

### **About the All India Seminar**

A holistic approach to several frontier areas dealing with noise emission, noise source localization and noise mitigation techniques, bridging the language barrier among the disciplines of acoustics in academia and noise control in industry is going to be the goal of this event. The applications we have chosen for discussion are based on our experiences as well as include the global need of health and safety measures in industries. The occupational noise: identification, instrumentation, basic data processing, role of technologies like acoustic camera, the implementation challenges, as well as research needs. The target of this event is to build a link between the industry, facing the issue of industrial noise and its corresponding repercussions on human health, and academic research, which can cater this need with practical, economical and efficient solutions. We hope that this event will not only bridge the gap between industrial application and theoretical academic concepts but will also open a number of doors for research for health and safety related issues associated with noise in industries.

The proposed two days national seminar objective is to collaborate the mechanical profession to discuss various challenges associated with machine and materials that are used for the industrial application, leading to help in the industry 5.0 era. Professor from IITs, NITs and Professional from industries related to mechanical, production and materials engineering those will come to fulfill the proposed objectives.

#### **PATRON**

**Prof. K. Umamheshwar Rao,**  
Director, NIT Rourkela

#### **Convener**

**Prof. Dibya Prakash Jena,**  
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Assistant Professor

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### **About The Institution of Engineers (India)**

The Institution of Engineers (India) or IEI is the largest multidisciplinary professional body that encompasses 15 engineering disciplines and gives engineers a global platform for sharing professional interest. IEI has membership strength of above 0.8 million. Established in 1920, with its headquarter at 8 Gokhale Road, Kolkata-700020, IEI has served the engineering fraternity close to a century. During this period of time, IEI has been inextricably linked with the history of modern-day engineering.

In 1935, IEI was incorporated by Royal Charter and remains the only professional body in India which has been accorded this honour. Today, its quest for professional excellence has given it a place of pride in almost every prestigious and relevant organization across the globe. It provides a vast array of technical, professional and supporting services to the Government, Industries, Academia and the Engineering fraternity, operating through its 125 Centres located across the country and 6 overseas chapters. Besides, IEI has bilateral agreements with about 31 international bodies and membership of another 8 international bodies of the developed nations across the globe.

Being recognized as a Scientific and Research Organisation (SIRO) by the Department of Scientific and Industrial Research, Ministry of Science and Technology, Government of India, IEI promotes the cause of research and development by providing Grant-in-Aid support to undergraduate, post graduate students and PhD Research Scholars of Engineering Institutions and Universities.

IEI has been recognized as Scientific and Industrial Research Organization (SIRO) by the Ministry of Science & Technology, Government of India and besides conducting its' own research, provides Grant-in-Aid to UG/PG/PhD students of Engineering institutes and Universities.

IEI holds the International Professional Engineers (IntPE) Register for India under the global International Professional Engineers Alliance (IntPEA). The institution also awards the Professional Engineers (PE) Certification.

IEI in collaboration with Springer regularly publishes peer-reviewed international journal in five series, namely, Series A, Series B, Series C, Series D and Series E covering fifteen engineering disciplines.



**All India National Conference  
on  
Occupational Noise and  
Workplace Acoustics  
(ONWA-2024)  
(Hybrid Mode)**

**Organized by:**  
The Institution of Engineers (India)

**In Association with**  
Department of Industrial Design  
National Institute of Technology  
Rourkela, Odisha-769008

**25<sup>th</sup> & 26<sup>th</sup> July 2024**



## ABOUT DEPARTMENT

The Department of Industrial Design is to create the next generation Industrial designers and innovators who can provide innovative design solutions to the complex challenges faced by the industry and society. The Department has well qualified and experienced faculties, and good laboratory facilities. Currently, the Department is executing several R&D and consultancy projects with reputed industries and research organizations like DRDO, BRNS, ICMR, DST, SERB, NSTL, ISRO etc.

### National Advisory Committee

Dr G Ranganath, FIE-Chairman, President IEI:  
Er Sajjan Singh Yadav, FIE- Co-Chairman,  
Chairman- ICC, IEI  
Dr Hemant O Thakare, FIE-Past President, IEI  
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### Advertisement Tariff

1. Back Cover Page - 5000
2. 2nd & 3rd Cover Page – 8000
3. Distinctive/Coloured Full Page -10,000
4. Inner Full Page (B/W) – 7000
5. Inner Half Page (B/W) - 4000

## CONTENT OF DISCUSSION

- ❖ Noise and Occupational Health.
- ❖ Physical and Psychological Effects.
- ❖ Noise Control at Workspaces.
- ❖ Principles of Noise Control.
- ❖ Design of Noise Barrier.

## PROGRAMME SCHEDULE

### 25<sup>th</sup> July 2024

Registration	09:30 - 10:00 AM
Inauguration	10:00 - 10:30 AM
Tea Break	10:30 - 10:45 AM
Keynote Speaker 01	10:45 - 11:30 AM
Keynote Speaker 02	11:30 - 12:15 PM
Lunch (At IEI Building)	13:00 - 14:00 PM
Keynote Speaker 03	15:00 - 15:45 PM
Contributing Talks	15:45 - 17:00 PM
Dinner(At IEI Building)	8:00 PM onwards

### 26<sup>th</sup> July 2024

Keynote Speaker 04	10:00 – 10:45 AM
Contributing Talks	10:45 - 12:00 PM
Lunch (At IEI Building)	13:00 – 14:00 PM
Poster Session	14:30 – 16:00 PM
Valedictory Session	16:00 – 16:45 PM
High Tea	16:45 – 17:00 PM

## REGISTRATION FEES

1. <b>Student</b>	<b>1000</b>
2. <b>IEI Member</b>	<b>1500</b>
3. <b>Non-IEI Member</b>	<b>2000</b>
4. <b>Industry Participants</b>	<b>3000</b>

‡The registration fee is non-refundable.

‡The registration fee (+18% GST) is applicable.

## REGISTRATION PROCESS

❖ **The registration fee is to be paid through NEFT/RTGS to The Institute of Engineers (India), Account No: 10138951036, State Bank of India with IFSC Code: SBIN0002109.**

❖ All the interested participants can register by filling the google form upon successful completion of payment process.

### GOOGLE FORM LINK

[https://docs.google.com/forms/d/e/1FAIpQLSeqtCYFo0Kq1MXuB8zj7MM9Pflqmpl4XvZC5\\_4eHD3ARqoflw/vie\\_wform](https://docs.google.com/forms/d/e/1FAIpQLSeqtCYFo0Kq1MXuB8zj7MM9Pflqmpl4XvZC5_4eHD3ARqoflw/vie_wform)

## IMPORTANT DATES

Last Date of Registration	<b>15<sup>th</sup> July 2024</b>
Date of confirmation through mail	<b>20<sup>th</sup> July 2024</b>

**For any further queries, please contact**

**us**

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