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List of Council Members for 2023 & 2024

| 2023 | Designation | 2024 |
|---|----------------------------|---|
| Prof. Anil Kumar Saroha, Dept of Chemical Engineering, Indian Institute of Technology Delhi, Hauz Khas, New Delhi 110 016, [Mobile]: 9871360500, aksaroha@chemical.iitd.ac.in | President | Mr. Sunil Indulal Thakar, Kutch Chemical Industries Ltd., 'Sara Minas', 20/21, Harinagar Society, Gotri Road, Baroda - 390007, [Mobile]: 9925231717, sunilthakar59@gmail.com |
| Mr D M Butala, 5, Mohak, B/h, Manisha Society, Behind Raja's Lavkush Bunglow, Near Upendra Bhatt's Bunglow, Syed Vasana Road, Baroda 390 015, [Mobile]: 9979853021, dmbutala27@yahoo.com | Immediate Past President | Prof. Anil Kumar Saroha, Dept. of Chemical Engineering, Indian Institute of Technology Delhi, Hauz Khas, New Delhi 110 016, [Mobile]: 9871360500, aksaroha@chemical.iitd.ac.in |
| Prof. C. Karthikeyan, Head, Dept of Chemical Engineering, Annamalai University, Annamalai Nagar 608 002, [Mobile]: 8838700211/9865356561, drcktech@rediffmail.com | Vice Presidents | Mr. Shashikant Pokale, Sr. Advisor, Precitech Laboratories Pvt Ltd., 1st First Floor Bhanujyot Complex, Plot No C5/27, Behind Panchratna Complex, Near GIDC Char Rasta, Vapi 396195 (Gujarat), [Mobile]: 9737344456, sspokale@yahoo.co.in |
| Prof. K. S. Rajanandam, # 676/12, 14th B Main Road,, Gokul I Stage, I Phase,, MSRIT Post, Bangalore 560 054, Mobile]: 9845533308, ksrajanandam@gmail.com | Honorary Secretary | Smt. Sheela, Plot Number 3/208, 7th Cross west, Hastinapur Colony, Hyderabad – 500094, [Mobile]: 9440587828, sheela_nfc@yahoo.co.in |
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| Mr. Dhawal Saxena, CEO & CTO, Bhumistha Infra Services, E – 17, RH – 4, Sector – 6, Vashi, Navi Mumbai - 400703, [Mobile]: 9323363077, dhawal_saxena@hotmail.com | Member | Mr. Dhawal Saxena, CEO & CTO, Bhumistha Infra Services, E – 17, RH – 4, Sector – 6, Vashi, Navi Mumbai - 400703, [Mobile]: 9323363077, dhawal_saxena@hotmail.com |
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| Prof. R. Saravanan, Department of Chemical Engineering, Annamalai University, Annamalai Nagar 608 002, [Mobile] 9443414104, srsaravanan@yahoo.co.in | | Prof. K. S. Rajanandam, # 676/12, 14th B Main Road, Gokul I Stage, I Phase,, MSRIT Post, Bangalore 560 054, Mobile]: 9845533308, ksrajanandam@gmail.com |
| Prof. R. Parthiban, Department of Chemical Engineering, S S.N. College of Engineering, Rajiv Gandhi Salai (OMR), Kalavakkam 603 110, [Mobile]: 9884355504, rparthi@gmail.com | | Prof. M. Srinivasa Rao, Head, Department of Chemical Engineering, Dharmasinh Desai University, College Road, Nadiad – 387001, [Mobile]: 9427634725, msrao@ddu.ac.in |
| Prof. M Venkateswara Rao, Dept of Chemical Engineering, RVR & JC College of Engineering (A), Chowdavaram, Guntur 522 019, A.P., [Mobile]: 9440010190, mvr Rao79@gmail.com | | Dr. Prasad T.L. Gupta, Senior Scientific Officer, Room 301 DD Chemical Eng. Group BARC, Trombay, Mumbai – 40085- [Mobile]: 9869879214, tlprasad63@gmail.com |
| Dr. Utkarsh Maheshwari, Associate Professor, Department of Chemical Engineering, Dr. DY Patil Institute of Engineering Management & Research, D. Y. Patil Educational Complex, Akurdi, Sector 29, Ravet Village Rd, Gurudwara Colony, Nigdi, Pimpri-Chinchwad, Maharashtra 411035, [Mobile]: 9772976299, drutkarshnm@gmail.com | | Prof. Ajay Bansal, Dept. of Chemical Engineering National Institute of Technology-Jalandhar P.O. REC, Jalandhar – 144 011, Punjab, [Mobile]: 9417223839, bansala@nitj.ac.in |
| Prof. Narendra M Surana, 103-A, Ganga Jamuna Society, Subhanpura, Vadodara – 390023, Gujarat, [M] 9898934606, nmsurana@yahoo.com | | Prof. K. A. Badrinarayana, Associate Professor, Department of Chemical Engineering Ramaya Institute of Technology Bangalore-560054, [Mobile]: 9448939414, badri.17762@gmail.com |
| Mr. Sunil Indulal Thakar, Kutch Chemical Industries Ltd., 'Sara Minas', 20/21, Harinagar Society, Gotri Road, Baroda – 390007, [Mobile]: 9925231717, sunilthakar59@gmail.com | | Dr. Gaurav Rattan, Assistant Professor, Dr S S Bhatnagar University Institute of Chemical Engineering & Technology, Panjab University, Chandigarh 160014, [Mobile]: 8288071498, grattan1107@gmail.com |
| Prof. M. Srinivasa Rao, Head, Department of Chemical Engineering, Dharmasinh Desai University, College Road, Nadiad – 387001, [Mobile]: 9427634725, msrao@ddu.ac.in | | Prof. G.D. Yadav, (Co-opted Member), Emeritus Professor of Eminence and Former Vice Chancellor, ICT Mumbai and R.T. Mody Distinguished Professor J.C. Bose National Fellow (Govt. of India), [Mobile]: 9833090510, gdvayad@yahoo.com |
| Prof. A. S. K. Sinha, (Special Invitee for the year 2023), Director, Rajiv Gandhi Institute of Petroleum Technology, Jais, Amethi 229 304, [Mobile]: 9316470693, asksinha@rgipt.ac.in | | Prof. Shishir Sinha, (Co-opted Member), Dept. of Chemical Engineering, Indian Institute of Technology Roorkee, Roorkee-247667 (India) & Director General, Central Institute of Petrochemicals Engineering and Technology (CIPET), Ministry of Chemicals and Fertilizers, Government of India, [Mobile]: 9719633333, shishir@ch.iitr.ac.in ; shishir@cipet.gov.in |
| Prof. G.D. Yadav, (AICTE Nominee), Emeritus Professor of Eminence and Former Vice Chancellor, ICT Mumbai and R.T. Mody Distinguished Professor J.C. Bose National Fellow (Govt. of India), [Mobile]: 9833090510, gdvayad@yahoo.com | | Mr. Biswanath Chattopadhyay, (Co-opted Member), Chief Executive Officer, IVL Dhunseri Petrochem Industries Limited, 'Dhunseri House', 4A, Woodburn Park, Kolkata, West Bengal 700020, [Mobile]: 9831849636, bchat@ivldhunseri.com |
| Mr. Biswanath Chattopadhyay, (Co-opted Member), Chief Executive Officer, IVL Dhunseri Petrochem Industries Limited, 'Dhunseri House', 4A, Woodburn Park, Kolkata, West Bengal 700020, [Mobile]: 9831849636, bchat@ivldhunseri.com | | Prof. M. K. Jha (Special Invitee), Director-General, IICHe-Training Institute &, Principal, Muzaffarpur Institute of Technology, Muzaffarpur, [Mobile]: 9417290668, jhamkin@yahoo.co.in |
| Prof. K.K. Pant, (Co-opted Member), Director, Indian Institute of Technology Roorkee, Roorkee - Haridwar Highway, Roorkee, Uttarakhand 247667, [Mobile]: 9990662905, dr.kkpant@gmail.com | | Dr. Avijit Ghosh (Special Invitee), Director, IICHe-Training Institute, Dr. H.L. Roy Building, Jadavpur University Campus, Jadavpur, Kolkata – 700032, [Mobile]: 9830752111, avijitghosh.che@gmail.com |
| Prof. Asim Kumar De, (Co-opted Member), Department of Chemical Engineering, University of Calcutta, 92, A.P.C. Roy Road, Kolkata-700 009, [Mobile]: 9477203215, akdecuce@gmail.com | | |

**List of Corporate Members present at
76th (Seventy-Sixth) Annual General Meeting, IICHe – 2023**

| Members who were present online | | | | | |
|---------------------------------|---------------------------|----------------|--------|--------------------------------|-----------|
| Sl.No. | Name | Membership No. | Sl.No. | Name | Member 64 |
| 1. | Saroha, Prof. Anil K. | LF-27776 | 46. | Sapkal, Prof. Vilas | LM-29723 |
| 2. | Butala, Mr. D.M. | LM-03368 | 47. | Shende, Dr. Diwakar Z. | LF-26476 |
| 3. | Rajanandam, Prof. K.S. | LM-07327 | 48. | Bhanvase, Dr. B.A. | LF-38183 |
| 4. | Karthikeyan, Prof. C | LM-17257 | 49. | Kumar, Dr. Milan | LM-72833 |
| 5. | Ghosh, Dr. Avijit | LM-50202 | 50. | Basak, Dr. Nitai | LF-27333 |
| 6. | Pokale, Mr. S.S. | LF-15602 | 51. | Paira, Prof. B.B. | LF-01706 |
| 7. | Saxena, Mr. Dhawal | LM-43343 | 52. | Bhattacharjee, Prof. Sekhar | LM-10860 |
| 8. | Saha, Prof. Asit Kumar | LM-37968 | 53. | Ghosh, Dr. Priyanka | LM-73443 |
| 9. | Roy, Mr. S.K. | LM-08162 | 54. | Badrinarayana, Prof. K.A. | LM-22739 |
| 10. | Gupta, Prof. S.K. | LM-19814 | 55. | Altaf Hussain, Prof. S. | LM-48598 |
| 11. | Raju, Prof. G.M.J. | LM-17533 | 56. | Gavane, Dr. Prajakta Ashok | LAM-73295 |
| 12. | Mahapatra, Prof. Alpana | LM-20164 | 57. | Smt. Sheela | LM-10864 |
| 13. | Rao, Prof. M. V. | LM-06492 | 58. | Bramha, Prof. N.K. | LF-10671 |
| 14. | Jha, Prof. M.K. | LF-09764 | 59. | Bhattacharjee, Prof. Chiranjib | LM-10551 |
| 15. | Saxena, Mr. Praveen | LF-24415 | 60. | Narsimhan, Dr. R | LM-01179 |
| 16. | Rao, Prof. M.S. | LM-13568 | 61. | Yadav, Prof. G.D. | LF-6738 |
| 17. | Thakar, Mr. Sunil Indulal | LM-29117 | 62. | Mitra, Prof. A.K. | LF-02228 |
| 18. | Gogate, Prof. Parag R. | LM-27350 | 63. | Mukhopadhyay, Mr. Parijat | LM-06108 |
| 19. | Maheshwari, Dr. Utkarsh | LM-38850 | 64. | Basu, Prof. S. | LF-20876 |
| 20. | Parthiban, Prof. R. | LM-09315 | 65. | Chakraborty, Mr. Sisir | LM-17210 |
| 21. | Bajpai, Prof. S. | LM-33859 | 66. | Chaudhury, Mr. Anup K | LAM-54013 |
| 22. | Bandopadhyay, Dr. Sibdas | LM-25005 | 67. | Dutta, Prof. B.K. | LF-03716 |
| 23. | Sinha, Prof. Shishir | LM-12188 | 68. | Ghosh, Mr. Sandip | LM-32074 |
| 24. | Sajan, Mr. M. | LAM-29436 | 69. | Sinha, Mr. Amaresh | LM-10794 |
| 25. | Prabhakaran, Mr. K. P. | LM-07099 | 70. | Agarwal, Prof. Madhu | LF-40031 |
| 26. | Sahu, Dr. Debjyoti | LM-73303 | 71. | Sur, Dr. Dharmesh H. | LM-18379 |
| 27. | Kumar, Mr. G. Kishore | LAM-14193 | 72. | Barma, Dr. Sanjib | LM-67100 |
| 28. | Srivastava, Prof. V.K. | LF-07839 | 73. | Sahu, Dr. Somak Jyoti | LM-37867 |
| 29. | Patel, Mr. Mahendra A. | LM-35101 | 74. | Ghosh, Ms. Tanushree | LAM-37970 |
| 30. | Prasad, Dr. T.L. | LF-09599 | 75. | Das, Dr. Lipika | LM-47782 |
| 31. | Mandal, Dr. Biswajit | LM-45506 | 76. | Das, Prof. Radharani | LM-10772 |
| 32. | Pal, Mr. Tapotanay | LM-66058 | 77. | Das, Ms. Anima | LM-53791 |
| 33. | Golder, Prof. A.K. | LF-31335 | 78. | Bandopadhyay, Dr. N. | LM-08190 |
| 34. | Pramanick, Prof. Hiralal | LM-21879 | 79. | Biswas, Dr. K.G. | LM-72836 |
| 35. | Basu, Mr. Kalyan Kumar | LM-03450 | 80. | Kumar, Dr. Rakesh | LM-72834 |
| 36. | Kumar, Dr. Kamoj | LM-39934 | 81. | Rath, Dr. Swagat S. | LM-46362 |
| 37. | Narasimhan, Mr. R. | LM-01179 | 82. | Singh, Dr. Satya K. | LF-73519 |
| 40. | Bhardwaj, Dr. Sanjay | LM-56227 | 83. | Chakma, Dr. Sankar | LM-38286 |
| 41. | Samanta, Dr. S.K. | LM-48364 | 86. | Das, Prof. Chandan | LF-23526 |
| 42. | Kuila, Prof. Sunil Baran | LM-37901 | 87. | Kalani. Mr. Ajay | LF-13078 |
| 43. | Ghosh, Mr. Debashis | LM-10701 | 88. | Balasubramanian, Prof. N | LM-27085 |
| 44. | Das, Prof. Sudip | LM-08450 | 89. | Bansal, Prof. Ajay K | LF-11337 |
| 45. | Bose, Dr. Sujoy | LAM-61192 | 90. | Mandal, Prof. Bishnupada | LF-21472 |

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

Annual Report for 2023-2024

1.0 Introduction

The report covers major activities of the Institute during the period 1 April 2023 to 31 March 2024.

2.0 76th Annual Session and CHEMCON 2023

IChE-CHEMCON 2023, the 76th annual Chemical Engineering Congress, was organised by the Headquarters of Indian Institute of Chemical Engineers (IChE) in Kolkata during 27 – 30 December 2023 in association with Heritage Institute of Technology, Kolkata (HITK); Rajiv Gandhi Institute of Petroleum Technology (RGIPT), Jais (Amethi); Jadavpur University, Kolkata and University of Calcutta, Kolkata. Held at the impressive campus of HITK, CHEMCON 2023 was all the more important because it marked the conclusion of the Platinum Jubilee celebration of IChE that started in the year 2022. The central theme for CHEMCON 2023 was ‘**Energy Transition: Challenges and Opportunities**’. As many as 24 eminent speakers from industry and academia delivered lectures while 900 research papers were presented over the four-day congress.

The inaugural session on 27 December 2023 was graced by the Governor of West Bengal, **Dr. C.V. Ananda Bose** as the Chief Guest. Besides the Governor, other dignitaries present on the podium included **Prof. Anil Kumar Saroha**, President (2023), IChE; **Prof. A.S.K. Sinha**, Chairman, National Organising Committee (NOC), CHEMCON 2023; **Mr. Vikram Swarup**, Chairman, Local Organising Committee (LOC), CHEMCON 2023; **Padma Shri Mr. P.R. Agarwala**, Chairman, HIT; and, Guest of Honour, **Mr. H.K. Chaudhary**, Chairman, Heritage Group of Institutions and Chairman Emeritus, Vikram Solar Ltd. Following lighting of the lamp, floral tributes were paid to the founding father of IChE and its first President, Dr. H.L. Roy. The Commemorative Volume on CHEMCON 2023 was released by the Governor and a new edition of a book, *Life and Times of Hiralal Roy*, was released by **Prof. Asit Kumar Mitra**, former President of IChE along with the granddaughter of Dr. H.L. Roy. Other members of Dr. H.L. Roy’s family were present on the dais.

IChE President, Prof. Saroha, while welcoming all the guests and dignitaries, stressed IChE’s long commitment in creating an empowered workforce, who would be contributing to the sustainable growth and progress of the nation. He also narrated about IChE’s activities for contributing to a sustainable society. The Governor, Dr. Bose, while drawing

attention of the audience to the impending danger of the climate disaster, emphasised the importance of the Indian way of development through self-reliance. The Governor also lauded IChE and hoped it would continue with its pursuits for perfection as envisaged by Dr. H.L. Roy and other stalwarts. All the dignitaries were felicitated with mementos and shawls.

The inaugural function was followed by the Award Ceremony of IChE. 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 IChE, namely, Dr. B P Godrej Life Time Achievement Award was conferred upon **Prof. B B Paira**, Advisor, MAKAUT, West Bengal. Lala Shriram National Award for Leadership in Chemical Industry was conferred upon **Mr. Ashok R Boob**, MD, CST Ltd. Additionally, to mark the finalé of the Platinum Jubilee celebration of the Institute, **IChE Platinum Jubilee Awards** were conferred upon **Padma Vibhushan Prof. M.M. Sharma**, (Emeritus Professor of Eminence, ICT Mumbai); **Padma Shri Prof. G.D. Yadav**, (Emeritus Professor of Eminence & Former VC, ICT, Mumbai); **Mr. Subhasendu Chatterjee**, (Vice Chairman, Haldia Petrochemicals Limited); **Mr. Samir S. Somaiya**, (Chairman & Managing Director, Godavari Biorefineries Limited) and **Dr. C. V. Ananda Bose**, (Governor of West Bengal.).

Name of all the awards and a list of awardees are presented in **Section 10.0**.

Contrary to the traditional practice, this year, presentation of the three signature Memorial Lectures, namely, Dr. H. L. Roy Memorial Lecture Sponsored by Jacobs Worley, Aker Powergas’s Prof. N.R. Kamath and Mrs. Ruzena Kamath Memorial Lecture and Inventaa C.K. Murthy Memorial Lecture were spread out over the four-day congress.

Aker Powergas’s **Prof. N.R. Kamath Memorial Lecture** was delivered by **Ms. Sukla Mistry**, Director (Refineries), Indian Oil Corporation Ltd. on 27 December 2023. ‘Energy Transition, A Paradigm Shift – Oil Refiner’s Perspective’ was the title of her lecture.

Inventaa C.K. Murthy Memorial Lecture was delivered on 28 December 2023 by **Mr. Prabh Das**, Managing Director & Chief Executive Officer, HMEL. Centering his lecture on the CHEMCON 2023 theme, Mr. Das focussed on the issues like

energy security, equitable access to energy, environment and climate, etc.

Dr. H. L. Roy Memorial Lecture was delivered at the concluding session of CHEMCON 2023 on 30 December 2023 by **Padma Shri Prof. G.D. Yadav**, Emeritus Professor of Eminence and Former Vice Chancellor, ICT, Mumbai. Prof. Yadav chose the title of his lecture to be 'God Still is a Chemical Engineer'.

CHEMCON 2023 featured three panel discussions on 27 December and 28 December 2023. The first one in the afternoon session of the inaugural day, the second and the third one were held on the next day, 28 December. Chemical Process Industries towards Net-zero with COP28 Mandate of Sustainable Action' and 'Roles of IChE in Promoting Industry-Academia Interaction'. Top echelons of industry and technocrats participated in these brainstorming sessions.

Another important feature of CHEMCON 2023 was the Indo-Canadian Joint Symposium on 28 December 2023. The focus of the symposium was 'Green Fuels, Chemicals and Materials from Alternative Resources.' A panel of 15 distinguished academics and technologists, associated with different Indian and Canadian universities, technological institutes and startups took part in this session. The prevalent tone of all the presentations was the indispensability of the global search for alternative energy sources, particularly bio-energy and hydrogen fuel; reduction of waste generation; various approaches to achieve the goals of net zero emission of Green house gases, and, the efficacy of the next generation technologies for navigating the roadmap of the future.

The **Dhirubhai Ambani Commemoration Day** was observed on 28 December 2023 as customary. The Dhirubhai Ambani Oration was delivered by the legendary scientist, academic and chemical engineer, **Padma Vibhushan Prof. M.M. Sharma**. He went in detail to narrate the present scenario of chemical engineering domain and explained the gaps that need to be addressed. Prof. Sharma also focussed on the climate change and observed that revolutionary innovations are being made as far as the removal of CO₂ is concerned.

Over the four days of CHEMCON 2023, 15 Parallel Technical Sessions were conducted featuring lectures and interactions as well as 17 CHEMCON Distinguished Speaker lectures were delivered. Technical Sessions were held under the titles of 'Energy and Environment', 'Transformation for Energy Transition', 'Advanced Nano-materials and Nano-technology', 'Water and Wastewater Treatment', 'Advanced Chemical Engineering', 'Advanced Polymer and Composite' and 'Biochemical and Bioscience Engineering'. Each session commenced with a lecture by one of the IChE national award winners (2023).

On 29 December 2023, the ICC (Indian Chamber of Commerce) Industry Summit was organised in which Speakers comprised the heads of top industry houses, research organisations and professional bodies.

Two Memoranda of Understanding were signed during CHEMCON 2023. The first one was signed between IChE and European Federation of Chemical Engineering (EFCE) was signed on 27 December 2023. EFCE was represented by Prof. Favio Maneti and IChE by Prof. A.K. Saroha during the signing.

The second MoU was signed between IChE and American Institute of Chemical Engineers (AIChE) on 28 December 2023. Dr. Veera M. Boddu represented AIChE.

The Valedictory Session of CHEMCON 2023 was held in the afternoon of 30 December 2023, which was presided over by Dr. Avijit Ghosh, Organising Secretary, CHEMCON 2023 and Honorary Secretary, IChE. Chief Guest for the session was Shri Vikram Swarup, Chairman, LOC, CHEMCON 2023 while the Guest of Honour was Padma Shri Prof. G.D. Yadav. Others present on the dais were Prof. Anil K. Saroha, President 2023, IChE; Vice Presidents, IChE, Prof. C. Karthikeyan and Prof. K.S. Rajanandam; Prof. A.S.K. Sinha, Chairman, NOC; Shri Biswanath Chattopadhyay, Vice Chairman, NOC; Shri Pradip Agarwal, CEO, Heritage Group of Institutions; and, Shri Sunil Thakar; IChE President Elect, 2024. Prof. Anil K. Saroha praised the organising team for doing a wonderful job and working like a well-oiled machine. He hoped that Jalandhar, which will host CHEMCON 2024 next year, will match the bar, which has been set by this Kolkata CHEMCON. Dr. Avijit Ghosh thanked each and every one associated at different stages of organising CHEMCON and expressed gratitude to sponsors for funds.

A unique addition in this year's CHEMCON was publication of IChE-CHEMCON 2023 Tabloid in multicolour during all the four days of the event, which was greatly appreciated and commended by the attendees.

An exhibition was also organised on the occasion in which several start-ups participated, besides a number of student groups and research scholars, showcasing their projects. Following were the sponsors for CHEMCON 2023: Reliance Industries, Haldia Petrochemicals-MCPL, Godrej Industries Ltd., Somaiya Vidyavihar University, WBPDC, Balmer Lawrie & Co. Indian Chamber of Commerce, Chennai Petroleum Corporation, Nandesari Industries Association, Bhumistha Infra Services, Indian Chemical News, Exide Industries Ltd. (Exhibitor), Vikram Solar (Exhibitor) and Terrae Green (Exhibitor).

3.0 76th Annual General Meeting

The 76th (seventy-sixth Annual General Meeting (AGM)) of the Institute was held on December 27, 2023 at Heritage Institute of Technology, Kolkata. Prof. A.K. Saroha, President of the Institute for 2023, chaired the meeting. The AGM was attended by 90 Corporate Members.

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

i. **Adoption of 75th AGM Minutes:**

The minutes of the 75th (Seventy-fifth) Annual General Meeting, held on December 28, 2022 at HBTU, Kanpur were confirmed unanimously, as proposed by Mr. Dhawal Saxena and seconded by Prof. C. Karthikeyan, except for one particular issue concerning the Calcutta Regional Centre.

ii. **Adoption of Annual Report and Audited Statement of Accounts for 2022-2023**

The Honorary Secretary provided a comprehensive overview of the activity reports from the Headquarters, Regional Centres, and Student Chapters for the year 2023 to the members. Additionally, he outlined the highlights from Council Meetings and Sub-committee Meetings held throughout the year.

Furthermore, the Honorary Secretary presented details from the Audited Accounts, 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 (2022-23) of IChE, as proposed by Prof. Sudip Kumar Das and seconded by Dr. S. Bajpai.

iii. **Announcement of newly elected Council Members for the period 2024-26**

President, IChE, announced the names of the newly elected Council Members and welcomed them to the Council for 2024-26.

iv. **Appointment of Auditors for 2023-24**

The meeting discussed reappointment of MARP & ASSOCIATES, Chartered Accountants, 20B, Abdul Hamid Street, 5th Floor, Room No. 15, Kolkata – 700 069 as the Auditors for the financial year 2023-2024 for the IChE Headquarters Accounts and the IChE Consolidated Accounts as well as all taxation related matters with the following remuneration:

Rs. 40,000/- + GST + Reimbursement of local Conveyance Charges related to IChE HQ.

A resolution was taken in the 76th AGM reappointing the current auditor, MARP & Associates, with the existing terms and conditions for another one year due to their excellent performance. The resolution was proposed by Mr. G. Kishore Kumar and seconded by Prof. Vinay K. Srivastava.

v. **IChE-Training Institute**

The formation of the IChE-Training Institute (IChE-TI) and its functionaries (Board of Governance and Board of Directors) was unanimously approved by the members. The house authorized council to change/modify the modus-operandi and the tenure of the office bearers of the IChE-TI time to time. **The same will be added in the by-laws as a new clause.**

The details regarding the constitution and functions of IChE-TI have been provided in the Annual Report (2022-23), section 6.3.

v. **Fees for Life Fellowship**

Following deliberations, the AGM unanimously adopted the recommendation of the Council to revise fees and subscription for Life Fellows as below:

| Life Fellows | |
|--------------------|------------------------------|
| For all age groups | Fee (Rs.) 10,000/- + GST@18% |

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.

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 follows. For the RCs, the 1-year period covers July 2023 – June 2024.

R&D Related Activities

| Name of the Regional Centres | |
|------------------------------|---|
| Ankleshwar | <p>Student Chapter Activities</p> <p>Government Engineering College, Bharuch conducted the following R&D related programme:</p> <p>Expert talk on 'Design of Distillation Column' by Mr D B Shah, Chief Manager, Technical Services Department, GNFC, Bharuch on 07.11.2023.</p> <p>Sarvajanik College of Engineering and Technology, Surat conducted the following R&D related programme:</p> <p>Workshop on 'Industrial Hazards and Fire Safety' on 16.08.2023.</p> |
| Ahmedabad | <p>Shirish Parikh Memorial Lecture</p> <p>Expert Lecture delivered on "Process Intensification of Chemical Processing Applications using Cavitation Reactors", delivered by Prof Parag R Gogate, ICT Mumbai on 16.02.2024.</p> |
| Amaravati | <p>Workshop</p> <p>Workshop held on utilizing LaTeX for academic and professional documents. It was organized by the Dept. of Chemical Engineering, NIT Andhra Pradesh in association with the Institution's Innovation Council and IChE Amaravati RC on 12.10.2023.</p> <p>Prof. M V Rao Endowment Lecture</p> <p>Lecture delivered on "Chemical Engineering: Opportunities and Challenges in 21st Century" by Prof K Krishnaiah, former Professor of IIT Madras and Dean, Academic Affairs, IIT Tirupati, on 16.04.2024.</p> <p>Student Chapter Activities</p> <p>Technical Lecture</p> <p>On 'Chemical Engineer Role in Refinery' by Mr Teerdhankara Satya Avinash Raja, Production Engineer, IOCL, Gujarat Refinery, Vadodara, held on 14.06.2023.</p> <p>On 'Process Simulation using DWSIM' by Dr C V Nageswararao, Associate Professor, Dept of Chemical Engineering, Gayatri Vidya Parishad College of Engineering, Visakhapatnam, on 01.09.2023.</p> <p>On 'Simulations software usage for Chemical Engineers' by Dr. Ch Anil, Associate Professor, Dept of Chemical Engineering, Anil Neerukonda Institute of Technology and Sciences, Visakhapatnam.</p> <p>On 'Scope of Chemical Engineering in Industry' by Dr T Sunil Kumar, Associate Professor, Dept of Chemical Engineering, IIT Tirupati, on 27.09.2023.</p> <p>On 'Nuclear Contamination & Prevention' by Prof R Mohan B, NIT Karnataka, on 04.11.2023.</p> <p>TECKZITE'24</p> <p>IChE Rajiv Gandhi University of Knowledge Technologies - Nuzvid Student Chapter organized an annual National Level Technolo-Management Fest, TECKZITE'24 on the theme of 'Metaverse' on 12, 13 & 14.04.2024. The participants got the opportunity to showcase their unique creative ideas.</p> <p>ChECK-2024</p> <p>IChE R. V. R. & J. C. College of Engineering Student Chapter in association with Amaravati Regional Centre organized a National Level Chemical Engineering Student Meet, Chemical</p> |

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| | <p>Engineering Contest for Knockout 2024 (ChECK-2024) on the theme of Innovative Technologies in Chemical Engineering' on 16.02.2024.</p> |
| Amethi | <p>Webinar</p> <p>Webinar was organized on 'Insights of Work Experience and Environment in Oil and Gas Industry' on 18.11.2023.</p> <p>Webinar organized on 'From Oil and Gas to Tech Industry, pathway and challenges of different Industries' on 21.01.2024.</p> <p>Conducted a collaborative event, ATOMICA, with IChE-IIPE during 01.03.2024 to 08.03.2024.</p> <p>Student Chapter Activities</p> <p>Rajiv Gandhi Institute of Petroleum Technology Student Chapter (RGIPT) organized Chem-E-Quest, a collaborative effort with the IChE-BITS (Birla Institute of Technology and Science) Student Chapter on 28.09.2023.</p> <p>RGIPT Student Chapter organized a webinar on 'Energy Resource Development and Economics' on 23.10.2023.</p> |
| Bangalore | <p>Project Grant for UG Students</p> <p>Project Grants were given to encourage innovative students' projects. Fifteen Project Proposals were received from different colleges under Bangalore Regional Centre. These projects were scrutinized by the EC Members of BRC. As per their recommendations, eight project @ Rs.5,000/-were approved. The following Institutes were the recipients of the project grant:</p> <ul style="list-style-type: none"> ● MS Ramaiah Institute of Technology, Bangalore ● Siddaganga Institute of Technology, Tumkur ● B M S College of Engineering, Bangalore ● Dayananda Sagar College of Engineering, Bangalore ● MVJ College of Engineering, Bangalore ● S D M College of Engineering & Technology, Dharwad |
| Bhubaneswar | <p>Seminar</p> <p>A seminar organized in association with CSIR-IMMT on 'Challenging Applications of Chemical Engineering' (CACHE 2024) on 23.03.2024.</p> <p>Technical Talk</p> <p>On the topic 'Material Challenges in Energy Transition: Wealth from Waste' by Dr R N Patra, Former CMD, Indian Rare Earths Limited on 27.09.2023.</p> <p>On the topic 'Luminescence from Silicon Nanostructures' by Prof N R Bandhyopadhyay, Indian Institute of Engineering Science and Technology (IEST), Shibpur, Howrah on 05.04.2024.</p> |
| Calcutta | <p>Technical Lectures</p> <p>On the topic 'Application of CFT in Steel Making Process' by Dr A K Roy, Ex-SAIL on 16.09.2023.</p> <p>On the topic 'Expanding Universe of Chemical Engineering' by Dr P Ray, former Professor, Calcutta University on 16.09.2023.</p> <p>On the topic 'Application of EOR Tech in Sustainable Growth in Oil & Gas Energy Sector' by Dr A Mondal, Ex-ONGC on 02.11.2023.</p> |

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| | <p>On the topic 'Chemical Engineering in Past 40 years, Now and Coming 40 years, a Review' by Dr A K Das, Head Refinery, RIL on 24.02.2024.</p> <p>On the topic 'Small Cell Lung Cancer. The cause, nature, identification and way to overcome' by Dr Subhadeep Das, Purdue University, USA on 16.03.2024.</p> <p>Student Chapter Activities</p> <p>IChE Student Chapter at the Department of Chemical Engineering, Heritage Institute of Technology, Kolkata, organized a seminar, 'Chemspark-2023' on 03.05.2023.</p> <p>IChE Student Chapter at Calcutta Institute of Technology, Howrah, organized a lecture on Sustainable development on the topic 'How serious is the scenario of micro and nano plastics to our society - do we have to really care?' It was delivered by Dr G K Darva from Indian Institute of Science Education and Research (IISER), Kolkata, on 05.04.2024.</p> |
| Chandigarh | <p>Technical Lecture</p> <p>The lecture was delivered by Prof. G D Yadav, globally renowned academic and former VC, ICT, Mumbai on 19.10.2023.</p> |
| Chennai | <p>Student Chapter Activities</p> <p>Sri Sivasubramaniya Nadar College of Engineering, Kalavakkam conducted the following R&D related programmes:</p> <p>Lecture on 'Waste Management in Oman' by Dr Salim Al Jadidi, University of Technology and Applied Sciences, Muscat, Oman on 15.02.2024.</p> <p>On 'Repurposing of Glycerol Waste into Value-added Products' by Dr Jane Gew Lai Ti, Sunway University, Malaysia on 15.02.2024.</p> <p>On 'Smart Monitoring and Process Optimization' by Mr Ramesh Rajasekaran, Founder and Director of Manufacturing Practices, Monitpro Solutions Pvt. Ltd., Trichy on 19.02.2024.</p> <p>On 'Machine Learning Applications in Process Industries, Hands on Training with Case Studies' by Dr Muralidhara Anandamurthy, Head, JMP Academics India, Bangalore, on 13.03.2024.</p> <p>On 'Heat Transfer with MAT Lab' by Prof Shubhankar Chakraborty, IIITDM, on 18.03.2024.</p> <p>On 'Sustainability in Engineering' by Mr S Krishnan, former Director, CPCL, Chennai, on 25.03.2024.</p> <p>On 'Introduction to Loss Prevention Engineering in Oil and Gas Sector' by Ms B Shymala, McDermott International Ltd., on 28.03.2024.</p> <p>A National Conference on 'Sustainable Trends in Energy and Environmental Resources' was organized on 25-26.03.2024.</p> |
| Guwahati | <p>Lecture</p> <p>On 'Mechanistic Insights into Nanoscale Separation and Catalytic Phenomena using Multi-Scale Simulations of Nanomaterials' by Dr. Ananth Govind Rajan, Infosys Young Investigator, Indian Institute of Science, (IISc) Bangalore, on 19.03.2024.</p> <p>On 'Clean Transportation Fuels Production from Algal Biomass' by Prof Ajay Dalai, Department of Chemical and Biological Engineering, The University of Saskatchewan Canada, on 07.02.2024.</p> <p>On 'Overview of Electric Vehicles and Role of Chemical Engineers' by Prof. Anil Verma from IIT Delhi, on 13.10.2023.</p> |

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| <p>Kozhikode</p> | <p>Lecture</p> <p>On 'Indigenous Spinning of Hollow Fiber Membrane and Their Applications' by Prof. Sirshendu De, Department of Chemical Engineering, IIT Kharagpur on 15.03.2024.</p> <p>Student Chapter Activity</p> <p>A Seminar on 'Automation in Chemical Plant', held on 27.02.2024 by Government Engineering College (GEC) Student Chapter.</p> |
| <p>Northern</p> | <p>Technical Lectures</p> <p>Under 'Learning with Leaders', a series of online Technical Lectures were delivered on various topics.</p> <p>On 'Blue Hydrogen – Production, Costs, Benefits and Drawbacks' by Mr Subodh Sarin, Director, Process Economics Programme, S&P Global on 13.05.2023.</p> <p>On 'Solvent-based Recycle of Waste Plastics' by Mr Rajiv Narang, Executive Director, Process Economics Program, S&P Global on 13.05.2023.</p> <p>On Plastic Circularity with Focus on Advance Recycling' by Mr Rahul Bhutani, Director, Industry Process and Cost Analytics, S&P Global on 13.05.2023.</p> <p>On 'Revamping of Process Plant for Capacity Augmentation' by Dr Siddhartha Mukherjee, Technology Advisor, Air Liquid Global E&C Solutions India, on 15.05.2023.</p> <p>On 'Electrochemical Reactors Integrated into Biorefinary: Furfural Conversion to Various Platform Chemicals' by Prof S Basu, Professor (HAG), DChE, IIT Delhi, on 24.02.2024.</p> <p>On 'Manthan – Multistakeholder Collaboration Platform for Research and Innovation Aligned with Sustainable Development Goals & Emerging Technologies', delivered by Mr Rahul Kulshreshtha, Strategic Alliance Division, Office of Principal Scientific Adviser, GOI on 24.02.2024.</p> <p>On 'A Journey towards a Greener Tomorrow' by Prof Anil Verma, Professor, DChE, IIT Delhi on 28.04.2024.</p> <p>The 30th Lovraj Kumar Memorial Lecture was organized by Lovraj Kumar Memorial Trust in association with IChE-Northern Regional Centre on 12.12.2023. The lecture was delivered by Dr V K Saraswat, Hon'ble Member, NITI Aayog, GOI on the topic of 'Accelerating the Net Zero Transition with Project Management'.</p> <p>Award / Scholarships</p> <p>IChE-NRC instituted a new annual award for 'Best M.Tech / M.E. Thesis' for one student. The objective of the award is to motivate students and faculty for doing exemplary research work in M.Tech / M.E. for betterment and advancement of Society in general and Chemical Engineering in particular. The weightage would be given to industry-based research projects. This year, the award money of Rs.50,000/- and a certificate was given to Mr. Manthan Jharwal, Dept. of Chemical Engineering, IIT Delhi on 24.02.2024.</p> <p>Fifteen (15) B.Tech/B.E. and one M.Tech /M.E. students received scholarship on 24.02.2024.</p> |
| <p>Pune</p> | <p>Workshop</p> <p>Workshop, titled 'Process Safety Management, Added advantage with demo of AI tool for PSM', held on 07.06.2024.</p> <p>Student Chapter Activities</p> <p>Dr D Y Patil Institute of Engineering, Management & Research, Akurdi, Pune</p> <p>Lecture on 'Role of Chemical Engineering in Process Industry' on 27.07.2023</p> |

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| | <p>Lecture on 'Opportunities for Chemical Engineers for GATE' on 01.08.2023.</p> <p>Lecture on 'Entrepreneurship Opportunities for Chemical Engineers' on 15.10.2022.</p> <p>Workshop on 'UNISIM for Chemical Engineering' on 21.08.2023.</p> <p>Workshop on 'Flow Chemistry and Continuous Reaction' on 05.10.2023.</p> <p>MIT Academy of Engineering, Pune</p> <p>Workshop on 'Industrial Process Simulation' held on 17-31.07.2023.</p> <p>Lecture on 'Anti-solvent crystallization and population balance modeling for crystallization' by Ms Vaishnavi Honavar on 25.08.2023.</p> <p>Lecture on 'Application of Pinch Technology in Chemical Engineering' by Dr Parikshit Shahane on 15.09.2023.</p> <p>Vishwakarma Institute of Technology, Pune</p> <p>Lecture on 'Introduction to Pumps' presented on 20.08.2023.</p> <p>Workshop on 'AutoCAD' organized on 11.01.2024 - 12.01.2024.</p> <p>Workshop on 'Chem-O-Philia' organized on 12.03.2024.</p> <p>AISSMS College of Engineering, Pune</p> <p>Lecture on 'IPR-Story of Seven Sisters' delivered on 29.08.2023.</p> <p>Workshop on 'Empowering Engineers: Navigating Life after College with Confidence' held on 07.10.2023.</p> <p>Lecture on 'Technology can Gender Us!', held on 16.10.2023.</p> <p>National level Technical Event – 'Techfest-2024' held on 30.03.2024.</p> |
| <p>Trivandrum</p> | <p>Lectures:</p> <p>On 'Cold Plasma: Introduction and Applications' by Dr Suresh Kumar, A, Scientist, ISRO-VSSC, Trivandrum, on 02.12.2023.</p> <p>On 'Career Opportunities for Biotech and Biochemical Graduates in Academics, Research and Industry' by Dr K B Radhakrishnan, Professor, SCET, Trivandrum.</p> <p>On 'Creating an Order in Disorder: A lecture on Crystallization of Glass' by Dr Venkateswaran C, Scientist, ISRO-VSSC, Trivandrum, on 04.03.2024.</p> <p>Student Chapter Activities:</p> <p>Sree Chitra Thirunal College of Engineering, Trivandrum</p> <p>Bio-Connect Conference for valuable insights and learnings, networking opportunities, exposure to cutting-edge technologies organized on 26.05.2023.</p> <p>Workshop on 'Molecular Docking' organized on 01.06.2023.</p> <p>Technical talk on 'Phytopharmaceuticals: Bringing Traditional Wisdom and Modern Science in Herbal Drug Research' by Dr Kumaran, Principal Scientist, NIIST-CSIR, Trivandrum, presented on 18.10.2023.</p> <p>Mohandas College of Engineering and Technology, Nedumangad</p> <p>Technical talk presented on 'Cold Plasma – Introduction and Applications' by Dr Suresh Kumar A, Scientist, VSSC, Trivandrum on 02.12.2023.</p> <p>National conference on Bioinformatics and Biomimetics & Sustainability in Civil Engineering – Techsnod'24 organized on 24.01.2024 - 25.01.2024.</p> |

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| | <p>TKM College of Engineering, Kollam</p> <p>Workshop, titled, 'ChemExcel' conducted on 16.10.2023 - 17.10.2023.</p> |
| Vapi | <p>Seminar</p> <p>On 'Process Improvements in Multiphase Reactions & Reactors' and 'Advances in Waste Water Treatment' organized jointly with UDCT Alumni Association, Vapi on 23.03.2024.</p> |
| Waltair | <p>Lectures</p> <p>On Beneficiation of different Ores - Role of a Chemical Engineer, delivered by Dr Ch V G K Murthy, Sr. VP & Business Head, Adani Enterprises, on 10.08.2024.</p> <p>On 'Steel Making at Vizag steel plant' delivered by K V Siva Prasad, Retired DGM, RINL, Visakhapatnam, on 15.09.2023.</p> <p>On 'Process Optimization' by Prof G Pandurangayya, Emeritus Professor, National University of Singapore, from 04.10.2023 to 08.10.2023.</p> <p>On 'Energy Transition and Chemical Engineering' by Mr Lakshmi Narayana K, Shell Group of Companies, USA, on 13.10.2023.</p> <p>Student Chapter Activities Indian Institute of Petroleum and Energy, Visakhapatnam</p> <p>Techno cultural fest called 'ENEGRON' organized on 13.10.2023 and 'ATOMICA' on 01.03.2024.</p> <p>Gayatri Vidya Parishad College of Engineering, Visakhapatnam</p> <p>Technical Lecture on the topic, 'Flow Assurance' by Dr Nagu Darabonia, Associate Professor, University of Tulsa on 28.02.2024.</p> <p>Anil Neerukonda Institute of Technology and Sciences, Visakhapatnam</p> <p>Workshop on 'Artificial Intelligence for Chemical Engineers' on 29.12.2023 and 30.12.2023.</p> |
| <p>Madan Mohan Malaviya University of Technology, Gorakhpur Student Chapter</p> <p><i>(Unclassified: Does not come under any Regional Centre)</i></p> | <p>Expert talks:</p> <p>On 'Introduction on Electroplating Industry & How to Develop Basic Skills for Troubleshooting' by Mr Puru Pandit from MKS Atotech on 29.10.2023.</p> <p>On 'Turning Waste into Wealth: The Microbial Fuel Cell Revolution' by Dr Shiv Singh on 10.10.2023.</p> <p>On 'Hydrogen Energy Value Chain' by Dr Sanjay Danao on 07.11.2023.</p> <p>On 'Chemical Engineering in Process Industries' by Mr Ashish Kumar, Asia Pacific HSSE Advisor, Shell, on 02.12.2023.</p> <p>On 'Introduction to Chemical Engineering' by Mr Rahul Srivastava, Principal at Infosys Consulting, on 20.02.2024.</p> <p>Workshops:</p> <p>On 'Chemisch Graphy' on 05.01.2024 - 15.01.2024</p> <p>On 'Insight into Analytical Instruments for Research' on 29.01.24 to 02.02.2024.</p> <p>On 'Fundamentals of Simulation Tool in Design and Analysis of Chemical Engineering' from 03.03.2024 - 06.03.2024.</p> <p>On 'Tailoring Polymeric Membranes for Separation Applications', conducted by Dr Akshay Modi of IISER Bhopal on 16.03.2024.</p> |

6.0 Council Meeting Highlights

Major decisions taken at the meetings, held between 1 April 2023 and 31 March 2024, are presented below:

6.1 3rd meeting for 2023, held on 15 April 2023 at ICT, Mumbai

Administrative

SIRO Recognition

The Council noted that through an Email, dated 03.04.2023 from the Department of Scientific & Industrial Research (DSIR), Government of India, IChE has been officially intimated about renewal of its recognition as a Scientific and Industrial Organization (SIRO). The recognition will be valid up to 31.03.2026.

IChE-Training Institute

The newly setup IChE Training Institute held its first programme – a National Workshop on 'Biomedical Engineering', jointly with MAKAUT in Kolkata during March 13 -17, 2023.

Student Chapter Affairs

New Student Chapters

The Council approved formation of Student Chapters at the following engineering institutes:

- i. The Department of Biotechnology, Oxford College of Engineering, Bommanahalli, Bangalore under the guidance of the Bangalore Regional Centre, IChE.
- ii. The Department of Chemical Engineering, Hindusthan College of Engineering and Technology, Coimbatore under the guidance of the Coimbatore Regional Centre, IChE.
- iii. The Department of Chemical Engineering, HBTU, Kanpur under the guidance of Kanpur Regional Centre.

6.2 4th meeting for 2023, held at MSRIT, Bangalore on 24 June 2023.

Membership

Honorary Fellowship

The Council decided that henceforth all the outgoing Presidents would be elected as a Fellow of the Institute without requirement for any payment as a mark of honour to them for serving the Institute as President.

Awards

Prof. Venkateswara Rao Malapati & Smt. Anjani Devi Endowment Lecture

As proposed by Prof. M. V. Rao, the subject matter of the Endowment Lecture, namely, Professor Venkateswara Rao Malapati & Smt. Anjani Devi Endowment Lecture 2023 was finalized as 'Green Energy and Environment for Sustainable Development.' The prospective speaker would have to be one from academia or industry of chemical & allied engineering field. The Council decided that the speaker would be awarded with an honorarium of Rs. 15,000/- plus a plaque/medal and certificate (out of the available interest of Rs.18,000/-).

Professor G. D. Yadav and Dr. (Mrs.) Vasanti G. Yadav Award

With regard to Professor G. D. Yadav and Dr.(Mrs.) Vasanti G. Yadav Award for the Most Versatile Chemical Engineering/ Technology Students in India, the principal endowment value has been raised to Rs 5.0 Lakh following an additional infusion of Rs. 2,80,000/- by Prof. G. D. Yadav. Accordingly, the Council decided that henceforth the awardee would be awarded an amount of Rs. 6,000/- plus a plaque/medal and certificate (each awardee) out of the total interest of Rs. 18,000/-. So far, two prizes (Best Male & Female) were given with an award money of Rs. 5,000/- to each candidate along with a Certificate.

Organisational Membership

The Council approved Life Organizational Membership of Amrita School of Engineering, Coimbatore Campus, Tamil Nadu.

IChE-Training Institute

The Council approved in principle signing of MoUs with academic institutions and R&D Organization for imparting internship training.

Student Chapter Affairs

New Student Chapters

The Council approved the formation of Student Chapter at the Department of Chemical Engineering of R. N. G. Patel Institute of Technology, Bardili under the guidance of Ankleshwar Regional Centre.

6.3 5th meeting for 2023, held at Kongu Engineering College, Tamil Nadu on 22 September 2023

Administrative

Update of Online Voting Process

In order to maintain transparency in the online voting process for the Council election, the following steps were decided to be made effective:

- Complete update of Voter List will be undertaken before the nomination process starts, i.e., latest by 30 April

every year. Special drive for the voter list updating will be taken from 1 March to 30 April every year by the HQ office.

- Each year, no voter list updating will be undertaken after 30 April till the election is over. However, information received during this period for the purpose of updating will be noted in the database, which will be available in the Voters' list from the next year onwards.
- The HQ office employees will have no access to the Admin Panel. The election process will be managed by the service provider under the supervision of the Returning Officer (RO) only. The RO will have the power to engage additional external manpower if required on a case-to-case basis.
- Any reply to the voters will be given by the service provider only as "Team Election" by using a dedicated Email ID, approved by the RO.
- The HQ office employees will not be involved in the election campaign and / or nomination process. The Council will take appropriate punitive measure in case of any violation of this instruction.

Indorama Dhunseri CDS Award

With regard to the IVL Dhunseri Petrochem Industries Ltd., the Council accepted the proposal of Mr. Biswanath Chattopadhyay, Chief Executive Officer, IVL Dhunseri for a provision of an honorarium of Rs. 20,000/- along with a Silver Medal to the recipient of Indorama Dhunseri Chemcon Distinguished Speaker Award. The award has an endowment contribution of Rs. 5.0 lakh.

New Regional Centre

The Council approved the formation of the Calicut Regional Centre at Department of Chemical Engineering, NIT, Calicut.

Membership

Fellowship

As per the recommendation of the Fellowship Committee, the Council decided to award Fellowship to Dr. Tamal Banerjee (LM- 26483).

Fellowship Fees

The Council decided that henceforth the fees of Fellowship for eligible members/non-members will be a consolidated amount of Rs. 10,000/- plus applicable GST.

Organizational Membership

The Council approved the Life Organizational Membership of the following organizations:

FEED CHEM (India) Pvt. Ltd., Rajkot, Gujarat

Vellore Institute of Technology, Vellore, Tamil Nadu.

MIT Academy of Engineering, Alandi, Pune

6.4 6th meeting for 2023 held at Heritage Institute of Technology, Kolkata on 26 December 2023.

Membership

Fellowship

As per the recommendation of the Honorary Fellowship Committee, the Council decided to award Fellowship to the following members and non-members:

Dr. Bharat Apparao Bhanvase (LM-38183), Dr. Vaibhav Vasant Goud (LM-29405), Dr. V Ramanarayanan (non-member), Dr. Sarma V Pisupati (non-member), Dr. Ranjan Sen (LM-05527), Dr. Nitai Basak (LM-277333), Dr Hiralal Pramanik (LM-21879), Dr. Kailas L Wasewar (LM- 31336), Dr. Ashish N Sawarkar (LM-39785), Dr. Amar Mohanty (LM-73558), Dr. Manjusri Misra (LM-73559), Dr Gaurav Manik (non-member), Dr. Soma Das (non-member) and Dr. Gopal Ghosh Roy (non-member).

6.5 1st meeting for 2024, held at Heritage Institute of Technology, Kolkata on 28 December 2024.

Election of President

Mr. Sunil Indulal Thakar was elected President of the Institute for the year 2024.

Election of two Vice-Presidents

Mr. S. S. Pokale and Smt. Sheela were elected as Vice-Presidents of the Institute for the year 2024.

Election of Other Office Bearers

For the year 2024, the members elected Prof. Sunil Baran Kuila as the Honorary Secretary of the Institute, Prof. R. Saravanan as the Honorary Jt. Secretary; Prof. N. Balasubramanian as the Honorary Treasurer; Mr. Dhawal Saxena as the Honorary Registrar and Dr. Utkarsh Maheswari 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 2024.

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 2024.

6.6 .2nd Meeting for 2024, held at Muzaffarpur Institute of Technology, Muzaffarpur on 24 February 2024

Co-option of Member/s to the Council

Proposed by Mr. Dhawal Saxena and seconded by Mr. S.S. Pokale, the Council unanimously approved co-option of Prof. G. D. Yadav to the Council for 2024.

Formation of Committees

As authorised by the Council, the President and Honorary Secretary selected the following as the Convener, Chairman and Members of the respective 16 Standing Committees and three other committees.

Standing Committees 2024

| Name of the Committees | Members |
|-------------------------------|---|
| Admission Committee | Prof. R. Saravanan (Chairman) Mr. Dhawal Saxena (Convener) Prof. V.S. Sapkal Prof. Madhu Agarwal Mr. Sashikant Pokale |
| Publication Committee | Mr. Shyam Bang (Chairperson) Prof. Anil Verma (Convener) Prof. S. K. Gupta Prof. Prabirkumar Saha Prof. Utkarsh Maheshwari Prof. Sudip Pattanayak Prof. Dhananjay Singh Prof. Manoj Kumar Ramtekei (Invitee) |
| Examination Committee | Prof. Ajay Bansal (Chairman) Dr. Utkarsh Maheshwari (Convener) Prof. Parag R. Gogate Prof. Madhu Agarwal Prof. M. Rajasimman |
| Finance Committee | Prof. M. S. Rao (Chairman) Prof. N. Balasubramanian (Convener) Mr. D. M. Butala Prof. M.K.Jha Prof. S.B.Kuila Mr. Snehal Tralsawala Prof. M.V.Rao Mr. S.I. Thakar (Invitee) |

| | |
|--|--|
| Internal Audit Committee | Prof. A.K. Saroha (Chairman) Prof. N. Balasubramanian (Convener) Prof. Asit Kr. Saha Prof. P. De Prof. M. V. Rao Mr. Debashis Ghosh Prof. Ananta das (Invitee) |
| Legal Committee | Mr. D. M. Butala (Chairman) Prof. S.B.Kuila (Convener) Mr. Debashis Ghosh Prof. Vinay K Srivastava Prof. Chiranjib Bhattacharya Prof. M S Rao Mr. Kalyan Basu Mr. Dhawal Saxena (Invitee) Prof. N. Balasubramanian (Invitee) Dr. Avijit Ghosh (Invitee) |
| Regional Centre Affairs Committee | Prof. K. S. Rajanandam (Chairman) Mr. Shashikant Pokale (Convener) Mr. Dhawal Saxena Prof. Gourav Ratan Mr. C. P. Srivastava (NRC) Dr. Koteswara Rao J (Bangalore RC) Prof. M. V. Rao (Amravati RC) |
| Awards/Judges Committee | Mr. S.I. Thakar (Chairman) Prof. S.B.Kuila (Convener) Prof. G. D. Yadav Prof. B.B. Paira Prof. P. De Prof. Anil K. Saroha Mr. D. M. Butala Prof. M S Rao (Invitee) Prof. Parag Gogate (Invitee) |
| Building Committee | Prof. N. Balasubramanian (Chairman) Prof. S. B. Kuila (Convener) |

| | |
|---|---|
| | <p>Mr. Debashis Ghosh</p> <p>Prof. Chiranjib Bhattacharjee</p> <p>Prof. Asit Kumar Saha</p> <p>Mr. Sisir Chakraborty</p> <p>Prof. M S Rao</p> |
| Education, Training and Research & Development Committee | <p>Prof. C. Karthikeyan (Chairman)</p> <p>Prof. S.B.Kuila (Convener)</p> <p>Mr. Dhawal Saxena</p> <p>Prof. R. Parthiban</p> <p>Mr. Joy Shah</p> <p>Dr. Biswajit Mandal (HIT-Haldia)</p> <p>Prof. Parag Gogate</p> |
| International Relations Committee | <p>Mr. S.I. Thakar (Chairman)</p> <p>Prof. M. K. Jha (Convener)</p> <p>Prof. Ajay Dalai</p> <p>Prof. K. K. Pant</p> <p>President, RC Vice president and Honorary Secretary are ex-officio members</p> |
| Library, Documentation and Website Committee | <p>Prof. Bishnupada Mandal (Chairman)</p> <p>Prof. M. S. Rao (Convener)</p> <p>Mr. Kalyan Basu</p> <p>Dr. Sanjib Barman</p> <p>Dr. Utkarsh Maheswari</p> <p>Mr. Tapatanay Pal</p> |
| Student Chapter Affairs Committee | <p>Prof. C. Karthikeyan (Chairperson)</p> <p>Smt. Sheela (Convener)</p> <p>Prof. G. M. J. Raju</p> <p>Prof. K Badrinarayana</p> <p>Prof. Gaurav Rattan</p> <p>Dr. N. Meyyappan (SVCE) (invitee)</p> <p>Dr. K. Sivagami (VIT) (invitee)</p> <p>Dr. D. Balaji (SSNCE) (invitee)</p> |
| Honorary Fellowship Committee | <p>Mr. S.I. Thakar (Chairman)</p> <p>Prof. S.B.Kuila (Convener)</p> <p>Prof. G. D. Yadav</p> |

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|---|--|
| | <p>Mr. D.M.Butala</p> <p>Prof. P. De</p> <p>Prof. Vinay K Srivastava</p> <p>Prof. M. K. Jha</p> |
| Chemcon Distinguished Speaker | <p>Mr. S.I. Thakar (Chairman)</p> <p>Prof. S.B.Kuila (Convenor)</p> <p>Prof. G. D. Yadav</p> <p>Mr. Biswanath Chattopadhyay</p> <p>Prof. Ajay Bansal</p> <p>Prof. Suddhasatwa Basu</p> |
| Process Safety, Environment & Energy Group | <p>Mr. D. M. Butala (Chairman)</p> <p>Dr. T. L. Prasad Gupta (Convenor)</p> <p>Mr. Vijay bhujle</p> <p>Mr. Jay M Shah</p> <p>Mr. R.M.P. Madhusudan</p> |

Other Committees

| | |
|---|---|
| Headquarters Office Administrative Committee | <p>Prof. B. B. Paira (Chairman)</p> <p>Prof. S.B. Kuila (Convener)</p> <p>Prof. K. S. Rajanandam</p> <p>Mr. D.M. Butala</p> <p>Prof. Bishnupada Mondal</p> <p>Dr. Avijit Ghosh</p> <p>Mr. Debashis Ghosh</p> |
| Chemcon & Schemcon Protocol Committee | <p>S.I. Thakar (Chairman)</p> <p>Prof. M.S.Rao (Convener)</p> <p>Prof. A K Saroha</p> <p>Prof. M.K. Jha</p> <p>Prof. S. V. Satyanarayana</p> <p>Prof. Ajay Bansal</p> <p>Prof. M.S.Bala</p> |
| Industry Institute Interaction Committee | <p>Mr. Biswanath Chattopadhyay (Chairperson)</p> <p>Mr. Debashis Ghosh (Convener)</p> <p>Smt. Sheela</p> <p>Mr. Shashikant Pokale</p> <p>Mr. Dhawal Saxena</p> <p>Prof. V. V. Basavarao</p> <p>Mr. S. I. Thakar (Invited)</p> |

Administrative

IChE-Industry Relation

The Council decided to take proactive steps to implement several strategies, put forward by members and President. The following initiatives were considered:

- Organizing regular forums, conferences, and seminars by the Regional Centre and Student Chapter to bring together IChE members and industry professionals. These events would serve as platforms for networking, sharing insights, and discussing the latest developments in the field.
- Encouraging joint publications and research papers, co-authored by IChE members and industry experts, not only for expanding the academic knowledge base but also for strengthening academia-industry bond.
- Move by the Regional Centres for establishing associations with two (02) industries for SCHEMCON and five (05) industries for CHEMCON from their respective zones.

In this context, the Council sanctioned a budget of Rs. 3.5 Crore for acquisition of land for the IChE Headquarters in two metropolitan cities, namely, Kolkata and Mumbai, for carrying out its R&D & TI activities. Of this amount, Rs. 1 crore was earmarked for Kolkata while Rs. 2.5 Crore was allocated for the Mumbai location.

IChE-Training Institute

The BOD of IChE-Training Institute, in its January 2024 meeting, had outlined certain specific areas on which the Training Institute would focus its activities, such as, organisation of annual IChE-Industry Conclave, Dedicated R&D lab at the HQ office, MoU between IChE Training Institute and Industry/Academia, Conduct of regular FDPs (Faculty Development Programmes) across the country, Conduct of OIP program and Providing Certificates of Recognition / Appreciation to MSMEs.

In this Council Meeting, Prof. M.K.Jha, Director-General, IChE-Training Institute, elaborated on these points. While appreciating the proposition, the Council requested Prof. Jha to prioritize the following areas:

- Land acquisition for establishing the dedicated R&D lab
- Commencement of the IChE-Industry Conclave
- Creation of a dedicated website and separate email IDs
- Commencement of the FDP program on a test basis

Membership

Honorary Fellow / Fellow

As per the standing practice, the Council elected Prof. A. K. Saroha, President (2023) as a Fellow of the Institute.

Regional Centre / Student Chapter Affairs

New Regional Centre

The Council approved formation of a new Regional Centre at Vellore, which will be based at Vellore Institute of Technology, VIT University, Vellore.

New Student Chapter

The Council approved the formation of a new Student Chapter at the Department of Chemical Engineering, Chandigarh University, Chandigarh.

7.0 Institute's Representatives to Various Bodies

- 1) **Asia Pacific Confederation of Chemical Engineering:** President, IChE
- 2) **Engineering Council of India :** Mr. S.I. Thakar 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 2024 is given below along with the corresponding figures on March 31, 2023.

| Categories | March 31,'24 | March 31,'23 |
|--------------------------------|--------------|--------------|
| Organisational Member (Life) | 111 | 107 |
| Organisational Member (Annual) | 62 | 62 |
| Honorary Fellow | 112 | 113 |
| Fellow (Life) | 204 | 136 |
| Fellow | 22 | 22 |
| Member (Life) | 6034 | 5913 |
| Member | 740 | 745 |
| Life Associate Member | 3363 | 3338 |
| Associate Member | 914 | 917 |
| Student Member | 27073 | 24267 |

The number of Corporate Members, attached to each of the Regional Centres (as on March 31, 2024) are as follows:

| SI. No | Regional Centre | No. of Members |
|--------|-----------------|----------------|
| 1 | Ahmedabad | 217 |
| 2. | Amaravati | 105 |
| 3. | Amethi | 25 |
| 4. | Ankleshwar | 535 |
| 5. | Annamalai | 85 |
| 6. | Bangalore | 213 |
| 7. | Baroda | 411 |
| 8. | Bhopal | 38 |
| 9. | Bhubaneswar | 172 |
| 10. | Calcutta | 724 |
| 11. | Chandigarh | 114 |
| 12. | Chennai | 533 |
| 13. | Coimbatore | 150 |
| 14. | Damanjodi | 58 |
| 15. | Dehradun | 46 |
| 16. | Dhanbad | 43 |
| 17. | Doaba | 51 |
| 18. | Durgapur | 30 |
| 19. | Goa | 15 |
| 20. | Guwahati | 139 |
| 21. | Haldia | 165 |
| 22. | Hyderabad | 524 |
| 23. | Jaipur | 89 |
| 24. | Kalpakkam | 95 |
| 25. | Kanpur | 116 |
| 26. | Kharagpur | 99 |
| 27. | Kochi | 318 |
| 28. | Kozhikode | 34 |
| 29. | Lote | 51 |
| 30. | Lucknow | 53 |
| 31. | Mangalore | 81 |

| | | |
|-----|-------------|-----|
| 32. | Mumbai | 939 |
| 33. | Nadiad | 32 |
| 34. | Nagpur | 105 |
| 35. | Northern | 500 |
| 36. | Paradeep | 44 |
| 37. | Patna | 66 |
| 38. | Pilani | 31 |
| 39. | Pondicherry | 33 |
| 40. | Pune | 264 |
| 41. | Roorkee | 28 |
| 42. | Rourkela | 51 |
| 43. | Sriharikota | 31 |
| 44. | Srinagar | 21 |
| 45. | Trivandrum | 161 |
| 46. | Vapi | 63 |
| 47. | Vellore | 20 |
| 48. | Waltair | 245 |

The following organizations were admitted as Organizational Members of the Institute upto March 31, 2024:

| Life Organisational Members – Industry | |
|--|---|
| 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 |

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|----|--|
| 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 Sudeutschland Ltd., Mumbai |
| 47 | United Phosphorus Ltd., |
| 48 | Vical Inc., USA |

| Life Organisational Members – Research & Educational Institutes | |
|--|---|
| 1 | Advanced Centre for Energetic Materials (ACEM) 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, 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, Bhavnagar |
| 12 | Chaitanya Bharathi Institute of Technology, Hyderabad |
| 13 | Dibrugarh University Institute of Engineering and Technology, Dibrugarh |
| 14 | Dr. B. R. Ambedkar National Institute of 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 Technologies, Nuzvid |
| 21 | Indira Gandhi Centre for Atomic Research, Kalpakkam, Tamil Nadu |
| 22 | Indian Institute of Chemical Technology, Hyderabad |
| 23 | Indian Institute of Petroleum & Energy, Visakhapatnam |
| 24 | Indian Institute of Science Education and Research, Bhopal |
| 25 | Indian Institute of Technology, Guwahati |
| 26 | Indian Institute of Technology, Kharagpur |
| 27 | Indore Institute of Science and Technology, Indore |

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| 28 | Institute of Chemical Technology, Mumbai |
| 29 | JNTUA College of Engineering, Anantapur |
| 30 | KLE DR. M. S. Sheshgiri College of Engineering & Technology, Belgaum |
| 31 | Mahatma Gandhi Mission's College of Engineering & 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, Allahabad, (Prayagraj) |
| 38 | Nandha Engineering College, Erode |
| 39 | National Chemical Laboratory, Pune |
| 40 | National Institute of Technology, Tiruchirapalli |
| 41 | National Institute of Technology, Durgapur |
| 42 | National Productivity Council, Chennai |
| 43 | Nuclear Fuel Complex, Hyderabad |
| 44 | Rajiv Gandhi Institute of Petroleum Technology, Jais, Amethi |
| 45 | SSBT's College of Engineering & Technology, Jalgaon, Maharashtra |
| 46 | Sant Longowal Institute of Engineering & Technology, Longowal, Punjab |
| 47 | Sarvajanik College of Engineering & Technology, Surat |
| 48 | Sathyabhama Engineering College, Chennai |
| 49 | Saveetha Engineering College, Chennai |
| 50 | Shivaji University, Vidyanagar, Maharashtra |
| 51 | Guru Gobind Singhji Institute of Engineering & Technology, Nanded, Maharashtra |
| 52 | RVR & JC College of Engineering, Guntur |
| 53 | Regional Research Laboratory, Jorhat |
| 54 | St. Joseph's College of Engineering, Chennai |
| 55 | SSN College of Engineering, Tamil Nadu |
| 56 | Sri Venkateswara College of Engineering, Sriperumbudur, Tamil Nadu |

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| 57 | Swami Ramananda Tirtha Institute, Nalgonda |
| 58 | Vellore Institute of Technology, Vellore |
| 59 | Vikram Sarabhai Space Centre, Thiruvananthapuram |
| 60 | University College of Technology Osmania University, Hyderabad |
| 61 | University Institute of Chemical Technology, North Maharashtra University, Jalgaon |
| 62 | Sir Visvesaraya Institute of Technology, Nasik |
| 63 | 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 |

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| 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 |
| 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 |

9.0 Associate Membership Examination

The number of candidates who appeared at the Institute's Associate Membership Examination during the last 10 years is provided below:

| Year | No. of Candidates |
|------|-----------------------------------|
| 2014 | 1872 |
| 2015 | 1427 |
| 2016 | 1206 |
| 2017 | 1083 |
| 2018 | 843 |
| 2019 | 564 |
| 2020 | 214 (only for March Semester) |
| 2021 | 158 (only for September Semester) |
| 2022 | 300 |
| 2023 | 195 |

The number of candidates who appeared at the final part (Part III) of the Institute's Associate Membership Examination since 2014 is as follows. However, due to the pandemic, no examinations were conducted in 2021.

| Year | Semester | No. Appeared | No. Passed | % of successful candidates |
|------|-----------|--------------|------------|----------------------------|
| 2014 | March | 48 | 46 | 95.83 |
| | September | 44 | 39 | 88.63 |
| 2015 | March | 54 | 50 | 92.59 |
| | September | 30 | 25 | 83.33 |

| | | | | |
|------|-----------|----|----|-------|
| 2016 | March | 62 | 58 | 93.55 |
| | September | 36 | 31 | 86.11 |
| 2017 | March | 31 | 28 | 90.03 |
| | September | 22 | 19 | 86.04 |
| 2018 | March | 47 | 43 | 91.48 |
| | September | 47 | 44 | 93.62 |
| 2019 | March | 26 | 25 | 96.15 |
| | September | 26 | 26 | 100.0 |
| 2020 | March | 24 | 23 | 95.83 |
| | September | 17 | 17 | 100 |
| 2021 | March | - | - | - |
| | September | - | - | - |
| 2022 | March | 54 | 50 | 92.59 |
| | September | 15 | 15 | 100 |
| 2023 | March | 9 | 8 | 88.88 |
| | September | 15 | 14 | 03.33 |

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

September 2023 Associate Membership Examination

The following 14 candidates came out successfully out of 15 candidates who appeared in the September 2023 examination:

| Sl. No | Name | Roll No |
|--------|------------------------------|------------|
| 1 | Rajesh Kumar Tiwari | 09/S9/364 |
| 2 | Puneet Tanwar | 10/M10/249 |
| 3 | Shaik Mustaf | 11/M11/116 |
| 4 | Dhiren Bhagwandas Polishwala | 11/S11/337 |
| 5 | Vipul Saxena | 12/S12/340 |
| 6 | Ajeet Kushwaha | 13/M13/47 |
| 7 | Kiran Pal Singh | 13/M13/97 |
| 8 | Pushendra Singh | 13/M13/212 |
| 9 | Sarita | 17/S17/126 |
| 10 | Gohil Darshansinh Pahadsinh | 18/M18/8 |
| 11 | Kayasth Hitesh Kishorbhai | 20/M20/5 |
| 12 | Gohil Chiragkumar Ishwarbhai | 20/M20/11 |
| 13 | Vinayak Tripathi | 21/M21/9 |
| 14 | Prajapati Bhargav Narpatbhai | 22/M22/35 |

March 2024 Associate Membership Examination

The following 7 candidates came out successfully in the March 2024 examination :

| Sl. No | Name | Roll No |
|--------|----------------------------|-----------|
| 1 | Joshi Jaykumar Akshaykumar | 18/M18/24 |
| 2 | Kunuru Jaya Venkatesh | 22/M22/8 |
| 3 | Kolli Surya Chandra | 22/M22/10 |
| 4 | Waltair Murali Krishna | 22/M22/22 |
| 5 | Pawar Nikhil Bharat | 22/M22/41 |
| 6 | Subbiah S | 22/M22/43 |
| 7 | Vikash Kumar | 03/S3/288 |

10.0 IChE Awards 2023

Following is the list of IChE Awards and the awardees. The awards were presented in recognition of eminence and excellence in various spheres of chemical engineering profession and education on the occasion of CHEMCON 2023.

IChE Awards List - 2023

| Sl. No. | Name of the Awards / Lecture | Awardees of the Year |
|---------|--|--|
| 1. | Dr.B.P.Godrej Life Time Achivement Award | Prof. B B Paira Advisor, MAKAUT |
| 2. | IChE-CHEMCON Platinum Jubilee Award 2023 | Dr. C. V. Ananda Bose Hon'ble Governor of West Bengal Prof. M M Sharma Emeritus Professor of Eminence Prof. G D Yadav Past President, IChE & Former VC, ICT, Mumbai Mr. Samir Somaiya Chairman & Managing Director Godavari Biorefineries Limited |

| | | |
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| | | Mr. Subhasendu Chatterjee Vice Chairman Haldia Petrochemicals Limited |
| 3. | Shri Dhirubhai Ambani Orator & Chair Award | Padmashri Professor G D Yadav Former VC, ICT Mumbai |
| 4. | Lala Shriram National Award for Leadership in Chemical Industry | Mr. Ashok R Boob MD, CST Ltd. |
| 5. | Herdillia Award For Excellence in Basic Research in Chemical Engineering | Prof. Prakash D Vaidya ICT, Mumbai |
| 6. | NOCIL Award for Excellence in Design and Development of Process Plant and Equipment | Ms. Sutanwi Lahiri BARC, Trombay |
| 7. | ICI India Ltd Award for Excellence in Process or Product Development | Dr. Palash Kumar Mollick BARC, Trombay |
| 8. | Amar Dye-Chem Award For Excellence in Research and Development for Chemical Engineering below the age of 35 years | Dr. Ananth Govind Rajan IISc. Bangalore |
| 9. | 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 | Dr. Madhu Agarwal MANIT, Jaipur |
| 10. | Lupin Industrues Best Chemical Engineering Teacher Award for the Faculties in Private Colleges below the age of 50 years | Dr. Manisha Vitthal Bagal BVCE |
| 11. | Jubilant Award for Outstanding Work in the area of Green Technology | Dr. S Sridhar CSIR-IICT, Hyderabad |
| 12. | Prof Ashutosh Sharma Award for Best Research Paper Published in a National/ International Journal by a Undergraduate Chemical Engineering Student (Male) | Mr Vikram Vinayak Shanbhag ICT, Mumbai |
| 13. | Prof Shyamal Kanti Sanyal Memorial Award for the best PhD Thesis in the Area of Membranes Research with Significant Commercial Potential | Dr. Himanshu Pradeep Kohli RNGPIT, Gujarat |
| 14. | Padmashri Professor G D Yadav and Dr (Mrs) Vasanti G Yadav Awards for the Most Versatile Chemical Engineering/Technology Students in India (2 prizes – Best Male & Female) | Mr. Jitendra Choudhary (Dr Chakma) IISER, Bhopal |
| 15. | RPG Life Sciences Padma Vibhushan Prof M M Sharma Medal and Chemcon Distinguished Speaker Award | Prof. Ganapathy Ayappa IISc Bangalore |

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| 16. | Asian Paints Padma Bibhushan Dr R A Mashelkar Medal and Chemcon Distinguished Speaker Award | Prof. Ajayan Vinu Director, School of Engineering The University of Newcastle,Australia |
| 17. | Deepak Group's Padma Bhushan Prof L K Doraiswamy Chemcon Distinguished Speaker Award | Prof. Sanjay M. Mahajani IIT Bombay |
| 18. | Hetero Drugs Prof G S Laddha Chemcon Distinguished Speaker Award | Dr. Sandip Lahiri President, IIC, NIT Durgapur |
| 19. | Chemical Weekly's Padmashri Dr G P Kane Chemcon Distinguished Speaker Award | Shri. Arvind Kumar MD, CPCL |
| 20. | CSIR-IICT-Avon's Padmashri Dr G S Sidhu Chemcon Distinguished Speaker Award | Mr. S Bharathan Director (Refineries) HPCL |
| 21. | Sartorius India's Chemcon Distinguished Speaker Award | Mr. Alok Sharma ED, CHD |
| 22. | UPL Smt Sandra R Shroff Chemcon Distinguished Speaker Award | Mr. Atul Mulay President and Strategic Business Unit Head, Praj Industries |
| 23. | Hikal's Chemcon Distinguished Speaker Award | Mr. Pankaj Kumar Director (Production), ONGC |
| 24. | CSIR-CSMCRI Chemcon Distinguished Speaker Award | Mr. Bhaskar Jyoti Phukan Managing Director Numaligarh Refinery Limited |
| 25. | CSIR-CLRI Padmabhushan Dr Y Nayudamma Chemcon Distinguished Speaker Award | Mr. Arup Jhampri CEO, ONGC Petro additions Limited |
| 26. | DOST Professor S K Sharma Medal and Chemcon Distinguished Speaker Award | Dr. Biswajit Roy DG, GERMI |
| 27. | CSIR-NEERI CHEMCON Distinguished Speaker Award | Prof. Aniruddha B. Pandit Vice Chancellor, ICT Mumbai |
| 28. | Alkyl Amins Padma Bhushan Prof B D Tilak Chemcon Distinguished Speaker Award | Mr. Parthasarathi Chatterjee EVP & Head of Offshore, L&T Energy and Hydro Carbon |
| 29. | Indorama Dhunseri Chemcon Distinguished Speaker Award | Mr. Biswanath Chattopadhyay CEO, Dhunseri Petrochem Ltd., Kolkata |
| 30. | Prof A Suryanarayana and Mrs Vanajakshi Award for the Best Author / (s) of Chemical Engg Book and/or Book Chapter | Prof. Chandan Das , IIT Guwahati & Dr. Sujoy Bose , IICHe HQ |
| 31. | Heritage Institute of Technology Award for Innovative Research and Sustainable Process Development | Prof. Shishir Sinha Director General, CIPET, Govt. of India and Professor, IIT Roorkee |

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| 32. | Professor Venkateswara Rao & Smt. Anjani Devi Malapati Endowment Lecture Award on “Green Energy & Environment for Sustainable Development” | Prof. G. D. Yadav Past President, IICChE and Former VC, ICT Mumbai |
| 33. | Shah-Schulman Award ‘for the best Ph.D. thesis in the area of Colloid and Interface Science’ for 2022 | 1. Dr. Palash Dhara , IIT Kharagpur Guide: Prof. Rabibrata Mukherjee, IIT Kgp Jointly with 2. Dr. Ranajit Mondal , IIT Bombay Guide: Prof. Madivala G. Basavaraj, IIT Madras |
| 34. | Dr A V Rama Rao Fndn Best Ph D Thesis and Research Award | Dr. Debiparna De CSIR-IICT, Hyderabad and Guide: Dr. B. Satyavathi Chief Scientist, CSIR-IICT, Hyderabad |
| 35. | 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 st Prize Mr. Animesh Chaturvedi ICT, Mumbai 2 nd Prize Mr. Jitendra Choudhary (Dr Chakma) IISER, Bhopal |
| 36. | Chemical Weekly Award for the Best Paper Published in the Institute’s Journal (ICE-2022) | 1) Dr Kuldeep Singh , HPU Shimla 2) Dr Suvarcha Chauhan , HPU Shimla |
| 37. | IICChE NRC Award Best Paper in “Indian Chemical Engineer” 2022 | 1) Dr Abha Sahu 2) Dr Nilesh Vijay Rane 3) Dr Badal G Lodaya 4) Prof Aniruddha B Pandit , ICT, Mum |
| 38. | The Kuloor Memorial Award to the best technical paper published in the journal of the Institute in the issues of the preceding year | 1) Dr Achyut Pakhare , ICT Mumbai 2) Dr Channamallikarjun Mathpati , ICT 3) Dr Vishwanath H Dalvi , ICT Mumbai 4) Dr Jyeshtharaj Joshi , ICT, Mumbai 5) Dr Raosaheb Patil , TSIPL, Nashik 6) Dr Ekambara Kalekudithi , TSIPL |
| 39. | IICChE NRC Award 2 nd Best Paper in “Indian Chemical Engineer” 2022 | 1) Dr Sourav Poddar , NIT Tiruchirapally 2) Dr J N Ullas Krishnan , NIT Trichy 3) Dr J Sarat Chandra Babu , NIT Trichy |
| 40. | 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 | 1) Dr Deeksha Matthew , NIT Mangalore 2) Dr Vidya Shetty K , NIT Mangalore Jointly with 3) Dr Virendra K Rathod , ICT Mumbai 4) Dr Keerthiga G , ICT Mumbai 5) Dr Neha N Gharat , ICT Mumbai |
| 41. | IICChE NRC Award 3 rd Best Paper in “Indian Chemical Engineer” 2022 | 1) Dr Friedrich Y Lee , UTA, USA 2) Dr Michael Baldea , UTA, USA 3) Dr Thomas F Edgar , KNU, Korea 4) Dr Jietae Lee , KNU, Korea |
| 42. | Mrs.Chinnamaul Mem. Prize for Best Tech Paper presented in preceding year CHEMCON | 1) Dr D.Venkata Padma , MVGRCE(A) 2) Dr S V.A.R.Sastry , HBTU Kanpur 3) Dr S.Kishore Kumar , AUCE Visag |

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|-----|---|--|
| 43. | Kishore K Das Memorial Prize for Best Home Paper in Associate Membership Examination | AMIChE September 2022 Mr Adarsh Kumar Soni AMIChE March 2023 Mr P Narasinga Rao |
| 44. | N R Nandi Memorial Prize for securing highest marks in Associate Membership Examination | Mr Dharmendra Kumar Panday |
| 45. | The Late Lakshmi Nandakumar Award for a Lady Student for the Best Presentation in the SCHEMCON of the Year | Ms. Spandana Mentha MSRIT Bangalore |
| 46. | Gouri Dutta Award for the Best Paper Presentation in SCHEMCON of the Year | Mr Deep Laha NIT Durgapur |
| 47. | Ambuja's Young Researcher's Awards for doing Post-Graduate Studies in India after GATE Examination (Ten Prizes) | 1. Mr Dharmesh J Machhi , SVNIT 2. Mr Aman Kumar Kesari , IICT, Hyd 3. Mr Bharat Rengarajan , ICT, Mum 4. Ms Anushka Aggarwal , ICT, Mum 5. Mr Yashkumar Thakorbhai Patel , ICT, Mumbai 6. Mr Abhishek Kumar , IIT Guwahati 7. Mr Adarsh Kumar A Sahu , IITG 8. Ms Shankhari Swaminathan , IITG |
| 48. | Ambuja's Best Student Chapter Award (2 Prizes) | <u>1st Prize</u> IChE Student Chapter Sri Venkateswara College of Engineering, Sriperumbudur, Chennai <u>2nd Prize</u> IChE Student Chapter Vellore Institute of Technology, Vellore |
| 49. | Pidilite's Best Student Chapter Award | IChE Student Chapter SSN College of Engineering, Chennai |
| 50. | Prof.P.Sen Gupta Award for Best Employee of the Year | Mr Sumon Das IChE HQ |
| 51. | M P Chary Memorial Award | Dr. Baby Salini J R IIT Madras |
| 52. | Best Regional Centre Trophy | Category "A" Best Northern Regional Centre, IChE Category "B" Best Bangalore Regional Centre, IChE Category "B" Second Best Amaravati Regional Centre, IChE |

11.0 Students' CHEMCON 2023

The 19th Annual Session of Students' Chemical Engineering Congress (SCHEMCON 2023) was organized by the Student Chapter at the Department of Chemical Engineering, Kongu Engineering College, Perundurai (Tamil Nadu) under the aegis of the Coimbatore Regional Centre of IChE on 22 and 23 September 2023.

The program started with a grand inaugural programme in the presence of the Chief Guest, Mr. Arvind Kumar, Managing Director, Chennai Petroleum Corporation Limited, Chennai; Guest of Honour Prof. S.K. Sinha, Director, Rajiv Gandhi Institute of Petroleum Technology, Jais, Rae Bareilly; the Chief Patron of the programme, Padma Shri Prof. G.D. Yadav, former Vice Chairman, ICT Mumbai, Patron of the conference, Thiru.A.K. Ilango, Correspondent, Kongu Engineering College; Dr. V. Balusamy, Principal Kongu Engineering College; Prof. Anil K. Saroha, IChE President; Dr. Avijit Ghosh, Honorary Secretary, IChE and Dr. T. Kannadasan, Chairman, Coimbatore RC; Prof. M. Chidambaram, and Prof. V. Sangeetha, Head, Department of Chemical Engineering. SCHEMCON 2023 was coordinated by Prof. K. Kannan, Chairman, Dr. S. Mothil, the Secretary of the Organizing Committee and Dr. Vivek Joe Bharath, Joint-Organizing Secretary. The function was hosted at Kongu Convention Centre which is the Asia's second largest auditorium.

The Inaugural function was followed by Industrial Panel Discussion on the Topic 'Engineering & Entrepreneurship for a Sustainable Future,' moderated by Mr. Praveen Saxena, Senior Member of IChE and Graphite Equipment Advisor & Mentor. Mr. Ramesh Srinivasan (Wipro Technologies), Mr. Srinivas Vadlamani (Schlumberger SLB), Mr. Venkatesh (WTT International Pvt. Ltd), Dr. Shraavan Srisailam (BASF-Catalyst Division), and Mr. P. Naveen (Sim Infosystem) took part in the deliberation, in which the students and the professors also participated.

The two-day event included a Keynote Lecture by Prof. M. Ramasamy, Principal, KPR Institute of Engineering & Technology; Mr. Ramu Boya, CEO, Neostik Tapes Pvt. Ltd. Bangalore; Dr. Udaya Baskar Reddy, Associate Professor, Amrita Vishwa Vidyapeetham, Coimbatore and Dr. Sunil Baran Kuila, Professor & Head, Haldia Institute of Technology, Haldia. Invited Lectures were also delivered by eminent scientists, academics from CSIR, DAE, IITs, Central Universities as well as industry professionals.

Around 300 abstracts were received and around 220 papers (Oral and Poster) were presented during SCHEMCON 2023. This conference featured 14 parallel sessions as well as announcement of MP Chary Memorial Award. Dr. Baby Salini

J R, Post-Doctoral Fellow, IIT Madras was the recipient. Students also put up a cultural show in the first evening of the programme.

Mr. Shailesh Kumar, CEO, VA Tech Wabag, India Cluster was the Chief Guest for the Valedictory function and distributed the prizes for the winners of technical and other events. Best presentation for each session was also announced and cash prize was given away.

Mr. Shailesh Kumar, CEO, VA Tech Wabag, India Cluster was the Chief Guest for the Valedictory function and distributed the prizes for the winners of technical and other events. These two days witnessed keen participation by professionals, academics, research scholars and students and stimulating sessions of dialogues, discourses and discussions at SCHEMCON.

MP Chary Award winner was announced during the valedictory function during the conference. Best presentation for each session were also announced and cash prize was given to the winners.

12.0 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.

13.0 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 B Daga, Mr. Dinesh A Varma, Dr. A P Vyas, Dr. Milind Joshipura, **Ex-officio:** Dr. N M Patel, **Co-opted:** Dr. R N Desai, Dr. Ronak Patel and Mr. R G Shah

Amaravati Regional Centre

Committee:

Chairman: Mr. J Murali Mohan, **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:** Dr. C V Subrahmanyam, Mr. M Raghavaiah, Mr. G Ramesh, Mr. N Renu Babu, Mr. N Jani Bhasha, Dr. Vinoth Kumar Raja, Mr. M Rama Krishna, Dr. P Vijetha Chowdhary, **(Immediate Past Chairman, Ex-officio):**

Dr. V Govardhana Rao, **Co-opted Members:** Mr. Venu Babu G, Mr. P Venkateswarlu, Mr. K Siva Prasada Rao, Dr. Banavath Anil Kumar Naik, **Invitees:** Dr. N Sambasiva Rao, Dr. A Suryanarayana, Dr. T Subbaiah and Dr. K B K Rao

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

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

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

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

Calcutta Regional Centre

Committee:

Chairman: Mr Kalyan Kumar Basu, **Vice-Chairman:** Prof Sudip Kumar Das, **Honorary Regional Secretary:** Mr Parijat Mukhopadhyay (01.07.2023 to 30.09.2023) and Mr Sisir Kumar Chakraborty (01.10.2023 onwards), **Honorary Joint Secretary:** Prof N K Brahma, **Honorary Regional Treasurer:** Mr Debashis Ghosh, **Members:** Mr Samirbaran Das, Dr Sanjib Barma, Mr Tapotanay Pal, Mr Anup Kumar Chaudhuri, Prof N K Brahma, Prof Ashit Mazumder

Chandigarh Regional Centre

Committee:

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

Chennai Regional Centre (2023-2025)

Committee:

Chairman: Dr N Balasubramanina, **Honorary Regional Secretary:** Mr K Sadanand, **Honorary Joint Regional Secretary:** Mr Vijay Samuel, **Honorary Regional Treasurer:** Dr. N P Kavitha, **Members:** Mr Rathinagiriswaran Rajaraman, Dr E Muralidharan, Mr D Manivannan, Mr Anantharaman, Dr. Dharmendra Kumar Mahendradas, Dr S Renganathan, Dr C Jayakumar, Mr M N Bhaskaran, Mrs Vidhya Shankar, Dr R Parthiban and Dr. Bharathraja,

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

Guwahati Regional Centre

Committee:

Chairman: Prof Kaustubha Mohanry, **Vice-Chairman:** Prof S K Majumder, **Honorary Regional Secretary:** Prof Raghvendra Gupta, **Honorary Joint Regional Secretary:** Prof. R Anandalakshmi, Prof. Ashim Kumar Basumatary, **Honorary Regional Treasurer:** Prof Prakash Kotecha, **Members:** Prof Lalit Mohan Pandey, Prof Prabir Kumar Saha, Prof Mihir Kumar Purkait, Prof Bishnupada Mandal, Prof Ashok K Dasmahapatra, Prof Pankaj Tiwari, Prof Amit Kumar and Prof Ujwala Hujuri

Kalpakkam Regional Centre

Committee:

Chairman: Dr T V Krishna Mohan, **Vice-Chairmen:** Mr K Rajan, **Honorary Regional Secretary:** Mr M G Hemanath, **Honorary Regional Treasurer:** Mr Sourabh Agarwal, **Member:** Mr D Sivakumar, Mr S K Nayak, Mr Abhay Kumar and Mr Harendra Kumar

Kozhikode Regional Centre

Committee:

Chairman: Prof Sivasubramanian, **Vice-Chairmen:** Dr Manju M S, **Honorary Regional Secretary:** Dr Subhasis Mandal, **Honorary Joint Regional Secretary:** Mr Aneesh Raj, **Honorary Regional Treasurer:** Dr Praveen Kumar G, **Members:** Dr K Haribabu, Dr Vineesh Ravi, Dr Teja Reddy Vakamalla, Dr Chandra Shekar Bastha, Dr Ranjith P M, Dr Ushakumari E R, Dr Anjana R, Dr Beula C, and Mr Akhilesh Prabhakar

Lote-Parasuram Regional Centre

Committee:

Chairman: Mr Pravin Gaval, **Honorary Regional Secretary:** Mr R M Badatya, **Honorary Regional Treasurer:** Mr V B Baliga

Mangalore Regional Centre

Committee:

Chairman: Prof SVSR Krishna Bandaru, **Vice-Chairmen:** Dr Keyur Raval and Mr I M Sadanand, **Honorary Regional Secretary:** Dr S Shanmuga Priya, **Honorary Joint Regional Secretary:** Dr Hari Prasad Dasari, **Honorary Regional Treasurer:** Dr Nethaji S

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 Vinay Bhandari, **Honorary Regional Secretary:** Dr Utkarsh Maheshwari, **Honorary Joint Regional Secretary:** Dr Santosh P Ghuge, **Honorary Regional Treasurer:** Dr Shashank Gaikwad, **Member:** Dr Sanjay P Kamble, Dr C V Rode, Dr Subhash Vaidya, Mr Milind Talathi, Dr Manik Deosarkar, Ms Hemaleka Balu, Dr Yashwant Gharpure, Mr Prashant Gongle, Mr Shripal Gaikwad, Dr Prafulla Garg, **Ex-Officio (Immediate Past Chairman):** Dr Suyogkumar V Taralkar

Roorkee Regional Centre

Committee:

Chairman: Prof V C Srivastava, **Vice-Chairman:** Prof Shishir Sinha, **Honorary Regional Secretary:** Prof Vimal Kumar, **Honorary Joint Regional Secretary:** Prof Ashish Yadav, **Honorary Regional Treasurer:** Prof Deepak Kumar Ojha, **Member:** Prof B Prasad, Prof Hari Prakash, Prof N S M Reddy, Prof Prakash Biswas, Prof Pratham Arora, Prof R P Bharti, Prof Shabina Khanam and Prof V C Nathan

Trivandrum Regional Centre

Committee:

Chairman: Dr Shaneeth M, **Vice-Chairperson:** Dr Lakshmi V M, **Vice-Chairman:** Dr Venugopal S, **Honorary Regional Secretary:** Dr Suresh Kumar A, **Honorary Joint Regional Secretary:** Ms Ambili K, **Honorary Regional Treasurer:** Mr Somnathan S, **Member:** Dr K B Radhakrishnan, Dr Gireesh Baiju, Dr Gomathi N, Dr Femina A, Mr P Sojan, Mr Senthil Kumar A, Mr Arjunraj M, Dr Venkateswaran C, Mr Vemula Girish Kumar, Mr Senthil Kumar E, Mr Rajesh E K, Mr

Lakshman Yalisala, Mr Vura Chaitaya and Mr Vibhu Unnikrishnan

Vapi Regional Centre

Committee:

Chairman: Mr Shashikant S Pokale, **Vice-Chairman:** Mr Uday Marbali, **Honorary Regional Secretary:** Mr Arunkumar Yadav, **Honorary Joint Regional Secretary:** Mr Jagdish Parmar, **Honorary Regional Treasurer:** Mr Vinod S Kashalikar, **Members:** Mr Piysh Joshi, Dr Hiten M Bhatt, Mr J R Shah, Dr Yashawant Bhalerao, Mr Rameshchandra N Prajapati, Mr Maulick J Desai, Mr Kirit Shah, Mr Hasmukh K Doshi, Mr Devidas K Khubchandani, Mr U M Rao and Mr Vishal Patil

Vellore Regional Centre

Committee:

Chairman: Dr L Muruganandam, **Vice-Chairman:** Dr S Velu, **Honorary Regional Secretary:** Dr I Ganesh Moorthy,

Honorary Joint Regional Secretary: Dr Kuldeep Roy, **Honorary Regional Treasurer:** Dr K Sivagami, **Members:** Dr G S Nirmala, Dr D Chitra, Dr Aruna Singh, Dr M Aslam Abdullah and Dr K Pandurangan

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 |
|------------------------------|---|
| <p>Ahmedabad</p> | <p>Family Get-together Family get together was held on 11.02.2024, that was participated by 24 members, including their spouses.</p> |
| <p>Amaravati</p> | <p>Inauguration of Regional Centre Office An office of ARC was opened within JKC College Campus, courtesy Shri Jagarlamudi Murali Mohan, Secretary, Nagarjuna Education Society and Secretary & Correspondent, JKC College, who came forward to provide an office room. The refurbishing of the office space was done with the help of donations received from the alumnus of Andhra University Chemical Engineering Department and alumnus of RVR&JC College of Engineering. The inauguration was held on 06.08.2023 by Dr Rayapati Srinivas, President, Nagarjuna Education Society in presence of Shri J Murali Mohan, Chairman, ARC.</p> |
| <p>Ankleshwar</p> | <p>Student Chapter Activities Government Engineering College, Bharuch Organised an Industry Visit at BEIL, Gujarat, on 01.02.2024 Celebrated National Science Day on 28.02.2024. Performed social awareness skit on Solid Waste Management on 05.03.2024. Held Expert Talk on 'Role of Chemical Engineer in Fertilizer Industry' by Ms Dhruvi Mehta, Senior Chemical Engineer, Technical Services Department of GNFC, Bharuch on 04.04.2024. Sarvajanik College of Engineering and Technology, Surat Organised an Industry Visit for the 5th semester Chemical Engineering students to Apex Healthcare Limited, Ankleshwar on 04.08.2023. Workshop held on Soft Skills Development on 01 and 02.09.2023.</p> |

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| | <p>CHEMCLAVE 2023 organised under Annual Techfest - Kshitij 2023 comprising Technical and Non-Technical Events during 29.09.2023 - 30.09.2023. The aim of the event was to provide a common platform to interact and exchange ideas, experience to the budding engineers and to share their knowledge on various researches going on in the field of chemical engineering.</p> |
| Amethi | <p>Student Chapter Activity</p> <p>Rajiv Gandhi Institute of Petroleum Technology, Jais, Amethi (RGIPT) Student Chapter organized a webinar on 'Abroad Studies' on 10.10.2023.</p> |
| Calcutta | <p>Engineers Day Celebration held on 15.09.2023 & 16.09.2023.</p> <p>Dr H L Roy's 135th Birth Anniversary Celebration observed on 02.11.2023.</p> <p>Annual Picnic organised on 20.01.2024.</p> <p>Prof (Dr) Dilip K Dutta Memorial Lecture delivered on 24.02.2024.</p> |
| Chandigarh | <p>Chem-E-Cross</p> <p>This event was held on 22.02.2024 to showcase the skills of Students of Chemical Engineering Department, Punjab University in crossword puzzle competition.</p> |
| Chennai | <p>Student Chapter Activities</p> <p>Sri Sivasubramaniya Nadar College of Engineering, Kalavakkam</p> <p>Lecture on 'Role of Chemical Engineers in Chemical Industry and the Challenges' by Mr C Anbazagan, Retd. DGM, Orchid Pharmaceuticals Ltd. and Consultants for Pharma and Chemical Industries, on 12.03.2024.</p> <p>Lecture on 'Enhancing Professional Communication through Storytelling' by Mr Ayyappan Ramachandran, Founder and MD, Tellable, on 15.03.2024.</p> |
| Kozhikode | <p>The Inauguration of IChE Kozhikode Regional Centre was held on 16.02.2024.</p> |
| Trivandrum | <p>Student Chapter Activities:</p> <p>Sree Chitra Thirunal College of Engineering, Trivandrum</p> <p>Higher Education promotional activities on 'Intellectual Property Rights - A perspective for Academics and Research' by Shri Praveen Raj R S, Principal Scientist, CSIR-NIIST, Trivandrum, on 11.07.2023.</p> <p>Motivational Sessions on 'Bio-entrepreneurship' by Dr Dileep Kumar R, Director of Indriyam Biologics Pvt. Ltd. Trivandrum on 08.02.2024.</p> <p>TKM College of Engineering, Kollam</p> <p>Online essay writing competition on the topic of 'Impact of Modern Warfare on the immediate and Extended Environment' held on 13 -18.11.2023.</p> <p>Workshop on "Sustainability practices and the role of engineers" (webinar) conducted on 11.04.2024.</p> |
| Vellore | <p>Vellore Regional Centre was inaugurated 03.05.2024 at ISR Lab.</p> |
| Waltair | <p>Lecture</p> <p>On 'Preparation for Career' by Mrs K V Uma Devi, Director, Career Counseling, GITAM, Visakhapatnam, on 28.07.2023.</p> <p>Student Chapter Activities</p> <p>Gayatri Vidya Parishad College of Engineering, Visakhapatnam</p> |

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| | <p>'Introduction to Refinery Careers and Refinery Economics' by Mr Nithin Kollipara, Sr. Refinery LP Engineer, Jubali Industrial City, Saudi Arabia, on 14.02.2024.</p> <p>Anil Neerukonda Institute of Technology and Sciences, Visakhapatnam</p> <p>Tech-fest, 'CHEMFLARE-2024' on 01 & 02.03.2024.</p> |
| <p>Madan Mohan Malaviya University of Technology, Gorakhpur Student Chapter</p> <p><i>(Unclassified: Does not come under any Regional Centre)</i></p> | <p>Expert talk:</p> <p>On 'Career Opportunities in the Petrochemical Sector' by Mr Shankar Dutt Paliwal, Senior Process Engineer at Abu Dhabi Polymer Co. Ltd., on 23.02.2024.</p> <p>On 'Technology and Entrepreneurships in Chemical Engineering' by Dr Sarjerao Doltade on 19.03.2024.</p> <p>Industry Visits arranged to Harinagar Sugar Mills Ltd. on 09.03.2024; Hindustan Urvarak and Rasayan Ltd. on 12.03.2024 and Avadh Sugar and Energy Ltd. on 13.03.2024 & 14.03.2024.</p> |

14.0 Milestones of the Year (Beyond March 2024)

As per the convention, the Annual Report of the IChE Headquarters has covered activities of the Institute for the financial year April 2023 – March 2024. However, we deem it would be appropriate to keep our valued Members posted about important activities of the Institute that were conducted after March 2024.

Office of IChE Training Institute

The office of the IChE Training Institute was inaugurated on 16 August 2024 at the Headquarters office in Kolkata. This will help make the functioning of the Training Institute more streamlined, efficient and focussed. As already explained, the Training Institute will oversee Internship and Training programmes, R&D work, Faculty projects, organize Industry Conclaves, execute Industry Consultancy, etc.

MoU with Muzaafarpur Institute of Technology, Muzaafarpur

A Memorandum of Understanding was signed between Muzaafarpur Institute of Technology, Muzaafarpur and IChE on 16 August 2024 at the newly inaugurated office of the IChE-Training Institute for collaboration in training and internship. On behalf of Muzaafarpur Institute of Technology, Prof. M.K. Jha, Principal of the institution and on behalf of IChE, Mr. S.I. Thakar, President, IChE signed the agreement.

On-site Industrial Training

From the current year, IChE has introduced on-site industrial training for the students of Chemical Engineering and allied branches from across India. This year, around 35 students undertook training. The program will be undertaken on a larger scale from the next year, i.e., 2025-26. For the next year, the process of enrolment will begin in January 2025.

SCHEMCON

The 20th Annual Session of Chemical Engineering Students Congress, SCHEMCON-2024, was organized by the IChE Students Chapter at the Department of Chemical Engineering, Rajiv Gandhi Institute of Petroleum Technology (RGPT), Jais, Amethi under the guidance of the Amethi Regional Centre, IChE 20 and 21 September 2024.

CHEMCON

IChE is all geared up for IChE-CHEMCON 2024, the 77th Annual Session of the Institute, to be organised by the Doaba Regional Centre of IChE at Jalandhar, Punjab during 27 – 30 December 2024 at the premises of B.R. Ambedkar National Institute of Technology, Jalandhar. The central theme for the event has been decided to be 'Role of Chemical Engineering towards Sustainable Development and Atmanirbhar Bharat'.

List of IChE Meetings

Council meetings:

| Meeting | Dates |
|--|------------|
| Emergency Special Meeting | 08.04.2023 |
| 3 rd Council Meeting (2023) | 15.04.2023 |
| Special Meeting of the Council | 24.04.2023 |
| 4 th Council Meeting (2023) | 24.06.2023 |
| Online Emergency Council Meeting | 02.09.2023 |
| 5 th Council Meeting (2023) | 22.09.2023 |
| 6 th Council Meeting (2023) | 26.12.2023 |
| 1 st Council Meeting (2024) | 28.12.2024 |
| 2 nd Council Meeting (2024) | 24.02.2024 |

Committee meetings:

| Meeting | Dates |
|--|--------------|
| Research & Development Committee Meeting | 16.8.2023 |
| 2nd Meeting of the Office Administrative Committee | 02.09.2023 |
| 1st Meeting of Publication Committee | 03.02.2024 |
| 2nd Meeting of Publication Committee | 13.02.2024 |
| 1st meeting of Process Safety Environment and Energy Committee | 31.03.2024 |
| 1st meeting of Legal Committee | 07.04.2024 |
| 2nd meeting of Process Safety Environment and Energy Committee | 19.5.2024 |

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| 1st Building Committee meeting | 17.6.2024 |
| 1st Finance Committee meeting | 25.6.2024 |
| 1st Headquarters Office Administrative Committee | 28.6.2024 |

15.0 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