

**Indian Institute of Chemical Engineers  
Kolkata – 700 032**

**Annual Report for 2024-2025**

## **1.0 Introduction**

The report covers major activities of the Institute during the period 1 April 2024 to 31 March 2025.

## **2.0 77<sup>th</sup> Annual Session and CHEMCON 2024**

IICChE-CHEMCON 2024, the 77<sup>th</sup> annual Chemical Engineering Congress, was organised at Jalandhar by the Doaba Regional Centre of Indian Institute of Chemical Engineers (IICChE) at B.R.Ambedkar National Institute of Technology, Jalandhar during 27 – 30 December 2024. The central theme for CHEMCON 2024 was **‘Role of Chemical Engineering towards Sustainable Development and Atmanirbhar Bharat’**. The conference hosted over 855 participants from within India and countries, such as, South Africa, Australia, Canada, New Zealand, USA and Bangladesh. The Indian participants represented 16 IITs, 10 NITs, eight CFTIs, State Government Institute, five Research Institutes, 18 private institutes and 12 industries.

The inaugural session on 27 December 2024 began by lighting of a ceremonial lamp and the *Saraswati Vandana*. Prof. M.K. Jha, Chairman, LOC welcomed the delegates. CHEMCON 2024 featured three Memorial Lectures, 18 CHEMCON Distinguished Lectures, 10 Invited Lectures, and, 110 oral and poster presentations, held in parallel sessions.

At the inauguration, the Chief Guest, Dr. Raj Bhushan Choudhary, Union Minister of State for Jal Shakti, conveyed his best wishes for CHEMCON 2024 through a video message. While addressing the gathering, Mr. S.I. Thakar, President, IICChE reflected upon various environmental concerns and related issues. In the face of rising fossil fuel consumption and resource exploitation, the President highlighted the importance of exploring alternative energy sources, including, solar, wind and nuclear power while noting their limitations. Mr. Biswananath Chattopadhyay, Chairman, NOC emphasized the importance of clean energy in sustainable development and the R&D initiatives to achieve the vision of Atmanirbhar Bharat. Prof. Ajay Bansal, Registrar, NIT Jalandhar emphasized the role of chemical engineers in preserving air, water, and land as valued in Vedic scriptures. Prof. B.K. Kanaujia, Patron of CHEMCON 2024 and Director-cum-Chairman, BoG, NIT Jalandhar called the event a proud moment for NIT Jalandhar and stressed its importance in addressing climate change, clean energy and waste reduction challenges. Prof. Joseph D. Smith, Guest of Honour and

President, AIChE 2025, in his video message talked about the priorities of AIChE which include advancing research and innovation, fostering collaborations with chemical engineering institutes, and tackling societal challenges through professional expertise.

The inaugural programme concluded with rendition of the National Anthem

The inaugural function was followed by the Award Ceremony of IICChE. Around 50 awards, including life time achievement awards, national awards, CHEMCON Distinguished Speaker Awards, student awards, etc. were given away to eminent academics, world renowned scholars, reputed chemical engineers, prominent entrepreneurs, etc. The most prestigious National Awards of IICChE, namely, **Dr. B P Godrej Life Time Achievement Award** was conferred upon **Prof. Professor K.K. Tiwari**, Former Professor and Head, UDCT (ICT), Mumbai & Former President, IICChE. **Lala Shriram National Award for Leadership in Chemical Industry** was conferred upon **Shri Ashvin J. Desai**, Founder and Managing Director, Aether Industries Limited, Surat.

Name of all the awards and a list of awardees are presented in **Section 9.0**.

Of the three Memorial Lectures, the prestige events of each CHEMCON, **Dr. H. L. Roy Memorial Lecture** was delivered by **Dr. Partha P. Maitra**, President – Strategy & Initiatives, Reliance Industries. **Aker Powergas’s Prof. N.R. Kamath Memorial Lecture** was delivered by **Professor Aniruddha B. Pandit**, Vice Chancellor, ICT, Mumbai and **Inventaa C.K. Murthy Memorial Lecture** was delivered by **Shri Arvind Kumar**, Director (Refineries), Indian Oil Corporation Ltd.

As customary, the **Dhirubhai Ambani Commemoration Day** was observed on 28 December 2024, the second day of CHEMCON, to commemorate the birth anniversary of the late Dhirubhai Ambani. Padmashri Prof. G.D. Yadav inaugurated the event by highlighting the significance of this commemoration. **The Dhirubhai Ambani Oration** was delivered by **Dr. R R Sonde**, Senior Professor Emeritus, BITS Goa and Adjunct Professor, IIT Roorkee, IIT Jodhpur, and, IIT Jammu. Dr. Partha P. Maitra, representing Reliance Industries, presented an overview of the achievements of the company and contribution towards innovation and India’s self-reliance.

On the third day of CHEMCON, distinguished speakers from various industries and academic institutions shared valuable

insights into the emerging trends and advancements in chemical engineering. Speakers included **Mr. Pankaj Mehta**, President, Corporate Relations & Strategy, Aarti Industries, Mumbai; **Prof. P.K. Mishra**, IIT BHU, Varanasi; **Mr. A.S. Basu**, Chief Operating Officer, HMEL, Bhatinda; **Dr. Goutam Dalapati**, Senior Fellow, National University of Singapore, Singapore and **Mr. Ashish Dwivedi**, CEO, Birla White, Mumbai.

Cultural Programmes were organized during the evening to entertain the guests and dignitaries.

At the Valedictory session on the concluding day, Dr. K.J. Sreeram, Director, Central Leather Research Institute was the Chief Guest. At the end, Prof. C. Karthikeyan, Annamalai University and Vice President, IChE; Prof. M.K. Jha, Chairman, LOC and Principal, Muzaffarpur Institute of Technology; Prof. Ajay Bansal, Registrar, NIT, Jalandhar and President Elect, IChE and Prof. S. Bajpai, Organising Secretary, CHEMCON 2024 summed up the takeaways of the four-day mega event while thanking all the guests, dignitaries and participants for gracing the occasion.

### 3.0 77<sup>th</sup> Annual General Meeting

The 77<sup>th</sup> (seventy-seventh) Annual General Meeting (AGM) of the Institute was held on December 27, 2024 at NIT, Jalandhar. Mr. S.I. Thakar, President of the Institute for 2024, chaired the meeting. The AGM was attended by 44 Corporate Members.

**(A list of the members, who were present in the AGM, is presented in the back inside cover page).**

i. **Adoption of 76<sup>th</sup> AGM Minutes:** The minutes of the 76<sup>th</sup> (Seventy-sixth) Annual General Meeting, held on December 27, 2023 at Heritage Institute of Technology, Kolkata were confirmed unanimously.

#### ii. **Adoption of Annual Report and Audited Statement of Accounts for 2023-2024**

The Honorary Secretary, Prof. Sunil Baran Kuila provided a comprehensive overview of the activity reports from the Headquarters, Regional Centres, and Student Chapters for the year 2024 to the members. Additionally, he outlined the highlights from the Council Meetings and the Sub-committee Meetings, held throughout the year.

Furthermore, the Honorary Secretary presented details from the Audited Accounts, for the year ended on March 31, 2024, covering issues, such as, Total Income, Total Expenditures, Net Surplus, and Net Profit Ratio for both Consolidated and IChE Headquarters accounts.

The Annual General Meeting (AGM) unanimously approved the Annual Report and the Audited Statement of Accounts (2023-24) of IChE.

Emphasizing the importance of submitting the reports timely, the Honorary Secretary urged all the Regional Centres to put forward their annual reports, including audited financial reports, within the designated timeframe as set by the Headquarters.

#### iii. **Announcement of newly elected Council Members for the period 2025-27**

President, IChE, announced the names of the newly elected Council Members and welcomed them to the Council for 2025-27.

#### iv. **Appointment of Auditors for 2024-25**

The three-year term for the current auditors, MARP & ASSOCIATES, Chartered Accountants, 20B, Abdul Hamid Street, 5<sup>th</sup> Floor, Room No. – 15, Kolkata – 700 069, has been completed. Accordingly, the AGM passed a resolution to initiate the process for appointing a new audit firm.

#### v. **Ratification of the Council decision on Life Fellowship Fees**

The AGM decided not to raise the IChE Fellowship fees for the present year. However, the members agreed to undertake restructuring of the fee structure and the criteria for Fellowship as per a format, recommended by Prof. G.D. Yadav. This format was already discussed and adopted in the 6<sup>th</sup> Council meeting (2024).

The members conveyed their gratitude to the President and the outgoing Council Members for the services rendered by them during the year towards the growth of the Institute.

The meeting ended with a vote of thanks to the Chair.

### 4.0 R&D Activities by IChE HQ

The Institute is recognized upto 31.3.26 by the Department of Science and Technology, Government of India, as a Scientific and Industrial Research Organization (Vide Ref. F.No.11/571988–TU–V, Dated: 27.03.2023). During the recent years, IChE has been undertaking research projects in collaboration with renowned universities and engineering / technical institutes, and research organisations.

### 5.0 R&D Related Activities by Regional Centres

An outline of activities connected to research and development in Chemical Engineering and allied fields that have been carried out by IChE's Regional Centres (RCs) as well as by the Student Chapters under the RCs are presented below. For the RCs, the 1-year period covers July 2024 – June 2025.

### R&D Related Activities

| Name of the Regional Centres |  |
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| Ahmedabad                    | <p><b>a) Shirish Parikh Memorial Lecture</b></p> <p>Expert Lecture on “Enterprise Management and Sustainability” delivered by Prof A B Pandit, VC, ICT Mumbai on 05.02.2025.</p>   |
| Amaravati                    | <p><b>a) Webinar</b></p> <p>The one-day national webinar on the topic “Circular Economy Approach for Mitigation of Plastic Waste Challenges, Opportunities and Future Prospects” held on 07.10.2024.</p> <p><b>b) Workshop</b></p> <p>A One Day International Workshop on “Production &amp; Utilization of Green Hydrogen for Sustainable Development” held on 06.02.2025.</p> <p><b>c) Prof M V Rao Endowment Lecture</b></p> <p>The third Prof M V Rao Endowment Lecture was organized by Amaravati Regional Centre in Association with all the Student Chapters under ARC on the topic “Semiconductor Nanostructures for Optoelectronics, Energy, Sensors and Neuroscience Applications” held on 18.02.2025.</p> <p>Prof M V Rao said that the endowment lecture instituted by him with the support of ARC Members as one of the annual events of IChE-ARC is to motivate chemical &amp; allied engineering student community.</p> <p><b>d) Student Chapter Activities</b></p> <p><b>ChECK-2024</b></p> <p>IChE-RVR&amp;JCCE Student Chapter in association with Amaravati Regional Centre successfully organized a National Level Chemical &amp; Allied Engineering and Science Student Meet “Chemical Engineering Contest for Knockout 2024 (ChECK-2024) with the theme “Emerging Trends in Chemical, Pharmaceutical, Energy and Environmental Engineering” on 28.12.2024.</p> <p>RVR&amp;JCCE Student Chapter organized Technical Lecture</p> <ul style="list-style-type: none"> <li>- On ‘Higher Studies and employment for chemical engineers in foreign countries’ by Mr Vamsi Krishna Somanchi, Lead Process Engineer, Connocare Pharma, London, on 21.09.2024.</li> <li>- On ‘AI Modules use in chemical engineering’ by Ms G Hema Chandra, prompt engineering expert of Soul AI, Hyderabad &amp; USA on 21.09.2024.</li> <li>- On ‘AI Fluency Modules’ by Mr K Yeswanth Krishna Charan of CELA, Hyderabad, on 19.10.2024.</li> <li>- On ‘Pollution Control Aspects’ by Mrs Md Naseena Bagum, Environmental Engineer, APPCB, Guntur, on 23.01.2025.</li> <li>- On ‘Higher Education and career opportunities for chemical engineers’ by Mr Mindi Ramakrishna, Assistant Professor, RGUKT, on 20.03.2025.</li> <li>- On ‘Innovation concept to prototype development of a thermal air sterilizer’ by Dr T Sunil Kumar, Professor and Head, Dept of Chemical Engineering, IIT Tirupati, on 22.03.2025.</li> </ul> <p>NIT AP Student Chapter organized Technical lecture</p> <ul style="list-style-type: none"> <li>- On ‘Bridging Academia and Industry: Research Opportunities, Product Design and Analytics’ by Dr Anjan Kumal Tula, Associate Professor, Zhejiang University, China, on 23.01.2025.</li> </ul> |

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|                  | <p>RGUKT Student Chapter organized Technical Lecture</p> <ul style="list-style-type: none"> <li>- On Navigating life after B.Tech in Chemical Engineering – Gate, M.Tech opportunities and PSU Work life’ by Mr Teja Naidu Chedalia, Senior Engineer, Danieli India Ltd., on 02.03.2025.</li> </ul> <p>Industry Visit:</p> <ul style="list-style-type: none"> <li>- RVR &amp; JC College of Engineering Student Chapter arranged industrial visit for B.Tech V Semester Students to M/s. Jocil Limited, Guntur on 11.07.2024.</li> <li>- RVR&amp;JCCE Student Chapter conducted one day industry visit for VI Semester Students at M/s. The Andhra Sugars Limited, Tanuku, on 24.08.2024.</li> <li>- RGUKT Student Chapter organized a three day industry visit for third year B.Tech Students to M/s. HPCL – Visakha Refinery and Srikar Laboratories, Visakhapatnam from 03.02.2025 to 05.02.2025.</li> <li>- RGUKT Student Chapter organized a one day industry visit for B.Tech second year Students to M/s. Jocil Limited, Dokiparru, on 27.03.2025.</li> </ul>   |
| <b>Amethi</b>    | <ul style="list-style-type: none"> <li>a) RGIPT Student Chapter organized ‘Chemical Code Breakout: Event on chemical related puzzle and quiz event on 30.06.2024.</li> <li>b) RGIPT Student Chapter organized a webinar on “Different Career Opportunities as a Chemical Engineer” on 29.06.2004.</li> <li>c) RGIPT Student Chapter organized a webinar on “Mastering Career Strategies for Modern Job Market” on 12.07.2024.</li> <li>d) Webinar on “Green Hydrogen-its significance towards Decarbonization and Sustainability” on 08.09.2024.</li> <li>e) Webinar on “Journey through various sectors of the chemical industry” on 17.11.2024.</li> <li>f) Webinar on “Sustainability in Petroleum Industry: Innovations and Business Strategies” on 21.12.2024.</li> <li>g) Webinar on “From values to action safety integration in chemical process” on 10.01.2025.</li> <li>h) Webinar on “Use of Data Analytics and ML in Oil and Gas Industry” on 09.02.2025.</li> <li>i) Webinar on “Careers in Oil and Gas Domain” on 15.03.2025.</li> <li>j) Webinar on “An overview of petroleum refinery and career guidance” on 22.03.2025.</li> </ul> |
| <b>Bangalore</b> | <p><b>a) Project Grant for UG Students:</b></p> <p>Project Grant was given to encourage innovative student’s project. Six Project Proposals were received from different colleges under Bangalore Regional Centre. These projects were scrutinized by Dr. G M Madhu, Chairman, IChE-BRC and Dr. Koteswara Rao Jammula, Honorary Secretary, IChE-BRC, Bangalore. As per their recommendations five projects were approved by the EC of BRC of an amount Rs. 5,000/- per project.</p> <p>The following Institutes were the recipients of the project grant:</p> <ul style="list-style-type: none"> <li>● MS Ramaiah Institute of Technology, Bangalore</li> <li>● Dayananda Sagar College of Engineering, Bangalore</li> <li>● B M S College of Engineering, Bangalore</li> </ul> <p><b>b) ICRAES-2024</b></p> <p>The Fifth International Conference on Recent Advances in Engineering Sciences on the theme “Next Generation Materials for Sustainable Technologies” was conducted on 14.11.2024 and 15.11.2024</p>   |

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|                    | <p><b>c) RACBSF-2025</b></p> <p>The International Conference on “Recent Advances in Chemical and Biological Sciences for Sustainable Future (RACBSF-2025)” was successfully organized from 19.02.2025 to 21.02.2025.</p> <p><b>d) Student Chapter Activities</b></p> <p>BMCHE Student Chapter organized-</p> <ul style="list-style-type: none"> <li>- A workshop on AI Tool Integration to Automated Research in Academics on 07.04.2025 and 08.04.2025</li> </ul> <p>MSRIT Student Chapter organized-</p> <ul style="list-style-type: none"> <li>- Industrial visit to- <ul style="list-style-type: none"> <li>● Zeta Biosystems, Nelamangala on 08.04.2025</li> <li>● Chamundeswari Sugar Factory, Mandya on 07.12.2024</li> <li>● Vachichem Pharmaceuticals Pvt. Ltd., Peenya on 24.05.2025</li> </ul> </li> <li>- A Talk on “Self-Healing Polymers in Aerospace Applications” by Dr. V. Naveen on 22.11.2024</li> </ul> <p>DSCE Student Chapter organized-</p> <ul style="list-style-type: none"> <li>- Faculty Development Program on “Innovations in Sustainable Chemical and Biochemical Technologies for Industrial Applications, (ISCBTIA-2025)” from 04.02.2025 and 10.02.2025</li> <li>- A Webinar on “Advancements in Solar Industry: A Sustainable Energy on 16.05.2025</li> <li>- A Guest Talk on “Artificial Intelligence Applications in Science and Engineering” by Dr. Natarajan Venkateshwaran on 18.09.2024</li> <li>- Chemtalks on “Importance and Protection of IPRs” by Dr. Rudresh M on 26.12.2024</li> </ul> <p>A talk on “An Overview of Chemical Plant Utilities” by Mr. Narasimha Acharya, Technical Consultant of KGPS Mechanical India Pvt. Ltd. On 29.08.2024</p> |
| <b>Baroda</b>      | <p>a) A National Conference was organized on “Connecting Green Hydrogen 2025 (CGH 2025).</p> <p>b) Distinguished Lecture Programs held on “Systematic Approach for Wastewater Treatment and Reuse for Sustainable Future” by Mr. Sahabuddin Ahmed.</p>   |
| <b>Bhubaneswar</b> | <p><b>a) Seminar</b></p> <p>IChE Bhubaneswar Regional Centre.in association with CSIR-IMMT organized a two day seminar on “Technological Challenges in the Mineral Sector (ODICHEM- 2024)” on 18-19.10.2024.</p> <p><b>b) Technical Talk</b></p> <ul style="list-style-type: none"> <li>- on the topic ‘Revitalizing Minerals and Metals for a Greener Tomorrow’ by Mr Ashwin Shroff, Executive Chairman, Excel Industries Limited, Mumbai, on 18.10.2024.</li> </ul>  |
| <b>Calcutta</b>    | <p><b>a) Seminar, Lectures and Workshop</b></p> <ul style="list-style-type: none"> <li>- A National Seminar was conducted on “Prospects of Green Hydrogen Technology in India” by Padmashri Prof. G. D. Yadav, Prof. B. Basu, Prof. C. Bhattacharjee, Dr. S.B. Kuila, Prof. K.K.Chattopadhyay, Dr. Tapan Bera, Dr. Debasish Bhattacharjee, Mr. Mainak Ray, Mr. Ajoy Pal, Mr. Prasanta Gorai, Mr. Rajib Roy, Mr. Prasad MSS at H L Roy Auditorium, IChE on 06.12.2024</li> <li>- Prof D.K.Dutta Memorial Lecture was organized on “Project Management Process on Industrial Gas, Oil and Petroleum Industry” on 22.02.2025</li> </ul>   |

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|                   | <ul style="list-style-type: none"> <li>- A Workshop titled “Petroleum Refining and Its Downstream Processing” was organized on 29.03.2025</li> <li>- Prof. N.K.Bose Memorial Lecture on “The Evolution of India’s Chemical Industry, Innovations, Challenges and the Road to Net Zero Emission” by Dr. Sobhan Ghosh and “Digitization of Industrial Water Treatment and Sustainability” by Mr. Alok Bhadra was held on 05.04.2025</li> </ul> <p><b>b) Student Chapter Activities:</b></p> <ul style="list-style-type: none"> <li>- CIT Uluberia Student Chapter Conducted a seminar on Resin Production Process and Downstream Products by Mr. V Agarwal, CEO M/s Ratankar Resins Ltd.</li> <li>- CIT Uluberia Student Chapter Organized an Industrial Visit to CSIR-CGCRI, Ramco Cement, Mecheda and Berger Paints, Rishra</li> <li>- Calcutta University and Jadavpur University Student Chapters participated in the National Seminar on Green Hydrogen at CRC.</li> <li>- HIT Student Chapter celebrated ChEMSPARK 2024 on 18.11.2024. A Workshop was conducted on “Introduction to Molecular Simulation” by Dr. Monojit Chakraborty.</li> </ul> |
| <b>Chandigarh</b> | <p><b>a) Technical Lecture</b></p> <ul style="list-style-type: none"> <li>- On ‘Biosensors and Microfluidics’, delivered by Prof Shantanu Bhattacharya, Director CSIR-CSIO, on 17.09.2024</li> </ul> <p><b>b) Chem-E-Search</b></p> <p>This event was held on 21,02.2025 to showcase the department’s commitment to fostering innovation and technical excellence in the field of chemical engineering.</p>  |
| <b>Doaba</b>      | <p><b>Lecture</b></p> <ul style="list-style-type: none"> <li>- On “Global Opportunities for Young Professionals” by Prof Rajeev Ahuja, Director, IIT Ropar, on 19.04.2024.</li> </ul>  |
| <b>Hyderabad</b>  | <p><b>a) International Conference</b></p> <p>An International Conference on ‘Sustainable Energy and Environmental Developments’ held on 13-14 December 2024.</p> <p><b>b) A national level student symposium was organized on 4–5 March 2025: ChemSpark-2K24</b></p> <p><b>c) Organized a keynote lecture by Dr. S. Sridhar, Chief Scientist, IICT Hyderabad, on the topic ‘Development of Indian Industry and Society through Innovative Chemical Engineering’ on 04.03.2025.</b></p>   |
| <b>Nagpur</b>     | <p><b>a) Reopening of Student Chapter</b></p> <p>IICHe Student Chapter at LIT University was officially reopened on 01.07.2025</p> <p><b>b) Student Chapter Activities</b></p> <p>Dept of CE, SGGSI&amp;T, Nanded Student chapter organized Expert Lecture</p> <ul style="list-style-type: none"> <li>- On “Environmental Sustainability” by Mr. Gautam Lehri on 29.09.2024</li> <li>- On “Career Opportunities in Sustainability, and Waste Management” by Mr. Shivkumar Muley on 30.09.2024</li> <li>- On “Python in Chemical Engineering” by Mr. Abhijit Bhakte on 5.11.2024</li> <li>- On “Sustainable Nanomaterials and Nanostructures: Its Application in Sensing and Catalysis” by Dr. Navinchandra Shimpi on 13.01.2025</li> </ul> <p>Dept of CE, SGGSI&amp;T, Nanded Student chapter organized An Industry</p> <ul style="list-style-type: none"> <li>- Sponsored National Conference on “Recent Advances in Chemical Engineering” SANKALP 1.0 on 11.04.2025 &amp; 12.04.2025</li> </ul>  |

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|                        | <p>Dept of CE, PCE Nagpur, Student Chapter organized Guest Lecture</p> <ul style="list-style-type: none"> <li>- On “Computational Fluid Dynamics” by Mr. Manish Bhasme, Technical Director, CFD Consultants India.</li> <li>- On “Green Manufacturing for Sustainable and Clean Tomorrow” by Dr. Debishree Khan on 25.03.2025</li> </ul> <p>LITU, Nagpur Student Chapter organized Guest Lecture by Prof. Vivek Polshettiwar on his Focused Research on Advanced Nanomaterials and Nano Catalysis, particularly for harvesting solar energy and converting carbon dioxide into valuable chemical and fuels on 01.02.2025</p>  |
| <p><b>Northern</b></p> | <p><b>a) “Learning with The Leaders” Lecture Series</b></p> <p>Series-1</p> <ul style="list-style-type: none"> <li>- On “The need for Global Water Resource Management and it’s Impact on Climate Change” by Dr. Ramesh Kumar Jalan on 06.04.2024</li> <li>- On “Low Carbon Emission Technologies” by Mr. K. K. Sharma on 06.04.2024</li> </ul> <p>Series-2</p> <ul style="list-style-type: none"> <li>- On “Greening of Fertilizer Production” by Dr. Sachchida Nand on 27.04.2024</li> <li>- On “Tray Column Design-From a Practicing Engineer’s Desk” by Dr. Siddhartha Mukherjee on 27.04.2024</li> </ul> <p>Series-3</p> <ul style="list-style-type: none"> <li>- On “Distillation Columns- an Industry Perspective” by Dr. Siddhartha Mukherjee on 05.03.2025</li> </ul> <p><b>b) Technical Seminar</b></p> <ul style="list-style-type: none"> <li>- On “PFAS (The Forever Chemicals): A Profile” by Ms. Rathi R on 13.07.2024</li> <li>- On “Tutorial of Tray Sizing” by Dr. Siddhartha Mukherjee on 13.07.2024</li> <li>- On “Liquid Organic Hydrogen Carriers” by Mr. TPV Ranganadham on 13.07.2024</li> <li>- On “Technology Development &amp; Growth Scenario in Chlor-Alkali industry (Global and Indian Perspective)” on 12.11.2024</li> </ul> <p><b>c) 31<sup>st</sup> Lovraj Kumar Memorial Lecture:</b></p> <p>Lovraj Kumar Memorial Trust, in association with IChE(NRC) organized a lecture on “A Vision of Viksit Bharat” by Dr. Arvind Virmani on 08.11.2024</p> <p><b>d) Annual Industry Visit:</b></p> <p>IChE(NRC) organized a plant visit to Jubilant Ingrevia Ltd., Gajraula, Uttar Pradesh, on 11.03.2025</p> <p><b>Student Chapter Activities</b></p> <p>IChE USCT Student Chapter Organized</p> <p><b>a)</b> A Technical Lecture On “Chemical Plant Design - An Overview” by Mr. C. P. Srivastava on 15.10.2024</p> <p>IChE-DTU Student Chapter Organized</p> <p><b>b)</b> Along with Department of Applied Chemistry, a hands -on workshop on Distillation Columns on 24.02.2025</p> <p><b>c)</b> First, Second and Third Lecture on Polygenesis series on 23.01.2024, 19.04.2024 &amp; 09.10.2024 respectively.</p> <p><b>Vigyansh’25</b></p> <p>A 2-Day Technical Conference, Organised by Tatva, A Student-run Society on Chemical Engineering that held on 01.04.2025-02.04.2025</p> |

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|                    | <p>RBSETC Student Chapter Organized an Online Lecture on “Process Optimization in Chemical Industries”, on 09.12.2024</p> <p>SNU, Delhi, NCR Student Chapter Organized</p> <p><b>d) Process Safety Seminar</b> on 30.08.2024</p> <p><b>e) Industry Expert Talk</b> on “Distillation Columns- All About Column Trays?” by Dr. Siddhartha Mukherjee on 22.04.2025</p>  |
| <p><b>Pune</b></p> | <p><b>a) Workshop</b></p> <p>A One Day Workshop on “Intellectual Property Rights (IPR)” was held on 21.02.2025 at NCL, Pune, where 54 participants took part in it.</p> <p><b>b) Student Chapter Activities</b></p> <p><b>CHEMCON-2024</b></p> <p>02 students from DYPIEMR/DYPIU, Pune Student Chapter participated in CHEMCON- 2024 at NIT, Jalandhar on 27.12.2024.</p> <p><b>CHEMATHON-2025</b></p> <p>05 students from DYPIEMR/DYPIU, Pune Student Chapter participated in CHEMATHON-2025 at Kongu Engineering College, Erode, Tamil Nadu on 28.02.2025.</p> <p>DYPIEMR/DYPIU, Pune Student Chapter organized Industrial Visit</p> <ul style="list-style-type: none"> <li>- To Pune Techrol, Pune on 01.08.2024</li> <li>- At Water Treatment Plant, PCMC, on 13.08.2024</li> <li>- To Ajinkya Tara Sahkari Sakhar Karkhana, Satara, on 01.10.2024</li> <li>- To DIPEX 2025, on 04.04.2025</li> <li>- To Kusum Distillation &amp; Refining Private Limited, Kurkumbh MIDC on 08.04.2025.</li> </ul> <p>DYPIEMR/DYPIU, Pune Student Chapter organized Guest Lecture</p> <ul style="list-style-type: none"> <li>- On “Prospects of Chemical Engineering” by Mr. Pramod Deshmukh, Asian Academy on 08.10.2024</li> <li>- On “Safety in Chemical Industry” by Mr. I. G. Dhudhani on 08.04.2025.</li> </ul> <p>05 students from DYPIEMR/DYPIU, Pune Student Chapter participated in IPR Workshop Organised by IICHe PRC at NCL Pune on 21.02.2025</p> <p>DYPIEMR/DYPIU, Pune Student Chapter organized a Workshop on “Simulation Opportunities in Chemical Engineering” by M.S.Shruti Kale, Equinox Software on 04.04.2025.</p> <p>AISSMSCE, Pune Student Chapter organized Industrial Visit of Third Year Students to “Sewage Treatment Plant”, Baner, Pune on 15.10.2024</p> <p>SCE, Pune Student Chapter organized Guest Lecture</p> <ul style="list-style-type: none"> <li>- On “Importance of Profile Building” by Dr. Utkarsh Maheshwari, DYPIU, Pune on 29.09.2024</li> <li>- On “Prospect of Piping Engineering in Chemical Industry Design World” by Dr. Sachidanand Satpute, VIT, Pune on 08.10.2024</li> <li>- On “Opportunities in Chemical Process Engineering” by Mr. Sagar Saware, Senior Process Engineer, Worley Services India Pvt. Ltd. on 18.02.2025</li> <li>- On “Startup and Incubation” by Mr. Swapnil Mali, Manager, COEP’s BHAU Institute of Innovation, Entrepreneurship and Leadership on 06.05.2025</li> </ul> <p>DTK Student Chapter organized National Level Technical Event Technosis, 2025 on 08.04.2025</p> <p>Dept of CE, BVCE, Pune Student Chapter Organised Seminar</p> |

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|                          | <ul style="list-style-type: none"> <li>- On “Applications on Enzymes in Various Fields” by Dr. Abhijeet Rathi, Director, Advanced Enzymes Technologies Ltd, Thane on 02.08.2024</li> <li>- On “Versatility and Long-Term Benefits of Chemical Engineering Career” by Mrs. Lipsi Kumari, Global Supply Chain-Program Manager, Amazon.com INC, Nashville, TN, USA on 09.08.2024</li> </ul> <p>Dept of CE, BVCE, Pune Student Chapter Organised Industrial Visit</p> <ul style="list-style-type: none"> <li>- To Shivshakti Oxalate Pvt. Ltd., Kurkumbh on 23.09.2024</li> <li>- To Katraj Dairy, Pune on 28.01.2025</li> <li>- To Vinati Organics, Mahad on 19.03.2025</li> </ul> <p>Dept of CE, BVCE, Pune Student Chapter Organised Expert Lecture by Anurag Kumar Zhan On Biotechnology and Sustainable Solutions on 17.01.2025</p> <p>MITAE, Pune Student Chapter organized</p> <ul style="list-style-type: none"> <li>- Essentials of Aspen HYSYS and Carbon Capturing Techniques conducted by ASPENTECH on 20.08.2024</li> <li>- 3 days training program on ASPEN HYSYS by ASPEN TECH from 14.10.2024 to 16.10.2024</li> </ul> <p>MITAE, Pune Student Chapter organized Workshop</p> <ul style="list-style-type: none"> <li>- Of 10 hours on Fibre to Fabrics by Dr. Sunil Balkrishna Mhetre and Dr. Sachin Mahadev Lanilage, Dr. Ravindra Narhanao Joshi from 21.11.2024 to 23.11.2024</li> <li>- Of one day from ASPEN TECH on topic CC2001 Achieve Sustainability Goals with Aspen Plus® Solution on 06.02.2025</li> </ul> <p>MITAE, Pune Student Chapter organized Guest Lecture</p> <ul style="list-style-type: none"> <li>- On “Industrial Waste Water Treatment: Rate and Kinetics Study” by Dr. Kiran Bhuyar on 15.09.2024</li> <li>- On “Thermal and Spectroscopic Methods of analysis” by Dr. Prasad Khandagale on 06.11.2024</li> <li>- On topic “Mass Transfer and its Analogies” by Dr. Sandeep Mundhe, SGGSIET, Nanded on 13.11.2024</li> <li>- On “Discourse on accidents in Petroleum Industry, which brought about paradigm shift in approach to Emergency &amp; Disaster Response Scenario.” By Mr. Ajay Kulkarni, Ex Dy General Manager DGM, BPCL (Transport &amp; amp; Bio Fuels, West. M/s BPCL) on 31.01.2025</li> <li>- Delivered by Mr. Swapnil Adamane on the topic, “How to achieve financial freedom” organized by Dr. Mayurkumar Patil on 08.02.2025</li> </ul> <p>MITAE, Pune Student Chapter organized Industrial Visit</p> <ul style="list-style-type: none"> <li>- To DKTE Textile and Engineering Institute on 30.11.2024</li> <li>- At Sahyandri Farms Post harvest care limited, Mohadi, Nashik on 07.02.2025</li> <li>- At Cytiva pvt. Ltd, Hinjewadi Pune on 20.02.2025</li> </ul> <p>JNEC, MGMU, CS Nagar Student Chapter organized Industrial Visit</p> <ul style="list-style-type: none"> <li>- To “Kaygaon Paper Mill” on 25.10.2024</li> </ul> <p>To “ETP Plant Visit” on 28.02.2025</p> |
| <p><b>Trivandrum</b></p> | <p><b>a) Technical Lecture:</b></p> <ul style="list-style-type: none"> <li>i. On ‘Industrial Waste Water Management’ by Dr Venugopal S, General Manager, HLL Lifecare Limited, on 07.11.2024.</li> </ul>   |

ii. On 'Biotechnology in Space' by Dr Suresh Kumar A, Scientist, VSSC, ISRO, Trivandrum, on 20.02.2025.

iii. On 'Opportunities in Biotechnology' by Dr Pinaki Dey, Senior Scientist, CSIR-NIIST, Trivandrum, on 20.02.2025.

**b) Patent Granted**

i. Dr Remya Balakrishnan, Ms Monisha and Mr Nallaperumal A M were granted patent vide number 202541003090 titled 'Low outgassing rigid polyurethane foam for spacecraft applications.

ii. Dr Shaneeth M and Mr Vinay Mohan Bhardwaj were granted patent vide no. 525659 titled 'An autonomous, silent and portable fuel cell system and a fuel cell stack therefore.

**c) Paper presented in conference**

At International Congress on Glass 2025, Kolkata

- on the topic 'Novel Sinc-Borosilicate Glass for Low Temperature Co-Fired Ceramics (LTCC) based Electronic Substrates' by Dr Venkateswaran, et al.

- on the topic 'Study on the effect of crystallization heat-treatments on thermal dilation behavior or lithium aluminosilicate (LAS) glass-ceramic' by Dr Venkateswaran, et al.

- on the topic 'Mixed network former effect on the sodium ion-dynamics' by Dr Venkateswaran et al.

- on the topic 'Fuel Cells for Aerospace Applications' by Dr Shaneeth M at 3<sup>rd</sup> National Workshop on Electric Aircraft & Allied Technologies 2024

- on the topic 'Energy Systems for space applications' by Dr Shaneeth M at Global Science Festival of Kerala in 2024

- on the topic 'Synthesis of processable matrix resin for carbon fiber-reinforced ultra-high temperature ceramic matrix composites' by Mr B V Rajasekhar et al at Journal of American Society, 2025.

**d) Award**

- The IChE-CGG Panicker Gold Medal for the year 2024 was won by Mr Akash S Babu from TKM College of Engineering, Kollam.

- IChE-MR Kurup Gold Medal Award 2024 was won by Ms Sreelekshmi B, from Sree Chitra Thirunal College of Engineering, Trivandrum.

**e) Student Chapter Activities:**

i. Student Chapter at SCCET

- conducted Educational tour to NIMS Medicity, Thiruvananthapuram on 10.01.25.

- conducted Workshop on 'Bioethanol Production: Biomass to Biofuel' on 10.1.25.

- conducted Industrial visit to Kerala Minerals and Metals Ltd., Chavara.

- conducted motivational Sessions on "Bioinnovate – Innovation Showcase", on 13.01.2025.

- conducted Technical Poster and paper presentation contest by Innovation and Entrepreneurship Development Centre on 26.03.2025.

- conducted "Scavenger Hunt: Teamwork Activity" on 04.01.2025.- conducted technical talk on "Fungal Fermentation to Produce High-Value Chemicals: A Waste to Health Concept" by Dr Adarsh Madhu, IIT Delhi, on 25.01.2025.

- conducted technical talk on "The Science of Gut Defenders: Antimicrobial Attributes of Probiotic Lactic Acid Bacteria" by Dr Madhavani Nampoothiri, CSIR-NIIST, Thiruvananthapuram

ii. Student Chapter at TKM College of Engineering, Kollam

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|                    | <ul style="list-style-type: none"> <li>- conducted technical talk on “Fueling the Future” by Dr Jaison Cletus, Scientist DRDO, on 07.10.2024.</li> <li>- conducted technical talk on “Innovate, Synergize, Lead” by Mr Manoj P L, Vice President, Abu Dhabi Refinery on 30.12.2024.</li> </ul> <p>iii. Student Chapter at Mohandas College of Engineering and Technology</p> <ul style="list-style-type: none"> <li>- conducted technical talk on “Biotechnology in Space: Highlights-PSLV CROPS Mission” held on 25.02.2025.</li> <li>- technical talk on “Magnetic Cobalt Oxide Nano particle as catalysts for PET glycolysis: Effect of synthesis routes on catalytic activity” by Dr Deepthi Thomas, VSSC.</li> <li>- technical talk on “Estimating printability of thermosetting polymers through additive manufacturing using dimensionless groups” by Dr Ajith C, VSSC</li> <li>- technical talk on “A Novel NiCo-MoF Dual – Function Electro Catalyst Tackling Energy and Environmental Concerns” by Merlin Joy, IIST</li> <li>- technical talk on “Additive Manufacture of Polymer Derived SiOC Ceramic composites for advanced technology applications” by U Vanshikka, CSIR-CGCRI, Kolkata.</li> </ul>  |
| <p><b>Vapi</b></p> | <p><b>a) Expert Lecture</b></p> <ul style="list-style-type: none"> <li>- An insightful expert lecture titled “SOPs for Major Equipment in Chemical Industries” was conducted by Mr. Tapan Makadiya, Control Room Officer at GSPC LNG Ltd., Mundra, Kutch, arranged by Govt. Engineering College on 05.10.2024.</li> <li>- Govt. Polytechnic, Daman hosted an expert session on “Use of Chemistry in Chemical Engineering,” delivered by Dr. H.M. Bhatt, Chairman &amp; MD of Precitech Laboratories, on 10.10.2024.</li> <li>- IChE VRC and Govt. Polytechnic College, Daman jointly organized an expert lecture on “Plastics &amp; Sustainability: Debunking the Myths,” on 30.01.2025, delivered by Dr. Kiran Patil, Dean &amp; Provost-in-Charge at Plastindia International University, Vapi.</li> </ul> <p><b>b) Webinar</b></p> <p>A one day virtual webinar on “Harnessing the Power of AI in Advanced Chemical Process Control with Aspen DMC3” was conducted by Mr. Jwal Soni, Technical Support Engineer at Aspen Technologies, on 21.12.2024.</p> <p><b>c) Student Chapter Activities</b></p> <p>IChE Student Chapter was represented by Eight students from Govt. Polytechnic, Valsad at a State-Level Workshop on “Industrial Safety” on 10.03.2025. This Workshop was organized by R.N.G. Patel Institute of Technology and N.G Patel Polytechnic, Bardoli.</p> <p><b>d) Workshop</b></p> <p>A Skill Development Workshop on ChemCAD Software was organized by IChE student chapter at Govt. Polytechnic Valsad jointly with Om Engineering College, Junagadh on 27.03.2025.</p> <p><b>e) Industry Visit</b></p> <ul style="list-style-type: none"> <li>- Final-Year Chemical Engineering students from GP Daman visited Aryan Paper Mill, GIDC Vapi, on 05.02.2025, a visit facilitated by Mr. J.R. Shah of IChE VRC.</li> <li>- IChE VRC members visited Plastindia International University, Vapi, upon the invitation of Dr. Kiran Patil, on 04.03.2025. This visit focused on discussions including strategic plans for industry-institute collaboration, skill development and startup incubation support.</li> <li>- With the help of valuable support from Dr. H.M. Bhatt(CMD, Precitech Laboratories) and Mr. Shashikant Pokale, Chairman IChE VRC, Govt. Polytechnic Valsad students visited Precitech Pvt. Ltd. and CETP Vapi on 24.03.2025.</li> </ul> |

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|                       | <ul style="list-style-type: none"> <li>- An insightful Industrial visit to Colourtex Industries, Vilayat, Bharuch, was undertaken by students from Govt. Polytechnic Valsad on 05.04.2025, with the vision of gaining hands-on knowledge of chemical processing.</li> <li>- Govt. Polytechnic Valsad students had a productive visit to Kanoria Chemical and Industries Ltd., Ankleshwar, on 07.04.2025, where they explored practical chemical engineering applications.</li> </ul> <p><b>f) Internship Program</b></p> <p>An Industrial Internship Program was finalized on 28.05.2025 for five students from Govt. Polytechnic Valsad through dedicated efforts by EC Member Mr. Maulik Desai, who coordinated with industries, that significantly enhancing practical learning opportunities for students.</p>  |
| <p><b>Waltair</b></p> | <p><b>a) Workshop</b></p> <p>A one day International workshop on “Sustainable Practices for Industrial Pollution Control” was held on 10.03.2025 organized by Department of Chemical Engineering, AU College of Engineering, Andhra University in association with IChE-WRC. Nearly 500 National and International participants from R&amp;D, Industry &amp; academia along with Research Scholar and students were present in this International Workshop.</p> <p><b>b) Industry Visit</b></p> <p>Batch of 65 participant from GVPCE Student chapter visited to RIL-Gadimoga, Yanam on 28.09.2024.</p> <p><b>c) Industry Interaction</b> Industry Interaction with “Jindal Urban Waste Management Ltd.” was done on 07.01.2025 by two faculty members of GVPCE.</p> <p><b>d) Student Chapter Activities-(IChE IIPE student chapter)</b></p> <p><b>Special talk</b></p> <ul style="list-style-type: none"> <li>- On the topic “Two Phase Flow: Understanding &amp; Application” on 03.09.2022 by Dr. Sumana Ghosh, Associate Professor, Dept. of Chemical Engineering, IIT-Roorkee.</li> <li>- On “Simulated moving bed system and its various Modifications for Difficult and Reactive Separations,” on 21.10.2022 by Dr. Ajay K. Ray, Professor of Chemical and Biochemical Engineering Department at the University of Western Ontario (UWO), London, Ontario, Canada.</li> </ul> <p><b>Alumni Talk</b></p> <p>IIPE IChE organized in collaboration with IIPE SPE and IIPE AAPG Student chapters the second session of Alumni Talks on 16.10.2022 by Mr. Gaurav Singh of IIPE, currently employed at Larsen &amp; Toubro, highlighted on sector understanding and hiring procedure.</p> <p><b>VISHLESHAN 2.0</b></p> <p>Vishleshan –A case study and Analytical competition was held on 01.11.2022 on the theme- “Industrial Disasters: Prevention and Control”.</p> <p><b>ENEGRON</b></p> <p>Enegron-A case study competition where student from all discipline and all years can participate. The Prize money was worth 9k.</p> <p><b>e) Student Chapter Activities-(IChE GVPCE Student Chapter)</b></p> <p><b>Guest Lecture</b></p> <ul style="list-style-type: none"> <li>- On “Process Safety in Industries” by Sri Nanduri Sitaram, Advisor (Retd.) Operations HSSE, Qatar, Shell GTL on 31.08.2024 in two sessions with 36 participants.</li> <li>- On “Masters in Chemical Engineering” by Kashyap Saraswatula, Flow and Thermal Architect Drive Laser source, EUV at ASML Geldrop, North Brabant, Netherlands, on 16.12.2024 with 28 participants.</li> </ul> |

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|  | <ul style="list-style-type: none"> <li>- On “Opportunities in Advanced Process control &amp; Optimization,” by Prithvi Garikiparthy, Principal Engineer at Technip Energies, Mumbai, on 27.12.2024.- On “Python Applications in Chemical Engineering” by Kolluri Srinivas Sahan, Data Engineer at Crowley Webb, Buffalo, NY, US, on 08.01.2025.</li> </ul> <p><b>Scientific study</b></p> <p>Study of Pollutants Through Weather Watch of “The Hindu” Daily Newspaper-project “Paryavaran” on 27.01.2025.</p> <p><b>f) Student Chapter Activities-(IChE ANITS Student Chapter)</b></p> <p><b>CHEMFLARE 2025</b></p> <p>Department of Chemical Engineering in association with ANITS IChE student chapter conducted a two day national level Tech-Fest “CHEMFLARE 2025” on 06<sup>th</sup> &amp; 07<sup>th</sup> March, 2025.</p> <p><b>Value-added course</b></p> <p>A Value-added course on “Application of Excel to solve engineering Problems,” was organized by IChE ANITS student chapter in association with Dept. of Chemical Engineering, ANITS.</p> <p><b>Student Activity</b></p> <ul style="list-style-type: none"> <li>- on “Crossword Puzzles on Chemical Engineering” held on 25.02.2025.</li> </ul> |
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**The following Student Chapter has separately submitted its Annual Report**

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| <p><b>SSN College of Engineering, Chennai</b></p> | <p><b>a) Guest Lectures</b></p> <ul style="list-style-type: none"> <li>- On the topic “Expectations of Industry on Skills of Fresh Chemical Engineers” by Mr. Stalin S., Aleff Group, UK, on 18.09.2024.</li> <li>- On “ Recent Incident at Process Industry-case study and Proactive safety measures,” by Mr. K.Palani, Senior Manager, Safety and EMS, Ashok Leyland, Chennai, on 24.09.2024.</li> <li>- On “Nuclear Energy, Clean Power for a Better Tomorrow,” by Mr. Aashranth B., Scientific Officer, IGCAR, Kalpakkam, Tamil Nadu, on 29.01.2025.</li> <li>- On “Effective Hydrogen Storage and Transport Methodologies” by Dr. Nachiappan Senthilnathan, Sr. Lecturer, Chemical Engineering, University of Technology and Applied Sciences, Sultanate of Oman, on 30.01.2025.</li> <li>- On “EV Technology-The Path to Great Future,” by Dr. Manoj Kumar Moharana, Associate Professor, NIT Rourkela, Odisha, on 31.01.2025.</li> <li>- On “Industrial Design of Process cooling system,” by Mr.Venkat Subramanian, Technical Consultant, M/s Yokogawa KBC, Chennai, on 21.02.2025.</li> <li>- On “Importance of Technical Knowledge and Innovation in the field of Chemical Engineering,” by Mr. K. Sadanand, Kurita Aquachemic India Pvt. Ltd., Chennai, on 07.03.2025.</li> <li>- On “Energy Storage and Heat Integration in Process Plants,” by Mr. NVN. Nandagopalu, General Manager, Chennai Petroleum Corporation Ltd., Manali, Chennai, on 10.03.2025.</li> <li>- On “Energy Storage and Heat Integration in Process Plants,” by Dr. N. Balasubramanian, Director, Centre for Energy Storage and Technologies, Anna University, Chennai, on 10.03.2025.</li> <li>- On “Role of Environmental Laws for the Effective Governance in India,” by Dr. S. Ganapathy Venkatasubramanian, Expert Member State Level Environmental Impact Assessment Authority, Tamil Nadu, on 15.04.2025.</li> </ul> <p><b>b) National Conference</b></p> <ul style="list-style-type: none"> <li>- The 10<sup>th</sup> National Conference on “Sustainable trends in Energy and Environmental Resources (STEER) held on 07<sup>th</sup> &amp; 08<sup>th</sup> March, 2025.</li> </ul> |
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## **6.0 Council Meeting Highlights**

Major decisions taken at the meetings, held between 1 April 2024 and 31 March 2025, are presented below:

### **6.1 3rd meeting for 2024, held on 27 April 2024 at Anna University, Tamil Nadu**

#### **Administrative**

The Council unanimously decided to offer complimentary Organizational Membership to organizations which will contribute sponsorship amounts exceeding Rs. 10 lakhs for CHEMCON and SCHEMCON. The organizational membership fee would be adjusted from the surplus amount receivable from the respective organizers of CHEMCON and SCHEMCON.

#### **Change of Fund Name**

The Council decided to rename the 'IChE Employees' Pension Fund' as 'Retirement Welfare Fund' in the balance sheet as well as in all the accounting procedure and in the service book w.e.f.1st May 2024.

#### **Introduction of Certificate / Diploma Courses**

Following the decision taken by the Council to discontinue new enrolment for the AMIChE programme with immediate effect for the benefit of the students, the Council proposed to start various certificate and/or diploma courses with various organizations. The Council unanimously authorized the Director General and Directors of the IChE-Training Institute (IChE-TI) to take initiatives to develop such programmes with various organizations.

Further, it was decided to sign a Memorandum of Understanding (MoU) with Central Institute of Plastics Engineering and Technology (CIPET) to establish a Diploma Course in Chemical Engineering/Energy under the IChE-TI banner. Accordingly, the same was accepted by Prof. Sishir Sinha, Director General, CIPET in principle.

#### **New Student Chapter**

The Council approved the formation of Student Chapter in the Department of Chemical Engineering, Government Polytechnic Valsad, Gujarat under the guidance of Vapi Regional Centre and at the Department of Energy Engineering, Sharnbasva University, Kalaburagi, Karnataka under the guidance of Hyderabad Regional Centre, respectively.

### **6.2 4<sup>th</sup> meeting for 2024, held at Hyatt Place, Bharuch on 6 July 2024.**

#### **AMIChE Examination**

The Council was informed that a letter has been circulated among the newly registered candidates (14) to convey about

a public notice, issued by the Government of India, All India Council for Technical Education (AICTE), and the Ministry of Education (MoE), dated 6/12/2012. According to the notice, there has been a withdrawal of recognition granted to all certificates/qualifications awarded by professional bodies/Institutions in the field of technical education from 01.06.2013 onwards. The Council noted that accordingly, the newly registered candidates have submitted their consent letters for undertaking the AMIChE examination.

#### **Council Election Nomination Form Modifications**

The Council approved the following two modifications in the nomination form for the Council Election:

- i. The Bank A/C details for the payment of nomination fees are to be mentioned in the in the nomination form.
- ii. Endorsement from the Regional Centre should be clarified by modifying the nomination form.

#### **Renovation / Refurbishing Work**

The room that was identified for operation of the IChE Training Institute in the Headquarters building required interior decoration, including purchase of a meeting table, repairing of window, installation of electrical wiring, and other electrical accessories. The repair and painting had to be conducted according to the standard procedures, i.e., scrapping off old paint, filling up cracks, applying one coat of primer, followed by touch-up putty and primer, and finishing with two coats of paint. Accordingly, after securing three quotations, the lowest one at Rs. 1,53,,700 (excluding Tax) was accepted and the job was awarded to the concerned agency. The Council noted the same.

#### **Solar Power Grid Installation**

The Council noted that the solar power grid system that was installed at the IChE headquarters building has begun to function properly.

### **6.3 5<sup>th</sup> meeting for 2024, held at RGIPT Jais, Amethi on 20 September 2024**

#### **Administrative**

##### **Retirement Welfare Fund**

It was decided that the staff members who joined IChE after 2004, whether presently working or retired, will not be eligible for the Retirement Welfare Benefit.

##### **New Award**

Prof. M. K. Jha, President (2021), IChE and Director General, IChE-TI requested to introduce "**Dr. Mithilesh Jha and Dr. Lily Jha Award for Best Promising Chemical Engineering**

**Teacher”** award from the year 2024. The recipient of the award will get one certificate and a medal.

### **IChE-Training Institute**

#### ***MoU with DNV and RMCoE***

Following expiry of the existing MoU with RMCoE in July 2024, It was agreed to enter into a new three-year MoU with DNV and RMCoE for collaboration in operating a Centre of Excellence in Risk Management.

#### ***Separate PAN and GST for IChE-TI***

It was unanimously agreed to acquire a separate PAN and GST for IChE-TI to operate independently and avoid taxation.

#### ***Nationwide Physical Internship Training Program***

The members were informed that 50 students have successfully completed internships in various industries through IChE-TI in the present year. The program will be expanded across the country by utilising the IChE-HQ infrastructure, it was noted.

### **New Student Chapters**

The Council approved the formation of Student Chapters in the Departments of Chemical Engineering of the following engineering colleges / institutes:

Perumal Manimekalai Polytechnic College, Hosur;

Raja Balwant Singh Engineering Technical Campus, Bichpuri, Agra;

Government Polytechnic Daman, Union Territory of Dadra Nagar Haveli and Daman and Diu;

Muzaffarpur Institute of Technology, Muzaffarpur;

Indian Institute of Technology Indore;

Shri Guru Gobind Singhji Institute of Engineering & Technology, Nanded.

### **6.4 6<sup>th</sup> meeting for 2024 held at National Institute of Technology, Jalandhar on 26 December, 2024**

#### **Administrative**

##### ***Allowance for Council Members***

The Council approved payment of Rs. 30,000 for the members attending four Council meetings in a year. Those attending over 4 meetings will be entitled to a payment of Rs. 40,000 in a calendar year.

#### **Membership**

##### ***Fellowship***

The Council approved the admission of the following two Honorary fellows. :

**Prof. Binod Kumar Kanaujia** (Director, National Institute of Technology, Jalandhar).

**Mr. Pradip Agarwal** (CEO, Heritage Institute of Technology, Kolkata).

The Council also approved transfer of **Mr. Yashwant H. Gharpure** from Life Membership to Honorary fellowship.

Based on the recommendation of the Fellow Committee, **Dr. Kulamani Parida** (LF-12052) was admitted as a Fellow of the Institute.

##### ***Direct admission of Fellows***

The Council discussed and approved the following criteria as proposed by Prof. G. D. Yadav for direct induction of Fellows, including:

- At least 35 years of age
- A minimum of 10 years of experience for candidates with a degree in Chemical Engineering
- 15 years for candidates with a degree in Chemical or Allied Process Technology, or in Engineering other than Chemical Engineering
- 25 years for candidates with a degree in Science, involved in Chemical Manufacture, Process Engineering, Education, design, or execution of significant Chemical Engineering projects.
- The experience of teachers of Chemical Engineering in a recognized university or technological institution will be considered as Chemical Engineering work..
- The candidate must demonstrate distinguished achievements in Chemical Engineering, Chemical Manufacturing or Chemical Processing to merit Fellowship as judged by the Council.
- Additional requirements, such as, i. active engagement in the profession of Chemical Engineering; ii. Associate Membership of IChE or eligibility for Associate Membership, iii. Diploma in Chemical Engineering/ Chemical or Allied Process Technology or a Degree in Science.
- The Candidate should also demonstrate additional experience in responsible position within an organization involved in Chemical Manufacture, Process Engineering, Education, or research and make significant contributions to design or execution of important Chemical Engineering projects in a recognized university or technological institution.

##### **Organisational Membership**

The Council approved Organisational Membership of Vignan's Foundation for Science, Technology, and Research (Deemed to be university), Vadlamudi, Andhra Pradesh.

### **MoUs by IChE-Training Institute**

The Council approved the following Memoranda of Understanding under the initiative of IChE-Training Institute. The MoUs were formally signed during CHEMCON 2024:

#### ***MoU between IChE-Training Institute and CIPET (Central Institute of Petrochemicals Engineering & Technology):***

With its Headquarters in Chennai, CIPET is a premier Academic institution under the Ministry of Chemicals & Fertilizers, Govt. of India, engaged in Skill Development, Technology Support, Academic and Research (STAR) activities in the field of Plastics, Petrochemicals, Polymers, Engineering and Technology.

**MoU between IChE-Training Institute and Sim Infosystems Pvt. Ltd., Chennai.** The latter provides state-of-the-art Training Simulators to Process / Power industries and Academic Institutes.

### **New Student Chapter**

The Council approved the formation of Student Chapter at the Department of Chemical Engineering, Jawaharlal Darda Institute of Engineering and Technology, Yavatmal, Maharashtra under the Nagpur Regional Centre of IChE.

### **National HACATHON**

The Council decided to conduct pan India HACATHON under the initiative of IChE-Training Institute for chemical engineering students. The first edition was decided to be conducted at Kongu Engineering College, Erode.

The Council approved institution of the following sponsored prizes:

**1st Prize (Rs 1,00,000):** Sponsored jointly by Bhumistha and CIPET.

**2nd Prize (Rs 50,000):** Sponsored by ICS.

**3rd Prize (Rs 30,000):** Sponsored by IVL Dhunseri.

### **6.5 1<sup>st</sup> meeting for 2025, held at National Institute of Technology, Jalandhar on 28 December, 2024.**

#### **Election of President**

Prof. Ajay Bansal was unanimously elected President of the Institute for the year 2025. Prof. M.S. Rao put forth the nomination of Prof. Bansal for the position of President.

#### **Election of two Vice-Presidents**

Prof. R. Parthiban and Prof. Parag Ratnakar Gogate were elected as Vice-Presidents of the Institute for the year 2025. Prof. Parthiban's name was proposed by Mrs. Sheela and seconded by Prof. Ajay Bansal while Prof. Gogate's name was proposed by Prof. M.S. Rao and seconded by Dr. Utkarsh Maheswari.

#### **Election of Other Office Bearers**

For the year 2025, the members unanimously elected Prof. Sunil Baran Kuila as the Honorary Secretary of the Institute, while Prof. R. Saravanan was unanimously elected as the Honorary Jt. Secretary. Prof. N. Balasubramanian was unanimously elected as the Honorary Treasurer; Mr. Dhawal Saxena was unanimously elected as the Honorary Registrar and Dr. Utkarsh Maheswari was unanimously elected as the Honorary Controller of Examinations.

#### **Co-option of Members**

The Council unanimously designated Mr. Biswanath Chattopadhyay and Prof. Shishir Sinha as Co-opted Council Members for the year 2025.

#### **New Committees**

The Council unanimously authorized the President and the Honorary Secretary to select the Convener, Chairman, and members of the 16 standing committees and three other committees before the 2nd council meeting for 2025.

### **6.6 2<sup>nd</sup> Meeting for 2025, held at Kongu Engineering College, Tamil Nadu on 1 March 2025**

#### **Standing Committees for 2025**

The Council approved constitution of the following Standing Committees along with three other committees.

## Standing Committees 2025

| Name of the Committees          | Members  |
|---------------------------------|--|
| <b>Admission Committee</b>      | Prof. Madhu Agarwal (Chairperson)<br>Mr. Dhawal Saxena (Convener)<br>Prof. Shailendra Bajpai<br>Dr. Utkarsh Maheshwari<br>Dr. Gaurav Rattan  |
| <b>Publication Committee</b>    | Mr. Shyam Bang (Chairman)<br>Prof. Anil Verma (Convener)<br>Prof. Prabir Kumar Saha<br>Dr. Gaurav Rattan<br>Dr. Utkarsh Maheshwari<br>Prof. Manoj Kumar Ramteke<br>Prof. Pradeep Kumar<br>Prof. G L Devnani (Invitee)<br>Invitee/(s) may be inducted by the committee as and when required depending on the agenda |
| <b>Examination Committee</b>    | Prof. Shailendra Bajpai (Chairman)<br>Dr. Utkarsh Maheshwari (Convener)<br>Dr. T L Prasad<br>Prof. Madhu Agarwal<br>Prof. M Rajasimman<br>Dr Anji Reddy Bhavanam (Invitee)   |
| <b>Finance Committee</b>        | Prof. M S Rao (Chairman)<br>Prof N Balasubramanian (Convener)<br>Ms. Sheela<br>Prof. M K Jha<br>Prof. Sunil Baran Kuila<br>Prof. V V Basava Rao<br>Prof. Animesh Golder<br>Prof. Ajay Bansal (Invitee)   |
| <b>Internal Audit Committee</b> | Prof. Ajay Bansal (Chairman)<br>Prof N Balasubramanian (Convener)<br>Prof. Parag R Gogate<br>Mr. Biswanath Chattyopadhyay  |

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|  | <p>Mr. Praveen Saxena</p> <p>Mr. Debashis Ghosh</p> <p>Prof. Ananta Das (Invitee)</p>  |
| <b>Legal Committee</b>                   | <p>Mr. D M Butala (Chairman)</p> <p>Prof. Sunil Baran Kuila (Convener)</p> <p>Mr. Debasish Ghosh</p> <p>Prof. Vinay K Srivastava</p> <p>Mr. Debashis Ghosh</p> <p>Mr. S I Thakar</p> <p>Mr. Dhawal Saxena</p> <p>Prof. N Balasubramanian</p> <p>Prof. M K Jha (Invitee)</p> <p>Prof. Ajay Bansal (Invitee)</p> <p>Dr. Avijit Ghosh (invitee)</p> |
| <b>Regional Centre Affairs Committee</b> | <p>Prof. C Kartikeyan (Chairman)</p> <p>Prof. R Parthiban (Convener)</p> <p>Mr. Dhawal Saxena</p> <p>Dr. Gourav Ratan</p> <p>Dr. Sidhartha Mukherjee</p> <p>Prof. D Mondal (Invitee)</p> <p>Prof. M V Rao (Invitee)</p>  |
| <b>Awards / Judges Committee</b>         | <p>Prof. Ajay Bansal (Chairman)</p> <p>Prof. Sunil Baran Kuila (Convener)</p> <p>Prof. Vinay K Srivastava</p> <p>Prof. B B Paira</p> <p>Prof. M K Jha</p> <p>Mr. S I Thakar</p> <p>Prof. S.K.Sharma (Invitee)</p> <p>Prof. Vinod K Srivastava (Invitee)</p> <p>Mr. Biswanath Chattyopadhyay (Invitee)</p>  |
| <b>Building Committee</b>                | <p>Prof. N. Balasubramanian (Chairman)</p> <p>Prof. Sunil Baran Kuila (Convener)</p> <p>Mr. Debashis Ghosh</p> <p>Prof. Chiranjib Bhattacharyay</p> <p>Prof. Nitosh Brahma</p> <p>Prof. R K Trivedi</p> <p>Mr. Apurba Bhattacharya</p>   |

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| <b>Education, Training and Research &amp; Development Committee</b> | Prof. Shishir Sinha (Chairman)<br>Prof. Sunil Baran Kuila (Convener)<br>Mr. Dhawal Saxena<br>Prof. R Parthiban<br>Dr. Avijit Ghosh<br>Prof. M K Jha<br>Dr. Somak Jyoti Sahu<br>Dr. Anurag K Tiwari (Invitee)                                     |
| <b>International Relations Committee</b>                            | Prof. Ajay Bansal (Chairman)<br>Prof. R. Sarvanan (Convener)<br>Prof. A B Pandit<br>Prof. K K Pant<br>Dr. Veera Boddu (Invitee)<br>President, RC Vice president and Honorary Secretary are ex- officio members                                   |
| <b>Library, Documentation and Website Committee</b>                 | Prof. Animesh Golder (Chairman)<br>Prof. M Rajasimman (Convener)<br>Dr. Utkarsh Mahaswari<br>Dr. Sanjib Barman<br>Dr. Nitin N Pandhare (Invitee)<br>Prof. Nitosh Brahma<br>Mr. Tapatanay PalX  |
| <b>Student Chapter Affairs Committee</b>                            | Mr. K Sadanand (Chairman)<br>Prof. Parag R Gogate<br>Prof. K Badrinarayana<br>Mr. Apurba Kumar Bhattacharya<br>Prof. D Mondal (Invitee)<br>Prof. Raghwendra Singh (Invitee)<br>Prof. Bidyut Majumdar (Invitee)<br>Prof. Neel Nirmalkar (Invitee) |
| <b>Honorary Fellowship Committee</b>                                | Prof. Ajay Bansal (Chairman)<br>Prof. Sunil Baran Kuila (Convener)<br>Mr. S I Thakar<br>Prof. G D Yadav<br>Prof. P De<br>Prof. Vinod K Srivastava<br>Prof. M. K. Jha   |

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|---|--|
| <b>Chemcon Distinguished Speaker</b>                  | Prof. Ajay Bansal (Chairman)<br>Prof. Sunil Baran Kuila (Convener)<br>Prof. G D Yadav<br>Mr. Biswanath Chattopadhyay<br>Prof. S K Sharma<br>Prof. Ajay Dalai<br>Prof. Manjusri Mishra  |
| <b>Process Safety, Environment &amp; Energy Group</b> | Dr. T L Prasad Gupta (Chairman)<br>Prof. Animes Golder (Convener)<br>Prof. R K Trivedi<br>Mr. D M Butala<br>Prof. Vimal Chandra Srivastav<br>Prof. Kaustabha Mohanty<br>Prof Renu Gupta (Invitee)<br>Prof (Mrs) A P Toor (Invitee) |

#### **Other Committees**

|   |   |
|---|---|
| <b>Headquarters Office Administrative Committee</b> | Prof. B B Paira (Chairman)<br>Prof. Sunil Baran Kuila (Convener)<br>Prof. N Balasubramanian<br>Mr. D M Butala<br>Prof. Apurba Bhattacharya<br>Dr. Avijit Ghosh<br>Mr. Debashis Ghosh        |
| <b>Chemcon &amp; Schemcon Protocol Committee</b>    | Prof. Ajay Bansal (Chairman)<br>Dr. Avijit Ghosh (Convener)<br>Prof. R. Sarvanan<br>Prof. G.D.Yadav<br>Prof. M Rajasimman<br>Prof. Parag R Gogate<br>Prof. M K Jha                          |
| <b>Industry Institute Interaction Committee</b>     | Mr. Biswanath Chattopadhyay (Chairman)<br>Mr. Debasish Ghosh (Convener)<br>Mr. S I Thakar<br>Mr. Dhawal Saxena<br>Mr. B Dalwadi<br>Mr. Nikhil Tonapi (Invitee)<br>Dr. Neetu Divya (Invitee) |

## Education, Training & R&D

### Project Grants

In order to support the R&D activities, a total of Rs.5 lakhs was approved. Out of this, Rs. 4 lakhs will be allocated for UG/PG student projects and Rs. 1 lakh will be allocated for the IChE Headquarters projects. As the IChE Training Institute is actively guiding research and development (R&D) initiatives, all the project proposals for will be floated under the name of the IChE-Training Institute, it was decided. This step will also strengthen the application for the DST-SIRO renewal.

### Industrial Internship Program (IIP)

The Council approved the IChE-TI plans for organizing Industrial Internship Program (IIP). This program will seek to bridge the gap between academic learning and practical industry exposure by offering hands-on experience in well-known chemical industries across India.

The program will be conducted on a pan-India basis, with a nominal registration/application fee as explained below (inclusive of 18% GST):

- IChE Student Members: Rs. 299/-
- Non-IChE Members: Rs. 399/-

### Selection Process:

Shortlisting: The top 100 candidates will be selected based on academic records and eligibility criteria.

Online Interview: A face-to-face (F2F) interview will be conducted online.

Placement: Selected candidates will be placed in chemical industries across India.

This initiative will play a crucial role in fostering industry-academia collaboration and enhancing career opportunities for students.

### Regional Centre / Student Chapter Affairs

#### New Regional Centre

The Council approved formation of a new Regional Centre at NIT Raipur. The name for the proposed Regional Centre is Raipur Regional Centre.

## 7.0 Institute's Representatives to Various Bodies

- 1) **Asia Pacific Confederation of Chemical Engineering**  
– President, IChE
- 2) **Engineering Council of India** - Prof. Ajay Bansal and Prof. M.S. Rao
- 3) **World Council of Chemical Engineering** – President, IChE

## 8.0 Membership Position

Members, both Corporate and Organisational, are the mainstay of IChE. Without their constant support, the Institute cannot grow or pursue its objectives. IChE welcomed Honorary Fellows, Life Fellows, Life Members, Student Members, etc., as well as industry houses and academic institutions, joining the IChE fold as Organisational Members during the intervening period.

Membership position as on 31 March 2025 is given below along with the corresponding figures on 31 March 2024.

| Categories                     | March 31,'24 | March 31,'25 |
|--------------------------------|--------------|--------------|
| Organisational Member (Life)   | 111          | 113          |
| Organisational Member (Annual) | 62           | 62           |
| Honorary Fellow                | 112          | 115          |
| Fellow (Life)                  | 204          | 211          |
| Fellow                         | 22           | 22           |
| Member (Life)                  | 6034         | 6236         |
| Member                         | 740          | 737          |
| Life Associate Member          | 3363         | 3399         |
| Associate Member               | 914          | 910          |
| Student Member                 | 27073        | 29967        |

The number of Corporate Members, attached to each of the Regional the Centres (as on March 31, 2025) are as follows:

| Sl. No | Regional Centre | No.of Members |
|--------|-----------------|---------------|
| 1      | Ahmedabad       | 209           |
| 2      | Amaravathi      | 135           |
| 3      | Amethi          | 26            |
| 4      | Ankleshwar      | 548           |
| 5      | Annamalai       | 87            |
| 6      | Bangalore       | 219           |
| 7      | Baroda          | 425           |
| 8      | Bhopal          | 39            |
| 9      | Bhubaneswar     | 182           |
| 10     | Calcutta        | 729           |
| 11     | Chandigarh      | 116           |
| 12     | Chennai         | 543           |
| 13     | Coimbatore      | 158           |
| 14     | Damanjodi       | 58            |
| 15     | Dehradun        | 46            |
| 16     | Dhanbad         | 45            |
| 17     | Doaba           | 52            |

|    |             |     |
|----|-------------|-----|
| 18 | Durgapur    | 29  |
| 19 | Goa         | 15  |
| 20 | Guwahati    | 142 |
| 21 | Haldia      | 164 |
| 22 | Hyderabad   | 530 |
| 23 | Jaipur      | 90  |
| 24 | Kalpakkam   | 95  |
| 25 | Kanpur      | 119 |
| 26 | Kharagpur   | 105 |
| 27 | Kochi       | 320 |
| 28 | Kozhikode   | 36  |
| 29 | Lote        | 51  |
| 30 | Lucknow     | 53  |
| 31 | Mangalore   | 82  |
| 32 | Mumbai      | 945 |
| 33 | Nadiad      | 33  |
| 34 | Nagpur      | 103 |
| 35 | Northern    | 517 |
| 36 | Paradeep    | 44  |
| 37 | Patna       | 70  |
| 38 | Pilani      | 30  |
| 39 | Pondicherry | 33  |
| 40 | Pune        | 268 |
| 41 | Roorkee     | 28  |
| 42 | Rourkela    | 52  |
| 43 | Sriharikota | 32  |
| 44 | Srinagar    | 21  |
| 45 | Trivandrum  | 168 |
| 46 | Vapi        | 64  |
| 47 | Vellore     | 20  |
| 48 | Waltair     | 251 |

The following organizations were admitted as Organizational Members of the Institute upto March 31, 2025:

| <b>Life Organisational Members – Industry</b> |   |
|---|---|
| 1   | Agile Process Chemicals LLP Navi Mumbai           |
| 2   | Alkyl Amines Ltd.                                 |
| 3   | Artemis Biotech Ltd., Mumbai                      |
| 4   | Asian Paints Ltd., Mumbai                         |
| 5   | Avon Organics Ltd., Hyderabad                     |
| 6   | Bentley Systems India Pvt. Ltd., Mumbai           |
| 7   | Bhumistha Infra Services Navi Mumbai, Maharashtra |
| 8   | Birla Cellulosic, Bharuch                         |
| 9   | Blast Carboblocks Pvt. Ltd., Navi Mumbai          |

|    |   |
|----|---|
| 10 | Deepak Fertilisers & Petrochemicals Corporation Ltd., Pune          |
| 11 | Development Organization for Sustainable Transformation, Chandigarh |
| 12 | Dr Reddy's Laboratories Ltd., Hyderabad                             |
| 13 | Excel Industries Ltd., Mumbai                                       |
| 14 | Feedchem (India) Pvt. Ltd., Rajkot                                  |
| 15 | Firechem, Faridabad   |
| 16 | Golden Chemicals (I) Ltd., Mumbai                                   |
| 17 | Gujarat Alkalies & Chemicals Ltd., Baroda                           |
| 18 | Gujarat Heavy Chemicals Ltd., Veraval                               |
| 19 | Haldia Petrochemicals Ltd., Haldia                                  |
| 20 | Haldor Topsoe International A/S, New Delhi                          |
| 21 | Heavy Water Board, Mumbai   |
| 22 | Hercules Speciality Chemicals (India) Pvt. Ltd., Bangalore          |
| 23 | Herdillia Chemicals Ltd., Mumbai                                    |
| 24 | Hetero Drugs Ltd., Hyderabad  |
| 25 | Hikal Ltd., Taloja, Maharashtra                                     |
| 26 | Hindustan Dorr-Oliver Ltd., Mumbai                                  |
| 27 | Hindustan Latex Ltd., Thiruvananthapuram                            |
| 28 | Indian Oil Corporation Ltd., Refinery Division, New Delhi           |
| 29 | Jacobs H&G Pvt. Ltd., Mumbai  |
| 30 | Kavaerner Powergas India Ltd., Mumbai                               |
| 31 | Kavin Engineering & Services Pvt. Ltd., Coimbatore                  |
| 32 | Labindia Instruments Pvt. Ltd., Thane                               |
| 33 | Llyod's Register of Shipping, New Delhi                             |
| 34 | Mecon Ltd., Ranchi  |
| 35 | MMTC-PAMP India Pvt. Ltd., New Delhi                                |
| 36 | National Organic Chemicals Industries Ltd., Mumbai                  |
| 37 | Novo Iresc India Private Ltd., New Delhi                            |
| 38 | Oil and Natural Gas Corporation Ltd., Dehradun                      |
| 39 | Oster Chemical & Pharmaceutical Works Pvt. Ltd., Kolkata            |
| 40 | Pidilite Industries Ltd., Mumbai                                    |
| 41 | RPG Life Sciences Ltd., Mumbai                                      |
| 42 | Sartorius India Pvt. Ltd., Bangalore                                |
| 43 | Terra-Green Technologies Pvt. Ltd., Kolkata                         |
| 44 | Themis Medicare Ltd., Mumbai  |
| 45 | Toyo Engineering India Ltd., Mumbai                                 |
| 46 | TUV Suddeutshland Ltd., Mumbai                                      |
| 47 | United Phosphorus Ltd.,   |
| 48 | Vical Inc., USA   |

| <b>Life Organisational Members – Research &amp; Educational Institutes</b> |  |
|--|--|
| 1  | Advanced Centre for Energetic Materials (ACEM)<br>DRDO, Nasik                      |
| 2  | Amrita School of Engineering Coimbatore  |
| 3  | Annamalai University, Annamalai Nagar  |
| 4  | Assam Engineering College, Guwahati  |
| 5  | AVT Academy for Professional Education, Tiruvallur,<br>Tamil Nadu                  |
| 6  | B V Raju Institute of Technology Narsapur, Medak                                   |
| 7  | Bineswar Brahma Engineering College, Assam   |
| 8  | BIT Sindri Institute Dist. Dhanbad, Jharkhand                                      |
| 9  | Calcutta Institute of Technology, Howrah   |
| 10   | Central Leather Research Institute, Chennai  |
| 11   | Central Salt & Marine Chemicals Research Institute,<br>Bhavnagar                   |
| 12   | Chaitanya Bharathi Institute of Technology, Hyderabad                              |
| 13   | <i>Dibrugarh University Institute of<br/>Engineering and Technology, Dibrugarh</i> |
| 14   | Dr. B.R. Ambedkar National Institute of<br>Technology Jalandhar                    |
| 15   | Gharda Institute of Technology, Ratnagiri  |
| 16   | HBTI, Kanpur   |
| 17   | Haldia Institute of Technology, Haldia   |
| 18   | Heritage Institute of Technology, Kolkata  |
| 19   | High Energy Material Research Laboratory, Pune                                     |
| 20   | IIIT Nuzvid, Rajiv Gandhi University of Knowledge<br>Technologies, Nuzvid          |
| 21   | Indira Gandhi Centre for Atomic Research, Kalpakkam,<br>Tamil Nadu                 |
| 22   | Indian Institute of Chemical Technology, Hyderabad                                 |
| 23   | Indian Institute of Petroleum & Energy, Visakhapatnam                              |
| 24   | Indian Institute of Science Education and Research,<br>Bhopal                      |
| 25   | Indian Institute of Technology, Guwahati   |
| 26   | Indian Institute of Technology, Kharagpur  |
| 27   | Indore Institute of Science and Technology, Indore                                 |
| 28   | Institute of Chemical Technology, Mumbai   |
| 29   | JNTUA College of Engineering, Anantapur  |
| 30   | KLE DR. M. S. Sheshgiri College of Engineering &<br>Technology, Belgaum            |

|    |   |
|----|---|
| 31 | Mahatma Gandhi Mission's College of Engineering &<br>Technology, Navi Mumbai      |
| 32 | MIT Academy of Engineering, Pune  |
| 33 | Kongu Engineering College, Perundurai   |
| 34 | Mercury Educational Services, Kolkata   |
| 35 | Maulana Azad NIT, Bhopal  |
| 36 | Mohamed Sathak Engineering College, Kilakarai                                     |
| 37 | Motilal Nehru National Institute of Technology,<br>Allahabad Prayagraj            |
| 38 | Nandha Engineering College, Erode   |
| 39 | National Chemical Laboratory, Pune  |
| 40 | National Institute of Technology, Trichirapalli                                   |
| 41 | National Institute of Technology, Durgapur  |
| 42 | National Productivity Council, Chennai  |
| 43 | Nuclear Fuel Complex, Hyderabad   |
| 44 | Rajiv Gandhi Institute of Petroleum Technology, Jais,<br>Amethi                   |
| 45 | SSBT's College of Engineering & Technology, Jalgaon,<br>Maharashtra               |
| 46 | Sant Longowal Institute of Engineering & Technology,<br>Longowal, Punjab          |
| 47 | Sarvajanik College of Engineering & Technology, Surat                             |
| 48 | Sathyabama Engineering College, Chennai   |
| 49 | Saveetha Engineering College, Chennai   |
| 50 | Shivaji University, Vidyanagar, Maharashtra                                       |
| 51 | Guru Gobind Singhji Institute of Engineering &<br>Technology, Nanded, Maharashtra |
| 52 | RVR & JC College of Engineering, Guntur   |
| 53 | RVS College of Engineering and Technology,<br>Coimbatore                          |
| 54 | Regional Research Laboratory, Jorhat  |
| 55 | St. Joseph's College of Engineering, Chennai                                      |
| 56 | SSN College of Engineering, Tamil Nadu  |
| 57 | Sri Venkateswara College of Engineering,<br>Sriperumbudur, Tamil Nadu             |
| 58 | Swami Ramananda Tirtha Institute, Nalgonda  |
| 59 | Vellore Institute of Technology, Vellore  |
| 60 | Vignans Foundation for Science, Technology &<br>Research, Vadlamudi               |
| 61 | Vikram Sarabhai Space Centre, Thiruvananthapuram                                  |
| 62 | University College of Technology Osmania University,<br>Hyderabad                 |

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|----|--|
| 63 | University Institute of Chemical Technology, North Maharashtra University, Jalgaon |
| 64 | Sir Visvesaraya Institute of Technology, Nasik                                     |
| 65 | Shivajirao S. Jondhale College of Engineering, Thane                               |

#### Annual Organisational Members – Industry

|    |   |
|----|---|
| 1  | Andhra Sugar Ltd., Tanuku                                 |
| 2  | Aventis Pharma Ltd., Bharuch                              |
| 3  | Beta Concepts, Hyderabad                                  |
| 4  | Bharat Aluminium Co. Ktd., Korba                          |
| 5  | Bharat Petroleum Corporation Ltd., Mumbai                 |
| 6  | Bharuch Enviro Infrastructure Ltd., Ankleshwar            |
| 7  | Birla VXL Ltd., Porbandar (Saurashtra Chemicals Ltd.)     |
| 8  | Chemfab Alkalies Ltd., Pondicherry                        |
| 9  | Cheminova India Ltd., Bharuch                             |
| 10 | Chemplast Saanmar Ltd., Chennai                           |
| 11 | Coromondal Fertilizers Ltd., Secunderabad                 |
| 12 | DCW Ltd., Dharanghra, Gujarat                             |
| 13 | Deepak Nitrite Ltd., Nandesari Gujarat                    |
| 14 | Diamines & Chemicals Ltd., Baroda                         |
| 15 | Engineers India Ltd., New Delhi                           |
| 16 | Epsilon Carbon Pvt. Ltd., Mumbai                          |
| 17 | Fertilizers and Chemicals Ltd., Secunderabad              |
| 18 | Garg Lab Glass Industries, Vapi, Gujarat                  |
| 19 | Gas Authority of India Ltd., New Delhi                    |
| 20 | Gujarat Ambuja Cements Ltd., Kodinar                      |
| 21 | Gujarat Insecticides Ltd., Ankleshwar                     |
| 22 | Gujarat Narmada Valley Fertilizers Co. Ltd., Narmadanagar |
| 23 | Gujarat Sidhee Cement Ltd., Veraval                       |
| 24 | Gujarat State Fertilizer & Chemicals Ltd., Vadodara       |
| 25 | Heavy Water Plant, Tuticorin                              |
| 26 | HEL India Ltd., Thane                                     |
| 27 | Heubach Colour Pvt. Ltd., Ankleshwar                      |
| 28 | Hindustan Antibiotics Ltd., Pune                          |
| 29 | Hindustan Insecticides Ltd., New Delhi                    |
| 30 | Hindustan Organic Chemicals Ltd., Rasayani, Maharashtra   |
| 31 | Hindustan Paper Corporation Ltd., Calcutta                |
| 32 | Indian Petrochemical Corporation Ltd., Baroda             |

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|----|--|
| 33 | Indian Rayon Ltd., Veraval, Gujarat  |
| 34 | Kevin Enterprises Pvt. Ltd., Mumbai  |
| 35 | Mafatlal Industries, (Navine Flourine Industries – Chemical Division) Mumbai |
| 36 | Narmada Chematur Petrochemicals Ltd., Varuch                                 |
| 37 | Nuchem Ltd., Faridabad   |
| 38 | Saurashtra Cement Ltd., Gujarat  |
| 39 | Sayantana Consultants Pvt. Ltd., Calcutta                                    |
| 40 | Search Chem Industries Ltd., Jhagadia  |
| 41 | Shriram Alkali & Chemicals, Bharuch  |
| 42 | Shriram Fertilizers & Chemicals, Kota  |
| 43 | SMPS Consultants LLP, Ahmedabad  |
| 44 | Southern Petrochemical Industries Corp. Ltd., Chennai                        |
| 45 | Sun Pharmaceutical, Panoli   |
| 46 | Surya Organics and Chemicals, Ankleshwar                                     |
| 47 | Standard Industries Ltd., Mumbai   |
| 48 | Standard Certification Council Pvt. Ltd., Mumbai                             |
| 49 | TCP Ltd., Chennai  |
| 50 | Tata Chemicals Ltd., Mithapur  |
| 51 | Textile Rubber & Chemical Co Pvt Ltd., Bhadohi                               |
| 52 | Trident Alco-Chem Ltd., Ludhiana   |
| 53 | Vihita Chem Pvt. Ltd., Ankleshwar  |
| 54 | Zuari Agro Chemicals Ltd., Zuarinagar, Goa                                   |
| 55 | Zandu Chemicals Ltd., Ankleshwar   |

#### Annual Organisational Members – Research & Educational Institutes

|   |   |
|---|---|
| 1 | Amal Jyothi College of Engineering, Kerala                              |
| 2 | Dalmia Institute of Scientific & Industrial Research, Rajganpur, Orissa |
| 3 | S M Engineering Institute, Kymore                                       |
| 4 | St. Peter's Engineering College, Chennai                                |
| 5 | MVJ College of Engineering, Bangalore                                   |
| 6 | Sriram Engineering College, Tamil Nadu                                  |
| 7 | Arulmigu Meenakshi Amman College of Engineering, Tamilnadu              |

The following candidates, who appeared in September 2023 and March 2024 Associate Membership Examination, came out successfully.

## 9.0 IChE Awards 2024

Following is the list of IChE Awards and the awardees. The awards were presented on the occasion of CHEMCON 2024 in recognition of eminence and excellence in various spheres of chemical engineering profession and education.

### IChE Awards List - 2024

| Sl. No. | Name of the Awards / Lecture   | Awardees of the Year   |
|---------|--|--|
| 1.      | Dr. B. P. Godrej Life Time Achievement Award   | <b>Prof Krishna Kant Tiwari</b><br>Past President, IChE and<br>Former Professor of ICT Mumbai  |
| 2.      | Shri Dhirubhai Ambani Oration & Chair Award  | <b>Dr. Ramakrishna Ramanath Sonde</b><br>Senior Professor Emeritus<br>BITS Pilani Goa Campus   |
| 3.      | Lala Shriram National Award for Leadership in Chemical Industry  | <b>Mr. Deepak C Mahta</b><br>CMD, Deepak Group<br>(Mr. Anandmani Sharma)<br><br><b>Mr. Ashvin J. Desai</b><br>Founder & Managing Director<br>Aether Industries Limited |
| 4.      | Herdillia Award for 'Excellence in Basic Research in Chemical Engineering'   | <b>Dr. Kinshuk Dasgupta</b><br>HBNI, Mumbai  |
| 5.      | Amar Dye-Chem Award For "Excellence in Research and Development" for Chemical Engineering below the age of 35 years  | <b>Mr. Amit Kaushal</b><br>BARC, Trombay   |
| 6.      | Dr.. K Anji Reddy Innovator of the Year in Chemical Engineering & Technology in India by Publishing in the Reputed International Journal in Chemical Engineering & Bio-Technology/Patents of Merit | <b>Dr. M Rajasimman</b><br>Annamalai University  |
| 7.      | Padmashri Professor G D Yadav and Dr. (Mr.s) Vasanti G Yadav Awards for the Most Versatile Chemical Engineering/Technology Students in India (2 prizes – Best Male & Female)                       | 1 <sup>st</sup> Prize<br><b>Mr. Kaustubh Raju Wadekar</b><br>ICT Mumbai<br><br>2 <sup>nd</sup> Prize<br><b>Mr. Lakshay Vashishtha</b><br>BVCE                          |
| 8.      | Solenis Bharat Ratna Prof C N R Rao Medal and Chemcon Distinguished Speaker Award  | <b>Prof. Kamal Kishore Pant</b><br>Director IIT Roorkee  |
| 9.      | RPG Life Sciences Padma Vibhushan Prof M M Sharma Medal and Chemcon Distinguished Speaker Award  | <b>Prof. Pradeep Kumar Mishra</b><br>IIT BHU, Varannasi  |
| 10.     | Asian Paints Padma Bibhushan Dr. R A Mashelkar Medal and Chemcon Distinguished Speaker Award   | <b>Dr. K. J. Sreeram</b><br>Director, CLRI, Chennai  |
| 11.     | Deepak Group's Padma Bhushan Prof L K Doraiswamy Chemcon Distinguished Speaker Award   | <b>Prof. Sirshendu De</b><br>IIT Kharagpur   |

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| 12. | Hetero Drugs Prof G S Laddha Chemcon Distinguished Speaker Award   | <b>Mr. Akshay Kumar Singh</b><br>MD & CEO<br>Petronet LNG Ltd.  |
| 13. | Chemical Weekly's Padmashri Dr. G P Kane Chemcon Distinguished Speaker Award   | <b>Mr. Anindya S Basu</b><br>Chief Operating Officer<br>HMEL, Bathinda  |
| 14. | CSIR-IICT-Avon's Padmashri Dr. G S Sidhu Chemcon Distinguished Speaker Award   | <b>Mr. Om Prakash Singh</b><br>Director<br>ONGC Ltd.  |
| 15. | Sartorius India's Chemcon Distinguished Speaker Award  | <b>Mr. Sameer V. Shah</b><br>Chembond, Mumbai   |
| 16. | UPL Smt SanDr.a R Shroff Chemcon Distinguished Speaker Award   | <b>Mr. Parthasarathi Chatterjee</b><br>EVP & Head of Offshore<br>L&T Energy and Hydro Carbon, Mumbai              |
| 17. | Hikal's Chemcon Distinguished Speaker Award  | <b>Mr. S. Bharathan</b><br>Director (Refineries)<br>HPCL, Mumbai  |
| 18. | CSIR-CSMCRI Chemcon Distinguished Speaker Award  | <b>Mr. Ashish Dwivedi</b><br>CEO, Birla White   |
| 19. | CSIR-CLRI Padmabhushan Dr. Y Nayudamma Chemcon Distinguished Speaker Award   | <b>Mr. Pankaj Mehta</b><br>President, CR&S<br>Aarti Industries, Mumbai  |
| 20. | DOST Professor S.K. Sharma Medal and Chemcon Distinguished Speaker Award   | <b>Prof. Amar K. Mohanty</b><br>University Guelph, Canada   |
| 21. | CSIR-NEERI CHEMCON Distinguished Speaker Award   | <b>Prof. Ajay Kumar Dalai</b><br>University of Saskatchewan, Canada   |
| 22. | CSIR-NCL's Professor K Venkataraman Chemcon Distinguished Speaker Award (Biennial)   | <b>Prof. Surinder Kumar Sharma</b><br>Past President, IICChE  |
| 23. | Labindia's Padma Bhushan Professor R Kumar Chemcon Distinguished Speaker Award (Biennial)  | <b>Dr. Goutam Dalapati</b><br>Senior Fellow<br>National University of Singapore                                   |
| 24. | Indorama Dhunseri Chemcon Distinguished Speaker Award  | <b>Prof. Shishir Sinha</b><br>Director General, CIPET, Chennai  |
| 25. | Prof. A Suryanarayana and Mrs. Vanajakshi Award for the Best Author/(s) of Chemical Engg Book and/or Book Chapter                      | <b>Dr. Himanshu Pradeep Kohli</b><br>SVNIT  |
| 26. | Prof. Venkateswara Rao & Smt. Anjani Devi Malapati Endowment Lecture Award on "Green Energy & Environment for Sustainable Development" | <b>Prof. Chiranjib Bhattacharjee</b><br>Pro-VC, Jadavpur University and<br>President, WBCHSE                      |
| 27. | Shah-Schulman Award 'for the best Ph.D. thesis in the area of Colloid and Interface Science' for 2023                                  | 1. <b>Dr. Harini Gunda</b> , IIT Gandhinagar<br>Guide: <b>Dr. Kabeer Jasuja</b> , IIT Gandhinagar<br>Jointly with |

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|     |  | <b>2. Dr. Aniket Shrikant Ambekar</b> , IITDelhi<br>Guide: <b>Prof. Vivek V Buwa</b> , IIT Delhi  |
| 28. | Dr. A V Rama Rao Fndn Best Ph D Thesis and Research Award  | <b>Dr. Vinayak Namdev Kalekar</b> , IITB<br>Guide<br><b>Prof. Prakash D Vaidya</b> , ICT Mumbai   |
| 29. | The Chemical Weekly Prize for Best Research Paper published in a High Impact Factor International Journal by an Undergraduate Chemical Engineering Student (First and Second Prizes) | 1 <sup>st</sup> Prize<br><b>Mr. Harshit Mittal</b> , KLETU, Karnataka<br><br>2 <sup>nd</sup> Prize<br><b>Mr. Lakshay Vashishtha</b> , BVCE                                      |
| 30. | Chemical Weekly Award for the Best Paper Published in the Institute's Journal (ICE-2023)   | <b>Dr. P Tamilazhagan</b> , (AU Chennai)<br><br><b>Dr. S Ananda Kumar</b> (AU Chennai)<br><b>Dr. N Sundar</b> (AU Chennai)<br><b>Dr. K S Radha</b> (RMDEC Kavaraipettai)        |
| 31. | IChE NRC Award Best Paper in "Indian Chemical Engineer" 2023   | <b>Dr. Minimol M</b> (NIT Karnataka)<br><br><b>Dr. K Vidya Shetty</b> (NIT Karnataka)<br><b>Dr. M B Saidutta</b> (NIT Karnataka)  |
| 32. | The Kuloor Memorial Award to the best technical paper published in the journal of the Institute in the issues of the preceding year  | <b>Dr. Shivani S Vedula</b> and<br><b>Prof. G. D. Yadav</b> (ICT Mumbai)  |
| 33. | IChE NRC Award 2 <sup>nd</sup> Best Paper in "Indian Chemical Engineer" 2023   | <b>Elvi Restiawaty</b><br><b>Erly Marwani</b><br><b>Soen Steven</b><br><b>Gabriela Mega Rahayu</b><br><b>Fadhilah Hanif</b> and<br><b>Tirto Prakoso</b> (ITB, Indonesia)        |
| 34. | Sisir Kumar Mitra Memorial Award to the second best technical paper published in the journal of the Institute in the issues of the preceding year                                    | <b>Dr. Aviti Katare</b> (IIT Guwahati)<br><b>Dr. Swapnil Sharma</b> (IIT Guwahati)<br><b>Prof. Bishnupada Mandal</b> (IITG)   |
| 35. | IChE NRC Award 3 <sup>rd</sup> Best Paper in "Indian Chemical Engineer" 2023   | <b>Dr. Pritesh S Patil</b> (ICT Mumbai)<br><b>Dr. Nitin V Thombre</b> (VAT Pune)<br><b>Dr. Yagna Prasad K</b> (VAT Chennai) and<br><b>Prof. Anand V Patwardhan</b> (ICT Mumbai) |
| 36. | Mr.s.Chinnamaul Mem. Prize for Best Tech Paper presented in preceding year CHEMCON   | <b>Ms. Mouli Ghosh</b> (Ahmedabad Univ.)<br><b>Ms. Snigdha Khuntia</b> (Ahmedabad Uni)<br><b>Mr. Sridhar Dalai</b> (Ahmedabad Univ.)  |
| 37. | Kishore K Das Memorial Prize for Best Home Paper in Associate Membership Examination   | <u>AMIChE September 2023</u><br><b>Mr. Darshansinh Pahadsinh Gohil</b><br><u>AMIChE March 2024</u><br><b>Mr. Vikas Kumar</b>  |
| 38. | N R Nandi Memorial Prize for securing highest marks in Associate Membership Examination  | <b>Mr. Kiran Pal Singh</b><br>AMIChE  |

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| 39. | The Late Lakshmi Nandakumar Award for a Lady Student for the Best Presentation in the SCHEMCON of the Year             | <ol style="list-style-type: none"> <li><b>Ms. Rakshitha K M</b><br/>BMSCE, Bangalore Jointly with</li> <li><b>Ms.Reethya Giridhar</b><br/>BMSCE, Bangalore</li> </ol>  |
| 40. | Gouri Dutta Award for the Best Paper Presentation in SCHEMCON of the Year  | <b>Mr. Mihir Patil</b><br>RVCE, Bangalore  |
| 41. | Dr. Mithilesh Jha and Dr. Lily Jha Award for the Best Promising Chemical Engineering Teacher below the age of 50 years | <b>Dr. Amit Arora</b><br>NIT Hamirpur  |
| 42. | Heritage Institute of Technology Award for Innovative Research and Sustainable Process Development                     | <b>Managing Director</b><br>GNFC Limited   |
| 43. | Ambuja's Young Researcher's Awards for doing Post-Graduate Studies in India after GATE Examination (10 Prizes)         | <ol style="list-style-type: none"> <li><b>Mr. Kapil Mewara</b>, MANIT Bhopal</li> <li><b>Ms. Revathy R</b>, ICT Mumbai</li> <li><b>Mr. Sharon Joy</b>, ICT Mumbai</li> <li><b>Mr. Aniruddha Subramanya</b>, ICT Mu</li> <li><b>Mr. Saurav Kandpal</b>, MNNITAllahabad</li> <li><b>Mr. Himanshu Yadav</b>, IIT Delhi</li> <li><b>Mr. Rohit Bharti</b>, IIT(BHU)</li> <li><b>Mr. Hrishikesh Sarma</b>, IIT Guwahati</li> <li><b>Mr. Kushagra</b>, IIT Guwahati</li> <li><b>Mr. Srijan Acharya</b>, IIT Guwahati</li> </ol> |
| 44. | Ambuja's Best Student Chapter Award (2 Prizes)   | <b>1<sup>st</sup> Prize</b> IChE<br>Student Chapter<br><b>SSN College of Engineering, Chennai</b><br><br><b>2<sup>nd</sup> Prize</b><br>IChE Student Chapter<br><b>Sri Venkateswara College of Engg.,</b><br>Sriperumbudur, Chennai  |
| 45. | Pidilite's Best Student Chapter Award  | IChE Student Chapter<br><b>SRICT, Ankleshwar</b>   |
| 46. | Prof. P.Sen Gupta Award for Best Employee of the Year  | <b>Mr. Sukanta Kumar Roy</b><br>Junior Assistant, IChE   |
| 47. | M P Chary Memorial Award   | <b>Dr. Bablu Alawa</b><br>IISER Bhopal   |
| 48. | Dr. H. L. Roy Memorial Lecture sponsored by Jacobs Worley  | <b>Dr. Partha P Maitra</b><br>President – Strategy & Initiatives, RIL  |
| 49. | Aker Powergas's Prof. N R Kamath and Mr.S Ruzena Kamath Memorial Lecture   | <b>Prof. Aniruddha B Pandit</b><br>VC, ICT Mumbai  |
| 50. | Inventaa C K Murthy Memorial Lecture   | <b>Mr. Arvind Kumar</b> Director Refineries, IOCL  |
| 51. | Best Regional Centre Trophy  | <b><i>Category "A" Best</i></b><br>Northern Regional Centre, IChE<br><b><i>Category "B" Best</i></b><br>Amaravati Regional Centre, IChE<br><b><i>Category "B" Second Best</i></b><br>Amethi Regional Centre, IChE  |

## 10.0 Students' CHEMCON 2024

The 20th Annual Session of the IChE-Students Chemical Engineering Congress (SCHEMCON-2024) was held on 20 and 21 September 2024 at the Rajiv Gandhi Institute of Petroleum Technology (RGPT), Jais. This prestigious event was organized by the IChE Students Chapter at the Department of Chemical and Biochemical Engineering, RGPT in collaboration with the Amethi Regional Centre of the Indian Institute of Chemical Engineers (IChE). The theme for this year's SCHEMCON was 'New Paradigms of Chemical Engineering.'

For the Inaugural Session on the 20th morning, the Guests of Honour were Padmashri Prof. G.D. Yadav, Emeritus Professor of Eminence and former Vice Chancellor, Institute Of Chemical Technology, Mumbai; and, Ms. Sukla Mistry, Former Director (Refineries), Indian Oil Corporation Ltd. Dr. Milan Kumar, Chairman of the Local Organizing Committee (LOC) and Head of the Department, set the tone by highlighting the significance of the theme of the event. Prof. Alok K. Singh, Acting Director, RGPT, spoke about the role of educational institutions in shaping future chemical engineers. Prof. A.S.K. Sinha, Chairman of the NOC, SCHEMCON-2024, emphasized the importance of collaborative efforts in advancing the field. Prof. Sunil Baran Kuila, Honorary Secretary, IChE, discussed the evolving landscape of Chemical Engineering in response to global challenges. The Vice-Presidents, Mr. Shashikant Pokale, and Smt. Sheela, underscored the role of the youth in driving change in the industry and the importance of research and development in achieving excellence, respectively.

The Guest of Honour Padmashri Prof. Yadav, in his speech said, "God is a chemical engineer, but chemical engineers are not God. He also compared a mother's nurturing role to that of a chemical engineer. While emphasizing the essential contributions of chemical engineers to society, Prof. Yadav challenged the audience to name three man-made materials or products created without chemicals. The second Guest of Honour Ms. Sukla Mistry delivered her address, sharing the critical importance of adapting to evolving industry trends in chemical engineering. She encouraged students to embrace innovation and sustainability. The Guests of Honour were presented shawls and mementos.

Highlight of the Plenary Session I on the first day was the inaugural lecture by Prof. Yadav. He focused on the importance of innovation in driving the future of chemical processes and sustainability. He emphasised the critical need for the chemical engineering sector to adapt to emerging challenges such as climate change and resource scarcity. Following Prof. Yadav's address, Shri A.K. Sharma, a notable figure in the industry, offered his perspectives on the role of government initiatives

in fostering innovation within the chemical engineering landscape. Ms. Sukla Mistry spoke about her research and on sustainable practices in chemical manufacturing, highlighting innovative strategies to reduce environmental impact. Prof. Mithilesh Kumar Jha explained the integration of new technologies in chemical processes, advocating for a sustainable future through enhanced engineering practices.

The Plenary Session II on 21 September 2024 featured a series of insightful lectures by distinguished speakers, namely, Mr. S. Bharathan (Director, HPCL refineries), Mr. Rajendra Sankhe (COO, Indorama Jagdishpur), Mr. Chandrasekhar Narayanamurthy (BPCL R&D), and Prof. Nitin Kaistha (IIT Kanpur). Each brought a unique perspective on current trends and the future of chemical engineering, particularly focusing on refinery technologies, petrochemicals, and advancements in research and development.

The Plenary Session III, also on the second day, was marked by the keynote lecture from Prof. Aniruddha Bhalchandra Pandit, Vice Chairman of ICT Mumbai and President of BoG, RGPT. Prof. Pandit made a presentation on 'New Paradigms of Chemical Engineering' which set the stage for vibrant discussions on the future of the field. He emphasized the need for interdisciplinary approaches, advocating for a holistic view of chemical engineering that integrates insights from various scientific and engineering domains.

It was followed by two Panel Discussions, the first one, titled, 'Future Opportunities and Challenges of Chemical Engineering Education' and the second one, titled, 'New Paradigms of Chemical Engineering: Students Perspectives on their Expectations from Academia and Industry'.

The technical sessions at SCHEMCON 2024 were held over two days covering a wide range of topics in Chemical Engineering. The topics were Renewable Energy Technology, Hydrogen Energy Technology, Bioenergy and Biofuels, Waste to Energy, Energy Storage Systems and Advances in Material Science and Engineering. The poster presentations were also a key part of the event, where students from across India displayed their research and innovative ideas in chemical engineering. Held over two days, the presentations allowed participants to visually share their work through posters, focusing on the theme 'New Paradigms of Chemical Engineering.'

There were four sessions of Invited Talks. In the 1<sup>st</sup> session, Dr. Yamini Sudha Sistla, Shiv Nadar University delivered an insightful talk on her interdisciplinary research in molecular modelling, CO<sub>2</sub> capture, and biopolymer-based materials. In the 2<sup>nd</sup> session, Nishesh Garg, a Senior Advanced Technical Sales Engineer at Honeywell UOP, shared insights from his

extensive experience in leading global product development projects in olefins, detergents and naphtha technology. In the 3<sup>rd</sup> session, Dr. Harish Kumar, a scientist at the Defence Materials and Stores Research and Development Establishment (DMSRDE), DRDO, presented his work on advanced materials for defense applications. In the 4<sup>th</sup> session, Dr. Sonal Maheshwari from BPCL's R&D division shared her research on crude oil analysis and refining processes.

The evening of 20 September featured Cultural Programmes. The Valedictory function commenced with a Welcome Address by Arik Parui, the Student Coordinator of the SCHEMCON-2024. Following speeches by Dr. Milan Kumar, Prof. A.S.K. Sinha, Prof. Alok Kumar Singh and Shri D. M. Bhutala (former President, IChE), the Chief Guest, Prof. A. B. Pandit, addressed the audience with an engaging presentation. SCHEMCON-2024 wrapped up with a Vote of Thanks from Dr. Deepak Dwivedi, the Joint Organizing Secretary for the event.

### 11.0 Library

The library at the Headquarters of the Institute in Kolkata has a stock of approximately 995 books. It receives around 60 issues of weekly journals, seven (7) issues of quarterly journals, nine (9) issues of bimonthly journal and 55 issues of monthly journals.

### 12.0 Regional Centre Affairs

#### Ahmedabad Regional Centre

##### Committee:

**Chairman:** Dr. Sachin Parikh, **Honorary Regional Secretary:** Dr. Satish Shah, **Honorary Regional Treasurer:** Prof. Pratik Patel, **Member:** Dr. Paresh Rana, Prof. C G Bhagchandani, Mr. Ashish Soparkar, Mr. Mayank Parikh, Mr. Dinesh A Varma, Dr. A P Vyas, Dr. Milind Joshipura, Dr. N M Patel, Dr. R N Desai, Dr. Ronak Patel, Mr. R G Shah and Mr. Tushar Meshram

#### Amaravati Regional Centre (2025 to 2027)

##### Committee:

**Chairman:** Prof. V Govardhana Rao, **Vice-Chairman:** Dr. C Veera Venkata Satyanarayan, **Honorary Regional Secretary:** Dr. M Venkateswara Rao, **Honorary Regional Joint Secretary:** Mr. R Banerjee Babu, **Honorary Regional Treasurer:** Dr. K Ramesh Chandra, **Members:** Prof. Ashok Kumar Popuri, Prof Nannapaneni Madhavi, Dr. Gadidamalla Kavitha, Prof. Suryadevara Vaidyadhara, Mr. N Jani Bhasha, Dr. Vinoth Kkumar Raja, Mr. M Ramakrishna, Prof. N Rama Gopal, (**Immediate Past Chairman, Ex-officio**): Mr. Jagarlamudi Murali Mohan, **Invitee:** Mr. Venu Babu Gairubonia, Mr Madala Umamahesh, Mr Koya Subba Rao,

Dr. Talathoti Prem Kumar, Prof. K Prabhakara Rao, Prof. A Suryanarayana, Prof. P Dinesh Sankara Raddy, Dr K B K Rao Dr. Karthik Rajendran and Mrs. Nazeena Begum Mohammad

#### Amethi Regional Centre

##### Committee:

**Chairman:** Dr. Milan Kumar, **Vice Chairman:** Dr. Gunjan K Agrahari, **Honorary Regional Secretary:** Dr. Shweta, **Honorary Regional Joint Secretary:** Dr. Karan Malik, **Honorary Regional Treasurer:** Dr. Vivek Kumar

#### Annamalai Regional Centre (2024 to 2026)

##### Committee:

**Chairman:** Dr. R Saravanan, **Vice Chairman:** Dr. P Mullai, **Honorary Regional Secretary:** Dr. M Rajasimman, **Honorary Regional Joint Secretary:** Mr. B Karunakaran, **Honorary Regional Treasurer:** Dr. R Muthuvelayudham

#### Ankleshwar Regional Centre (same committee up to 2025)

##### Committee:

**Chairman:** Mr. B D Dalwadi, **Immediate Past Chairman:** Mr. S I Thakar, **Vice Chairman (Ankleshwar):** Mr. D K Rana, **Vice Chairman (Jhagadia):** Mr. Pravindan Gadhvi, **Vice Chairman (Bharuch):** Mr. A I Shaikh, **Vice Chairman (Dahej):** Mr. Sanjeev Verma, **Honorary Regional Secretary:** Mr. Sandip Parekh, **Honorary Regional Joint Secretary (Dahej):** Mr Dipak Sali, **Honorary Regional Joint Secretary (Ankleshwar):** Mr. Dinesh Patel, **Honorary Regional Joint Secretary (Bharuch):** Mr. B D Shah, **Honorary Regional Joint Secretary (Panoli):** Mr. Rilesh Mehta, **Honorary Joint Secretary (Jhagadia):** Dr. Sunil Vaje, **Honorary Regional Treasurer:** Mr. Snehal Transawala, **Members:** Mr. Dhruvi A Mehta, Dr. Jigar Gurjar, Mr. P G Dave, Mr. Ujas Shah, Mr. Jayesh B Modi, Mr. R.R Khandpur, Mr. Atit Kapadia, Mr. Shashi Shekhar, Mr. Ganesh R Sharma, Mr. Manoj Kamaliya, Mr. B J Patel, Mr Dipak Sali, Mr Mitesh Marvaniaya, **Co-opted Members:** Dr. Parimal A Parikh, Mr. K H Pandit, Mr Rajesh Bhavsar and Mr. Jignesh Mehta

#### Bangalore Regional Centre (2024 to 2026)

##### Committee:

**Chairman:** Dr G M Madhu, **Vice-Chairman:** Dr Ravishankar, **Honorary Regional Secretary:** Dr. Koteswara Rao Jammula, **Honorary Joint Regional Secretary:** Dr Mahadevaraju G K, **Honorary Regional Treasurer:** Mr. G. Kishore Kumar, **Member:** Prof G S Shareef, Dr A B Halgeri, Mr S Swaminathan, Dr Archana, Dr V Venkatesham, Dr N Harindranath, Dr Chandraprabha, Mr P T Raghuram, Mr Sagar J S and Dr P L Muralidhara, **Co-opted:** Prof Y J Rao, Prof M R Rajani and Dr Pradeep H N

### **Baroda Regional Centre (2025 to 2026)**

#### **Committee:**

**Chairman:** Dr Sanjay Gandhi, **Vice-Chairmen:** Mr N M Surana, **Honorary Regional Secretary:** Mr Bhavinkumar Shah, **Honorary Joint Regional Secretary:** Mr Vipul Javia, **Honorary Regional Treasurer:** Mr. Jaiminkumar Patel, **Member:** Mr Sahabuddin Ahmed, Mr Vipul Mehta, Mr Mitesh Mahta, Mr Nikhil Tonapi, Mr Rajesh Kumar, Mr Viral Pastagia, Mr Bhavin Parmar, Mr Jayesh Jani, Mr Mit Patel, Mr A Srikrishnan, Mr Harshkumar Parekh, Mr Manish Mehta and Ms Krishna Pancholi

### **Bhubaneswar Regional Centre**

#### **Committee:**

**Chairman:** Mr. Chaturkukha Pattanik, **Vice-Chairman:** Dr. Swagat S Rath, **Honorary Regional Secretary:** Mr. Santosh Deb Barma, **Honorary Joint Regional Secretary:** Mr. Sathish R, **Honorary Treasurer:** Ms. Binapani Behera; **Members:** Dr. P C Rath, Dr. Deepak Nayak, Dr. Swagatika Dash, Dr. Kashinath Barik and Dr. Satya Sankar Raj; **Co-opted Member:** Mr Jitendra N Mohanty, Dr Nihar R Sahoo and Dr Pratima K Mishra

### **Calcutta Regional Centre**

#### **Committee:**

**Chairman:** Dr. Avijit Ghosh, **Vice-Chairman:** Prof. Nitosh Kumar Brahma, **Honorary Regional Secretary:** Mr. Debashis Ghosh, **Honorary Regional Joint Secretary:** Mr. Tapotanay Pal, **Honorary Regional Treasurer:** Dr. Sanjib Barma

### **Chandigarh Regional Centre**

#### **Committee:**

**Chairman:** Mr K G Sharma, **Vice-Chairman:** Mr Ashok Sharma, **Honorary Regional Secretary:** Dr Gaurav Rattan, **Honorary Joint Secretary:** Dr Harjit Kaur, **Honorary Regional Treasurer:** Mr Deepak Mehan, **Members:** Prof S K Shrama, Prof Amrit Pal Toor, Prof Ritu Gupta, Prof Meenakshi Goyal, Dr Nidhi, Prof Anupama Sharma, Prof V K Rattan, Dr S S Bhinder, **Co-opted Members:** Prof Anupama Thakur, Mr Sandeep Sharma, Dr Sonia Sharma, Prof Seema Kapoor, Prof Sushil Kansal and Prof Amit Sobti

### **Coimbatore Regional Centre (2024-2026)**

#### **Committee:**

**Chairman:** Dr A Sivalingam, **Vice-Chairman:** Mr S Kanagara, **Honorary Regional Secretary:** Mr P Babu, **Honorary Joint Secretary:** Dr Uday Bhaskar Reddy, **Honorary Regional Treasurer:** Dr B Umamaheswari, **Members:** Dr M Thirumaraimurugan, Dr D Prabhakaran, Dr V M Sivakumar, Dr K Kannan, Dr P Sivakumar, Dr A Vivek Joe Bharath, Ms V

P Mohanajeyavalli, Dr S Mothil, Dr G Gnanavel, Dr T Sivakumar, Ms Nisha Subash and Dr E Nakeeran

### **Doaba Regional Centre (2025-2027)**

#### **Committee:**

**Chairman:** Dr Mithilesh Kumar Jha, **Vice-Chairman:** Dr Ajay Bansal, **Honorary Regional Secretary:** Dr Shailendra Bajpai, **Honorary Joint Secretary:** Dr Renu Gupta, **Honorary Regional Treasurer:** Mr Kamoj Kumar, **Members:** Dr Manoj Kumar Jindal, Dr Poonam Gera, Dr Rajeev Arora, Dr Vipan Kumar and Dr Tapas Palai

### **Erode Regional Centre (2025-2027)**

#### **Committee:**

**Chairman:** Dr K Kannan, **Vice-Chairman:** Mr R Arjunan, **Honorary Regional Secretary:** Mr Mothil S, **Honorary Joint Secretary:** Mr G Mohan Kumar, **Honorary Regional Treasurer:** Dr G Mugaishudeen, **Members:** Dr Sangeetha Velusamy, Dr D Prabhakaran, Dr R Baskar, Dr R Perumal, Mr Pandiarajan S, Mr Gomadurai C, Dr A S Periasamy Manikandan, Dr Nesakumar D, Ms Kalaivani K, Mr Sathish Raam, Ms Jaya Bharathi J, Mr Yuvaraj S, Dr Chitradevi, Dr K Senthil Kumar, Mr Shanmugam Palanisamy, Mr Subramanian N, Mr Vinoth Kumar B, Ms N Deepa Priya, Dr D Revathi and Dr Mohanraj

### **Hyderabad Regional Centre (2025 to 2027)**

#### **Committee: (Designation yet to be decided)**

Prof. A V N Swamy, Prof. Pramod Kumar, Mr. Mishra, Prof. Anand Kishore, Prof. Meda Kalyan, Mr. Appa Rao, Prof. Mukunda Vani, Prof. Ilaiyah, Prof. Iyman Abrar, Prof. Vinay Kumar, Prof. K Vikas, Dr. Appal Naidu, Prof. Sampath, Mr. Tiwari, Mr. Venkata Swamy, Prof. Srividya

### **Kalpakkam Regional Centre**

#### **Committee:**

**Chairman:** Dr T V Krishna Mohan, **Honorary Regional Secretary:** Mr M G Hemanath, **Honorary Regional Treasurer:** Mr Sourabh Agarwal

### **Kanpur Regional Centre (July 1, 2023 - June 30, 2025)**

#### **Committee:**

**Chairman:** Prof S K Gupta, **Vice-Chairmen:** Dr Vinay Kumar Sachan, **Honorary Regional Secretary:** Dr G L Devnani, **Honorary Regional Secretary:** Dr Dan Bahadur Pal, **Honorary Regional Treasurer:** Dr Ashutosh Mishra, **Member:** Mr Biswanath Chattopadhyay

## **Nagpur Regional Centre**

### **Committee:**

**Chairman:** Dr A N Vaidya, **Vice-Chairman:** Dr B C Bag, **Honorary Regional Secretary:** Dr Bharat A Bhanvase, **Honorary Joint Regional Secretary:** Dr Sameer Wagh, **Honorary Regional Treasurer:** Dr Vijayakumar R P, **Members:** Dr Kailas Wasewar, Dr Samir Deshmukh, Dr A P Rathod, Dr A S Chaurasia, Dr Shyam Kodape, Dr D Z Shende and Dr Piyush P Wanjari

## **Northern Regional Centre**

### **Committee:**

**Chairman:** Prof Anil Verma, **Vice-Chairman:** Mr C P Srivastava, **Honorary Regional Secretary:** Dr Siddhartha Mukherjee, **Honorary Joint Regional Secretary:** Mr Amit Jain, **Honorary Regional Treasurer:** Mr Rajiv Narang, **Members:** Dr Dhiraj Kumar Garg, Mr Subhash Tandon, Mr Shyam Bang, Mr R A Sinha, Mr R P Luthra, Mr D D Maheshwari, Dr Daljit Singh, Mr Dinesh Chopra, **Co-opted Members:** Dr S Nand, Prof V K Srivastava, Dr S N Chakravarty

## **Pune Regional Centre**

### **Committee:**

**Chairman:** Dr. Utkarsh Maheshwari, **Immediate Past Chairman:** Dr. V. M. Bhandari, **Honorary Regional Secretary:** Dr. Shashank Gaikwad, **Honorary Regional Joint Secretary:** Dr. Santosh P. Ghuge, **Honorary Regional Treasurer:** Mr. Prafulla Garge, **Honorary Regional Joint Treasurer:** Dr. Manik Deosarkar, **Members:** Mr. Y. H. Gharpure, Mr. Milind Talathi, Dr. Suyog Taralkar, Dr. J. G. Gujar, Mr. Sripal Gaikwad, Dr. Sanjay Kamble, Dr. Suresh Gokhale, Dr. Hemalekha Balu, Dr. Dinesh Sawant, **Co-opted Members:** Mr. Prashant Gogle, Dr. C V Rode

## **Raipur Regional Centre**

### **Committee:**

**Chairman:** Dr. Bidyut Mazumdar, **Vice-Chairman:** Dr. Raghwendra Singh Thakur, **Honorary Regional Secretary:** Dr. Dharm Pal, **Honorary Regional Joint Secretary:** Dr. Vijyendra Kumar, **Honorary Regional Treasurer:** Dr. Chandrakant Thakur

## **Sriharikota Regional Centre (2025-2027)**

### **Committee:**

**Chairman:** Mr V Krithivasan, **Vice-Chairman:** Mr Srinivas Babu N, **Honorary Regional Secretary:** Mr H Rajeev Singh, **Honorary Joint Regional Secretary:** Mr R Perumal, **Honorary Regional Treasurer:** Mr N Balakrishna, **Member:**

Mr Y Sreekanth Reddy, Mr Susanta Kr Pradhan, Mr Vikash Tamrakar, Ms A Kalaivani, Ms K Ashwini and Mr V Giridhar

## **Srinagar Regional Centre**

### **Committee:**

**Chairman:** Dr. Faisal Qayoom Mir, **Vice-Chairman:** Dr. B. K. Srihari, **Honorary Regional Secretary:** Dr. Tanveer Rasool, **Honorary Regional Joint Secretary:** Dr. Brajesh Kumar, **Honorary Regional Treasurer:** Dr. Fatima Jalid

## **Trivandrum Regional Centre**

### **Committee:**

**Chairman:** Dr. Lakshmi V M, **Vice-Chairman:** Mr. A. M. Nallaperumal, Dr. Venugopal S, **Honorary Regional Secretary:** Smt. Ambili K, **Honorary Regional Joint Secretary:** Dr. Venkateswaran C, **Honorary Regional Treasurer:** Mr. Arjun Raj M, **Members:** Dr. Gomathi N., Dr. Femina A., Ms. Susmitha Kumari S., Dr. Suresh Kumar A., Mr. Somanathan S., Mr. B.V. Rajasekhar, Mr. Sobhit Kumar, Mr. Vura Chaitanya, Mr. Jaiganesh A, Mr. Anjani Kumar Sharma

## **Vapi Regional Centre**

### **Committee: (2025 to 2027)**

**Chairman:** Mr. Shashikant Pokale, **Vice-Chairman:** Mr. Maulik Desai, **Honorary Regional Secretary:** Mr. Arunkumar Yadav, **Honorary Regional Joint-Secretary:** Mr. Himanshu Patnaik, **Honorary Regional Treasurer:** Mr. Vinod Kashalikar, **Member:** Dr. Hiten Bhatt, Mr. Kirit Shah, Mr. Has Mukh Doshi, Mr. Jagdish Parmar, Mr. Ramesh Prajapati, Mr. J.R. Shah, Mr. D. Khubchandani, Mr. Yashwant Bhalerao, Mr. Devang Asher, **Co-opted member:** Dr. Kiran Patil, Mr. Shyam Vispute

## **Waltair Regional Centre**

### **Committee:**

**Chairman:** Dr A Srinivasa Kumar, **Vice-Chairman:** Mr E Esakki Ranm Kumar, **Honorary Regional Secretary:** Prof G M J Raju, **Honorary Joint Regional Secretary:** Dr C V Nageswara Rao, **Honorary Regional Treasurer:** Prof V Meena, **Members:** Prof S V Naidu, Prof Pulipati King, Prof R Padma Sree, Prof D Appala Naidu, Dr G V S Sarma, Dr B Demudu, Dr Narayana Saibaba K V, Dr B Sarva Rao, Dr Ch Anil and Dr D V Padma

Besides R&D related activities, Regional Centres and the Student Chapters under the aegis of the Regional Centres conduct various other programmes for skill enhancement, awareness building, networking, publicity, etc. An account of such activities is presented below.

| Name of the Regional Centres | Non R&D Related Activities   |
|------------------------------|--|
| Amaravati                    | <p><b>a) Endowment Fund</b><br/>Aditya Engineers, Hyderabad has donated Rs.50,000/- to the Endowment Fund in the name of Prof M V Rao.</p> <p><b>b) ARC Office renovation</b><br/>With the support of Mr Jagarlamudi Murali Mohan, Secretary and Correspondent of JKC College and Chairman of ARC, the office room is provided with Wi-Fi connection. The office is also equipped with two more working tables.</p> <p><b>c) Membership database was updated</b></p>   |
| Bangalore                    | <p><b>a) Award Ceremony</b><br/>- The Best Project Award and Best Outgoing Student Award on 14.06.2025</p> <p><b>b) Student Chapter Activities</b><br/>- Student chapter was inaugurated at Er. Perumal Manimekalai Polytechnic College on 17.08.2024.<br/>- Student chapter was inaugurated at MSRIT Biotechnology on 20.06.2025</p> <p>BMCHE Student Chapter organized-</p> <ul style="list-style-type: none"> <li>- World Environmental Health Day Celebration on 26.09.2024.</li> <li>- Sustainable Technological Advancement in Wastewater Management in collaboration with Centre for Sustainable Technology (CST), Indian Institute of Science(IISc) and SusPaani Lab on 04.10.2024.</li> <li>- Green Chem-Plogathon to promote environmental awareness and community engagement on 27.11.2024.</li> <li>- Proto-Pioneers, a mini conference, as a part of the Phase Shift-2024, Annual Technical Fest of BMSCE on 04.12.2024</li> <li>- Hasthanthara- 2025, to celebrate the formal induction of the newly elected office bearers on 16.05.2025</li> <li>- Treasure Hunt-2025, to raise environmental awareness through interactive participation, bringing students closer to the green practices and sustainable infrastructure implemented across the campus on World Environment Day, 05.06.2025</li> </ul> <p>MSRIT Student Chapter organized-</p> <ul style="list-style-type: none"> <li>- Talk on Skill Enhancement and Career Advancement for Successful Career by Mr. Subhankar Dhar on 19.11.2024</li> <li>- Young India Life Science Skilling Program was organised</li> </ul> <p>DSCE Student Chapter organized-</p> <ul style="list-style-type: none"> <li>- Skill Development Program on “Building a Thriving Startup in Biochemical Science: Empowering Future Entrepreneurs” from 09.12.2024 to 12.12.2024</li> </ul> <p>Expert Talk on Human Values by Ms. Sushma Lingraj, Motivational Speaker, Life Coach and Career Counsellor at the centre of Happiness and Wellness, DSCE on 25.03.2025</p> |
| Calcutta                     | <p><b>a) Programmes organised</b><br/>- Engineer’s Day was celebrated on 14.09.2024</p>  |

|                        |   |
|------------------------|---|
|                        | <ul style="list-style-type: none"> <li>- Dr. H. L. Roy's Birth anniversary was celebrated on 02.11.2024</li> <li>- Annual Picnic was organized at Nalban Food Park on 08.02.2025</li> <li>- Annual Quiz Contest was held on 22.02.2025.</li> <li>- Calcutta University, Jadavpur University and Heritage Institute of Technology, Kolkata Student Chapters participated in the Annual Quiz and Workshop on Petroleum Refining Process organized at CRC.</li> </ul> <p><b>b) Student Chapter Activities</b></p> <p>Calcutta Institute of Technology (CIT) Uluberia</p> <ul style="list-style-type: none"> <li>- Engineers Day Celebration Program was organised.</li> <li>- Fresher Welcome Day was held on 29.08.2024</li> </ul> <p><b>Calcutta University</b></p> <ul style="list-style-type: none"> <li>- Dept. of Chemical Technology, CU Student Chapter organized Engineers Day Celebration.</li> </ul> <p><b>Jadavpur University</b></p> <ul style="list-style-type: none"> <li>- JU Student Chapter organized Engineers Day Celebration Program.</li> </ul> <p><b>Heritage Institute of Technology, Kolkata</b></p> <p>HIT Student Chapter organized Quiz Program on ChEMSPARK 2024, conducted by Dr. A. Mallick on 18.11.2024</p> |
| <p><b>Nagpur</b></p>   | <p><b>a) Student Chapter Activities</b></p> <p>Dept of CE, SGGSI&amp;T, Nanded Student chapter organized</p> <ul style="list-style-type: none"> <li>- Seminar on Interview Preparation Strategies by Mrs. Shruti Singh on 02.10.2024</li> <li>- Inter Institute Poster Presentation Competition on 14.10.2024</li> <li>- Inauguration Event of IChE Student Chapter at SGGSI&amp;T Expert Lecture by Secretary IChE Regional Centre Nagpur on 30.01.2025</li> </ul> <p>Dept of CE, PCE Nagpur, Student Chapter organized</p> <ul style="list-style-type: none"> <li>- Inauguration of Indian Institute of Chemical Engineering (IChE) Student Chapter and Installation of committee members for session 2024-2025 on 26.09.2024</li> <li>- Guest Lecture On "Career Prospects in Chemical Engineering" by Dr. R. Kailasham, Assistant Professor, Chemical Engineering, IIT, Indore on 06.03.2025</li> <li>- Guest Lecture on "Business Start-ups in Chemical Engineering" by Mr. Amitej Rao on 24.03.2025</li> <li>- Inter-departmental Technical Power Competition on the topic "Science and Technology" under Technomedh-2025 on 28.02.2025</li> </ul>  |
| <p><b>Northern</b></p> | <p><b>a) Lecture on World Earth Day</b></p> <p>On 'Plastics-A Sustainability Paradox' by Mr. Swapan Kumar on 24.04.2024</p> <p><b>b) Library Day</b></p> <p>IChE (NRC) Celebrated Library Day on 07.09.2024 and 05.10.2024 respectively.</p> <p><b>c) Formation of Student Chapter</b></p> <p>A new Student Chapter was formed at Department of Chemical Engineering, Raja Balwant Singh Engineering Technical Campus (RBSETC), Bichpuri, Agra-283105, Uttar Pradesh, covered under Indian Institute of Chemical Engineers (NRC), New Delhi</p>   |

|                    |  |
|--------------------|--|
|                    | <ul style="list-style-type: none"> <li>- Foundation Day Celebration of Indian Institute of Chemical Engineers(NRC) on 08.02.2025</li> </ul> <p><b>d) Student Chapter Activities</b></p> <p>IChE-DTU Student Chapter actively participated</p> <ul style="list-style-type: none"> <li>- In the Library Days held on 07.09.2024 and 05.10.2025</li> <li>- In the IChE-NRC Foundation Day held on 08.02.2025 RBSETC Student Chapter Organized- Alumni Interaction Series on 17.09.2024 and 01.10.2024</li> </ul> <p><b>FRAGRANCE 2024</b>, an extracurricular celebration of Creativity and Innovation</p>  |
| <p><b>Pune</b></p> | <p><b>a) Student Chapter Activities</b></p> <p>DYPIEMR/DYPIU, Pune Student Chapter organized</p> <ul style="list-style-type: none"> <li>- Induction for First Year Students on 09.08.2024</li> <li>- Session on Resume &amp; LinkedIn Excellence: Boost Your Career with Expert Insights on 27.08.2024</li> <li>- Teacher’s Day Celebration on 05.09.2024</li> <li>- Engineer’s Day Celebration on 15.09.2024</li> <li>- MINDSPRINT (Quiz Competition) on 20.09.2024</li> <li>- Mock Interview for Lubrizol Pvt. Ltd. on 22.10.2024</li> <li>- Poster Presentation “Greentech” on 03.02.2025</li> <li>- Technical Quiz “Techn-quiz” on 04.02.2025</li> </ul> <p>DYPIEMR/DYPIU, Pune Student Chapter participated in</p> <ul style="list-style-type: none"> <li>- Project Presentation in line to Avishkar, an SPPU Research Competition</li> </ul> <p>BVCE, Pune Organised Visit to “MAHATech Exhibition” on 09.02.2025.</p> <p>MITAE, Pune Student Chapter organized</p> <ul style="list-style-type: none"> <li>- Teachers Day Celebration on 05.09.2024</li> <li>- FY B. Tech Induction Program on 11.09.2024</li> <li>- One day activity on Sketching Competition, Debate, photography and quiz competition on 31.01.2025</li> <li>- National Level Paper And poster competition PRAKALP 2025 from 21.03.2025 to 22.03.2025- Fresher’s Party on 17.02.2025</li> <li>- Alumni meet on 23.05.2025</li> <li>- Final Year Farewell on 23.05.2025</li> </ul> <p>JNEC, MGMU, CS Nagar Student Chapter organized Career Guidance Session</p> <ul style="list-style-type: none"> <li>- On “Opportunities in Defence Industries” by Mr. Aashish Rewaskar on 13.08.2024</li> <li>- On “Skill required for Design Engineer” by Umat Farooq, Proclink Consulting Services LLP on 17.08.2024</li> <li>- On “Skill required for Project Engineer” by Nitin Pardeshi</li> </ul> <p>JNEC, MGMU, CS Nagar Student Chapter organized Counselling Session on “Higher Education in Germany” by Mr. Atharv Pande on 16.08.2024</p> <p>JNEC, MGMU, CS Nagar Student Chapter organized</p> <ul style="list-style-type: none"> <li>- SWAYAMBHU 2025, a State Level Event</li> </ul> |

|                |   |
|----------------|---|
|                | <ul style="list-style-type: none"> <li>- "Handmade Recycle Paper Workshop" on 28.03.2025 &amp; 29.03.2025</li> <li>- "Poster Competition" on 28.03.2025 &amp; 29.03.2025"</li> </ul> <p>CHEM QUIZ" on 28.03.2025&amp;29.03.2025</p>   |
| <b>Vapi</b>    | <p><b>a) Inauguration of Student Chapter</b></p> <p>At Govt. Polytechnic, Daman was formally inaugurated on 05.09.2024</p> <p><b>b) National Engineers' Day celebration</b> held on 26.09.2024 at Govt. Polytechnic, Valsad.</p> <p><b>c) 1<sup>st</sup> Anniversary celebration</b> of IChE student chapter at Govt. Polytechnic, Valsad held on 27.03.2025.</p> <p><b>d) Lecture</b> on the "New Education Policy 2020" was delivered by Prof. Dhaneshwar on 08.08.2024.</p>  |
| <b>Waltair</b> | <p><b>Student Chapter Activities</b></p> <p>ANITS Student Chapter organized</p> <ul style="list-style-type: none"> <li>- Two-Day National Level Tech-Fest "CHEMFLARE 2025" on 06.03.2025 and 07.03.2025</li> <li>- A Value-added Course was conducted on "Application of Excel to Solve Engineering Problems" by Prof. R. Srikanth, Dr. Ch. Anil, Mr. M Koteswara Rao and Mr. B. Pradeep Santosh Kumar of Dept of CE, ANITS from 21.01.2025 to 27.01.2025</li> <li>- An Event Titled "Student Activity on Crossword Puzzles on Chemical Engineering" on 25.02.2025</li> </ul> |

### 13.0 Milestones of the Year (Beyond March 2025)

As per the convention, the Annual Report of the IChE Headquarters has covered major activities of the Institute for the financial year April 2024 – March 2025. However, we deem it would be appropriate to keep our valued Members posted about important activities of the Institute that were conducted after March 2025.

#### IChE-ChEMATHON 2025

The first IChE pan India Hackathon, namely, IChE-ChEMATHON 2025, was organized by IChE-Training Institute during 28 February to 2nd March 2025 at Kongu Engineering College, Erode, Tamil Nadu. This initiative aimed at engaging students of Chemical Engineering and allied disciplines from across India.

#### Mini CHEMATHON 2025

This event of 'hackathon' was organised during 15 – 17 August 2025 by Department of Chemical Engineering, Dharmsinh Desai University, Nadiad and IChE-Training Institute. The central theme for the event was 'Commitment to Sustainable Future'.

### SCHEMCON 2025

The 21st Annual Session of Students Chemical Engineering Congress (SCHEMCON 2025) was organised on 2 and 3 October 2025 by the IChE Student Chapter, School of Chemical Engineering, Vellore Institute of Technology, Vellore in association with IChE-Vellore Regional Centre. This session of SCHEMCON was held around the central theme of 'Sustainable Development in Energy and Environment'.

#### Industrial Safety Training Programme

IChE-Training Institute and CIPET jointly organised a two-day training programme on Industrial Safety on 25 and 26 June 2025 at the IChE Headquarters in Kolkata. The programme featured expert talks on safety management, emergency preparedness, hazardous waste handling, and a mock safety drill, with over 200 professionals from the chemicals, petrochemicals, and allied industries participating.

#### MoU with HYDGEN, Singapore

An MoU is going to be signed during CHEMCON 2025 between IChE-Training Institute and the Singapore-based Hydrogen

Innovations Pte. Ltd. (HYDGEN) for undertaking joint research projects and Training Programmes, Short-term Certificate Courses, Workshops, etc.

### **CHEMCON 2025**

IChE is all geared up for IChE-CHEMCON 2025, the 78th Annual Session of the Institute, to be organised by the Annamalai Regional Centre of IChE at Annamalainagar, Tamil Nadu during 27 – 30 December 2025 at the premises of Annamalai University. The central theme for the event has been chosen to be ‘AI-driven Chemical Engineering Processes: Transformation and Sustainability’.

### **New Campus for IChE-Training Institute**

A land purchase deal is being finalised to build a new campus for IChE-Training Institute in Kolkata, having a total budget provision of Rs. 1.10 crore. A land area of 3 *kotha 2 chatak* has been selected for the purchase. The new campus will serve the purpose of carrying out research, training and consultancy.

### **List of IChE Council Meetings**

(1 April 2024 – 31 March 2025)

| <b>Meeting</b>                         | <b>Dates</b> |
|--|--------------|
| 3 <sup>rd</sup> Council Meeting (2024) | 27.04.2024   |
| 4 <sup>th</sup> Council Meeting (2024) | 06.07.2024   |
| 5 <sup>th</sup> Council Meeting (2024) | 20.09.2024   |
| 6 <sup>th</sup> Council Meeting (2024) | 26.12.2024   |
| 1 <sup>st</sup> Council Meeting (2025) | 28.12.2024   |
| 2 <sup>nd</sup> Council Meeting (2025) | 01.03.2025   |

### **14.0 Acknowledgement**

The Council expresses its sincere thanks to the Honorary Office Bearers for spending much of their valuable time in rendering service to the Institute. The Council also appreciates the sincere work and utmost cooperation received from the members of the Headquarters staff of the Institute. Finally, the Council is indebted to all the donors, sponsors and well wishers for wholeheartedly supporting activities of the Institute.

**Prof. Sunil Baran Kuila**  
Honorary Secretary

