INDUSTRIAL ENGINEERING NEWS

VOL. LII & ISSUE NO. 04 ₹50/- TOTAL PAGES : 08 APRIL 2023

CHAIRMAN'S MESSAGE

Dr. Amiya Kumar Behera
Chairman
Indian Institution of Industrial Engineering

Dear Esteemed Friends,

With great pleasure I am presenting you the April-2023 issue of the newsletter of IIIE, the 1st one after the end of financial year 2022-23. This issue contains an overview of the major initiatives and events of IIIE undertaken/organized by NHQ as well as various chapters during the month of March-2023 that just concluded. All these initiatives/ events aimed at furthering the core agenda of IIIE could be undertaken/organised with excellence and aplomb, but for the significant contributions of the esteemed NC/ Chapter Council Members with the active support of NHQ Staff and the members, in-spite the work pressure of financial year ending.

You will be happy to note that like earlier years, the 23rd CEOs Conference, one of the flagship annual event of IIIE is being organized this year at Taj Samudra, Colombo, Sri Lanka during 5th -7th May, 2023 on a theme "Circular Economy and Strategic Sustainable Development". The organizing team constituted by the NC has been extremely busy with all preparatory work such as printing of brochures, approaching companies for delegation as well as sponsorship etc. I would sincerely appeal all National Council and Chapter council members to make sincere efforts at their level for increased participation of delegates from across various states of India to make it successful.

We are glad that IIIE Chapters have been actively engaged in organizing various local level events as evident from the reports of the last month, which certainly is laudable.

Let us all collectively work hard with all sincerity of purpose to honor and maintain the highest standard in all our initiatives and activities relating to the industrial engineering profession primarily relying upon the expertise, involvement and contributions of the National Council Members, Office Bearers and Committee Members besides the Professional Members.

We would look forward to your suggestions and feedback all the time through Email: chairmannc4iiie@gmail.com to bring improvements in our future endeavors.



Dr. Amiya Kumar Behera

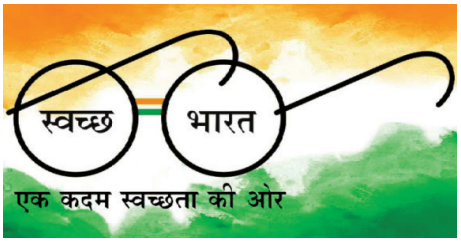
INSTITUTE OF INDUSTRIAL & SYSTEMS ENGINEERS

International Organisation Partner

Upcoming Events

Indian Institution of Industrial Engineering, (IIIE)
National Headquarters
ANNOUNCES
23RD CEO's CONFERENCE
Theme
"Circular Economy & Strategic Sustainable Development."
from
05th to 07th May 2023
at
Taj Samudra,
Colombo, Sri Lanka

For more details:
Website: www-iiie-india.com
Email: conference4iiie@gmail.com





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 and welcome all the Readers with the April issue of IE Newsletter!

The month of March honours strong, powerful and beautiful women all over the world by celebrating International Women's Day. IIIE salutes all women breaking barriers and paving ways for the next generation of confident and independent women.

I am indeed very excited and privileged to present the progress and the on-going activities of Indian Institution of Industrial Engineering spread over 32 chapters. It is evident that all chapters are continuously working together to achieve unprecedented excellence in industrial and educational collaborative activities. The members have been instrumental in enhancing the image by organizing various promotional activities including workshops and extramural lectures. We congratulate the organizers for their hard work and dedication. The newsletter presents glimpses of recent and upcoming events. The detail of 23rd CEOs conference has been presented. Industry Interaction programme organized by Bhopal Chapter and Workshop on Construction Supply Chain Management organized by Odisha Chapter were appreciated by all and has been covered in this issue. The Delhi chapter council action plan and newly constituted Goa chapter council has also been focused upon. Celebration of International Women's day at IIIE NHQ has been highlighted. The foundation day celebration of Mumbai, Indore, Udaipur and Goa Chapters has been illustrated.

I do hope and believe that readers will find this issue interesting and would be very thankful if the readers do give us the feedbacks, comments and suggestions about this newsletter for future improvements at journal4iiie@gmail.com. Moreover, this effort would not have been possible in its entirety without the support of our Honourable Chairman and Honorary Secretary who constantly encourage and inspire us to do the best. I would like to thank the office members for their continuous efforts during the creation of this edition.

Hope you find it informative.

IIIE NHQ

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All concerned are to note that following. IIIE e-mail Ids' have been discontinued. The new IDs' related to old ID's are shown against each

	Old IDs	New IDs
Admission	exam-iiie@iiie-india.com	iiieexamdept@gmail.com
Examination	exam-iiie@iiie-india.com	iiieexamdept@gmail.com
Membership	membership-iiie@iiie-india.com	member4iiie@gmail.com
Publication	editor-iiiejournal@iiie-india.com	journal4iiie@gmail.com
Project	–	iiieproject2017@gmail.com
Viva	–	iiieviva2017@gmail.com
Assignment	–	iiieassignment@gmail.com

Industry Interaction Programme by Bhopal Chapter

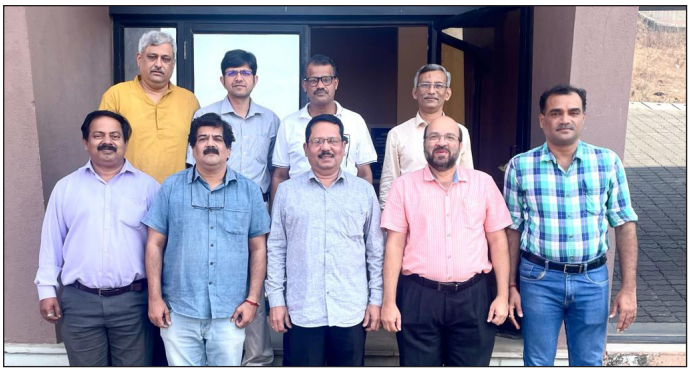
Bhopal Chapter organised an *Industrial Engineering for Industry* interaction meeting with Mandideep, Bhopal based Multinational M/s. Daulat Ram Engineering Pvt. Ltd., on 13th March at their works. About a dozen of their Executives joined the session. On this occasion IIIE-Bhopal Chapter thanked the Management and also felicitated their CMD Mr. CP Sharma and presented a trophy of IIIE.



Felicitation to Mr. C.P.Sharma

Newly Constituted IIIE Goa Chapter Council for the year 2023-2026

AGM was held on Sunday, 19 Feb 2023, at 10 am in the meeting room of the Mechanical Engineering Department, 1st Floor, (Goa Engineering College, Farmagudi), in the presence of Dr. Vivek Kamat, President, IIIE Goa Chapter, Dr. Rajesh Prabhu Gaonkar, National Council Member, Dr. Milind Sakhardande, Vice Chairman, Dr. Suraj Rane, Council member, Dr. Suraj Marathe, Secretary, Dr. Shridhar Mhalsekar, Joint Secretary, Shri Sameer Khawte, Treasurer, Dr. Raghavendra Naik, Council member, and Shri Vinayak Nayak, Council member. Dr. Suraj Marathe, welcomed all members and presented activity report of the last three years. Shri Sameer Khawte, Treasurer presented the financial audit report. The new committee was formed under the Chairmanship of Dr. Milind Sakhardande. The New committee members elected are: Dr. Vivek Kamat, President, Dr. Milind Sakhardande, Chairman, Dr. Suraj S. Rane, Vice Chairman, Dr. Sridhar Mhalsekar, Vice Chairman, Dr. Suraj Marathe, Secretary, Dr. Raghavendra Naik, Joint Secretary, Shri Sameer Khawte, Joint Secretary, Shri Vinayak Nayak, Treasurer and Dr. Vinay Shirodkar, Dr. Akshay Nigalye, Dr. Anant Naik & Lt Anand Naik as members.



First row from left: **Dr. Sridhar Mhalsekar, Dr. Milind Sakhardande, Dr. Vivek Kamat, Dr. Rajesh Prabhu Gaonkar, Dr. Suraj Rane**

Second row from left: **Shri Vinayak Nayak, Dr. Raghavendra Naik, Dr. Suraj Marathe, Shri Sameer Khawte.**

Celebration of International Women's day at IIIE NHQ

On International Women's Day, IIIE stands with the international community in celebrating the persistence, determination, and leadership of women around the world. The immense contributions they make and the accomplishments they achieve towards more peaceful and democratic societies should be heard by amplifying their voices and empowering them to grow further in all diversities.



Celebration of International Women's Day at IIIE NHQ

AGM of Delhi Chapter held on 28.01.2023

The AGM of Delhi Chapter was held from 2.00 pm to 2:30 pm on 28th January'2023 at the Committee Room, Department of Management Studies, IIT Delhi. 16 members attended the meeting which started with the IIIE Anthem followed by welcome address by Chapter Chairman.The AGM unanimously approved & ratified the audited statement of account & the Balance Sheet of the IIIE Delhi Chapter for the year 2021-22 already submitted to HQ, Mumbai.Due to indisposition of exiting auditor Shri Bhoja Rao, based on his advice the auditing of accounts of IIIE Delhi Chapter was done by Bodas & Associates at a remuneration of Rs.6,900/- as a special case. It was also agreed to continue with the same auditor at the remuneration of Rs.10,000/-. However, the IIIE Delhi Chapter places on record its appreciation & thanks to Shri Bhoja Rao who has been continuously associated with the IIIE Delhi Chapter & auditing the statement of accounts of the chapter for the past several years.

The General Secretary briefed regarding the following:

a. Due to the prevailing Covid situation no physical activities could be taken up during the year except one online in-house training program for NTPC Tanda as a result there has been shortage of funds for the day-to-day office expenses.

b. However, with the help of Chairman, IIIED two in company training programs have been scheduled for GAIL during the year jointly with IITM on the surplus sharing basis.

c. It has been decided to initiate a membership drive for inducting new members to rejuvenate the activities of the Delhi Chapter with the active support of the newly joined members by floating a few non-residential programmes as have been done in the past and one or two In-company training programmes.

Considering the limited members actively participating in the activities of IIIE Chapter, it was decided to reconstitution the existing IIIE Delhi Chapter Executive Council that has already completed its tenure through the process of nomination. The members after an elaborate deliberation decided to reconstitute the Delhi Chapter Executive Council with Dr.V K Gupta – Chairman, Dr. DK Banwet, Shri KG Varshney, Shri BB Gupta, Dr. Ashish Agarwal, Shri Ashok Chakraborty, Shri DP Giri, Shri Ajay Gupta – Treasurer, Dr. SP Singh – Joint Secretary, Shri PK Senapati – Secretary.

The Hon. Secretary further informed that Shri Ashok Chakraborty has made a request for relinquishing him from the responsibility of Joint Secretary and Treasurer due to his other personal commitments. While recording its thanks & appreciation for the sincere service rendered by Shri Chakraborty since 17th September 2016 including the difficult time during the Covid period. It was also decided that hereafter Shri PK Senapati, Hon.Secretary shall represent the IIIE Delhi Chapter at the National Council at NHQ, Mumbai as Chapter Nominee. The meeting concluded with a vote of thanks to the Chair.

Delhi Chapter Council meeting held on 28.01.2023

The IIIE Delhi Chapter Council Meeting of the Newly Constituted Committee was held on 28th January'2023 from 3:30 pm to 4:00 pm. Before the start of the meeting two minutes silence was observed as a mark of respect to the departed souls of Dr. SN Nandi, Shri R Sampat, Dr.KK Muthu, Chapter Council Members who have made significant contribution to the development of Delhi Chapter in the past.

The Hony. Secretary explained regarding the activities of the Chapter Council and the financial situation prevailing and urged upon each & every member to actively participate to rejuvenate the activities of the Chapter Council & improve its financial situation. It was also informed that the two inhouse programmes being conducted for Gail shall be based on sharing of surplus at the ratio of 30:70 with IITM which has extended the Marketing & other logistic support and making their experts available for conducting these programs in a support to IIIED. The newly constituted Chapter Council Members decided to rejuvenate the activities of the Chapter Council and accordingly agreed to conduct its flagship Non-Residential Training Programmes on a. Lean Management b. Project Management & c. Logistics & Supply Chain Management with the association of IIT Delhi with the active support of Dr. DK Banwet, Dr.SP Singh & Shri KG Varshney. It was also agreed to explore the possibility of organizing few In-company training programs on Management Development. In order to improve the revenue generation of the Chapter it was decided to conduct the Graduateship Examination through the Chapter Council. Shri Ajay

Gupta to coordinate the above activities with the support of Dr. Agarwal or any other member. Shri Vikash Agarwal has suggested upgrading the technology base of IIIE Delhi Chapter by taking-up subjects like AI/ML/Cloud Computing/Chart GPT etc., which is the order of the day and agreed to extend all possible help in this regard.

The meeting was concluded with a vote of thanks to the chair.

Workshop on Construction Supply Chain Management organized by Odisha Chapter

The Odisha Chapter organized a two days workshop on Construction Supply Chain Management for accelerating Completion of Projects on 3rd and 4th of February'2023. Prof.P.K.Parhi, Vice-Chairman of the chapter, coordinated the workshop and Dr. Subash Rastogi, Founder, Innovative Lean Mentoring Academy was the guest speaker. The programme was organized for the Engineers of various organization including State PWD at Bhubaneswar. Around 60 participants attended the programme apart from the members of the chapter. Prof.R.P.Mohanty, President of the chapter introduced the audience to the topic and spoke vividly on the basics of supply chain management. Dr. Rastogi discussed about the current traditional construction supply chain management & challenges, best practices and tools for lean collaborative scheduling systems, debottlenecking project completion using value stream mapping to speed up the project and usage of various technologies. The interaction session was very interesting wherein the participants discussed about some real-life project issues on SCM.



Inaugural Session



Programme Coordinator Prof. P. K. Parhi with the eminent speakers



Dr. Rastogi addressing the participants



Prof. R.P.Mohanty delivering the Lecture

66th Foundation Day Celebration of IIIE in the theme "Designing Inclusive and sustainable work systems"

The 66th Foundation Day of IIIE was celebrated by all chapters of IIIE with great fervour. Keynote speeches were organized by various chapters on the suggested theme. The talks were attended by many members, faculty members, industry personnel and student members with enormous enthusiasm.

Mumbai Chapter

Foundation Day of Mumbai Chapter was celebrated on 28th January'2023 at IIIE NHQ. Dr. Santosh Rane, Chairman, IIIE Mumbai Chapter welcomed the gathering and all esteemed keynote speakers. Mr. Sanjeev Gupta, Vice President, Capgemini and Mr. Harish Pant Co-Founder and Managing Director, Trikaya Cosmos Pvt. Ltd. were the Keynote speakers on the occasion. Mr. Gupta talked about the latest innovative and groundbreaking work done by Capgemini to service its global clients. He discussed about Connected Products and IOT, Digital manufacturing, Smart Engineering Services, Smart Buildings and Infrastructure. His deliberations included implementation of zero plastic usage policy and a systematically planned regular tree plantation activity at Capgemini. Dr. Pant discussed about infrastructure developments and how IOT technologies will bring disruptive innovations. He also emphasized the need for professional and spiritual transformation and how IOT can help us to achieve it.On this gracious occasion, IIIE Mumbai Chapter had planned to provide recognition to IIIE student chapters based on their programs and activities. These awards will motivate those who succeed in fulfilling IIIE's mission by serving students and will increase interaction among IIIE Student Chapters.

The list of Award winners are as follows:

1) Best Student Chapter Award – IIIE-SPCE of Sardar Patel College of Engineering, Mumbai
2) Best Flagship Event Award – IIIE-RGIT of MCT's Rajiv Gandhi Institute of Technology, Mumbai
3) Best Technical Event Award – IIIExCRCE of Fr. Conceicao Rodrigues College of Engineering, Bandra
4) Chairman Special Award – Mr. Kevin Sam Mathew, Chairman (IIIExCRCE) of Fr. Conceicao Rodrigues College of Engineering
5) Publicity Award – IIIE-SPCE of Sardar Patel College of Engineering, Mumbai
6) Excellence Award – Faculty advisor of Student chapter – Dr. Santosh Rane of Sardar Patel College of Engineering
7) Excellence Award – Faculty advisor of Student chapter – Dr. Veera Bhadra Rao of Fr. Conceicao Rodrigues College of Engineering , Bandra
8) Excellence Award – Faculty advisor of Student chapter – Dr. Nitin Panaskar of MCT's Rajiv Gandhi Institute of Technology , Mumbai

An entertainment program was conducted involving musical performance by students of Rhythm team, RGIT and drama performed by Mukhavate team , RGIT.

Vote of thanks was expressed by Dr. Dhanraj Tambuskar (NC member, IIIE).



IIIE Mumbai Chapter council member along with Students Chapter

Indore Chapter

Foundation Day was celebrated on 27th January 2023. On this occasion an expert lecture was organized at IPE Seminar Hall, Shri G.S. Institute of Technology and Science (SGSITS), between 11.00 am to 1.00 pm. The lecture was well attended in full capacity by IIIE Indore Chapter members, faculty members, and UG and PG students of Industrial and Production Engineering (IPE) Department, SGSITS Indore. Prof. Girish Thakar, Hon. Secretary, IIIE Indore Chapter addressed the audience with warm greetings. The keynote speaker, Dr Kumar Rohit was welcomed by Mr. Praveer Agrawal, Treasurer, IIIE Indore Chapter. Prof. M.D. Dandekar, Vice-Chairman, IIIE Indore Chapter introduced the Keynote speaker, Dr Kumar Rohit. He talked vividly on Product analytics (PDA) and new product development (NPD) process while introducing the advanced versions of new product variants (NPVs). He further said that PDA is considered as a very essential task to be performed for smart design and development of NPVs at high pace of NPD process conforming to reduced time-to-market (TTM) and enhanced diffusion rate (DR) signifying the ease of customer's acceptance along with the addition of novel product attributes indicated by new variant novelty (NVN). At the end, a vote of thanks was given by Prof. R.C. Gupta, Chairman, IIIE Indore Chapter.



Dr.Kumar Rohit being honoured by Mr. Praveer Agrawal



Audience attending the Foundation Day Lecture

Udaipur Chapter

The Foundation Day was celebrated at Conference hall of the Institution of Engineers, Udaipur Local centre, Udaipur on 12th February 2023. The function was attended by about 15 members and 35 student members of SS College, Udaipur. The function was graced by eminent personalities from Industries and institutes. Shri P S Talesara, CMD of Pyrotech Udaipur and, President of IIIE, Udaipur Chapter graced the occasion as Chief Guest. The Keynote Speaker of the program was Shri A.K.Jain, Ex-GM, HZL, Udaipur. Shri M.K.Mathur, Ex Chairman , Institute of Engineers, Udaipur, Shri Akhsat Jhala from Pacific University, Shri Dheeraj Soni from SS college, RS Mehta , Girish Dave, and other faculties of above colleges and members of Udaipur Chapter attended the programme. The programme started with welcome address by Shri PK Jain, Honorary Secretary, IIIE Udaipur chapter. Shri R.L. Tayalia, Chairman, IIIE Udaipur Chapter and Ex GM (MS&IE), HZL Udaipur briefed on IIIE at National level and Udaipur Chapter level. He also highlighted the achievements and activities of Udaipur Chapter on this occasion and mentioned the importance of Industrial Engineering techniques for nearby organizations in their growth and development. The Chief Guest in his address emphasized on IE and its applications in day to day use for development of industries and given related live experiences. Shri Jain spoke broadly on the subject with few examples of Hindustan Zinc and impact of sustainability in daily life with live experiences & examples. Shri V.P.Rathi, Guest of honour and Chairman, Tempsens, Udaipur expressed his views on the role of Industrial Engineers and the theme. Shri C .P. Jain, Vice chairman proposed the vote of thanks. The programme was conducted by Er. Dheeraj Soni, Head of the Department, Mechanical Engineering, SS College, Udaipur.

RNI No. 24129/1973
Regd. No. NMB/108/2022-24

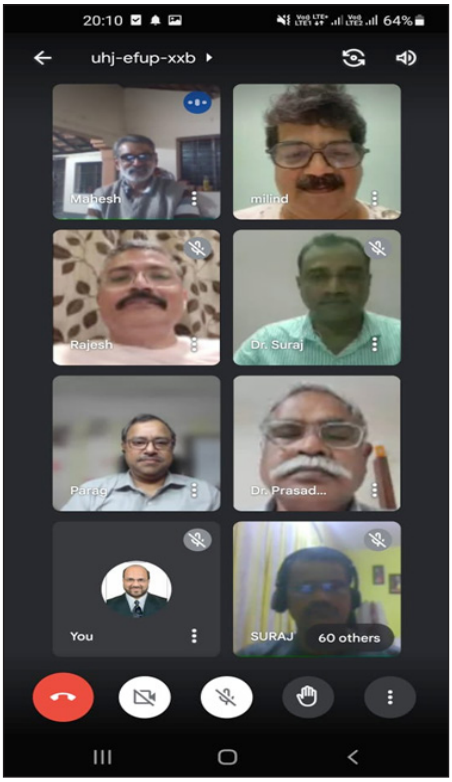
Date of Publication : 15th April 2023
Date of Posting : 15th April 2023
Office of Posting : Mumbai PC Stg.

Goa Chapter

Goa Chapter organized an online webinar with more than 80 participants from various domains like industry, IIIE members, Faculty, and students. The session was delivered by Shri Parag Gajanan Auty, General Manager (Total Quality Management), Commercial Vehicle Business Unit, TATA Motors Limited, in Pimpri, Pune. Dr. Milind Sakhardande, Vice Chairman, IIIE, Goa Chapter welcomed and introduced the speaker. Dr. Mahesh Dhawalikar, Chairman of the IIIE-Goa Chapter, briefed about the IIIE and appreciated the IIIE's role in the industry.

Mr. Parag Auty enlightened the participants on a sustainable work system and its influence on productivity. He also shed light on the different steps involved to design a working system. He emphasized on different shopfloor practical examples concerning the automobile industry. He explained about opportunities and challenges that come while designing the workstation.

The session ended with a great Q&A session, giving the participants an understanding of designing inclusive and sustainable work systems. Dr. Milind Sakhardande proposed a vote of thanks, and Dr. Suraj Marathe, Secretary-IIIE Goa Chapter, coordinated the event. The programme was attended by all the Goa Chapter members, Goa Chapter Co-Founder president Dr. Rajesh Prabhu Gaonkar, Dr. Suraj Rane, HOD, Mechanical Department, Goa Engineering College and Dr. A.V.V. Prasada Raju, Hon. Secretary, IIIE National Council.





Online Celebration of Foundation Day by Goa Chapter

KIND ATTENTION IIIE MEMBERS

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 at memberiiie4coa@gmail.com their earliest.

Published by Dr. AVV Prasada Raju, (Hon. Secretary) on behalf of Indian Institution of Industrial Engineering, having its National Headquarters at Plot No.103, Sector 15, CBD Belapur, Navi Mumbai – 400 614. Printed by Jasmine Art Printers Pvt. Ltd., A-737/3, TTC Ind. Area, Khairne, MIDC, Navi Mumbai – 400 710 and Edited by Dr. Sasmeeta Tripathy