoral Dissertation Competition
09:30 – 10:00	Coffee Break			
10:00 – 10:30	Opening Ceremony			
10:30 – 11:00	Keynote: Prof Peeyush Mehta, Professor of Operations Management, Indian Institute of Management, Calcutta, West Bengal, India			
11:00 – 11:30	Keynote: Prof Sandeep Mondal, Professor, Management Studies and Industrial Engineering Department, Indian Institute of Technology, Dhanbad, Jharkhand, India			11:00 am – 1:00 pm – Virtual Human Factors, Ergonomics and Healthcare Systems
11:30 – 12:00	Keynote: Mr Aslam Sheriff, Chief Executive Officer, AH Group of Companies, Ranipettai, Tamil Nadu, India			
12:00 – 12:30	Keynote: Prof. Marcos Dieste, Assistant Professor of Operations Management, Università degli Studi di Padova, Italy			
12:30 – 1:00				
1:00 – 2:00	Lunch Break			
2:00 – 6:00 pm – Poster Session and Poster Competition (Bring your printed posters)				2:00 – 4:00 Virtual Artificial Intelligence and Data Science
2:00 – 3:30	Plenary – Machining and Digital Manufacturing	Artificial Intelligence and Data Science	High School STEM Competition	
3:30 – 4:00	Break			
4:00 – 5:30	Global Supply Chain and Logistics Panel	Automation, Robotics and Autonomous Systems	UG Research Competition UG Paper Competition SC and Logistics Competition	4:00 – 6:00 Virtual Automation, Robotics and Autonomous Systems
6:00 – 8:00				6:00 – 8:00 pm Virtual Lean Six Sigma and Op-Excellence

Friday, November 7, 2025

	Room 1	Room 2	Room 3	Room 4 – Virtual
7:00 am	Registration			
8:00 – 9:30	Plenary – Operations Excellence	Lean Six Sigma and Operations Excellence	Digital Manufacturing, Industry 4.0 and IoT	8:00 -11:00 am Virtual
9:30 – 10:00	Coffee Break			Supply Chain and Logistics Simulation Competition Master's Thesis Competition Lean Six Sigma Competition
10:00 – 10:30	Keynote: Prof Venkatesh V G, Vice-Dean (Global-Faculty Engagement), Professor of Supply Chain Management, EM Normandie Business School, France			
10:30 – 11:00	Keynote: Prof Niles Perera, Professor in Supply Chain Management, University of Moratuwa, Sri Lanka			
11:00 – 11:30	Keynote: Dr Sube Singh, Assistant Professor of Supply Chain, Warwick Manufacturing Group (WMG), University of Warwick, UK			11:00 – 1:00 pm Virtual
11:30 – 12:00	Keynote: Prof Chithirai Pon Selvan, Director – Research & Head of School – Science and Engineering, Curtin University Dubai, Dubai, UAE			Engineering Management and Project Management Business Management and Operations Management
12:00 – 12:30	Keynote: Prof Dr. Prakash Divakaran, Vice-Chancellor, Himalayan University, Itanagar, Arunachal Pradesh, India			
12:30 – 1:00	Keynote: Industry			
1:00 – 2:00	Lunch Break			
2:00 – 3:30	Plenary/Panel - AI in Academia and Industry	Automation, Robotics and Autonomous Systems	Supply Chain and Logistics	2:00 – 4:00 Virtual
3:30 – 4:00	Break			Artificial Intelligence and Data Science
4:00 – 6:00	Women in Industry and Academia (WIIA) Panel	Business Management and Operations Management	Supply Chain and Logistics	4:00 – 6:00 pm Virtual Sustainability, Green Systems & Energy
7:00 – 10:00 pm	Conference Dinner			6:00 – 8:00 pm Virtual Human Factors and Ergonomics

Saturday, November 8, 2025

	Room 1	Room 2	Room 3	Room 4 - Virtual
7:00 am	Registration			8:00 – 11:00 am Virtual High School STEM Competition
8:00 – 9:30	Plenary – Manufacturing	Engineering Education and Curriculum Improvement	Sustainability, Green Systems and Energy	
9:30 – 10:00	Coffee Break			
10:00 – 10:30	Prof S. Vinodh, Professor in Production Engineering Department, National Institute of Technology, Tiruchirappalli, Tamil Nadu, India			
10:30 – 11:00	Keynote: Prof M. Rajmohan, Professor, Department of Industrial Engineering, Anna University, Chennai, India			11:00 am – 1:00 pm Virtual Simulation, Optimization and Productivity Improvement
11:00 – 11:30	Keynote: Dr Murugan Pattusamy, Assistant Professor, School of Management Studies, University of Hyderabad (UoH), Hyderabad, India			
11:30 – 12:00	Keynote: Prof K. Mathiyazhagan, Professor and Chairperson – Research Centre, Thiagarajar School of Management, Madurai, Tamil Nadu, India			
12:00 – 12:30	Keynote: Dr Prashant Atrey, Executive Director, NHPC Limited, India, Faridabad, Haryana, India			
12:30 – 1:00	Keynote: Industry			
1:00 – 2:00	Lunch Break			
2:00 – 3:30	Global Engineering Education Panel	Artificial Intelligence and Data Science	Manufacturing, Assembly and Design	2:00 – 4:00 pm Virtual Artificial Intelligence and Data Science
3:30 - 4:00	Break			
4:00 – 5:30	Plenary – Industry 4.0 and Industry Solutions	Supply Chain and Logistics	Sustainability, Green Systems and Energy	4:00 – 6:00 pm Virtual Manufacturing, Assembly and Design
6:00 – 8:00				6:00 – 8:00 pm Quality, Reliability and Maintenance

November 6, 2025 (Thursday)

7:00 am – 6:00 pm – Registration

November 6, 2025 (Thursday) – Session: 8:00 – 9:30 am

8:00 – 9:30 am, THURSDAY, November 6

Onsite Room 1

Plenary – Innovation and Entrepreneurship

Session Chair
Dr. Nagajyothi Koripella
Pro VC
Bharatiya Engineering Science & Technology Innovation University (BESTIU)
Gownivaripalli, Gorantla, Andhra Pradesh, India

Topic: Innovation and entrepreneurship

Speaker I (8:00 am)

Dr. Kandati Sai Chandu
Dean – Entrepreneurship Development Cell
Siddhartha Institute of Engineering & Technology (Autonomous), Puttur
India

Presentation Title: Innovation-Driven Entrepreneurship: Building Future-Ready Enterprises in a Global Economy with Zero Capital and Hands-on Experience

Speaker II (8:20 am)

Dr. Eriki Ananda Kumar
Ph.D. (Mech), M.Engg (CAD), B. Tech (Mech), DME, ITI(Welder)
Dean R&D
Professor of Mechanical Engineering
MJR College of Engineering and Technology
Piler, Andhra Pradesh, India

Title of presentation: Challenges in Blockchain LSCM into Industry 4.0 and IoT

Speaker III (8:40 am)

Dr. Debabrata Bhattacharjee
Professor
Techno India University
West Bengal, India

Presentation Title: Collaboration in Entrepreneurship

Speaker IV (9:00 am)

Ar. Nahida Abdulla
Arch Ayri – Digital Platform
Maharashtra, India

Presentation Title: Ecopreneurship: Affordable & Sustainable Entrepreneurship

Speaker V (9:20 am)

Dr. Seema Singh
Professor of Economics
Delhi Technological University, India
Research Fellow, INTI International University, Malaysia

Presentation Title: Why, What & How of Economics in Engineering Curricula: A Case of India

Speaker VI (9:40 am)

8:00 – 9:30 am, THURSDAY, November 6

Onsite Room 2

Session Chair:

Sustainability, Green Systems and Energy

ID	134	Comparative Study and Performance Optimization of Local Beach Sands for Sustainable Abrasive Jet Machining of Mild Steel	Sustainability, Green Systems and Energy	AJIT GAONKAR	Goa College of Engineering	India
ID	55	A Taxonomy of Sustainability Indicators in the Banking Sector	Sustainability, Green Systems and Energy	Durgaprasad Ayyagari	IISc Bengaluru	India
ID	166	An Explainable Machine Learning Framework Using Gradient Boosting For Accurate And Transparent Electricity Theft Detection From Smart Meter Time Series Data: Bridging The Gap For Indian Smart Grid Applications	Sustainability, Green Systems and Energy	Virinda Singh	SAVEETHA UNIVERSITY	India
ID	150	Analysis and Design Considerations for a Switched Reluctance Motor-based Drive System for an Electric Scooter	Sustainability, Green Systems and Energy	Abhinav m	ajayan Christ (Deemed to be University)	India
ID	296	Design and Evaluation of a Hybrid Solar-Grid System with Battery Storage for Improved Energy Efficiency in Buildings	Sustainability, Green Systems and Energy	Adarsh Sharma	Pandit Deendayal Energy University	India
ID	118	Design of hydrosentinal for matsya using image processing technique	Sustainability, Green Systems and Energy	Divya U	Sri sairam engineering college	India

8:00 – 9:30 am, THURSDAY, November 6

Onsite Room 3

Session Chair:

Human Factors, Ergonomics and Healthcare Systems

ID	354	A Systems-Based Approach to Digital Twin Implementation in Cardiovascular Care	Onsite	Human Factors, Ergonomics and Healthcare Systems	Ashaar Rasheed	State University of New York at Binghamton	United States
ID	355	Reimagining Cardiology Through Systems Science: From Models to Meaningful Change	Onsite	Human Factors, Ergonomics and Healthcare Systems	Ashaar Rasheed	State University of New York at Binghamton	United States
ID	356	Metaverse for Workplace Diversity – A Socio-Technical and Motivational Perspective	Onsite	Human Factors, Ergonomics and Healthcare Systems	Prabin Kumar	Panigrahi Indian Institute of Management Indore	India
ID	359	Simulation and Analysis of Titanium FML Composite Properties Using Ansys	Onsite	Simulation, Optimization and Productivity Improvement	Merrick Pappy Mathew	VIT Vellore	India

8:00 – 11:00 am, THURSDAY, November 6

Room 4 (Virtual-Zoom)

Session Chair: Dr. Mizanur Rahman, IEOM Australia

Undergraduate Student Paper Competition sponsored by Siemens

ID	139	A Sustainable Economic Order Quantity (EOQ) Inventory Model with Backordered Demand for IC Engines After Introduction of EV	Undergraduate Student Paper Competition sponsored by Siemens	Sujitha Panneerselvam	PSG College of Technology	India
ID	25	CO ₂ Utilization through Organometallic Catalysis: Strategies for Green Synthesis	Undergraduate Student Paper Competition sponsored by Siemens	Yaksh Dharod	institute of chemical technology	India
ID	316	Determining the Risk Factors Affecting the Work-Related Musculoskeletal Disorders Among Provincial Air-Conditioned Bus Drivers in Metro Manila Bus Hubs	Undergraduate Student Paper Competition sponsored by Siemens	Daniela Ysabel	Pena	University of Santo Tomas
ID	99	Factors Affecting the Purchasing Intention of Filipino Gen Zs in the Greater Metro Manila Area when Purchasing Sustainable Products on E-commerce Platforms	Undergraduate Student Paper Competition sponsored by Siemens	Annarose Pamela	Ricaro	University of Santo Tomas
ID	22	Impact of AI in employer branding on talent acquisition in the Delhi-NCR region	Undergraduate Student Paper Competition sponsored by Siemens	Vidushi Chaturvedi	JKBS	India
ID	57	Production Model to Increase OTIF Applying Lean Manufacturing Tools in a Footwear SME	Undergraduate Student Paper Competition sponsored by Siemens	Jorge Antonio	Corzo-Chavez	Universidad de Lima
ID	161	Sustainability by Green System: A Habitable Environment with Terrarium for Growing Garlic and Coriander	Undergraduate Student Paper Competition sponsored by Siemens	Sampada Juikar	Vivekanad Education Society	India
ID	105	The Leadership-Culture Nexus: A Mixed-Method Analysis of How Organizational Environment Influences Employee Performance in Professional Services Industries"	Undergraduate Student Paper Competition sponsored by Siemens	Bhawna	Jha	REVA University

Undergraduate Research Competition sponsored by Daikin Applied

ID	75	Tariffs, trade deficits and Public Debt: Rethinking the Policy Mix in a Global Economy	Undergraduate Research Competition sponsored by Daikin Applied	Riddhima Singh	Jumeirah college	United Arab Emirates
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AI-ML Competition

ID	275	AI and Emotion: Mapping Mental Health through Social Media Language	AI-ML Competition	Qutubuddin	Syed Mohammed	P.D.A.COLLEGE OF ENGINEERING	India
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ID	206	Smart Agrotech: A Machine Learning based Irrigation Management System using IoT	AI-ML Competition	Maheshwari
	Magdum	D Y PATIL COLLEGE OF ENGINEERING	India	

Graduate Student Paper Competition sponsored by Eaton Corporation

ID	93	Optimal Capacity addition in Indian States for Food Corporation of India	Graduate Student Paper Competition
	sponsored by Eaton Corporation	Atul Sharma	Indian Institute of Technology (IIT) Delhi India
ID	23	Summer Internship Project Report Managing the role of Talent Acquisition in ReNew	Graduate Student Paper
	Competition sponsored by Eaton Corporation	Vidushi Chaturvedi	JKBS India

Doctoral Dissertation Competition sponsored by Airbus

ID	167	Public Engagement and Sentiment Analysis of Social Media Content Generated by Organizations on Electric Vehicles	
	Doctoral Dissertation Competition sponsored by Airbus	Gaurav Sharma	Indian Institute of Technology Kharagpur India

Poster Competition

ID	88	INTEGRATION OF PHARMACOGENOMICS AND THERANOSTIC WITH NANOTECHNOLOGY. Poster
Competition	U	BhavanaPHARM D India
ID	13	Trafficx: A V2X-Efficient Smart Traffic Light System at Intersections for Emergency Vehicles and Civilians
	Poster Competition	Anjali Madhale Engineering College India

9:30 – 10:00 Coffee Break

November 6, 2025 (Thursday) – Session: 10:00 am – 1:00 pm

Keynotes – Room 1

10:00 – 10:30 Opening Ceremony

10:30 – 11:00 Prof Peeyush Mehta, Professor of Operations Management, Indian Institute of Management, Calcutta, West Bengal, India

11:00 – 11:30 Prof Sandeep Mondal, Professor, Management Studies and Industrial Engineering Department, Indian Institute of Technology, Dhanbad, Jharkhand, India

11:30 – 12:00 Mr Aslam Sheriff, Chief Executive Officer, AH Group of Companies, Ranippettai, Tamil Nadu, India

12:00 – 12:30 Prof Marcos Dieste, Assistant Professor of Operations Management, Università degli Studi di Padova, Italy

12:30 – 1:00

1:00 – 2:00 Lunch Break

11:00 am – 1:00 pm, THURSDAY, November 6

Room 4 (Virtual-Zoom)

Session Chair:

Human Factors, Ergonomics and Healthcare Systems

ID	108	Study on Perception and Utilization of Telemedicine Services: A Cross-Sectional Study Among Urban and Rural Respondents
	Human Factors, Ergonomics and Healthcare Systems	H D Manmohan M S Ramaiah University of Applied Sciences India
ID	324	A Review of Wearable Devices for Real-Time Driver Fatigue Detection Human Factors, Ergonomics and Healthcare Systems
	Prithvi Krishna Chittoor	SRM Institute of Science and Technology, Kattankulathur, Tamil Nadu, India. India
ID	325	A State of Art Survey on Myoelectric Prosthetic Arm Design and Recent Developments Human Factors, Ergonomics and Healthcare Systems
	Bhanu Priya Dandamahanti	SRM Institute of Science and Technology, Kattankulathur, Tamil Nadu, India. India

ID	326	A Systematic Review on Intelligent Systems for Automatic Table and Chair Height Adjustment in Office Workspaces	Human Factors, Ergonomics and Healthcare Systems	Bhanu Priya	Dandumahanti	SRM Institute of Science and Technology, Kattankulathur, Tamil Nadu, India.	India
ID	182	Behind the Fast Delivery: Occupational Health Risks in E-commerce Logistics functions	Human Factors, Ergonomics and Healthcare Systems	Rohit Gupta	Indian Institute of Management Sambalpur	India	
ID	323	Bridging Vision and Care: A Low-Cost Webcam Solution for Quantitative Autism Assessment	Human Factors, Ergonomics and Healthcare Systems	Prithvi Krishna	Chittoor	SRM Institute of Science and Technology, Kattankulathur, Tamil Nadu, India.	India
ID	78	COVID Crisis In the Classroom: Food Security and School Continuation	Human Factors, Ergonomics and Healthcare Systems	Bitu	Afsharinia	Indian Institute of Science, Bangalore	India

1:00 – 2:00 – Lunch

2:00 – 6:00 pm, November 6, 2025 (Thursday)

Poster Session and Poster Competition (Bring your printed posters)

Chair:

ID	289	Big Data Applications in Understanding the Airline Industry's Path to Recovery	Poster	Artificial Intelligence and Data Science	PUNEETH R A	M S Ramaiah University of Applied Sciences	India
ID	131	Terrestrial Lava Collecting Robot	Poster	Automation, Robotics and Autonomous Systems	Vimal	Kumar	
ID	165	SLEEP GUARD	Poster	Engineering Education and Curriculum Improvement	MOULI S	SRI SAIRAM	
ID	7	Thyroid dysfunction in general population	Poster	Global Design Competition	Poonam Negi	Medical India	
ID	170	Intelligent waste recycling unit	Poster	High School STEM Competition	Hitisha Reddy	Global Indian	
ID	162	Beyond Prediction Accuracy: Achieving Post Hoc Interpretability in Supplier Selection with Explainable AI	Poster				
ID	280	Process Improvement and Safety Enhancement in Prefabrication: Industrial Insights from Yanmar Training	Poster				
ID	14	WAVE—A Novel Strategic Framework for Sustainable Technology Transition: The Case of Toyota's Water Engine	Poster				
ID	113	Navigating Barriers to Aquaponics Adoption: Building Sustainable Supply Chains in Indian Agriculture	Poster	Supply Chain and Logistics	Satyam Kumar	Maulana Azad National Institute of Technology BHOPAL	India

November 6, 2025 (Thursday) – Session: 2:00 – 3:30 pm

2:00 – 3:30 pm, THURSDAY, November 6

Onsite Room 1

Session Chair:

Plenary – Machining and Digital Manufacturing

Chair

Speaker I (2:00)

Dr. Thirumurugan M
Associate Professor
B.S. Abdur Rahman Institute of Science & Technology
Chennai, Tamil Nadu, India

Speaker II (2:20)

Dr. Animesh Gupta
Professor of Practice
Chhatrapati Shahu Ji Maharaj University (CSJMU), Kanpur
India

Ex-President Steel Manufacturing
Strategic Corporate Supply Chain Expert
Advisor Vishwa Hindu Mahasangh

Speaker III (2:40)

Dr. Sachin M. Bhosle
Professor of Mechanical Engineering
Vidya Pratishthan's Kamalnayan Bajaj Institute of Engineering & Technology (VPKBIET)
Baramati, India

Speaker IV (3:00)

Speaker V (3:20)

2:00 – 3:30 pm, THURSDAY, November 6**Onsite Room 2****Session Chair:**

Artificial Intelligence and Data Science

ID	198	A Sequential and Progressive Multimodal Machine Learning Framework for Risk Assessment of Parkinson's Disease Using PPMI Data	Artificial Intelligence and Data Science	Harshita Kashyap	Vellore Institute Of Technology (Vit), Vellore	India
ID	224	AI-Driven Emotion Recognition for Autism Spectrum Disorder Using Facial and Speech Feature Fusion	Artificial Intelligence and Data Science	Deepti Sharma	Vellore Institute of Technology India	
ID	288	Artificial Intelligence Applications in Recruitment Optimization: A Machine Learning Approach to Talent Acquisition	Artificial Intelligence and Data Science	Manish Yadav	Harcourt Butler Technical University	India
ID	12	Calculating weights of criteria for MCDA techniques by ID3 decision tree induction algorithm for qualitative data	Artificial Intelligence and Data Science	Susmita Bandyopadhyay	The University of Burdwan	India
ID	286	Integration of Featured Selection and Neural Architectures for Accurate Diagnosis of Parkinson's disease - A Detailed Review	Artificial Intelligence and Data Science	Sivashankari Rajadurai	VELLORE INSTITUTE OF TECHNOLOGY	India
ID	140	A Deep Learning Ensemble Approach with Agronomic Weather Integration for District-Level Crop Price Prediction in Tamil Nadu	Artificial Intelligence and Data Science	Siddhanth Kanganda	Vellore Institute of Technology India	
ID	19	A Distributed Ledger Architecture for a Digital Health Wallet in Norway: Enabling Secure Healthcare Professional Authentication and Patient Data Management	Artificial Intelligence and Data Science	joao carlos ferreira	Himolde	Norway
ID	261	A Grid-Tuned LSSVM and Ensemble Learning Framework for Missing Data Imputation	Artificial Intelligence and Data Science	Souvik Das	NIT Rourkela	India

2:00 – 3:30 pm, THURSDAY, November 6**Onsite Room 3****Session Chair:**

High School STEM Competition

ID	110	A Modular IoT- and AI-Enabled Smart Irrigation System for Sustainable Household and Small-Farm Plant Care	High School STEM Competition	Arnav Goel	Shiv Nadar School Gurgaon	India
ID	136	ACIBAR High School STEM Competition	Pragyan Shukla	Chhnav	India	
ID	145	Bridging Simulation and Reality: Accident Risk Analysis Using CARLA Data	High School STEM Competition	SAMEEKSHAH	CLASS 12 STUDENT	India
ID	163	Engineering innovation to launch architecture, propulsion systems capable of sustaining hypersonic velocities, and thermal shielding for high-altitude performance	High School STEM Competition	Nihaal Reddy	Global Indian international school	India
ID	171	Fire alarm system for cow shed	High School STEM Competition	Manikyarao	Parnitha	Global Indian international school India
ID	168	HapticEye: A Novel Wearable Belt System for Enhanced Spatial Awareness and Obstacle Avoidance in Visually Impaired Individuals	High School STEM Competition	Siya Gupta	Jayshree Periwal International School	India
ID	135	IoT-Based LPG Cylinder Safety and Usage Tracker	High School STEM Competition	SUHRUTHKUMAR	GANDRAKOTA	ARCA GLOBAL INDIAN INTERNATIONAL SCHOOL India
ID	95	I-SRAVIA-Breaking The Wall Of Silence: Prototyping Testing and Validating	High School STEM Competition	Shraavya Mishra	Kendriya vidyalaya no 2 CRPF Bhubaneswar	India
ID	82	Wave Convergence and curvature: A hypothesis for Particle genesis	High School STEM Competition	Avyukt	Jindal Rukmini Devi Public School	India

2:00 – 3:30 pm, THURSDAY, November 6**Room 4 (Virtual-Zoom)****Session Chair:**

Artificial Intelligence and Data Science

ID	64	Advances in Data Science and Big Data Analytics: Techniques, Applications and Challenges	Artificial Intelligence and Data Science	Annie Sujith	Jyothy Institute of Technology	India
ID	254	AdVision: An AI-Powered Smart Billboard System for Real-Time Personalized Advertising	Artificial Intelligence and Data Science	Divya Mohan	AISAT	India
ID	283	Ai chatbot designed to provide personalized career guidance	Artificial Intelligence and Data Science	Kumar	New horizon college of engineering	India
ID	15	AI technology to create AI currency and link it to the whole India and give mobile phones especially smartphones	Artificial Intelligence and Data Science	SHIJO	GEORGEThe English and Foreign Languages University	India
ID	202	An Ensemble Stacking Framework for Explainable Urban Household-Level Water Demand Forecasting with Climate and Socio-Economic Factors	Artificial Intelligence and Data Science	Deepak Acharya K	Mangalore Institute of Technology & Engineering	India
ID	336	An Intelligent Healthcare System for Mothers, Children & Elders Using Machine Learning	Artificial Intelligence and Data Science	Kavya S	National Engineering College	India
ID	56	Aqua Purity - Water Quality Analysis using Machine Learning	Artificial Intelligence and Data Science	RANITA DEY	Camellia Institute of Engineering and Technology	India
ID	328	ARTIFICIAL INTELLIGENCE IN MEDICAL FIELD	Artificial Intelligence and Data Science	Megha Shete	PDA COLLEGE OF ENGINEERING, KALABURAGI	India

November 6, 2025 (Thursday) – Session: 4:00 – 6:00 pm

4:00 – 6:30 pm, THURSDAY, November 6**Onsite Room 1****Session Chair:**

Global Supply Chain and Logistics Panel

Chair

Speakers

Dr. G.S. Vijaya
 Professor & Area Chair – Decision Science Area (LSCM & SOM)
 Faculty of Management Studies
 CMS Business School
 JAIN (Deemed-to-be University)

Title of the Presentation: Resilient and Sustainable Global Supply Chains: Navigating Disruptions in an Uncertain World

Dr. Saurabh Pratap Singh
 Ph.D. (IIT Kharagpur), Post Doc Fellow (HKU, Hong Kong)
 Associate Professor
 Department of Mechanical Engineering
 School of Decision Sciences and Engineering
 Indian Institute of Technology (IIT BHU)
 Varanasi, India

Dr. Badri Toppur
 Associate Professor of Business Analytics
 Faculty Coordinator for the Operations and Analytics Club
 Rajalakshmi School of Business Chennai

Subrat Kumar Sahoo
 IIMV
 Professor. Ashish Agarwal
 Ex. Director (SOET) Programme Coordinator MBA (Logistics and Supply Chain Management & PGCIPWS (Post Graduate Certificate in Inventory Planning & Warehousing Systems)
 School of Engineering & Technology
 IGNOU New Delhi

Dr Pratibha Dharmavarapu, M.Tech, Ph.D
 Assistant Professor,
 Department of Mechanical Engineering
 Assistant Director,
 Office of Industry Alliances
 Anurag University,
 Venkatapur, Jodimetla, Hyderabad

Professor Ashish Agarwal
 Professor of Operations Management
 School of Engineering & Technology (SOET)
 Indira Gandhi National Open University (IGNOU)
 New Delhi, India

4:00 – 6:00 pm, THURSDAY, November 6**Onsite Room 2****Session Chair:**

Automation, Robotics and Autonomous Systems

ID	5	NOTE: Fields marked with a red asterisk * are required.	Automation, Robotics and Autonomous Systems	Ramkumar
	Arumainayagam	Yanbu Industrial College	Saudi Arabia	
ID	159	AI-Driven Rescue Robots for Efficient Human Detection During Earthquake Emergencies	Automation, Robotics and	
	Autonomous Systems	Sylesh D	Sri Sai Ram Engineering College	India
ID	141	Deep Reinforcement Learning for Autonomous Driving: A Comparative Study Across Towns and Weather Variations in CARLA	Automation, Robotics and Autonomous Systems	Manjula R
			Vellore Institute of Technology	India
ID	175	Design of hydrosentinal for matsya using image processing technique	Automation, Robotics and Autonomous Systems	Divya
	U	Sri sairam engineering college	India	
ID	295	DESIGN OF SMART DEVICE FOR SEWERS GAS DETECTOR AND ALERT SYSTEM	Automation, Robotics and	
	Autonomous Systems	Mohanasaraswathy p	Sri Sairam Engineering College	India

ID	126	Design of Smart Stair Climbing Wheelchair With Curved- Spoke Wheel Automation, Robotics and Autonomous Systems
	PRAVIN M	SRI SAIRAM ENGINEERING COLLEGE India

4:00 – 6:00 pm, THURSDAY, November 6**Onsite Room 3****Session Chair:**

Undergraduate Research Competition sponsored by Daikin Applied

ID	6	Development of Hybrid Nano-Reinforced Electrodeposited Coatings for Multifunctional Enhancement of Mild Steel
	Undergraduate Research Competition sponsored by Daikin Applied	Bethrand Nwankwojike Michael Okpara University of Agriculture Umudike Nigeria

Undergraduate Student Paper Competition sponsored by Siemens

ID	18	A 3-in-1 Hybrid Tractor System: Integrating Military-Grade CRDI, On-Farm Hydrogen Production, and Ethanol Blending for Sustainable Agriculture	Undergraduate Student Paper Competition sponsored by Siemens	MADHAV LAROYIAPAU, LUDHIANA India
ID	274	Modeling And Analysis Of Hopper for Smart Ration Distribution System	Undergraduate Student Paper Competition sponsored by Siemens	KALLETI VENKATESH GOUD HYDERABAD INSTITUTE OF TECHNOLOGY AND MANAGEMENT India
ID	158	Real-Time Accident Monitoring and Management System for Traffic Flow using Live CCTV Data with Prioritized Navigation Assistance for Emergency Response	Undergraduate Student Paper Competition sponsored by Siemens	Sasanka Bhushan Pulipati VIT Vellore India

Supply Chain and Logistics Competition sponsored by aThingz

ID	84	AI in Seed Supply Chain Forecasting and Simulation: A Dynamic Tool Incorporated with Conversational AI and Logistics Competition sponsored by aThingz	Raja Vadlamani SeedWorks International Ltd India
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4:00 – 6:00 pm, THURSDAY, November 6**Room 4 (Virtual-Zoom)****Session Chair:**

Automation, Robotics and Autonomous Systems

ID	123	Automada Weldro Mekhos	Automation, Robotics and Autonomous Systems	Mohanraj M	Sri Sairam Engineering college India
ID	120	Automated Greywater Management system	Automation, Robotics and Autonomous Systems	vall arasu	sri sairam engineering college India
ID	173	DESIGN AND FABRICATION OF MULTIPURPOSE AGRICULTURAL MACHINE	Automation, Robotics and Autonomous Systems	MAMATHEESWARAN R	SRI SAIRAM ENGINEERING COLLEGE India
ID	117	driver less car powered by solar energy	Automation, Robotics and Autonomous Systems	Prince Verma	Saraswati Vidya mandir inter CollegeIndia
ID	86	Petrol Level Detector and Fraud Indicator	Automation, Robotics and Autonomous Systems	KALYANI KADAM	Learning Links Foundation India
ID	257	A Multi-Criteria Decision Framework for PET-G Additive Manufacturing: Optimizing Process Parameters for Enhanced Tensile and Impact Performance Using TOPSIS and PROMETHEE	Digital Manufacturing, Industry 4.0 and IoT	Arun selvakumar T	SRM institute of science and technology India
ID	322	Development of a smart Vaccine Supply Ecosystem Powered and experimented by hyper tuned models	Digital Manufacturing, Industry 4.0 and IoT	Shweta Shweta	IIM Sambalpur India
ID	138	The Era of Digitalization: A Systematic Examination of Emerging Trends and Research Directions for Supply Chain 4.0	Digital Manufacturing, Industry 4.0 and IoT	Satchidananda Tripathy	SRM University-AP India

6:00 – 8:00 pm, THURSDAY, November 6**Room 4 (Virtual-Zoom)****Session Chair:**

Lean Six Sigma and Operations Excellence

ID	276	Customizing a Lean Six Sigma (DMAIC) Framework for Effective Implementation in Diamond Underground Mining Operations	Lean Six Sigma and Operations Excellence	Kennedy Modiri	MereothUniversity of Johannesburg South Africa
ID	334	Improving Delivery Time Index in Automotive Industry through Lean Service and TPM: A Case Study	Lean Six Sigma and Operations Excellence	Juan Carlos Quiroz Flores	Juan Carlos Quiroz Flores Peru
ID	183	Lean Six Sigma for the Optimization of the Operations Area of a Microenterprise in the Alcoholic Beverage Sector	Lean Six Sigma and Operations Excellence	Maria Alexandra Sarmiento	Universidad de Lima Peru
ID	58	Status of Lean Six Sigma in the Developing Countries: A Pilot study	Lean Six Sigma and Operations Excellence	KOPPIAHRAJ KARUPPIAH	SAVEETHA SCHOOL OF ENGINEERING, SAVEETHA INSTITUTE OF MEDICAL AND TECHNICAL SCIENCES India

Engineering Education and Curriculum Improvement

ID 363 Syllabus gap analysis and benchmarking
Goutham S Nair CEC Chengannur India

Virtual Engineering Education and Curriculum Improvement

November 7, 2025 (Friday)

7:00 am – 6:00 pm – Registration

November 7, 2025 (Friday) – Session: 8:00 – 9:30 am

8:00 – 9:30 am, FRIDAY, November 7

Onsite Room 1

Session Chair:

Plenary – Operations Excellence

Speaker I

Dr. Sanjib Biswas
Assistant Professor (Sr. Grade)
Decision Sciences & Operations Management
Amity Business School
Amity University
Kolkata, India

Presentation Title: Soft-Computing Analytics Framework for Strategic Decision Making

Speaker II

Dr. Jaydip Sen
Professor
Praxis Business School
Kolkata, West Bengal, India

Title – Machine Learning

Speaker III

Prof. V. Sivakumar
Professor and Head
Professor of Logistics Management
Alagappa University
Karaikudi, Tamil Nadu, India

Plenary Title: “Sustainable Global Supply Chains: Integrating Lean Systems, Green Technologies, and Startup Innovation.”

Speaker IV

Nachiket Patil
Senior Manager
Tata Consultancy Services
Pune, Maharashtra, India

Speaker V

Speaker VI

8:00 – 9:30 am, FRIDAY, November 7

Onsite Room 2

Session Chair:

Lean Six Sigma and Operations Excellence

ID 94	“World Class Supply Chain Excellence -Amazing Operational Brilliance of Mumbai Dabbawalas”	Lean Six Sigma and
Operations Excellence	RABI NARAYAN PADHI HINDUSTAN AERONAUTICS LTD - IIIMM India	
ID 87	Impact of Process Product and Social Performance on Digitalization of Indian SMEs	Lean Six Sigma and Operations
Excellence	Amit Surya BR Ambedkar National Institute of Technology Jalandhar Punjab India India	
ID 180	An artificial Intelligence and Reliability centered maintenance based Approach for Improving Machine Effectiveness in the	
Manufacturing Industry	Quality, Reliability and Maintenance Mustafa M. Nasr Taibah University Saudi Arabia	
ID 98	Incident Management in Recall of Medical Devices: Critical Elements Quality, Reliability and Maintenance Sandhya CG	
	Sree Chitra Tirunal Institute for Medical Sciences & Technology India	

ID	91	Optimization of cutting temperature during turning process to enhance the surface quality using a hybrid artificial intelligence				
		Quality, Reliability and Maintenance	Abdulmajeed	Dabwan	Taibah University	Saudi Arabia

8:00 – 9:30 am, FRIDAY, November 7**Onsite Room 3****Session Chair:**

Digital Manufacturing, Industry 4.0 and IoT

ID	160	A Hybrid Quantum-Classical Architecture For Energy-Efficient Predictive Maintenance In Industrial IoT Digital Manufacturing, Industry 4.0 and IoT	KAVIYA VARSHINI P S M	SAVEETHA SCHOOL OF ENGINEERING	India
ID	142	Design And Development Of IoT-Enabled Waste Segregation System Using AI-Driven Image Recognition			Digital Manufacturing, Industry 4.0 and IoT
			BHUVANESHWARAN M	Sri Sairam Engineering College	India
ID	333	Intelli-FiX: Additively Manufactured Modular Fixture with RFID and Real-Time Force Sensing for Closed-Loop Automation			
		Digital Manufacturing, Industry 4.0 and IoT	Pranav Kareparambil	Sunil	VIT VELLORE India
ID	203	Machine Learning-Based Energy Complexity Analysis for Predicting Optimal Data Structures in Work-Specific Efficiency Simulation, Optimization and Productivity Improvement	Shann Antony	Suresh	VIT Vellore India

8:00 – 11:00 am, FRIDAY, November 7**Room 4 (Virtual-Zoom)****Session Chair:**

Supply Chain and Logistics Competition sponsored by aThingz

ID	156	A novel forecasting framework for predicting relief item in post-disaster scenario using an ensemble approach			Supply Chain and Logistics Competition sponsored by aThingz
			Sima Kundu	Vinod Gupta School of Management	India
ID	349	Bridging the Efficiency–Sustainability Paradox: Integrating Environmental Stewardship into Supply Chain Performance			Supply Chain and Logistics Competition sponsored by aThingz
			ADITYA RANJAN	IIT KHARAGPUR	India
ID	89	Data-Driven Inventory Optimization and Automation in Multi-Plant Supply Chains To Reduce Stockouts and Excess Inventory			Supply Chain and Logistics Competition sponsored by aThingz
			Vinay Pandey	IGNOU	India
ID	249	Platform Based Supply Chain Coordination: A Bibliometric Analysis and Future Research Directions			Supply Chain and Logistics Competition sponsored by aThingz
			Mayank Pathak	Indian Institute of Management, Sambalpur	India
ID	353	Analyzing Milk Waste Factors in Dairy Inbound Logistics: A Grey-DEMATEL Approach			

Ayush Singh

International School of Business & Media,
Bangalore, Karnataka, India

Dr Anupam Ghosh

Vinod Gupta School of Management
Indian Institute of Technology
Kharagpur, West Bengal, India

Simulation Competition

ID	10	: A Data-Driven Investigation into Thrombotic Stroke Among Adults of Kerala – A Multivariate Analysis			Simulation
Competition			Nitheesh K Menon	Student	India

Master's Thesis Competition

ID	29	Mental stress in working personnel		Master Thesis Competition	Saswati Roy	National institute of technology, Warangal India
ID	63	Strategic Integration of Intellectual Innovative Capital and HR Practices: Examining the Mediating Role of Knowledge Sharing Platforms in Fostering Industry Innovation in the Indian Snacks Processing and Equipment Manufacturing Sector.				Master Thesis Competition
			Meena G	SRM Institute of Science and Technology, Kattankulathur	India	
ID	253	The AI Management of Electronic Administration Process in One Single Window Integration through an Extremely Protected Software				Master Thesis Competition
			SHIJO GEORGE	The English and Foreign Languages University	India	
ID	358	Implementation of Lean Manufacturing Tools to Increase Efficiency and Validate Equipment in the Production of Extrusion Hoses				Master Thesis Competition
			Arturo Realyvásquez-Vargas	Tecnológico Nacional de México/Instituto Tecnológico de Tijuana	Mexico	

Lean Six Sigma Competition

ID	104	Improving Efficiency In Manufacturing Through Lean & Six Sigma : A Case Study In VCR Systems			Lean Six Sigma
Competition			Parin Patel	SVNIT	India

AI-ML Competition

ID	366	A Comprehensive Review on the Applications of Explainable Artificial Intelligence in Healthcare, Agriculture, and Beyond			
Virtual		AI-ML Competition	Qutubuddin	Syed Mohammed	P.D.A.COLLEGE OF ENGINEERING India

9:15 – 9:40 Coffee Break

November 7, 2025 (Friday) – Session: 10:00 am – 1:00 pm**Keynotes – Room 1**

10:00 – 10:30 Prof Venkatesh V G, Vice-Dean (Global-Faculty Engagement), Professor of Supply Chain Management, EM Normandie Business School, France

10:30 – 11:00 Prof Niles Perera, Professor in Supply Chain Management, University of Moratuwa, Sri Lanka

11:00 – 11:30 Dr Sube Singh, Assistant Professor of Supply Chain, Warwick Manufacturing Group (WMG), University of Warwick, UK

11:30 – 12:00 Prof Chithirai Pon Selvan, Director – Research & Head of School – Science and Engineering, Curtin University Dubai, Dubai, UAE

12:00 – 12:30 Prof Dr. Prakash Divakaran, Vice-Chancellor, Himalayan University, Itanagar, Arunachal Pradesh, India

12:30 – 1:00

1:00 – 2:00 Lunch Break

11:00 am – 1:00 pm, FRIDAY, November 7**Room 4 (Virtual-Zoom)**

Session Chair:

Engineering Management and Project Management

ID	192	3D Space Rocket Design	Engineering Management and Project Management	Akshat Vyas Pandit
		Deendayal Energy University India		
ID	313	Application of Lean Manufacturing to Increase Productivity in an MSE in the Metalworking Sector	Engineering Management and Project Management	
		Luis Cuadra-Caballero Universidad de Lima Peru		
ID	48	Smart and Secure Insurance Claim System Using Blockchain and Machine Learning	Engineering Management and Project Management	
		Lokesh Varma Veltech University India		
ID	204	Aligning Indian insolvency law with an IP-driven startup economy	Entrepreneurship and Innovation	Vidya A R
		Christ Academy Institute of Law, Bengaluru India		
ID	230	Increasing the productivity of the value chain using precision agriculture	Entrepreneurship and Innovation	
		Americo leon chavez Universidad de lima Peru		
ID	317	Reassessing the Role of Venture Capital Support in IPO Outcomes Using a Data-Driven Analytical Framework : Evidence from		
		India Entrepreneurship and Innovation Bhuyashi Talukdar Indian Institute of Technology Kharagpur India		
ID	115	Selective Dynamic Glare Blocking Eyewear	Entrepreneurship and Innovation	deshna sharma Jayshree
		Periwal International School India		
ID	137	Yojana Setu: Inclusive Access to Government Schemes	Entrepreneurship and Innovation	Amrit Miglani
		Evolve Beyond the Basics India		
ID	362	A STUDY ON PMDJY SCHEME WITH SPECIAL REFERENCE TO VEMULAWADA MANDAL	Virtual Business	
		Management and Operations Management V V L SAMEERA NIT Warangal India		

Business Management and Operations Management

ID	153	Advocate Diary App: An AI-Powered SaaS Platform for Legal Case Management and Service Operations	Business Management and Operations Management	Kshitij Gulhane university student India
ID	128	Electric Vehicle Interventions for Improving Urban Public Bus Transit Services - A Literature Review	Business Management and Operations Management	Soumita Rakshit IIT Kharagpur India
ID	256	A Polar Case Study Approach to Digital Transformation Risk Management using SAP-LAP	Case Studies and Best Practices	Shishir Verma Indian Institute of Technology Delhi India

November 7, 2025 (Friday) – Session: 2:00 – 3:30 pm

2:00 – 3:30 pm, FRIDAY, November 7**Onsite Room 1****Session Chair:**

Plenary/Panel - AI in Academia and Industry

Chair

Dr. Nagajyothi Koripella
Pro VC
Bharatiya Engineering Science & Technology Innovation University (BESTIU)
Gownivaripalli, Gorantla, Andhra Pradesh, India

Topic: Innovation, entrepreneurship and startups

Speaker I

Manish Kumar Yadav
Country Head (Canada & Mexico)
Vice President (US, Canada, Mexico, and India)
Xforia Technologies Inc.

Speaker II

Dr. Amit Kumar Marwah
Professor, Department of Mechanical Engineering
Head-IQAC, Ranking, & Accreditation
Acropolis Institute of Technology and Research, Indore

Speaker III

Sandhya CG
Engineer G, Biomedical Technology Wing
Sree Chitra Tirunal Institute for Medical Sciences & Technology
Thiruvananthapuram, Kerala, India

Topic: Incident Management in Recall of Medical Devices: Critical Elements

Speaker IV

Dr. Manasi Vyankatesh Ghamande
Assistant Professor
Vishwakarma Institute of Technology, Pune
India

Speaker V

2:00 – 3:30 pm, FRIDAY, November 7**Onsite Room 2****Session Chair:**

Automation, Robotics and Autonomous Systems

ID	130	home security system with passive infrared sensor (PIR)	Automation, Robotics and Autonomous Systems	karthikeyan
	R	karthi India		
ID	122	IntelliGlow - Automated Street Lights for Enhanced Safety in Society	Automation, Robotics and Autonomous Systems	
	Ashok kumar	S Sri Sai Ram Engineering College India		
ID	174	K3 MARS Automation, Robotics and Autonomous Systems	JOTHI PRASATH S	sri sairam engineering college India
ID	196	Optimal Assembly Sequence Generation Using Flatworm Algorithm: An Experimental Approach	Automation, Robotics and Autonomous Systems	
	Bala Murali	Gunji Vellore Institute of Technology, Vellore India		
ID	144	Smart Waters: Edge AI, IoT, and Underwater Robotics for Pollution-Free Futures	Automation, Robotics and Autonomous Systems	
	Janardhanan	R Sri Sairam Engineering College India		

2:00 – 3:30 pm, FRIDAY, November 7**Onsite Room 3****Session Chair:**

Supply Chain and Logistics

ID	102	Optimal Pricing Strategies for Multiple Generations of New and Remanufactured Short- Lived Products Considering Consumer Behavior and Market Dynamics	Supply Chain and Logistics	Satchidananda Tripathy	SRM University-AP India
ID	107	Optimization of Chemical Supply Chains for Regulatory Compliance and Sustainability	Supply Chain and Logistics		
		Sathya Amritha Kannan RLE India Pvt Ltd India			
ID	61	Overcoming Supply Chain Challenges in Quick Commerce: Key Strategies	Supply Chain and Logistics	Ayush yadav	
		Ayush yadav Vellore Institute of Technology, Vellore India			
ID	149	Trust as a Behavioral Driver of Blockchain Technology in Supply Chains	Supply Chain and Logistics	Niles	
		Perera University of Moratuwa Sri Lanka			
ID	184	Uncovering the Barriers for Utilising Augmented Reality in a Supply Chain: A Literature Synthesis	Supply Chain and Logistics		
		Anand Gurumurthy Indian Institute of Management Kozhikode (IIMK) India			
ID	146	Judgmental Forecasting: A Comprehensive Review of the Past Half-Century	Supply Chain and Logistics	Shivani	
		Jaiswal Indian Institute of Technology Roorkee India			

2:00 – 4:00 pm, FRIDAY, November 7
Room 4 (Virtual-Zoom)
Session Chair:

Artificial Intelligence and Data Science

ID	277	Chordal-Decomposed Spectral Clustering: A Scalable, Interpretable Framework for Large Scale Network Analysis	Artificial Intelligence and Data Science	Renuga Mathan Kumar	Jai Shriram Engineering College India
ID	191	Comparative Analysis of Deep Learning Models for Automated Lung Disease Detection from Chest X-Rays	Artificial Intelligence and Data Science	Menaga S	Jai Shriram Engineering College India
ID	290	Designing an Intelligent Business Analytics Dashboard: ?For Healthcare Sector Pertaining to Techno Medical Equipment.	Artificial Intelligence and Data Science	shifali V.K. ruas	India
ID	4	Evaluating Classifiers on Human-Centric Behavioral Data for Predictive Modeling	Artificial Intelligence and Data Science	Khushi Sharma	Ajay Kumar Garg ENGINEERING College India
ID	284	Forecasting the Air Quality Index in New Delhi Using a Time Series-Based Ensemble Deep Learning Approach	Artificial Intelligence and Data Science	ALAMURISRI JAGADEESWARA RAO	Vellore institute of technology India
ID	80	From LSTM to BERT: A Deep Dive into Sentiment Analysis Models	Artificial Intelligence and Data Science	Ganesh Khekare	Vellore Institute of Technology, Vellore India
ID	236	GAN-Augmented Semi-Supervised Multimodal Deep Ensemble with Meta-Learner Stacking for Clinical Data Classification	Artificial Intelligence and Data Science	Praveen Raaj M	Velammal College of Engineering and Technology India
ID	187	Generative AI for Automated Design and Prototyping in Industrial Manufacturing	Artificial Intelligence and Data Science	Vijayasherry V	Vellore Institute of Technology India

November 7, 2025 (Friday) – Session: 4:00 – 5:30 pm

4:00 – 5:30 pm, FRIDAY, November 7
Onsite Room 1
Session Chair:

Women in Industry and Academia (WIIA) Panel sponsored by Ford Motor Company

Chair – VIT

Speakers

TBA

TBA

Manasi Ghamande

Ar. Nahida Abdulla

Arch Ayri – Digital Platform

Maharashtra, India

Presentation Title: Beyond Multi-tasking

In an era where Architects are looking forward to designing newer buildings, Ar. Nahida Abdulla stands out from the crowd by being known as an Architect for a social cause who provides realistic and cost-effective design solutions to transform buildings into sustainable spaces. She is a Researcher for sustainable design wherein she transforms her observations into writing and is the face behind the Architectural & Sustainability Narratives platform Arch Ayri, a knowledge sharing platform. She is an experienced development practitioner having taught rather encouraged stakeholders on multi-disciplinary subjects professional grooming, academic upliftment and positive thinking including participants from countries like Nepal – Bhutan through online programs.

4:00 – 5:30 pm, FRIDAY, November 7
Onsite Room 2

Session Chair:

Business Management and Operations Management

ID	231	An Integrated Approach with MOORA, AHP and TOPSIS Methods for Selection of Green-Lean Supplier Selection: A Case Study	Business Management and Operations Management	Arvind Jayant	Asian Institute of Technology, Bangkok	Thailand
ID	76	Are development indicators efficient estimators of economic growth ?	Business Management and Operations Management	Moid Uddin	Ahmad Scholeio Education adn Evolving Knowledge	India
ID	314	Evaluation of Technological Barriers in Cyber Insurance Adoption: An AHP Approach	Business Management and Operations Management	Subinoy Banerjee	Indian Institute Of Technology Kharagpur	India
ID	260	Predicting Audit Opinions with AutoML: Evidence from Indian Listed Firms	Business Management and Operations Management	T Shahana	VITBS VIT Vellore	India
ID	30	Application of Change of Origin method and RANDOM Numbers in Industrial Resin Flooring Evaluation.	Case Studies and Best Practices	Kishore Hoysal S	Saint Gobain Pvt Ltd - Weber Division	India
ID	49	Workplace Bullying Under the Skin of its Leader: A Case Study on a Promising B-School in India	Case Studies and Best Practices	THAKKOLU KUSHWANTH KUMAR	VIJAYANAGARA SRI KRISHNADEVARAYA UNIVERSITY, BALLARI	India

4:00 – 5:30 pm, FRIDAY, November 7

Onsite Room 3

Session Chair:

Supply Chain and Logistics

ID	50	A Deep Tech Framework for Resilient Pharmaceutical Supply Chain in India Using AI, Blockchain, and IoT	Supply Chain and Logistics	Nikul Tripathi	K.B. RAVAL COLLEGE OF PHARMACY	India
ID	232	A Study on Artificial Intelligence and data analytics in agri-food industry	Supply Chain and Logistics	Maithri	Ms Ramaiah University of Applied Sciences	India
ID	81	AI-Driven Inventory Optimization to Reduce Stockouts and Excess Inventory in Multi-Plant Supply Chains	Supply Chain and Logistics	Vinay Pandey	IGNOU	India
ID	124	Data-Driven Inventory Optimization and Demand Forecasting in the Automotive Supply Chain: A Case Study from India	Supply Chain and Logistics	Sumit Jamkar	Sipna College of Engineering & Technology, Amravati (Maharashtra)	India
ID	205	Identification of Key Factors for Technology Selection to Enhance Last-Mile Logistics Service Performance	Supply Chain and Logistics	Sanjib Biswas	Amity Business School, Amity University Kolkata	India
ID	273	Proposal for Improving Delivery Compliance through the Application of 5S, Kanban, and Standard Work in an Orthopedic Products Manufacturing Company	Supply Chain and Logistics	Carlos Urbina	Universidad de Lima	Peru
ID	223	Supply Chain and Logistics Optimization: A Case of Supply Chain Evolution	Supply Chain and Logistics	Pricewaterhouse Coopers Pvt. Ltd.	India	Arka Roy
ID	154	Three Echelon Supply Chain Coordination under Multiplicative Demand	Supply Chain and Logistics	Gupta	Indian Institute of Management Sambalpur	India

4:00 – 6:00 pm, FRIDAY, November 7

Room 4 (Virtual-Zoom)

Session Chair:

Sustainability, Green Systems and Energy

ID	100	Competition and Compliance in circular supply chain: A game theoretic model of OEMs, Remanufacturers and Regulators	Sustainability, Green Systems and Energy	Kaustov Chakraborty	Indian Institute of Management Sambalpur	India
ID	51	Embracing Green Consumerism: A Commitment to Sustainability and Eco-Conscious FMCG Products	Sustainability, Green Systems and Energy	Rachna Singh	Rajasthan Technical university kota	India
ID	185	Fuzzy Delphi Analysis of Battery-as-a-Service Procurement Strategies: Sustainable Mobility Insights from India and Global EV Markets	Sustainability, Green Systems and Energy	Rudra Prakash Pradhan	Indian Institute of Technology Kharagpur	India
ID	133	Graphene Quantum Dot in Detection and Treatment of Radioactive Liquid Waste Sustainability, Green Systems and Energy	Sustainability, Green Systems and Energy	Sipra Mishra	Veer Surendra Sai University of Technology, Burla, Odisha	India
ID	297	IoT-Enabled Smart Irrigation for Enhanced Water Management and Climate Resilience	Sustainability, Green Systems and Energy	Pamulapati Jahnavi	New Horizon Collage of Engineering	India
ID	90	Lean Carbon Mapping Approach to Optimize Paper Usage in Offset Printing Industries	Sustainability, Green Systems and Energy	Miruthubashini T	Kumaraguru College of Technology	India

ID 352 Swachh Shauchalaya, Sabka Hak Shauchalaya

Nahida Abdulla, Researcher, GVSU, Maharashtra, India

ID	361	Effect of Alkaline chemical treatment on the surface morphology and tensile characteristics of Diospyros ebenum fibers	Virtual Sustainability, Green Systems and Energy	INDHUSEKARAN NATARAJAN	SRM TRP ENGINEERING COLLEGE, TRICHY	India
ID	364	Piezoelectric Plate Prototype for Rural Power: Design, Testing, and Traffic-Based Simulation	Virtual Sustainability, Green Systems and Energy	Juan Carlos Quiroz Flores	Juan Carlos Quiroz Flores	Peru

6:00 – 8:00 pm, FRIDAY, November 7

Room 4 (Virtual-Zoom)

Session Chair:

Human Factors, Ergonomics and Healthcare Systems

ID	127	Improving Patient Satisfaction through a Hybrid Approach of Queuing Theory, Discrete-Event Simulation, and Service Quality in Admission and Appointment Scheduling at a Public Hospital	Human Factors, Ergonomics and Healthcare Systems	Alexandra
	Pinaud	Universidad de Lima	Peru	
ID	327	IoT-Enabled Smart Insole Development for Foot Pressure Distribution Measurement	Human Factors, Ergonomics and Healthcare Systems	
	Bhanu Priya	Dandumahanti	SRM Institute of Science and Technology, Kattankulathur, Tamil Nadu, India.	India
ID	193	MediSecure: Aadhaar-Enabled Biometric Patient Identification	Human Factors, Ergonomics and Healthcare Systems	
	Keerthana	J	Jyothy Institute of Technology India	
ID	3	Safety, Sanitary and Hygiene Study for Educational Institutes	Human Factors, Ergonomics and Healthcare Systems	
	Nahida	Shaikh	GVSN	India
ID	21	Ergonomics survey in the thread manufacturing industry by using Workplace Ergonomic Risk Assessment (WERA) method	Human Factors, Ergonomics and Healthcare Systems	
		Balaji	R	Student India
ID	20	Evaluation of OH&S hazards and associated risk in the fireworks industry using fuzzy logic	Human Factors, Ergonomics and Healthcare Systems	
	Deepan	K S	Student	India
ID	360	Ranking Individual Dispositions Affecting Organizational Energy in Hospitals: A Modified Delphi-AHP Approach	Virtual	
		MAINAK GHOSH	IIT Kharagpur	India

November 8, 2025 (Saturday)

7:00 am – 6:00 pm – Registration

November 8, 2025 (Saturday) – Session: 8:00 – 9:30 am

8:00 – 9:30 am, Saturday, November 8

Onsite Room 1

Session Chair:

Plenary – Manufacturing

Session Chair

Speaker I

Dr. Animesh Gupta
Professor of Practice
Chhatrapati Shahu Ji Maharaj University (CSJMU), Kanpur
India

Ex-President Steel Manufacturing
Strategic Corporate Supply Chain Expert
Advisor Vishwa Hindu Mahasangh

Speaker II

Dr Subhash Chandra Panja
Professor
Department of Mechanical Engineering
Jadavpur University
Kolkata, India

Topic: Next-Gen Additive Manufacturing

Speaker III

Dr. Muthuramalingam Thangaraj
Professor and Head
Department of Mechatronics Engineering
School of Mechanical Engineering
SRM Institute of Science and Technology
Kattankulathur, Tamilnadu, India

Presentation Title: Mechatronics based Integration of flexible electronics in automotive infotainment bezel

Speaker IV

Dr. J.S. Gnanasekaran, M.E., Ph.D., FIE
Former Principal & Professor of Mechanical Engineering
R.V.S. College of Engineering
Dindigul, India

Speaker V

Dr. Nabendu Ghosh
Assistant Professor
Department of Mechanical Engineering
Jadavpur University
Kolkata, India

Plenary Presentation Title: Advancing Welding of Stainless Steels through Simulation, AI, and Sustainable Manufacturing: Towards Intelligent and Green Industry 4.0 Systems

Speaker VI

Dr. Ramandeep Kaur
Professor, Computer Science | Researcher | Academic Leader
Institute of Information Technology and Management
Guru Gobind Singh Indraprastha University

8:00 – 9:30 am, Saturday, November 8**Onsite Room 2****Session Chair:****Engineering Education and Curriculum Improvement**

ID	9	Indian international conference	Engineering Education and Curriculum Improvement	AMAN	CHAUHAN
		Don't know India			
ID	259	Secure women's travel app using anomaly detection	Engineering Education and Curriculum Improvement		
		sowmiya M upstox India			
ID	293	Challenges In Initiating a Two-Wheeler Project	Engineering Management and Project Management		Adarsh
		Sharma Pandit Deendayal Energy University India			
ID	1	Systematic Approaches to Change Management and Their Limitations: A Qualitative Analysis at Company X	Engineering Management and Project Management		
		Kgabo Ramusi University of Johannesburg South Africa			
ID	279	Platform-Enabled Entrepreneurial Ecosystems: A Data-Driven Framework for Innovation and Sustainable Startup Growth			
		Entrepreneurship and Innovation Mohd Tabrej Alam Indian Institute of Technology Kharagpur India			

8:00 – 9:30 am, Saturday, November 8**Onsite Room 3****Session Chair:****Sustainability, Green Systems and Energy**

ID	262	Modeling and Simulation of a Grid-Connected Inverter Using Virtual Synchronous Generator (VSG) Control with PI Controller	Sustainability, Green Systems and Energy	Subba Lakshmi R K	Vellore Institute of Technology (VIT), Vellore India
ID	111	Optimization of charging infrastructure and battery size for efficient electrification of diesel bus Network	Sustainability, Green Systems and Energy	Gajendra Nagar	Indian Institute of Technology, Delhi India
ID	114	Rural Water Revival: Integrated Drainage for Resource Recovery	Sustainability, Green Systems and Energy	Pratyusha Rai	VidyaGyan School India
ID	233	SolarCool Rest: A Solar-Powered Cooling Sleeping Bag for Truck Drivers	Sustainability, Green Systems and Energy	Vaishnavi Kothe	Cummins, Nagpur India
ID	148	Sustainable development :- E-waste in Ahmedabad	Sustainability, Green Systems and Energy	Kumar Reddy	VIT, Vellore India
ID	285	Volatility Spillovers and Risk Transmission between Green and Brown Assets: A Systematic Literature Review with Thematic Analysis	Sustainability, Green Systems and Energy	Rudra Prakash Pradhan	Indian Institute of Technology Kharagpur India
ID	169	Waste to Energy conservation	Sustainability, Green Systems and Energy	Jathish J	Sri Sairam Engineering college India

8:00 – 11:00 am, Saturday, November 8**Room 4 (Virtual-Zoom)****Session Chair:****High School STEM Competition**

ID	16	Frozen Frontiers: Evaluating the Survival Potential of Psychromonas ingrahamii in Enceladus	High School STEM Competition	Shiva Gupta	Shiva Gupta Individual India
ID	27	"Smart Soil Buddy: A Low-Cost Soil Health Testing Solution for Indian Farmers"	High School STEM Competition	Harshit Chawla	Bhavan's Bhagwandas Purohit Vidya Mandir India
ID	92	"Neuro-Plan Fusion" Brain-Inspired AI for Intelligent and Self-Optimizing Agriculture	High School STEM Competition	chandraveerdatt	more no India
ID	62	400 km/h 3d printed drone	High School STEM Competition	Meetushi Goel	School India
ID	83	Adaptive Non-Newtonian Fluid Speed Bump for Smart Traffic Control	High School STEM Competition	Aarush SELF	India Jayin

ID	190	Angola ELECTRICITY RESEARCH	High School STEM Competition	Luis Ganda	N/A	Angola
ID	85	Develop a small device which will automatically indicate the Vaccine and Sonography updates for women in her local language	High School STEM Competition	KALYANI KADAM	Learning Links Foundation	India
ID	31	Deviceless COMMUNICATION	High School STEM Competition	ABHI PREETHA	SUBRAMANYIAM	Nil
ID	79	Evaluating Portable Pocket Colposcopy for Cervical Screening Access	High School STEM Competition			Anvi
ID	11	GenSTEM PlasticX Ideonella Sakaiensis	High School STEM Competition	Anannya Agrawal		Brighton
ID	155	Impact of cellphones on the mental and physical health of human beings	High School STEM Competition			
ID	77	Neural processing differences in reading print and cursive	High School STEM Competition	Shreya	Iyer	
ID	28	"NEUTRA: Autonomous Waste Neutralizer"	High School STEM Competition	Shreya	Chauhan	
ID	17	Object detection, forgetting-prevention system	High School STEM Competition	Rithvika	Anand Kumar	
ID	96	Strategic Vaccination Behavior and the Public Goods Dilemma using a Game Theory Model with Measles Data	High School STEM Competition	Prachet Patakula	Manthan School	India
ID	46	Sustainable Air cooler, Eco chill pot.	High School STEM Competition	Tejaswani	Vaid	Self India

9:30 – 10:00 Coffee Break

November 8, 2025 (Saturday) – Session: 10:00 am – 1:00 pm

Keynotes – Room 1

10:00 – 10:30	Prof S. Vinodh, Professor in Production Engineering Department, National Institute of Technology, Tiruchirappalli, Tamil Nadu, India
10:30 – 11:00	Prof M. Rajmohan, Professor, Department of Industrial Engineering, Anna University, Chennai, India
11:00 – 11:30	Dr Murugan Pattusamy, Assistant Professor, School of Management Studies, University of Hyderabad (UoH), Hyderabad, India
11:30 – 12:00	Prof K. Mathiyazhagan, Professor and Chairperson – Research Centre, Thiagarajar School of Management, Madurai, Tamil Nadu, India
12:00 – 12:30	Dr Prashant Atrey, Executive Director, NHPC Limited, India, Faridabad, Haryana, India

12:30 – 1:00

1:00 – 2:00 Lunch Break

11:00 am – 1:00 pm, Saturday, November 8

Room 4 (Virtual-Zoom)

Session Chair:

Simulation, Optimization and Productivity Improvement

ID	8	Enhancement of Performance of a Dairy Plant by Using Value Stream Mapping	Simulation, Optimization and Productivity
Improvement	SaswathaP	Student India	

ID 226	Enhancing Supply Chain Performance: The Interplay of Supply Chain Integration and Flexibility	Simulation, Optimization
and Productivity Improvement Raymund Berdin	Ampleon Phils., Inc. Philippines	
ID 227	From Foundations to Frontiers: The Evolution of Engineering Optimization across Practice and Innovation	Simulation,
Optimization and Productivity Improvement	Rajyalakshmi Gajjela Vellore Institute of Technology India	
ID 97	Hybrid Metaheuristics for Pareto-based Bi-objective Optimization in a JIT Unrelated Parallel Machine Scheduling Problem	
Simulation, Optimization and Productivity Improvement	Sona Babu Indian Institute of Space Science and Technology (IIST) India	
ID 52	Parametric Optimization of Coupled Thermal and Structural Analysis of a Brake disc Using Finite Element Analysis	
Simulation, Optimization and Productivity Improvement	SHEIK IRFAN S national engineering college India	
ID 312	Productivity Improvement in Web Camera Assembly Line Using Low-Cost Guide Sleeve Design and Simulation Analysis	
Simulation, Optimization and Productivity Improvement	Nutrada Tuad-art Suranaree university of technology Thailand	
ID 26	Structural Optimization and Fatigue Life Assessment of Connecting Rod Using Topology Optimization and Finite Element	
Analysis Simulation, Optimization and Productivity Improvement	MOHAMED FAISAL National Engineering College India	

1:00 – 2:00 – Lunch

November 8, 2025 (Saturday) – Session: 2:00 – 3:30 pm

2:00 – 3:30 pm, Saturday, November 8

Onsite Room 1

Session Chair:

Global Engineering Education Panel Leveraging IEOM to Enhance Industrial Engineering Education in India

Chairman:

Professor Emeritus Devinder Kumar Banwet
VC (Founding) UEM Kolkata, Ex HOD DMS IIT Delhi
Fellow IEOM, Global Council Member IEOM

Speaker I:

Professor Dr Arshinder Kaur
DOMS, IIT Madras, India

Speaker II:

Prof Dr. Dillibabu
HOD Industrial Engg
Anna University Chennai, India

Speaker III:

Capt Dr. Bhaskar M Bhandarkar
Former Chairman MRDB Institution of India
Vice President, the Institute of Marine Engineers India

Speaker IV:

Prof . Dr. V. R. Pramod
Retd Professor NSS College of Engineering
Palkhad Kerala, India

Speaker V:

Prof Dr Ramesh Anbandan
DOMS IIT, Roorkee, India

Speaker VI:

Prof Dr Ram Kumar Mishra
Ex DG of IIPE Hyderabad, India

2:00 – 3:30 pm, Saturday, November 8

Onsite Room 2

Session Chair:

Artificial Intelligence and Data Science

ID	186	Confidence index framework towards a reliable and explainable AI and AI-SEO	Artificial Intelligence and Data Science
	SURYA VARDHIN GAMIDI	Vellore Institute of TechnologyIndia	
ID	255	Effective Medical Named Entity Extraction from Patient Records Using a Hybrid Rule-Based and BioBERT–BiLSTM Framework	Artificial Intelligence and Data Science
	Sivashankari	Rajadurai VELLORE INSTITUTE OF TECHNOLOGY	India
ID	278	FairHire AI: An Explainable and Bias-Free Platform for Intelligent Recruitment	Artificial Intelligence and Data Science
	Kaviya A SRM	India	
ID	109	From disruption to adaptation: Leveraging AI for organizational resilience in E-commerce	Artificial Intelligence and Data
Science	Manisankar Datta	MS Ramaiah University of Applied Sciences	India
ID	222	LoRA-Fine-Tuned Medical LLM with Interpretability and Counterfactual Explanations	Artificial Intelligence and Data
Science	Thanya .	Vellore Institute of TechnologyIndia	
ID	251	Multi-Agent Reinforcement Learning for Dynamic Cybersecurity Policy Optimization	Artificial Intelligence and Data
Science	Divy Kumar Agrawal	Vellore Institute of TechnologyIndia	
ID	350	Optimized Machine Learning Solution for Skin Cancer Prediction with Bayesian Hyper Parameter Tuning	Artificial
Intelligence and Data Science	Hemalatha S	Vellore Institute of TechnologyIndia	
ID	157	The Generative Paradox: Innovation, Bias, and the Future of Trust	Artificial Intelligence and Data Science
	TamilSelvan VIT Vellore	India	Aishwarrya

2:00 – 3:30 pm, Saturday, November 8

Onsite Room 3

Session Chair:

Manufacturing, Assembly and Design

ID	348	AI BASED AHP AND COCOSO MODEL FOR AUTOMOTIVE PISTON MATERIAL SELECTION IN ADDITIVE	
MANUFACTURING	Manufacturing, Assembly and Design	Karolina Mohanty	Vellore Institute of TechnologyIndia
ID	329	ALUMINIUM METAL MATRIX COMPOSITES: REVIEW ON PROCESS PARAMETER OPTIMIZATION AND STRATEGIES	
FOR ENHANCED PROPERTIES	Manufacturing, Assembly and Design	Anshika Sharma	Vellore Institute of TechnologyIndia
ID	151	Comprehensive review on wire electrical discharge machining: a non-conventional material removal method	Manufacturing,
Assembly and Design	Abhishek Singh	Dr. B.R. Ambedkar National Institute of Technology, Jalandhar	India
ID	321	EROSION CORROSION AND WEAR ANALYSIS OF DISSIMILAR TIG -WELDED ALUMINUM ALLOYS OF 5083-H111 AND	
6061-T6 USING MODIFIED FILLER RODS	Manufacturing, Assembly and Design	SANKARALINGAM T	VEL TECH MULTI TECH
DR. RANGARAJAN DR.SAKUNTHALA ENGINEERING COLLEGE	India		
ID	318	MICROSTRUCTURAL AND PERFORMANCE CHARACTERIZATION OF Ni-P COATED CAST IRON UNDER VARYING	
LOADS	Manufacturing, Assembly and Design	SATHISHT	VEL TECH MULTI TECH DR. RANGARAJAN DR.SAKUNTHALA
ENGINEERING COLLEGE	India		
ID	147	Study of electrochemical machining of super alloys and metal matrix composites by different electrolytes: A review	
Manufacturing, Assembly and Design	Rahul Pachoriya	Dr. B.R. Ambedkar National Institute of Technology, Jalandhar	India

2:00 – 4:00 pm, Saturday, November 8

Room 4 (Virtual-Zoom)

Session Chair:

Artificial Intelligence and Data Science

ID	252	Grassman Optimized Convolution Neural Network towards Student Activity recognition and Classification in E-Classes using facial emotional features	Artificial Intelligence and Data Science
	pravin M	Mahendra Engineering College	India
ID	351	Gynaecological disease diagnosis	Artificial Intelligence and Data Science
ENGINEERING,KALABURAGI	India	Megha Shete	PDA COLLEGE OF
ID	199	Individual Differences in Face Processing Network Connectivity During Naturalistic Movie Watching in Epilepsy Patients: A	
Graph-Based Analysis	Artificial Intelligence and Data Science	Deeksha Acharya	Mangalore Institute of Technology & Engineering, Moodbidri India
ID	112	LLM4Autism: A Local, Personalized AI Assistant for Autism Care	Artificial Intelligence and Data Science
	Aravazhi	Molde University College - Specialized University in LogisticsNorway	Agaraoli
ID	143	Machine Learning-Based Prediction of Pancreatic Cancer Survival with Threshold Optimization	Artificial Intelligence and
Data Science	Shaurya Pandey	High school(currently in 12th grade)	India
ID	200	Neural Network Based Pattern Recognition for Indian Sign Language Translation: Enhancing Accessibility	Artificial
Intelligence and Data Science	Bhuvaneshwaran J	Jai Shriram Engineering College	India
ID	228	Road pothole detection using machine learning	Artificial Intelligence and Data Science
	Pandiyaraja	R	
	Velammal college of engineering and technology	madurai	India
ID	201	Smart Agricultural Decision Support System: Integrating Deep Learning Disease Detection with E-Commerce Supply Chain	
Management	Artificial Intelligence and Data Science	Bhuvaneshwaran J	Jai Shriram Engineering College
ID	197	Smart Farming Using Augmented Reality and Machine Learning Model	Artificial Intelligence and Data Science
	Vyshnavi K S	Mangalore Institute of Technology & Engineering	India
ID	234	Synthetic Data Augmentation with GANs for Improving Rare Cancer Detection in Histopathology Images	Artificial
Intelligence and Data Science	Srihari R M	Velammal college of engineering and technology	India
ID	195	TRAFFIC SIGN DETECTION SYSTEM USING CONVOLUTIONAL NEURAL NETWORK	Artificial Intelligence and Data
Science	Vijayasherly V	Vellore Institute of TechnologyIndia	

November 8, 2025 (Saturday) – Session: 4:00 – 5:30 pm

4:00 – 5:30 pm, Saturday, November 8

Onsite Room 1

Session Chair:

Plenary – Industry 4.0 and Industry Solutions

Chair

Dr. V. Vasu
Professor of Mechanical Engineering
NIT Warangal &
Director for School of Smart Manufacturing, NAMTECH (Initiative of ArcelorMittal)

Topic: Human-Centered Innovation: Manufacturing in the Era of Industry 4.0 & 5.0

Speaker I

Speaker II

Speaker III

Speaker IV

Speaker V

Speaker VI

Mohammed Arshath Parvez is a development professional with over nine years of experience in the sector. A generalist by approach, he currently works at the intersection of equity, worker well-being, and responsible business – in the social sustainability space. Previously, he supported organisations in strengthening policy and systems thinking to build robust and inclusive education ecosystems, contributing to government-led initiatives at both state and national levels. His work spans research, data-driven decision-making, and designing frameworks for systemic transformation grounded in contextual realities. Known for his deep curiosity and commitment to continuous learning, Arshath actively enables the systems he works with—fostering leadership, trust, and collaboration toward inclusive development rooted in dignity, dialogue, and structural change.

4:00 – 5:30 pm, Saturday, November 8

Onsite Room 2

Session Chair:

Supply Chain and Logistics

ID	152	Beyond Risk Mitigation: Conceptualizing Value Based View of Supply Chain Resilience	Supply Chain and Logistics	Amila
	Bandara	University of Peradeniya Sri Lanka		
ID	129	Bridging the Gap: Investigating Barriers to Bioplastic Adoption in Sustainable Food Packaging Supply Chain	Supply Chain	
and Logistics	ADESH GUPTA	Maulana Azad National Institute of Technology BHOPAL India		
ID	2	Comparative Study of Project Cargo Logistics by Sea vs. Air Freight	Supply Chain and Logistics	Saanjh Rana
	Gujarat Maritime University	India		
ID	291	End-Of-Life Vehicle Management for Minimization of Environmental Impact Through Reverse Logistics	Supply Chain	
and Logistics	Muthukumar s	Veltech multi Tech Dr. Rangarajan Dr. Sakunthala Engineering College India		
ID	101	Exploring Barriers in Achieving Supply Chain Resilience in Indian MSMEs	Supply Chain and Logistics	Veronika
	Jayakumar	LIBA India		
ID	225	Integrated Neural Forecasting and Ensemble-Inspired Prediction Strategies for Evolutionary Optimization of a Dynamic Multi-Objective Transportation Problem	Supply Chain and Logistics	Kanchan Kushwaha
Technology, Surat	India			Sardar Vallabhbhai National Institute of

4:00 – 5:30 pm, Saturday, November 8

Onsite Room 3

Session Chair:

Sustainability, Green Systems and Energy

ID	294	Harnessing Heat: A review on Modern Sensor-Based Two-Chamber Incinerators for Wet Waste Management.	Sustainability,	
Green Systems and Energy	Rahul Prasad	VIT, Vellore India		
ID	103	Integration of Circular Economy Principles in Consumer Behaviour for Sustainable Laptops	Sustainability, Green Systems and	
Energy	Udit Sanyal	Anna University India		
ID	347	Performance Evaluation of Mortars Incorporating Recycled Concrete Aggregates for Sustainable construction	Sustainability,	
Green Systems and Energy	Amal Pradeep	VIT Vellore India		
ID	119	RC SOLAR WATER CLEANER DRONE	Sustainability, Green Systems and Energy	sakthivel s no India
ID	287	The Policy Nexus: Driving Sustainability, Security, and Green Growth with Renewable Energy	Sustainability, Green	
Systems and Energy	Mohit Kumar	Gautam Indian Institute of Technology Kharagpur		India

ID 121 Time Series Forecasting of Groundwater Quality Parameters for Agricultural and Environmental Sustainability in Nadia District, West Bengal Using Statistical and Gradient Boosting Models Sustainability, Green Systems and Energy Jyotiraditya Kale VIT Vellore India

4:00 – 6:00 pm, Saturday, November 8

Room 4 Virtual-Zoom

Session Chair:

Manufacturing, Assembly and Design

ID 320 Design Optimization and Analysis of a Smart Compression Internal Combustion Engine Manufacturing, Assembly and Design Yuvaraj S VEL TECH MULTI TECH DR. RANGARAJAN DR.SAKUNTHALA ENGINEERING COLLEGE India

ID 319 Experimental Analysis of Redesigned Aerospike Nozzles for Enhanced Performance Manufacturing, Assembly and Design Selvam M Vel Tech Multi Tech Dr. Rangarajan Dr. Sakunthala Engineering College India

ID 315 EXPERIMENTAL INVESTIGATION ON EFFICIENCY IMPROVEMENT OF SOLAR PV PANELS WITH FRESNEL LENS CONCENTRATION Manufacturing, Assembly and Design Ganapathy Srinivasan R Vel Tech Multi Tech Dr. Rangarajan Dr. Sakunthala Engineering college India

ID 331 Experimental Investigation on Mechanical Properties of 3D Printed ABS and PLA Multilayer Structures Manufacturing, Assembly and Design Aravindh Raj B R Vel Tech Multi Tech Dr Rangarajan Dr Sakunthala Engineering College India

ID 125 Improvement model for increase fill rate and profitability applying tools as MRP, HEIJUNKA and SLP in a SME of food sector Manufacturing, Assembly and Design Jorge Antonio Corzo-Chavez Universidad de Lima Peru

ID 172 Solar-Powered E-Bicycle: Sustainable for the Future Manufacturing, Assembly and Design Mathan Raj S Sri Sairam Engineering College India

ID 47 Streamlining the Drone Systems Architecture Using Model-Based Systems Engineering Approach Manufacturing, Assembly and Design Shikha Singh Indian Institute of Technology (ISM) Dhanbad India

6:00 – 8:00 pm, Saturday, November 8

Room 4 Virtual-Zoom

Session Chair:

Quality, Reliability and Maintenance

ID 188 A Literature Review of Predictive Maintenance Solutions in Rail Transport Trends, Challenges and Perspectives Quality, Reliability and Maintenance Driss EL HOR National School of Applied Sciences (ENSA), Laboratory Engineering Sciences, Ibn Tofail University Morocco

ID 332 Advancing Machining Systems: A Review of Diagnostics, Prognostics, and Process Control Integration Quality, Reliability and Maintenance Amit Kumar Jain Birla Institute of Technology and Science, Pilani India

ID 281 Factor Impacting the Quality of Aluminium Pot for Developing Customer Language in FMQFD Analysis Quality, Reliability and Maintenance Jeevan Ealias NSS College of Engineering, Palakkad, Affiliated to APJ Abdul Kalam Technological University Kerala, India India

ID 53 Precision Enhancement of EEMD for Machinery Fault Detection via White Noise Management Quality, Reliability and Maintenance Karunakaran M National Engineering College India

ID 179 Shewhart type and Bootstrap-based Control Charts for Quantiles of Type-I Censored Generalized Weibull Distributed Data Quality, Reliability and Maintenance Shovan Chowdhury Indian Institute of Management Kozhikode India

IEOM Student Chapters around the World

Algeria

1. Adrar University

Australia

2. Queensland University of Tech., Brisbane
3. UNSW-Canberra
4. University of Melbourne
5. University of Wollongong
6. University of Adelaide

Bahrain

7. University of Bahrain

Bangladesh

8. Ahsanullah University of Sci & Tech (AUST)
9. Bangladesh Institute of Management (BIM)
10. Bangladesh University of Textiles (BUTEX)
11. BUET
12. CUET
13. Daffodil International University (DIU)
14. DUET, Gazipur
15. European University of Bangladesh
16. International Islamic University of Chittagong
17. IUBAT
18. Jessore University of Science and Technology
19. Khulna University (KU)
20. Khulna University of Eng and Tech (KUET)
21. Military Institute of Science and Technology
22. National Institute of Textile Eng & Res (NITER)
23. Rajshahi University (RU)
24. SUST
25. University of Chittagong
26. World University Bangladesh (WUB)
27. BAUST
28. American International University-Bangladesh (AIUB)
29. BGMEA University of Fashion and Technology (BUFT)
30. IUB – Independent University, Bangladesh

Bolivia

31. Universidad Católica Boliviana

Botswana

32. University of Botswana

Brazil

33. Federal University of Sao Carlos (UFSCar)
34. Federal University of Santa Catarina (UFSC)
35. University of Sao Paulo (USP) – Sao Carlos
36. Federal Institute of Sao Paulo, Sorocaba
37. FACENS University, Sorocaba

Canada

38. Concordia University
39. Humber Institute of Tech and Adv Learning
40. Polytechnic Montreal
41. University of New Brunswick at Fredericton
42. University of Waterloo
43. University of Windsor
44. Wilfrid Laurier University

Colombia

45. Fundación Univ. Tecn. Comfenalco, Cartagena, Bolívar
46. University of Rosario, Bogota
47. University of Quindio
48. Universidad de San Buenaventura, Cali, Valle
49. Institución Universitaria Colegios de Colombia
50. Escuela Colombiana de Ingeniería Julio Garavito
51. Universidad Católica de Colombia
52. Universidad Santo Tomás de Aquino
53. Fundación Universitaria Internacional de La Rioja
54. Universidad América
55. Universidad Militar Nueva Granada (UMNG)
56. Universidad Cooperativa de Colombia (UCC)
57. Universidad del Norte
58. Corporación Universitaria Minuto de Dios – UNIMINUTO
59. Fundación Universitaria de Popayán
60. Universidad Nacional Abierta y a Distancia (UNAD)

Costa Rica

61. University of Costa Rica

Czech Republic

62. University of West Bohemia, Pilsen

Ecuador

63. Technical University of Ambato
64. Universidad San Francisco de Quito

Egypt

65. Zagazig University
66. Fayoum University
67. British University in Egypt

El Salvador

68. Escuela Superior de Economía y Negocios (ESEN), El Salvador

Ethiopia

69. Bahir Dar Institute of Technology
70. Addis Ababa University Institute of Technology
71. Mekelle University

Finland

72. University of Vaasa

France

73. IESEG School of Management
74. Lorraine University, Metz

Germany

75. Technical University Applied Sciences Augsburg

Ghana

76. Technological Education Institute (TEI), Larissa
77. Ho Technical University
78. University of Ghana

Greece

79. Accra Technical University

Haiti

80. Université Quisqueya

India

81. College of Eng and Tech, Bhubaneswar, Odisha, India
82. College of Engineering Guindy, Chennai
83. Guru Nanak Dev Engineering College
84. Pandit Dendayal Petroleum Univ., Gujrat
85. P.D.A. College of Engineering, Gulbarga
86. Vellore Institute of Technology
87. Vidya Jyothi Institute of Technology, Hyderabad
88. Universal College of Eng & Tech (UCET), Guntur
89. National Institute of Technology (NIT), Warangal
90. Jawaharlal Nehru Technological University Hyderabad
91. IITS, India
92. Birla Institute of Tech & Sciences (BITS Pilani)
93. Amrita School of Business – Bangalore
94. Amrita school of Arts and Sciences, Mysuru
95. Amrita School of Business, Coimbatore
96. Aligarh Muslim University, Aligarh
97. Mahant Bachittar Singh College Eng & Tech, Jammu
98. Baba Banda Singh Bahadur Eng College
99. Ramaiah University of Applied Sciences
100. Nawab Shah Alam Khan College Eng & Tech (NSAKCET)
101. Global Institute Of Eng and Technology, Hyderabad
102. VNR Vignana Jyothi Institute of Eng and Technology
103. Siddhartha Institute of Engineering & Technology
104. Osmania University – The University College of Eng
105. VJTI Mumbai – Veermata Jijabai Technologic. Institute
106. BML Munjal University, Gurugram, India
107. AKTU University, Kanpur, India
108. Mufakkhamjah College of Eng. and Tech, Hyderabad
109. Methodist College of Engineering and Technology

110. Vardhaman College of Engineering

111. Dr B R Ambedkar National Institute of Technology, Jalandhar

112. B. V. Raju Institute of Technology, Vishnupur, Narsapur

113. Anjuman College of Engineering and Technology

114. Bharatiya Eng. Science & Technology Innovation University, (BESTIU), Gownivaripalli, Gorantla, Andhra Pradesh

115. HITAM - Hyderabad Institute of Technology and Management

116. JNTUH University College of Management Hyderabad, JNTUH

117. Siddaganga Institute of Technology, Tumakuru, Karnataka

Indonesia

118. Atma Jaya Catholic University
119. Bina Nusantara University (Binus), Indonesia
120. Institut Teknologi Bandung
121. Institut Teknologi Sepuluh Nopember (ITS)
122. Sampoerna University, Jakarta
123. Shipbuilding Institute of Polytechnic Surabaya
124. Tarumanagara University
125. UIN Sultan Syarif Kasim, Riau
126. Universitas Diponegoro (Undip)
127. Universitas Gadjah Mada (UGM)
128. Universitas Iqra Buru
129. UIN Sunan Kalijaga, Yogyakarta
130. Universitas Islam Negeri Alauddin Makassar
131. Universitas Sebelas Maret (UNS), Surakarta
132. University of Indonesia
133. Universitas Sumatera, Utara Medan
134. Narotama University, Surabaya
135. Universitas Pakuan, Bogor
136. Trilogi University
137. Universitas Muhammadiyah Riau
138. Universitas Muhammadiyah Palembang
139. Universitas Putera Batam, Kepulauan Riau

Ireland

140. Atlantic Technological University

Iran

141. MehrAstan University, Guilan
142. University of Eyvanekey
143. Technical and Vocational University (TVU)
144. University of Tehran

Iraq

145. Babylon University

Israel

146. Sapir Academic College
147. Shamoon College of Engineering (SCE), Ashdod

Italy

148. University of Bologna
149. University of Salento

Japan

150. Ashikaga University
151. Gunma University

Jordan

152. Hashemite University

Kenya

153. Kenyatta University, Nairobi

Kuwait

154. Gulf University of Science and Technology

Libya

155. Libyan Academy

Malaysia

156. Universiti Malaysia Sabah (UMS)
157. Universiti Putra Malaysia (UPM)
158. Universiti Teknologi Malaysia (UTM)
159. Universiti Tun Hussein Onn Malaysia (UTHM)
160. Universiti Utara Malaysia (UUM)
161. University of Malay (UM)

Mexico

IEOM Student Chapters around the World

- 162. Instituto Politécnico Nacional (IPN), Mexico
- 163. Universidad del Caribe, Cancun
- 164. Tecnológico de Monterrey, Campus Monterrey
- 165. Universidad Industrial de Santander
- 166. Universidad Iberoamericana
- 167. Universidad de Guanajuato

Morocco

- 168. Akhawayn University
- 169. Ecole Mohammadia d'Ingénieurs (EMI)
- 170. Sidi Mohamed Ben Abdellah University of Fez
- 171. N. School of Appl Sci. Kenitra, Ibn Tofail Univ
- 172. Ecole Supérieure De Technologie, Fez
- 173. INPT

Mozambique

- 174. Eduardo Mondlane University

Namibia

- 175. National Univ. of Sci. and Tech. in Windhoek

Nepal

- 176. Kathmandu University
- 177. Tribhuvan University

Nigeria

- 178. Covenant University
- 179. University of Ibadan
- 180. University of Nigeria, Nsukka
- 181. University of Benin
- 182. Olabisi Onabanjo University

Oman

- 183. SQU - Sultan Qaboos University
- 184. MEC - Middle East College
- 185. GCET – Global College of Engineering and Technology

Pakistan

- 186. Dawood University of Eng and Technology, Karachi
- 187. Government College University Faisalabad
- 188. Mehran University of Eng and Tech, Jamshoro, Sindh
- 189. Riphah International University, Lahore Campus
- 190. University of Engineering and Technology, Lahore
- 191. UOT – Nowshera
- 192. Information Technology Univ. of the Punjab, Lahore
- 193. Sindh Institute of Management & Technology (SIMT), Karachi
- 194. NED University of Engineering & Technology, Karachi

Papua New Guinea

- 195. Papua New Guinea University of Technology

Paraguay

- 196. National University of Asuncion
- 197. Universidad del Cono Sur de las Américas
- 198. Colegio Técnico Nacional, Asunción,

Peru

- 199. National Univ of San Antonio Abad, Cusco
- 200. Universidad de Lima (ULima)
- 201. Universidad Peruana de Ciencias Aplicadas (UPC)
- 202. Universidad Ricardo Palma (URP)
- 203. Pontificia Universidad Católica del Perú (PUCP)
- 204. Universidad Privada del Norte (UPN)
- 205. Universidad Continental (UContinental)
- 206. Universidad de Ingeniería y Tecnología (UTEC)
- 207. Universidad Nacional de Ingeniería (UNI)
- 208. University of San Martín de Porres (USMP)
- 209. Universidad Nacional Tecnológica de Lima Sur
- 210. Universidad Nacional de San Agustín de Arequipa

Philippines

- 211. Bulacan State University, Malolos City, Bulacan
- 212. LPU Laguna

- 213. Mapua University
- 214. De La Salle University (DLSU) Manila
- 215. Adamson University
- 216. CEBU Technological University
- 217. University of San Jose-Recoletos
- 218. Quezon City University
- 219. De La Salle Lipa

Portugal

- 220. ISEL – Instituto Superior De Engenharia de Lisboa
- 221. FCT NOVA

Puerto Rico

- 222. Polytechnic University of Puerto Rico

Qatar

- 223. Qatar University
- 224. Hamad bin Khalifa University, Doha

Saudi Arabia

- 225. Alfaisal University
- 226. Effat University
- 227. King Abdulaziz University (KAU)
- 228. King Abdulaziz University, Rabigh
- 229. King Fahd University of Petroleum and Minerals (KFUPM)
- 230. King Khalid University, Abha
- 231. King Saud University (KSU)
- 232. Umm Al-Qura University (UQU)
- 233. Princess Nourah University (PNU)
- 234. Prince Sattam Bin Abdulaziz University
- 235. Prince Sultan University (PSU)
- 236. Taibah University
- 237. University of Tabuk
- 238. Taibah University
- 239. University of Business and Technology
- 240. King Khalid University, Abha
- 241. University of Bisha
- 242. Taif University
- 243. Al-Yamamah University
- 244. Al-Yamamah University, Al Khobar
- 245. Mustaqbal University
- 246. AlMaarefa University, Riyadh

Singapore

- 247. SUSS

South Africa

- 248. Durban University of Technology (DUT)
- 249. Tshwane University of Technology (TUT)
- 250. University of Johannesburg (UJ)
- 251. University of South Africa (UNISA)
- 252. Vaal University of Technology (VUT)

Sri Lanka

- 253. University of Kelaniya
- 254. University of Peradeniya

Sudan

- 255. Sudan University of Science and Tech Khartoum

Thailand

- 256. Chulalongkorn University, Bangkok
- 257. Chiang Mai University

Turkey

- 258. Turkish-German University
- 259. Uskudar University

UAE

- 260. University of Science & Technology of Fujairah

UK

- 261. University of Derby
- 262. University of the West of England, Bristol

USA

- 263. Central Connecticut State University
- 264. Eastern Michigan University
- 265. Lawrence Technological University, Michigan
- 266. University of the District of Columbia
- 267. Indiana State University
- 268. Florida Polytechnic University
- 269. Buffalo State College
- 270. Southern Arkansas University

- 271. Western Michigan University
- 272. Loyola University Chicago
- 273. Minnesota State University, Mankato
- 274. Central State University
- 275. University of Central Florida
- 276. Minnesota State University, Mankato
- 277. University of Texas – San Antonio (UTSA)
- 278. Capitol Technological University
- 279. Frostburg State University
- 280. Business School of Southern Arkansas University
- 281. Binghamton University State University of New York City

Venezuela

- 282. Catholic University Andrés Bello, Caracas

Vietnam

- 283. CFVG, Ho Chi Minh City, Vietnam

Zambia

- 284. University of Zambia
- 285. Copperbelt University
- 286. Evelyn Hone College

Zimbabwe

- 287. University of Zimbabwe, Harare
- 288. National University of Science and Technology
- 289. Harare Institute of Technology (HIT)
- 290. Women's University in Africa (WUA)
- 291. Chinhoyi University of Technology (CUT)

High School Chapters

- 292. Bay Area of San Francisco & San Jose, CA
- 293. Arongghata, Khulna, Bangladesh
- 294. Ironwood High School, Glendale, Arizona, USA

IEOM Student Chapter at Universitas Pakuan, Bogor, Indonesia



IEOM Student Chapter at University of Johannesburg, South Africa



IEOM Student Chapter at Universiti Tun Hussein Onn Malaysia (UTHM)



IEOM Student Chapter at Sampoerna University, Jakarta, Indonesia



IEOM Student Chapter at CEBU Technological University, Cebu City, Philippines



IEOM Student Chapter at Anjuman College of Engineering and Technology, Nagpur Maharashtra, India



IEOM Student Chapter at National Technological University from South Lima, Lima, Perú



IEOM Student Chapter at Western Michigan University, Kalamazoo, MI, USA

Faculty Advisors

Dr. Lee Wells

Associate Professor
Industrial and Entrepreneurial Engineering &
Engineering Management
Western Michigan University
Kalamazoo MI, USA

Dr. Jim Burns

Assistant Professor
Industrial and Entrepreneurial Engineering &
Engineering Management
Western Michigan University
Kalamazoo MI, USA

University and Department Website:

<https://wmich.edu/>

<https://wmich.edu/ieeem/>

Department Chair/Head: Dr. Azim Houshyar

Chapter Officers

President: Ahmad Al Majali

Vice President: Kathryn Christopher

Secretary: Moneshwaran Kannan

Treasurer: Paritosh Shinde

Director of Social Media: Nikhil Bankar

Director of Program/Activities: Vaibhav Vispute

Director of Membership: Abhishek Sonone

Director of Operations: Hrishikesh Lathi

Planned Activities:

Bell's Brewery Tour

Pfizer Tour

Lean Six Sigma Certification

Lawrence Tech Chapter Visit



IEOM Student Chapter at Technical University of Applied Sciences Augsburg, Augsburg, Germany

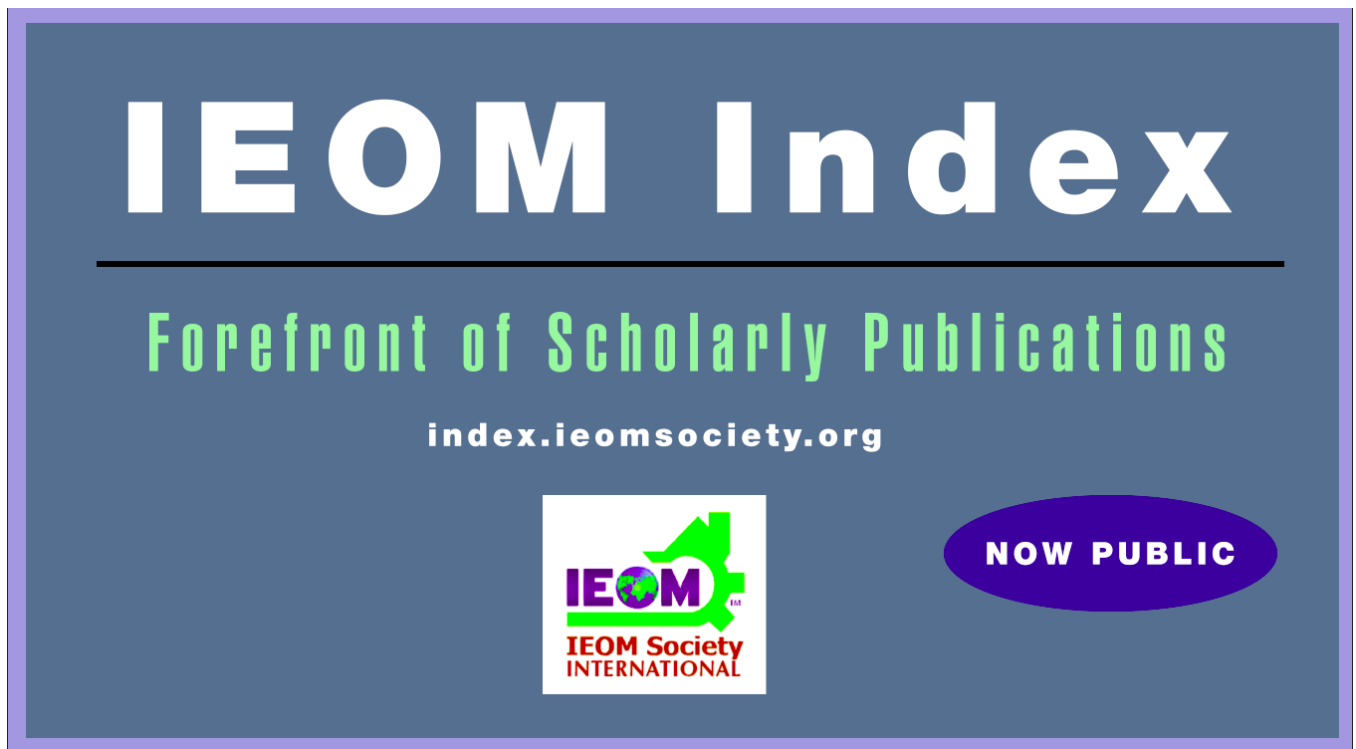
Faculty Advisor:

Dr. Simone Kubowitsch
 Professor for Personnel Psychology
 School of Business
 Technical University of Applied Sciences Augsburg
 Augsburg, Germany

University or Department Website: <https://www.tha.de/>
 Department Chair/Head: Prof. Dr. Gordon Rohrmair

IEOM Student Chapter Officers, April 2025	IEOM Student Chapter Members, April 2025
President: Joshua Braun Vice President: Filmon Zemo Director of Social Media: Kathrin Polly Director of Program/Activities: Natalie Hogh Director of Membership: Felix Pfeifer Director of Communication: Erik Bußjäger	Luca Stehle Jana Schäfer Phat Do Felix Gruber Julius Bauer Julian Huhn Julian Muffert Lisa Fuhrmann





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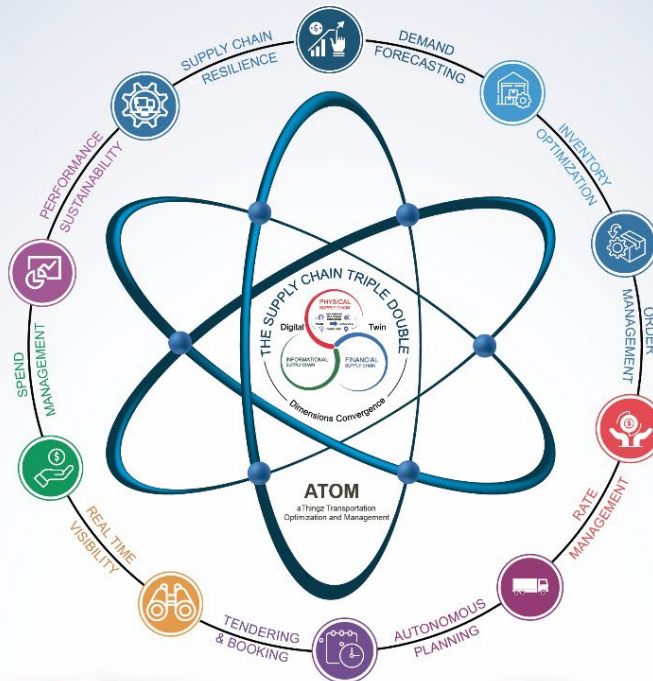
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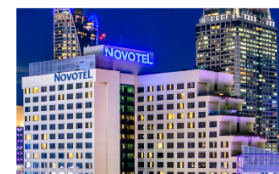
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