

# INTERNATIONAL CONFERENCE ON INDUSTRIAL ENGINEERING & ANALYTICS

## ICONIEA 2024

16<sup>th</sup> -18<sup>th</sup> February 2024 , IIT Kharagpur, India

Organized by

Department of Industrial & Systems Engineering, IIT Kharagpur



### Overview

The ICONIEA 2024 aims to bring together the experts in the domain of Industrial Engineering (IE) from academia and industry to share the recent advances in various areas in IE & Analytics. This conference aspires to provide a platform of interaction through which future directions of research and development will be explored.

### Tracks

Papers are invited on the following tracks. The topics under each track include, but are not limited to the following:

#### Track 1

##### Operation Research & Data Analytics

Operations Research; Data Analytics; Multivariate Statistics; Machine Learning; System Sciences and Research; Artificial Intelligence.

#### Track 2

##### Operations Management

Operations Management; Logistics & Supply Chain Management; Production Planning & Control; Inventory Management.

#### Track 3

##### Process & Product Excellence, Quality Management

Product Development; Process Excellence & Lean Six Sigma; Performance/Productivity Analysis; Project Management; Quality Design, Control and Improvement.

#### Track 4

##### Manufacturing & Service Sciences

Manufacturing; Service Science; Systems Management; Healthcare Systems, Optimization in Transportation.

#### Track 5

##### Human Factors, Ergonomics & Safety Engineering

Ergonomics & Human Factor Engineering; Safety Engineering & Management; Work System Design & Human Computer Interaction; Safety Analytics & Virtual Reality; Risk & Uncertainty Analysis.

#### Track 6

##### E-business & Information Systems

Data Analytics & Business Intelligence; E-Commerce Operation; Supply Chain & Logistics Management; Recommender Systems; Social Media Analytics; Consumer Review Analytics; Decision Support Systems; Enterprise Systems.

### About IIT Kharagpur

Indian Institute of Technology (IIT) Kharagpur was established in 1951 at Hijli beside Kharagpur, as the first of the IITs. The institute has been awarded the status of "Institute of Eminence" by the Govt. of India. There are at present 54 academic units, including departments, centers, schools and research units that caters to the specific requirements of the country and which are fully equipped with modern laboratories and classrooms. Apart from the academic departments in all streams of engineering, sciences and humanities, many unique centers and schools such as Centre of Excellence in Artificial Intelligence, Advanced Manufacturing Technology, Safety Engineering and Analytics, School of Nano-Science and Technology, School of Medical Science and Technology are set up to administer concentrated effort in research, outreach and consultancy in these contemporary areas

### About the Department of Industrial & Systems engineering (ISE)

The Department of Industrial & Systems Engineering (ISE) was established as Industrial Management Centre in 1973. During 50 years of its existence, the department has earned its reputation across the world for excellent teaching and research in the fields of Operations Research, Data Analytics, Logistics and Supply Chain Management, Quality Engineering, Information Systems and E-Business, System Thinking and Policy Planning, Human Factors Engineering and Ergonomics, Safety Analytics and Virtual Reality, and Healthcare Systems.

## Key Dates

Deadline for submission of extended abstracts:	<b>October 15, 2023</b>
Abstract acceptance:	<b>October 31, 2023</b>
Deadline for submission of full articles*:	<b>December 15, 2023</b>

\*Accepted articles are likely to be published in Springer edited books.

**Conference dates: 16<sup>th</sup>–18<sup>th</sup> February 2024**

## Organizing Committee IIT Kharagpur

### Patron

Prof. V. K. Tewari  
Director, IIT Kharagpur

### Organizing Chairman & Convener

Prof. Jhareswar Maiti  
Head of the Department  
Industrial and Systems Engineering  
IIT Kharagpur

### Convener

Prof. Mamata Jenamani  
Professor  
Industrial and Systems Engineering  
IIT Kharagpur

### Co-Conveners

Dr. Jitendra Kumar Jha  
Associate Professor  
Industrial and Systems Engineering  
IIT Kharagpur

### Organizing Secretaries

Dr. Sayak Roychowdhury  
Assistant Professor  
Industrial and Systems Engineering  
IIT Kharagpur

### Treasurers

Dr. Goutam Sen  
Assistant Professor  
Industrial and Systems Engineering  
IIT Kharagpur

Dr. Sri Krishna Kumar  
Associate Professor  
Industrial and Systems Engineering  
IIT Kharagpur

Dr. Balagopal G. Menon  
Assistant Professor  
Industrial and Systems Engineering  
IIT Kharagpur

Dr. Akhilesh Kumar  
Associate Professor  
Industrial and Systems Engineering  
IIT Kharagpur

### Joint Secretaries

Dr. Anand Jacob Abraham  
Assistant Professor  
Industrial and Systems Engineering  
IIT Kharagpur

### Advisory Committee

Prof. Pradip Kumar Ray  
Professor  
Industrial and Systems Engineering  
IIT Kharagpur

### Advisory Committee

Prof. Sarada Prasad Sarmah  
Professor  
Industrial and Systems Engineering  
IIT Kharagpur

Dr. Abhishek Sharma  
Assistant Professor  
Industrial and Systems Engineering  
IIT Kharagpur

Prof. Biswajit Mahanty  
Professor  
Industrial and Systems Engineering  
IIT Kharagpur

Prof. V. N. A. Naikan  
Professor  
Industrial and Systems Engineering  
IIT Kharagpur

## Registration Details

For **online registration** and **abstract submission** please visit: <http://www.iem.iitkgp.ac.in>

REGISTRATION FEE FOR VARIOUS CATEGORIES				
Registration Fee (including 18% GST)	On or Before 1st Jan.2024		After 1st Jan. 2024	
	India	Overseas	India	Overseas
Participation Category				
Industry Participants	Rs. 9000	USD 400	Rs. 10000	USD 450
Academic Participants	Rs. 5000	USD 300	Rs. 6000	USD 350
Regular Students / Research Scholars	Rs. 3000	USD 150	Rs. 4000	USD 200

## Contact

For any queries, write to us at : [iconia2024@gmail.com](mailto:iconia2024@gmail.com)

**Prof. Sayak Roychowdhury**  
Email: [sroychowdhury@iem.iitkgp.ac.in](mailto:sroychowdhury@iem.iitkgp.ac.in)

**Prof. Anand Jacob Abraham**  
Email: [anandabraham@iem.iitkgp.ac.in](mailto:anandabraham@iem.iitkgp.ac.in)

## ICONIEA-2024 Sponsorship

Please visit: <http://www.iem.iitkgp.ac.in> for information on sponsorship & exhibition opportunities at ICONIEA 2024.

### Sponsorship Packages

#### **Platinum (Exclusive) Sponsorship package:** **INR 300,000/ USD 4000 (including 18% GST)**

- Company name on all literature pre and post event
- 1 x small exhibition stand in coffee/lunch area at event (2m x 3m floor space, table, chairs, power points)
- Logo with hyperlink appearing on our website on events page and logo on delegate packs
- Inclusion of literature up to 90g in delegate packs
- **4 free delegate places at event**

#### **Diamond Sponsorship package :** **INR 200,000 / USD 3000 (including 18% GST)**

- Company name on all literature pre and post event
- 1 x small exhibition stand in coffee/lunch area at event (2m x 3m floor space, table, chairs, power points)
- Logo with hyperlink appearing on our website on events page and logo on delegate packs
- Inclusion of literature up to 25g in delegate packs
- **3 free delegate places at event**

#### **Gold Sponsorship package** **INR 100,000 / USD 2000 (including 18% GST)**

- Company name on all literature pre and post event
- 1 x small exhibition stand in coffee/lunch area at event (2m x 3m floor space, table, chairs, power points)
- Logo with hyperlink appearing on our website on events page and logo on delegate packs
- Inclusion of literature up to 25g in delegate packs
- **2 free delegate places at event**

#### **Silver Sponsorship package** **INR 75,000 / USD 1500 (including 18% GST)**

- Company name on all literature pre and post event
- 1 x small exhibition stand in coffee/lunch area at event (2m x 3m floor space, table, chairs, power points)
- Logo with hyperlink appearing on our website on events page and logo on delegate packs
- Inclusion of literature up to 25g in delegate packs
- **1 free delegate place at event**

#### **The following facility will be common to all of the above sponsorships:**

- Five minutes presentation at the event
- Brochures on display in coffee/lunch area
- Delegates listing including contacts before and after event

#### **Mode of payment (for sponsors only):**

The payment can be made through **cheque / demand draft** drawn in favor of "CEP-STC, IIT Kharagpur", payable at Kharagpur, INDIA. The payment can also be made through **electronic fund transfer**. The bank details are as follows:

Account Name: CEP-STC, IIT Kharagpur

Account Number: 95562200002955

Bank Name: CANARA BANK

Bank Branch Name: **SRIC, IIT KHARAGPUR (Branch Code: 019556)**

IFSC Code of the bank: CNRB0019556

Bank Address: SRIC, IIT KHARAGPUR, KHARAGPUR- 721 302, PASCHIM MEDINIPUR DIST.

(WB),INDIA,

MICR code: 721015104

Swift Code: **CNRB IN BB BFD**