



# INDUSTRIAL ENGINEERING NEWS

VOL. LIII & ISSUE NO. 06

₹ 50/-

TOTAL PAGES : 08

JUNE 2024

## CHAIRMAN'S MESSAGE

**Dr. Amiya Kumar Behera**

Chairman  
Indian Institution of Industrial  
Engineering

Dear Esteemed Members,

Greetings from Indian Institution of Industrial Engineering.....!!!

I have the pleasure of presenting the June-2024 issue of the IIIE newsletter containing an overview of the major activities undertaken by IIIE NHQ and its Chapters during the preceding month of May.

The annual flagship event of IIIE the 24th CEOs Conference was held at Jaypee Residency Manor, Mussoorie, Uttarakhand during 31<sup>st</sup> May - 2<sup>nd</sup> June 2024 on the theme "Building Resilience: Adapting to rapidly Changing Global Markets". The conference schedule was packed with stimulating activities featuring three intensive sessions led by prominent leaders from Indian Industries besides the inaugural and valedictory events. Shri Ajit Kumar Saxena, Chairman-cum-Managing Director, MOIL Limited graced the occasion as the Chief Guest in the inaugural function held on 31<sup>st</sup> and Dr. Pradipta Mohanty, Chairman SNM Group graced the valedictory function as the Guest of Honour on the closing day. It was extremely successful in terms of large number of delegates from different industries and academic institutions (both private & public) of India. Organizing such an event far away from its NHQ was an uphill task, could be possible due to the collective efforts of the team IIIE (the conference organizing team along with National Council and Chapter Council Members, NHQ Staff) and the unfailing support of the Travel Agency, Hotel Management & Staff, Event Management Team, and Logistics Team. The very presence of our President Mr. Rahul Sahai, CEO, KOEL in

the event, no doubt was an added inspiration for all of us including all the participants. Organizing this mega event successfully is a true reflection of our envisaged motto of "Together towards Tomorrow". The details of the said event will be covered in the subsequent issue of the newsletter.

Alongside the 24<sup>th</sup> CEOs Conference, the 166<sup>th</sup> National Council meeting was held where decision to hold the National Council Election (2024-2028) was taken and Returning Officer/s were nominated to conduct the election within a specific time frame as per the provisions under MoA. The election schedule as well as the election code of conduct finds a place in this issue of the Newsletter.

We are glad that our Chapters spread across various states of the country engaged in organizing some kind of local level events. One day seminar and workshop organized by Odisha Chapter and seminar organized by Kolkata Chapter in collaboration with MAKAUT, West Bengal are certainly laudable events.

Let us continue working in a team spirit as demonstrated during the recently concluded event and collectively make efforts towards betterment of our esteemed institution 'IIIE'. We look forward to your suggestions and feedback all the time through Email: [chairmann4iiie@gmail.com](mailto:chairmann4iiie@gmail.com) to bring improvements in our future endeavors.

Dr. Amiya Kumar Behera



## International Organisation Partner



## KIND ATTENTION

Dear All Chairman & Hon. Secretary of the various chapters of IIIE. We make an appeal to you for sharing the reports on the events and activities conducted by your chapters/student chapters just after completion of the events. This will enable us to publish it in the upcoming issue of the newsletter. The items left out due to space limitations will be carried over for publication in the subsequent issues. We assure you that this year will be more eventful and we request you all for your guidance and participation to reach more milestones in 2024.

Soft copies of IE News & IE Journal shall be circulated by email only. Professional Members are requested to provide their present postal address with Mobile No., E-mail ID, and Telephone No. (Residence) (Office) for updating same in IIIE NHQ records. They can do so by sending E-mail: [member5iiienhq@gmail.com](mailto:member5iiienhq@gmail.com) their earliest.



### MECHANICAL DATA

Industrial Engineering News

Overall Size	22 cm x 28 cm
Printed area	18.5 x 23 cm
No. of columns	Two
Column width	9 cm
Periodicity	Monthly
Price Single Copy	₹ 50.00

## EDITOR'S MESSAGE

Dr. Sasmeeta Tripathy

Greetings to All Members and Readers!

We present the June issue of Industrial Engineering Newsletter containing the notable work done by various chapters.

It's our humble duty to offer our deepest condolences on behalf of IIIE to mourn the loss of an eminent Industrial Engineer and Management Education Advisor, Shri MSS Varadan, for his dedication to the industrial Engineering Profession. There is a section in his honour in the current issue.

The National Technology Day was celebrated across the country on May 11th to honour the successful nuclear tests conducted at Pokhran during 1998 and commemorate the country's progress towards technological achievements. These tests, collectively known as "Operation Shakti," marked a significant milestone in India's technological and scientific capabilities and established the country as a nuclear power. Odisha Chapter organised a webinar on "Technology and sustainability" as part of the National Technology day celebration. The chapter also organised a one day workshop on "Total Quality Management in Construction Industry" on 20<sup>th</sup> of May'2024 exclusively for the Engineers of

State PWD at Bhubaneswar. Kolkata Chapter organised a one day seminar in collaboration with MAKAUT, WB and touched various emerging topics of interest while emphasizing on the role of industrial engineering in these areas. The Foundation Day celebration by Belapur chapter which could not be included previously due to space limitations, has been covered in this current issue. The notification and code of conduct for IIIE National Council election (2024-2028) has been shared for kind information of all.

We would like to make an appeal once again to all readers to share their insights on emerging areas or sustainable solutions to challenges faced by the society today with us for inclusion in the columns to build awareness amongst all.

We would also greatly appreciate any comments or suggestions that you may have for the newsletter. Please mail your feedback to [journal4iiie@gmail.com](mailto:journal4iiie@gmail.com). This newsletter has been created with the valuable suggestions from Honourable Chairman, Secretary, Treasurer and continuous efforts of the NHQ staff.

With a hope and belief that readers will find this issue interesting, we express our sincere thanks to all who have contributed to this newsletter!

## IIIE NHQ

### TELEPHONE

Reception	: (022) 27573837
Exam/Admission	: (022) 27562562
	(022) 27579412
Admin	: (022) 27578526

### WEBSITE

[www.iiie-india.com](http://www.iiie-india.com)

### EMAIL

Admission	: <a href="mailto:iiieexamdept@gmail.com">iiieexamdept@gmail.com</a>
Examination	: <a href="mailto:iiieexamdept@gmail.com">iiieexamdept@gmail.com</a>
Membership	: <a href="mailto:member5iiienhq@gmail.com">member5iiienhq@gmail.com</a>
Publication	: <a href="mailto:journal4iiie@gmail.com">journal4iiie@gmail.com</a>
Project	: <a href="mailto:iiieproject2017@gmail.com">iiieproject2017@gmail.com</a>
Viva	: <a href="mailto:iiieviva2017@gmail.com">iiieviva2017@gmail.com</a>
Assignment	: <a href="mailto:iiieassignment@gmail.com">iiieassignment@gmail.com</a>



## Kolkata Chapter

Department of Industrial Engineering and Management (IEM) of Maulana Abul Kalam Azad University of Technology, (MAKAUT, WB) organized a one-day seminar in collaboration with IIIE, Kolkata Chapter on 10<sup>th</sup> May 2024. The seminar was attended by 75 participants. MAKAUT is a state-aided University under the administrative control of the Department of Higher Education, Govt. of West Bengal. Dr. Bivash Mallick, Head, Dept. of Industrial Engineering and Management, MAKAUT in his welcome address emphasized on the importance of organising such programmes for students where they can acquire knowledge on practical application of Industrial Engineering. Dr. Partha Pratim Lahiri, Registrar, MAKAUT, inaugurated the programme. Hon. Chairman of Kolkata Chapter, Prof. (Dr.) Santanu Das, in his deliberation, briefly traced the history and activities of IIIE and also introduced the speaker, Mr. Arindam Som, Technical Director and Head of Layout and Transportation Logistics, M. N. Dastur & Co. Pvt. Ltd., Kolkata. Mr. Apratim Dey Chowdhuri, Honorary Secretary, IIIE Kolkata Chapter, delivered his speech on the topic "Recent trends in Industrial Engineering: The role of the Indian Institution of Industrial Engineering". He highlighted the importance of using recent technologies like 'AI and Machine Learning' and 'Big Data analysis' that automate the task, collect the data and analyse it for a system while locating the areas for improvement. Citing specific example, he explained how 'Internet of things

(IoT)' and '3D Printing' technology can be used as an Industrial Engineering tool to improve the efficiency of the system. He also emphasised on importance of 'Cyber security', as the individual systems are connected through internet and are becoming more vulnerable to cyber attack. So, Industrial Engineers are to be aware of latest Cyber Security system. IIIE has a big role to play for training and development of IE professionals in these emerging areas. Mr. Arindam Som in his deliberation on the topic, "Plant Layout: Planning and Practice" elaborately discussed the process of developing 'Layout' of a large Steel Plant, occupying optimum land and the integration with in-plant logistic, ensuring safe and smooth implementation of operations of a plant, adhering to the environmental and all other statutory stipulations with optimum time and cost. He explained the application of 'Simulation' for data analysis in mode of transportation in Plant / Heavy industries through Ship, Rail, Road etc. for inbound and outbound materials in a plant, establishing correlation between various parameters, workout for capacity and efficiency of the subsystems under different scenario to find an optimum solution. Mr. G. N. Saw, Honorary Treasurer and Mr. D. Chatterjee, Jt. Secretary of the chapter, delivered conclusive remarks and also interacted with the participating students. Dr. Manik Chandra Das, Associate Professor, Dept. of Industrial Engineering and Management, MAKAUT, WB delivered vote of thanks.



Hon. Speaker, Mr. Arindam Som  
delivering lecture



Speech by Mr. Apratim Dey Chowdhuri,  
Hon. Secretary



(From left) Dr. Partha Pratim Lahiri,  
Mr. Arindam Som, Prof. (Dr.) Santanu  
Das, Hon. Chairman, Mr. Apratim  
Dey Chowdhuri, Hon. Secretary &  
Dr. Bivash Mallick,



(From left) Dr. Partha Pratim Lahiri, Registrar, MAKAUT, addressing the audience; Dr. Bivash Mallick, Professor and HoD, delivering Welcome Address & Dr. Manik Chandra Das, Associate Professor, Proposed the Vote of thanks.

