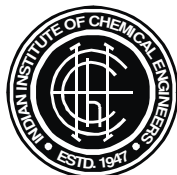


Annual Report
2018-19
(April 1, 2018 to March 31, 2019)



Indian Institute of Chemical Engineers

List of Council Members for 2018 & 2019

2018	Designation	2019
Prof Vinay K Srivastava, Department of Chemical Engineering, MGM CET, Karnothe, Navi Mumbai -410209, [Mobile] (0)9833621629, vksriv1954@gmail.com	President	Prof S V Satyanarayana, Dept of Chemical Engineering, JNTUA College of Engineering, Anantapuramu Dist, Andhra Pradesh 515 002, [Mobile]: 9849509167, svsatya7@gmail.com
Prof P De, Retired Professor, Dept. of Chemical Engineering, University of Calcutta, N.B. Apartment, 93B, P.K. Guha Road (Italgacha), Kolkata – 700 028, [R] (033) 2511-1332, [Mobile] (0)9433010927, parameswar_de@rediffmail.com	Immediate Past President	Prof Vinay K Srivastava, Dept. of Metallurgical Engg. & Material Science, IITB, Powai Mumbai -400076, [Mobile] (o)9833621629, vksriv1954@gmail.com
Prof S P Chaurasia, Dept of Chemical Engineering, Malabiya National Institute of Technology (MNIT), Jaharlal Nehru Marg, Jaipur 302 017, Rajasthan, [Mobile] (0)9414446464, chch1962@gmail.com	Vice Presidents	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
Dr Ajay Bansal, Dept of Chemical Engineering, National Institute of Technology Jalandhar 144 011, Punjab, [Mobile] (0) 9417223839, drajaybansal@gmail.com	Honorary Secretary	Prof V V Basava Rao, Plot No. 184, Tirumala Nagar Colony, Meerpet (V), Moulali Housing Board, Hyderabad 500 040, Telangana State, [Mobile]:9989156705, profbasavarao_1964@yahoo.com
Prof Sudip K Das, Dept of Chemical Engineering, University of Calcutta, 92, A P C Ray Road, Kolkata 700 009, [Mobile] 9830638908, drsudipkdas@gmail.com	Honorary Joint Secretary	Prof Amitava Bandyopadhyay, Dept. of Chemical Engineering, University of Calcutta, 92, A P C Ray Road, Kolkata 700 009, [Mobile] 9830823946, amitava.iiche@gmail.com
Mr M Ranga Rao, B-26, Rukminipuri, ECIL Post, Hyderabad 500 062, [Mobile] (0) 9963457575, ranga.nfc@gmail.com	Honorary Treasurer	Mr M Ranga Rao, B-26, Rukminipuri, ECIL Post, Hyderabad 500 062, [Mobile] (0) 9963457575, ranga.nfc@gmail.com
Prof M Srinivasa Rao, Department of Chemical Engineering,, Faculty of Technology, Dharmsinh Desai University, College Road, Nadiad- 387 001, Gujarat, [Mobile] 9427634725, msrao@ddu.ac.in	Honorary Editor	Dr G S V Ratnam, Senior Principal Scientist, Chemical Engineering Department, Central Leather Research Institute (CLRI), Chennai 600 020, [Mobile]: 9444464670, gsvratnam@gmail.com
Prof Suddhasatwa Basu, Director, CSIR-Institute of Minerals & Materials Technology, CSIR, Bhubaneswar 751 013, Odisha, [Mobile] 7838134181, sbasu.chemical@yahoo.co.in	Controller of Examinations	Prof Suddhasatwa Basu, Director, CSIR-Institute of Minerals & Materials Technology, CSIR, Bhubaneswar 751 013, Odisha, [Mobile] 7838134181, sbasu.chemical@yahoo.co.in
Dr M Rajasimman, Associate Professor, Dept of Chemical Engineering, Annamalai University, Annamalai nagar 608 002, [Mobile] (0) 9842565098, simms@rediffmail.com	Honorary Register	Dr M Rajasimman, Associate Professor, Dept of Chemical Engineering, Annamalai University, Annamalai nagar 608 002, [Mobile] (0) 9842565098, simms@rediffmail.com
Mr Dhawal Saxena, Executive Asst. Managing Director, Blast Carboblocks Pvt. Ltd., 505 Persipolis Bldg, Sector-17, Vashi, Navi Mumbai 400 705, [Mobile] (0)9323363077, dhawal_saxena@hotmail.com	Member	Mr Praveen Saxena, Director, Blast Carboblocks Pvt Ltd, 505, Persipolis, Sector-17, Vashi, Navi Mumbai 400 705, [Mobile]: 9869606386, praveensaxena1951@gmail.com
Prof N Balasubramanian, Department of Chemical Engineering, A C Tech., Anna University, Chennai 600 025, [Mobile] 9444954151, nbs.bala@gmail.com	Member	Dr Madhu Agarwal, Associate Professor, Department of Chemical Engineering, Malaviya National Institute of Technology (MNIT), Jaipur 302 017, [Mobile]: 9413349429 madhunaresh@gmail.com
Prof Amitava Bandyopadhyay, Dept. of Chemical Engineering, University of Calcutta, 92, A P C Ray Road, Kolkata 700 009, [Mobile] 9830823946, amitava.iiche@gmail.com	Member	Prof N Balasubramanian, Department of Chemical Engineering, A C Tech., Anna University, Chennai 600 025, [Mobile] 9444954151, nbs.bala@gmail.com
Dr S K Gupta, Associate Professor, Department of Chemical Engineering Harcourt Butler Technological Institute (HBTI), Nawabganj, Kanpur 208 002, [Mobile] 9415042325, skjee@yahoo.com	Member	Prof Ajay Bansal, Dept of Chemical Engineering, National Institute of Technology, Jalandhar 144 011, Punjab, [Mobile]: 9417223839, drajaybansal@gmail.com
Prof Bishnupada Mandal, Head, Dept of Chemical Engineering, Indian Institute of Technology, Guwahati, Guwahati 781 039, [Mobile] (0) 9957181980, bpmandal@iitg.ernet.in	Member	Prof Sudip K Das, Dept of Chemical Engineering, University of Calcutta, 92, A P C Ray Road, Kolkata 700 009, [Mobile] 9830638908, drsudipkdas@gmail.com
Prof (Dr) S C Naik, Flat No. I-004, The Cosmopolis, Dumduma, Bhubaneswar 751 019, [Mobile] 9437049747, rkl_sчнаik@bsnl.in	Member	Dr S K Gupta, Associate Professor, Department of Chemical Engineering, Harcourt Butler Technological Institute (HBTI), Nawabganj, Kanpur 208 002, [Mobile] 9415042325, skjee@yahoo.com
Mr Shashikant S Pokale, 104, Ekta Tower, Asopalav Complex, Vapi, Gujrat 396 191, [Mobile] (0) 9737344456, sspokale@yahoo.co.in	Member	Dr M P Jain, B-22/6, Kendriya Vihar, Sector – 11, Kharghar, Mumbai 410 210, [Mobile]: 9867262250, mpjain2000@yahoo.com
Dr T L Prasad, Senior Scientific Officer, Chemical Engineering Group, Bhabha Atomic Research Centre, Trombay, Mumbai 400 085, [Mobile] 9869879214, tlprasad63@gmail.com	Member	Prof Alpna Mahapatra, Chemical Engineering Department, D J Sanghvi College of Engineering, U-15, JVPD Scheme, BVS Marg, Vile Parle (W), Mumbai 400 056, [Mobile]: 9920832421, alpna1mahapatra@gmail.com
Dr K B Radhakrishnan, Professor & Head, Department of Chemical Engineering , TKM College of Engineering, Kollam 691 005, Kerala, [Mobile] 9447205767, drkbrnair20@gmail.com	Member	Prof Bishnupada Mandal, Dept of Chemical Engineering, Indian Institute of Technology, Guwahati, Guwahati 781 039, [Mobile] (0) 9957181980, bpmandal@iitg.ernet.in
Prof K S Rajanandam, # 676/12, 14 th B Main Road, Gokul 1 Stage, Phase-1, P.O. MSRIT, Bangalore 560 054, [Mobile] 9845533308, ksrajanandam@gmail.com	Member	Prof (Dr) S C Naik, Flat No. I-004, The Cosmopolis, Dumduma, Bhubaneswar 751 019, [Mobile] 9437049747, rkl_sчнаik@bsnl.in
Prof V V Basava Rao, Plot No. 184, Tirumala Nagar Colony, Meerpet (V), Moulali Housing Board, Hyderabad 500 040, Telangana, [Mobile] 9989156705, profbasavarao_1964@yahoo.com	Member	Mr Shashikant S Pokale, 104, Ekta Tower, Asopalav Complex, Vapi, Gujrat 396 191, [Mobile] (0) 9737344456, sspokale@yahoo.co.in
Dr Gaurav Rattan, Assistant Professor, Dr S S Bhatnagar University Institute of Chemical Engineering & Technology, Panjab University, Chandigarh 160 014, [Mobile] 8288071498, grattan@pu.ac.in	Member	Dr T L Prasad, Senior Scientific Officer, Chemical Engineering Group, Bhabha Atomic Research Centre, Trombay, Mumbai 400 085, [Mobile] 9869879214, tlprasad63@gmail.com
Prof R Shyam Sundar, Dean, University College of Technology, Osmania University, Hyderabad 500 007, [Mobile] (0)9949979835, rachamallass@yahoo.co.in	Member	Dr K B Radhakrishnan, Professor & Head, Department of Chemical Engineering , TKM College of Engineering, Kollam 691 005, Kerala, [Mobile] 9447205767, drkbrnair20@gmail.com
Mr S I Thakar, 114, Avadhoot Society No.1, Bholav area, Bharuch, Gujarat – 392 002, [Mobile] 9925231717, sithakar@gncf.in	Member	Dr Gaurav Rattan, Assistant Professor, Dr S S Bhatnagar University Institute of Chemical Engineering & Technology, Panjab University, Chandigarh 160 014, [Mobile] 8288071498, grattan@pu.ac.in
Prof S S Sambhi, 123, Raja Garden, New Delhi 110 015, [M] (0)9312065265, sambhi1950@yahoo.co.in	Member	Dr Sanjeev S Katti, Director General, ONGC Energy Centre, 8 th Floor, Core-4, SCOPE Minar, Laxmi Nagar, Delhi 110 092, [Mobile]: 8451919270, sanjeev_katti@hotmail.com
	Member	Dr Avijit Ghosh, Assistant Professor, Department of Chemical Engineering, Heritage Institute of Technology, Anandapur, Madurdaha, Kolkata 700 107, [M] (0)9433139742, avijitghosh.che@gmail.com
Dr V S Sapkal, Department of Chemical Technology, Sant Gadge Baba Amravati University, Amravati 444 602, Maharashtra, [Mobile] (0)9422856980, vssapkal@gmail.com	Member (AICTE Nominee)	Dr V S Sapkal, Department of Chemical Technology, Sant Gadge Baba Amravati University, Amravati 444 602, Maharashtra, [Mobile] (0)9422856980, vssapkal@gmail.com

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

Annual Report for 2018-2019

1.0 Introduction

The report covers major activities of the Institute during the period 1 April 2018 to 31 March 2019.

2.0 71st Annual Session and CHEMCON 2018

The 71st Annual Session of Indian Institute of Chemical Engineers (IICChE), i.e., Indian Chemical Engineering Congress (CHEMCON 2018) was organized at Jalandhar. The venue was the Department Chemical Engineering, Dr. B.R. Ambedkar National Institute of Technology, Jalandhar during 27 – 30 December 2018. The central theme for this CHEMCON was 'Seamless Chemical Engineering in Service of Humanity: Innovations, Opportunities & Challenges'.

The inaugural session was set in motion with the presence of Prof. Sarit Kumar Dass, Director, Indian Institute of Technology, Ropar as the Chief Guest along with Prof. G D Yadav, Padma Shree; Chairman, National Organising Committee; CHEMCON and, Vice Chancellor, Institute of Chemical Technology, Mumbai; Prof. S P Chaurasia, Vice President, IICChE; Prof. Lalit Kumar Awasthi, Patron, CHEMCON 2018 and Director, Dr. B R Ambedkar NIT, Jalandhar; Dr S K Mishra, Registrar, Dr. B. R. Ambedkar NIT, Jalandhar along with Prof. M K Jha, Chairman, Local Organising Committee, CHEMCON 2018; Prof. Ajay Bansal, Organising Secretary, CHEMCON 2018 and Dr. S Bajpai, Joint Organising Secretary, CHEMCON 2018. Due to a prior engagement of high importance, IICChE President, Prof. V K Srivastava could not be present at the inaugural session. In his absence, the customary Presidential Address was read out by Prof. S P Chaurasia, Vice President, IICChE.

The inaugural function was followed by presentation of the three Memorial Lectures by renowned authorities in the field of Chemical Engineering. **Dr. H L Roy Memorial Lecture, sponsored by Jacobs**, was delivered by Prof. V A Juvekar, (Emeritus Fellow), Dept. of Chemical Engineering, IIT, Mumbai. The second lecture, **Aker Powergas's Prof. N.R. Kamath and Mrs. Ruzena Kamath Memorial Lecture** was delivered by Shree P D Samudra, CEO, Thyssenkrupp Industrial Solution (India) Pvt. Ltd. **Inventaa C.K. Murthy Memorial Lecture** was delivered by Dr. U. Kamachi Mudali, Chairman, Heavy Water Board, Dept. of Atomic Energy, Mumbai.

As customary, 28 December 2018, the birth anniversary of the late Shri Dhirubhai Ambani, was celebrated as Shri Dhirubhai Ambani Commemoration Day in association with

Reliance Industries Limited. Dr. J B Joshi, Emeritus Professor, Homi Bhabha National Institute, Mumbai, delivered the Dhirubhai Ambani Oration. Shree J Raghunath, SBU Head, Filaments Business, Polyester attended the event on behalf of Reliance Industries Ltd., Mumbai as a Special Guest.

In course of the four-day event, 15 Chemcon Distinguished Speakers (CDS) and 10 invited speakers delivered lectures on various critical aspects of Chemical Engineering and allied fields. As many as 110 Oral and parallel Poster Sessions were held.

Award Presentation

An impressive number of awards were presented on the occasion, which included the two most prestigious National Awards.

Firstly, the Dr B P Godrej Life Time Achievement Award was conferred upon Dr. Arun N. Dravid, Past President, IICChE and Chairman Emeritus, Jacobs Engineering India Pvt. Ltd.

Secondly, Lala Shriram National Award for Leadership in Chemical Industry was conferred upon Dr. Abanish Panda, Distinguished Chemical Engineer and doyen of Indian Paper Industry.

Details of all the awards and list of awardees have been published in Section 10.0.

3.0 71st Annual General Meeting

The 71st (seventy-first) Annual General Meeting (AGM) of the Institute was held on December 28, 2018 at the IT Department, NIT Jalandhar. Prof Vinay K Srivastava, President of the Institute for 2018, called the meeting to order and chaired it. The AGM was attended by 45 Corporate Members. (A list of members, who were present in the AGM, is presented in the back inside cover page). The minutes of the 70th (Seventieth) AGM, held on December 28, 2017 at MBA Seminar Hall, Haldia Institute of Technology, Haldia, which were circulated on November 24, 2018 by Prof Sudip K Das, Honorary Secretary (2018), were confirmed, as proposed by Prof V K Srivastava and seconded by Mr Praveen Saxena.

The meeting adopted the Annual Report of the Institute unanimously, as proposed by Mr M P Jain and seconded by Dr Avijit Ghosh with certain corrections.

The meeting there after unanimously adopted the Audited Statement of Accounts of the Institute for the year 2017-18.

It was decided to appoint N. Chatterjee & Associates, Chartered Accountants, [40/6, Dharma Das Kundu Lane, Howrah 711 102, West Bengal], as Auditors of the Institute for the financial year 2018-2019 at an annual remuneration of Rs. 22,000/-.

The names of the newly elected Council Members for the period 2019 – 2021 were announced. The Members welcomed the newly elected Council Members.

As per the request of the members of the Executive Committee of the IChE Guntur Regional Centre, the Council resolved that henceforth the 'Guntur Regional Centre' would be called 'Amaravati Regional Centre'.

Prof Vinay K Srivastava, the outgoing President, IChE thanked the Council Members, the members of the Executive Committees of the Regional Centres, Student Chapters and Members of the institute, in general, for extending their sincere co-operation for all activities of the Institute during the year.

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

4.0 R&D Activities by IChE HQ

The Institute is recognized by the Department of Science and Technology, Government of India, as a Scientific and Industrial

Research Organization (Vide Ref. F.No.11/57/88 – TU – V upto 31.3.20). Some of the R&D projects, funded by IChE, which are presently underway include:

- Development of economically viable peeling and dissolution process for active cathode of the lithium-iron batteries.
PI: Dr Ravi Methekar, Visvesvaraya National Institute of Technology, Nagpur.
- Development of an Economic Appliance for household Waste Disposal.
PI: Dr Madhusree Kundu, National Institute of Technology, Rourkela.
- Design and Development of MnO₂- Nitrogen Doped Biomass based Graphene- PEDOT electrode materials for electrochemical energy storage Application.
PI: Dr R Saravaanathamizhan. Anna University, Chennai.

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 aegis of the RCs are presented below. For the RCs, the 1-year period covers July 2018 – June 2019.

Name of the Regional Centres	R&D Related Activities
Ahmedabad	<p>a) Seminar: On 'Pollution Control, Cleaner Production and Chemical Security Program – Issues & Concerns'. Date: 19 & 20.09.2018</p> <p>b) Workshop: On 'Recent Trends in Heat Exchanger Design and Manufacturing'. Date: 22.08.2018</p>
Amaravati (Previously Guntur)	<p>a) Seminar:</p> <p>i. On 'Chemical Engineering Journey Ahead'. Date: 24.02.2019. The following speakers made presentations:</p> <p><i>i.</i> Dr. V Govardhana Rao, Professor (Retd), IIT Bombay, Mumbai & Chairman, IChE, ARC. On 'Indian Chemical Industry - Future Growth and Challenges'.</p> <p><i>ii.</i> Prof S V Satyanarayana, President, IChE & Director, Evaluation, JNT University, Ananthapuramu. On 'Membrane separation for Green Environment'.</p> <p><i>iii.</i> Dr. N V Choudary, Emeritus Scientist, Green R & D Centre, HPCL, Bengaluru. On 'Petroleum Refining-Challenges and Future Outlook'.</p> <p><i>iv.</i> Mr. G Venu Babu, Asst. General Manager, Head of the Technical Services Dept, Hetro Lab's Ltd, Hyderabad. On 'Gateway to Chemical Engineers in Pharmaceutical Industry'.</p> <p>ii. On 'Industrial Hazards and Safety'. Date: 30.05.2019. The following speakers made presentations:</p> <p><i>i.</i> Dr. V Govardhana Rao, Professor (Retd), IIT Bombay & Chairman, IChE, Amaravati RC. On 'Industrial Hazards and Safety'.</p>

	<p>ii. Dr. G.S. Venkataratnam, Senior Principal Scientist (Retd.), CLRI, Chennai and Honorary Treasurer, IICChE. On 'Industrial Hazards and Safety'.</p> <p>b) Student Chapter Activities: RVR & JC College of Engineering, Guntur</p> <p>i. Technical Lecture: On 'Application of Chemical Principles in Pharmaceutical Industry' by Mr Vanama Vikram, Director, Technical Operations, Business Development, Trimax Biosciences Private Ltd., Bangalore, Karnataka. Date: 25.02.2019</p> <p>RGUKT, Nuzvid:</p> <p>i. TECKZITE 2K19 was organized. Date: 15 -17.02.2019. As part of the programme, the following events were held:</p> <p>i Workshop: It was conducted on 'Aspen Hysis'</p> <p>ii 'Demonstratia' and 'Plakat' Students presented papers.</p>
<p>Ankleshwar</p>	<p>a) Seminar: On 'Innovative Technologies in Chemical Industries' Date:22 & 23.02.2019</p> <p>b) Lectures: On 'Development of Novel Adsorbents for Carbon Dioxide Capture' by Prof Ajay Kumar Dalai, Canada Research Chair of Bio-energy and Environmentally Friendly Chemical</p> <p>c) Talks:</p> <p>i. On 'Energy Conservation Through Steam Turbine'. Date: 10.08.2018</p> <p>ii. On 'Energy Conservation through Steam Trapping'. Date: 05.10.2018</p> <p>iii. On 'Process Safety Consideration in Design & Operations' and 'Compressors'. Date: 14.11.2018</p> <p>iv. On 'Safety Aspects in Chemical Industries'. Date: 28.01.2019 and 02.02.2019</p> <p>d) Student Chapter Activities: SRICT, Valia:</p> <p>i. Technovation 2018. Date: 26 & 27.09.2018</p> <p>ii. Digital poster presentation. Date: 5.03.2019</p> <p>iii. Chem O Race. Date: 27 & 28.09.2018</p> <p>iv. Workshop On 'Process Modelling and Simulation Using MATLAB and DWSIM' Pacific School of Engineering, Surat:</p> <p>i. Manthan 2k18. Date: 15.09.2018 Several technical activities were organized under the banner.</p> <p>ii. Technical Lecture. Date: 02.03.2019 On 'Importance of Pervaporation for Recovery of Volatile Organic Compounds'</p> <p>iii. Workshop: On 'Process Simulation: Hands-on Session on ChemCAD'. Date:30 & 31.01.2019 SNPIT&RC, Bardoli</p> <p>i. Workshops:</p> <p>i. On 'Utilities of Process Simulators in Chemical Engineering'. Date: 17&18.07.2018</p> <p>ii. On 'Recent Trends in Novel Separation Processes'. Date: 03.08.2018</p> <p>iii. On 'Process Simulation Optimization & Designing Using DWSIM & HINT Software'. Date: 14 &15.03.2019</p>

	<p>P P Savani School of Engineering, Surat</p> <p>i. Technical Lectures:</p> <p><i>i.</i> On 'Fundamentals of Chemical Engineering' .Date: 13.10.2018</p> <p><i>ii.</i> On 'Process Safety and Design Considerations'. Date: 20.11.2018</p> <p><i>iii.</i> On 'Kinetic Sztudy on Extraction of Heavy Metals Using Emulsion Liquid Membranes'. Date: 05.03.2019</p> <p><i>iv.</i> On 'Importance of Unit Operations in Chemical Industries'. Date: 13.04.2019</p> <p>ii. Seminar:</p> <p>On 'Sustainable Solutions to Industrial Waste Water'. Date: 25.01.2019.</p> <p>iii. Workshop:</p> <p>On 'Conquering Global Challenges: Safety, Quality & Environment'. Date: 01& 02.03.2019.</p>
Annamalai-Neyveli	<p>a) Technical Lectures:</p> <p>On 'Energy Management' by Mr B Senthilkumar, Director, NIN Energy Private Limited, Chennai. Date:04.07.2018</p> <p>b) Workshop:</p> <p>On 'Pollution-free Environment and Chemical Engineering' (PEACE-2018). Date : 12.12.2018</p> <p>c) Conference:</p> <p>Under the theme of 'Challenges in Chemical Engineering and Biosciences for Sustainable Environment', two lectures were delivered. Date: 15 &16.02.2019.</p> <p><i>i.</i> On 'Paradigm Shift towards Biorefineries'. Speaker: Dr. K.V. Radhika, AC College of Technology, Anna University.</p> <p><i>ii.</i> On 'Challenges in Biopolymer Production. Speaker: Ms. Sindhu Raveendran, CSIR-NIIST, Trivandrum.</p>
Bangalore	<p>a) Conference:</p> <p>On 'Recent Advances in Engineering Sciences (ICRAES 2018). Date: 26 & 27.09.2018.</p> <p>b) Student Chapter Activity:</p> <p>MSRIT, Bangalore</p> <p>Seminar:</p> <p>On 'Chemical Engineers and New World Technologies'. Date: 24.11.2018. The event was organized jointly with Bangalore RC and Poornaprajna Institue of Scientific Research, Bangalore.</p>
Baroda	<p>a) Lecture:</p> <p>On 'Optimum Refinery Configurations' by Mr D Chakraborty (BRC Chairman and CGM-TS/HSE – IOCL GR). It was delivered on the occasion of the IChE Foundation Day celebration.</p> <p>b) Conference:</p> <p>6th IWA Regional Membrane Technology Conference (IWA-RMTC 2018). Date: 10 - 12.12.2018.</p>
Bhubaneswar	<p>a) Technical Lectures:</p> <p><i>i.</i> On 'Development of Novel Adsorbents for Carbon Dioxide Capture' Date: 17.01.2019. It was delivered.by Prof. Ajay Kumar Dalai, Dept. of Chemical and Biological Engineering, University of Saskatchewan, Canada.</p> <p><i>ii.</i> On 'Refining and Petrochemical: Past, Present and Future Outlook'. Date: 26.06.2019. It was delivered by Mr. Mukesh Mohan, Chief General Manager (Technical), IOC-Paradip.</p>

	<p>b) Seminar: On 'Challenging Applications of Chemical Engineering (CACHÉ-2K19)'. Date: 30.03.2019. Organised in association with CSIR-IMMT, Bhubaneswar, the event was meant for students of Chemical Engineering from different engineering institutes and colleges from eastern India.</p> <p>c) Student Chapter Activities: IGIT, Sarang</p> <p>i. QUIMICA-4.0 An annual techno fest was held. Date: 5 & 6.04.2019. Mr. S K Mishra (Heavy Water Plant, Talcher; Prof. Haramohan Jena, NIT, Rourkela; and Mr S S Ranjan, Accenture Strategy, Bangalore delivered lectures during the event.</p> <p>ii. Talk Manoj Kumar Acharya, Director (Tech and Mkt), Khemka Refinery Pvt. Ltd., presented it. Date: 22.04.2019</p>
Calcutta	<p>a) Technical Lecture: On 'Waste Water Treatment – Recent Practices' by Dr Ashim K Bhattacharya, Chief Technology Advisor & Consultant, ToyaM Technologies, Pune and Salts and Chemicals Pvt Ltd., Kolkata and Mr Sumit De, Manager, V.A Tech, Wabag Ltd. Date: 22.09.2018</p> <p>b) Workshop: On 'Process Safety Management'. Date: 07.12.2018. There were 3 technical sessions. Speakers for Technical Sessions were from industries.</p> <p>c) Student Chapter activities: Heritage Institute of Technology, Kolkata ChEMSPARK-2019 The multi-activity technical event included presentation of technical talks, model prebentation, etc. Date: 22.01.2019. Jadavpur University, Kolkata INNOVA-2019. Date: 30.03.2019. The events included technical paper presentation as well as oral presentation of ideas, workshop, etc.</p>
Chandigarh	<p>a) Workshop: On 'Green Energy Future in India'. Date: 18.04.2019 .</p>
Chennai	<p>a) Lectures:</p> <p>i. Prof YGB Varma Endowment lecture by Mr M S Ananth, former Director, IIT, Madras. Date: 18.09.2018</p> <p>ii. Shri T S Narayanasamy Memorial Endowment lecture by Mr S Sunilkumar, Business Director, South Asia, Henkel Adhesive Technologies India Pvt Ltd. Date: 08.03.2019</p> <p>iii. Dr B Jagannadhaswamy Memorial Lecture by Mr. V Ranganathan, Deputy Director, SDSC-SHAR ISRO & Programme Director, ISRO. Date: 17.08.2018</p> <p>b) Student Chapter Activity: St. Joseph College of Engineering, Chennai Lecture by Mr. Nagarjan, AGM (Rtd.), Petrofac. Date : July 2018</p>
Coimbatore	<p>a) Workshops</p> <p>i. On 'Energy Management in Industries' by Mr C Rajendran, Associate Vice-President, Sandfits Foundries Pvt. Ltd., Sulur. Date: 24.08.2018.</p>

	<ul style="list-style-type: none"> ii. On 'Numerical Simulation on Fluid Flow and Heat Transfer Applications' by Mr A Vivek Joe Bharath, Assistant Professor, Dept of Chemical Engineering, Coimbatore Institute of Technology. Date: 28.12.2018. iii. Paradigm Shift from Batch to Continuous Processes by Dr. R.A. Prasaanth, Research Associate, University of Bordeaux, France and Dr. S. Rajalakshmi, MIT Campus, Anna University, Chennai. Date: 24.01.19. iv. On 'Hands-on Training for High Performance Liquid Chromatography' by Mr P Karthick Venkatesh, Application Specialist, Spinco Biotech Pvt Ltd, Perungudi, Date: 15.02.2019. v. On 'Modern Approaches in Drug Delivery' by Dr Mukesh Doble, Professor (Emeritus) IIT, Madras, Chennai, and Dr K S G Arulkumar, Vice Principal, KMCH College of Pharmacy, Coimbatore. Date: 28.02.2019. vi. On 'Revolution in Solar Power Technology' by Dr N Muthukumarasamy, Prof. & Head, Department of Physics, CIT, Coimbatore. Date: 23.03.2019.
Damanjodi	<p>a) Seminar: On 'Advances in Alumina Making Process'. Date: 24.11.2018</p> <p>b) Workshop: On 'Technology Advances in Water Treatment Plants'. Date: 19.01.2019</p>
Doaba	<p>a) Conference:</p> <ul style="list-style-type: none"> i. On 'Advances in Chemical and Environmental Engineering'. Date: 23 & 24.03.2019 ii. On 'Occupational Safety and Environment Management in Process Industries'. Date: 3 -7.06.2019
Guwahati	<p>a) Technical Lectures :</p> <ul style="list-style-type: none"> i. On 'Tribo-Electrostatic and its Application in Fine Coal Preparation' by Dr R K Tiwari, CSIR IMMT. Date: 02.07.2018 ii. On 'Molecular Design of Polymeric Ionic Liquids' by Dr Tarak Patra, Centre for Nanoscale Materials, Argonne National Laboratory, USA. Date: 14.09.2018 iii. On 'Evaluation of Physical Properties by Using Acoustic Resonance Phenomena for Porous Food Materials' by Prof Takahisa Nishizu, GIFU University. Date: 23.10.2018 iv. On 'Can Supercapacitors Surpass Batteries for Electric Mobility?' by Dr S A Ilangoan, Vikram Sarabhai Space Centre. Date: 01.11.2018 v. On 'Electrocatalytic Oxidation of Arsenite Using Pt Based Electrodes' by Prof Hasnat, Shajalal University of Science and Technology, Bangladesh. Date: 26.11.2018 vi. On 'Co-ordination Assisted Self-assembled Nanostructure: A Futuristic Engineered Nano-formulation for Advanced Therapeutic Application' by Prof Santanu Chattopadhyay, IIT, Kharagpur. Date: 24.12.2018 vii. On 'Evidence of Economically Sustainable Village-scale Microenterprises for Arsenic Remediation in Developing Countries' by Dr Mike German, Lehigh University. Date: 04.02.2019 viii. On 'Emerging Trends in Food and Bio Process Engineering' by Prof Venkatesh Meda, University of Saskatchewan, Canada. Date: 17.02.2019 ix. On 'Multiscale Modeling of Biomass Thermochemical Conversion' by Dr Himanshu Goyal, University of Delaware Energy Institute. Date: 28.02.2019 x. On 'Stress Banding in Compressed Quasi-two-dimensional Aqueous Foams' by Dr Chirag Kalelkar, IIT, Kharagpur. Date: 16.04.2019 xi. On 'Pattern Formation, Dynamics and Breakup of Sub-rayleigh and Rayleigh Charged Droplets' by Prof Rochish Thaokar, IIT, Bombay. Date: 29.05.2019

	<p>xii. On 'Exothermic Reactions in Continuous Flow Reactors: Role of Relative Rates of Various Physicochemical Phenomena' by Dr Amol A Kulkarni, NCL Pune. Date: 31.05.2019</p> <p>xiii. On 'Surface Modification of Membranes by Nanomaterials for Water Applications' by Prof W J Lau of School of Chemical and Energy Engineering, Universiti Teknologi Malasia. Date:10.06.2019</p> <p>b) Seminar Industry-Academia Interface on Upstream Petroleum Engineering. Date: 10.11.2019 The following lectures were presented at the seminar:</p> <p>i. On 'Fundamentals of Petrophysics' by Prof Archana Nair, Dept of Civil Engineering., IIT Guwahati.</p> <p>ii. On 'Reservoir Management' by Mr Manish Kumar, Oil India Ltd.</p> <p>iii. On 'Pressure Transient Analysis' by Mr Bhaskar Bhargav, Gas Authority of India Ltd.</p> <p>iv. On 'Enhanced Oil Recovery' by Mr Debashish Baishya, Oil India Ltd.</p> <p>c) Workshops:</p> <p>i. On 'Ansys' . Date: 01.09.2018</p> <p>ii. On 'MATLAB'. Date: 23.09.2018</p> <p>iii. On 'Applied Optimization'. Date: 29.09.2018 & 07.10.2018</p> <p>iv. On 'Computer Aided Applied Optimization'.Date: 06.10.2018</p> <p>v. On 'Machine Learning & Deep Learning' 10.11.2018</p> <p>vi. On ' Aspen Plus'. Date: 07.04.2019</p> <p>vii. On Thermal Analysis of Materials. Date: 24 & 31.05.2019</p> <p>viii. On 'Numerical Techniques with MATLAB'. Date: 26.09.2018 - 14.11.2018</p>
<p>Hyderabad</p>	<p>a) Technical Lectures:</p> <p>i. Gas Liquid Reactions – a New Approach for Regime Identification and Development of Criteria' by Prof D P Rao, former Head, Dept. of Chemical Engineering, IIT, Delhi. Date: 08.10.2018.</p> <p>ii. On 'Mixed Oxides and Nanocomposites as Recyclable Catalysts for Synthesis and Water Treatment' by Dr Sreekantha B Jonnalagadda, Senior Professor of Chemistry, University of Kwazulu – Natal, South Africa. Date: 18.01.2019.</p> <p>b) Seminar: On ' Innovations in Chemical Sector'. Date: 10.05.2019</p> <p>c) Student Chapter Activities: Jawaharlal Nehru Technological University, Hyderabad: Lecture: On 'Nuclear Magnetic Resonance Spectroscopy' by Prof Y Jayaprakash Rao, Department of Chemistry, Osmania University. Date:25.02.2019 Seminar: On 'Recent Advances on Mass Spectroscopy'. Dr Jagadeeshwar Reddy, Senior Scientist, IICT, Hyderabad was the Resource Person. Date:25.02.2019 Symposium 'GENOS 2K19'. Date: 15 &16.03.2019 Jawaharlal Nehru Technological University, Anantapur Workshop On 'Experimental Approaches & Instrumental Aspects in Analytical Chemistry'. Date: 06 – 08.02.2019.</p>

	<p>Symposium 'FUSION-2k19'. Date: 29.03.2019. Osmania University College of Technology, Hyderabad</p> <p>Short Term Course On 'Chemical Vapour Deposition'. Date: 14 - 21.09.2018</p> <p>Lecture On 'Reduction of Green House Gases from Thermal Power Plants' by Prof V V Mahajani, Institute of Chemical Technology (ICT), Mumbai. Date: 23.02.2019 Anurag Group of Institutions, Hyderabad</p> <p>Technical Fest RASAYANIKA 2K18. Date: 19 & 20.12.2018</p> <p>Lectures</p> <ul style="list-style-type: none"> i. On 'Accident Prevention in Chemical Process Plant' by Mr G K Anand, Advisor, IL&FS Environmental Services Pvt. Ltd, Hyderabad. Date: 25.08.2018. ii. On 'Modelling and Simulation of Heat Exchangers' by Dr T Sunil Kumar, Associate Professor, Dept of Chemical Engg., NIT, Warangal. Date: 26.11.2018. iii. On 'Environmental Challenges in Pharmaceutical Engineering' by Dr J V N Reddy, Associate President-Corporate-EHS, Aurobindo Pharma Ltd. Date: 19 & 20.12.2018 iv. On 'Mathematical Modelling for Dissolution Kinetics of Lithium Ion Battery' by Dr Balaji Krishnamurthy, Associate Professor, Dept. of Chemical Engineering, BITS Pilani, Hyderabad. Date: 12.03.2019 v. On 'Industrial Applications of Chemical Engineering' by Mr G Vijaya Kumar, Process Engineering and Senior Consultant, Invensys. Date: 19.03.2019
Jaipur	<p>a) Talk: On 'Industrial Applications of Radiotracers' by Dr Avinash Chandra, Associate Professor, Thaper University. Date: 24.12.2018</p> <p>b) Workshop: On 'Industry Skills'. Date: 15 & 16.09.2018.</p> <p>c) Student Chapter Activities: MNIT, Jaipur Poster Presentation For students of M.Tech, Chemical Engineering.</p>
Kanpur	<p>a) Student Chapter Activities: University Institute of Engineering & Technology, CSJMU University, Kanpur</p> <p>Lectures:</p> <ul style="list-style-type: none"> i. On 'Analysis of Safety – Critical Nuclear Reactor Using Hidden Markov (HMM)' by Dr Lalit Kumar Singh, Scientist, BARC, Mumbai. Date: 27.07.2018 ii. On 'High Temperature Composites for Aerospace Application' by Dr Manoj Kumar Misra, Scientist D, DMSRDE/DRDO, Kanpur. Date: 15.09.2018 iii. On 'Steam and Its Uses in Industry' by Prof D Swain, NSI, Kanpur. Date: 11.02.2019
Kharagpur	<p>a) Lectures/Talks:</p> <ul style="list-style-type: none"> i. On 'Decontamination of Water by Nano-particles and Its Hybrids: Role of Surface Functionalization' by Prof Rajdip Bandyopadhyay, Dept of Chemical Engineering, IIT, Bombay. Date: 16.01.2019 ii. On Adhesion and Fracture of Soft Materials' by Prof Arunangshu Ghatak, Dept of Chemical Engineering, IIT, Kanpur. Date: 02.05.2019

	<p>b) Memorial Lectures:</p> <ul style="list-style-type: none"> i. Prof M N Rao Memorial Lecture On 'Turbulence Phenomena in Nature' by Prof V Kumaran, Dept of Chemical Engineering, IISc Bangalore. Date: 14.09.2018. ii. 2nd Bharat Ratna Dr A P J Abdul Kalam Memorial Lecture on 'Biohythane – A Future Fuel' by Prof Debabrata Das, Dept of Biotechnology, IIT, Kharagpur. Date: 23.10.2018.
Mangalore	<p>a) Student Chapter Activities:</p> <p>NITK, Surathkal Lecture: On 'Plant Cell Culture Bioprocess Development and Scale-up' by Dr Smita Srivastava, IIT Madras. Date: 10.08.2018.</p> <p>MIT, Mahe Symposium: 'CHEMIGNITE 2k18'. Date: 20.10.2018</p>
Mumbai	<p>a) Lecture: On 'Environment Management with Emphasis on Wastewater Treatment' by Mr Yogen Parekh, Environmental Consultant. Date: 15.06.2019.</p>
Nadiad	<p>a) Lecture :</p> <ul style="list-style-type: none"> i. On 'Troubleshooting'. Date: 18.09.18 ii. On 'Cooling Tower'. Date: 17.12.2018 <p>b) Workshop: On DWSIM. Date: 25.07.18</p>
Nagpur	<p>a) Student Chapter Activity: Visvesvaraya National Institute of Technology, Nagpur</p> <p>Conference: CHEMIX-19 – A national meet on inter-disciplinary research in the field of Chemical Engineering was organized. Date: 30 & 31.03.2019.</p>
Northern	<p>a) Lectures: Learning with Leaders Series. Date: 06.10.2018</p> <ul style="list-style-type: none"> i. On 'Chemical Engineering Applications to Food Processing Industry' by Mr P L Kaul, Managing Director, Mariental India Pvt Ltd. ii On 'Cellulosic Ethanol – Opportunities and Challenges' by Mr Jonny Goyal, Principal Research Analyst, IHS Chemicals - PED, HIS Markit. <p>b) Foundation Day: Date: 09.01.2019</p> <ul style="list-style-type: none"> i. On 'Low Carbon Imperatives – Indian & Indian Oil's Initiatives' by Dr SSV Ramakumar, Director (R&D), Indian Oil Corp. Ltd. ii. On 'Green and Clean Energy: Challenges and Opportunities' by Dr Sanjeev S Katti, Director General, ONGC Energy Centre. <p>c) Seminars:</p> <ul style="list-style-type: none"> i. On '3D Printing – Industrial Application & Demonstration, Corn Starch Compostable Bio-Plastic, Recycling of Plastics and Graphene Uses and Application'. Date: 06.04.2019. The following speakers spoke about different aspects: i. On '3D Printing – Industrial Application' by Prof P V M Rao, Head, Department of Design, IIT, Delhi. ii. On 'Corn Starch Compostable Bioplastic' by Dr Anomitra Chakravarty, Managing Director, KPS Consultants & Impex Pvt Ltd. iii. On 'Recycling of Plastics' by Mr Mihir Banerji, President, Indian Plastics Institute.

	<p>iv. On '3D Printing and Demonstration' by Mr Saroop Chand, Adroitec Information Systems Pvt Ltd.</p> <p>ii. On 'Opportunities in Alternative Usage of Coal' in association with Lovraj Kumar Memorial Trust. Date: 08.02.2019. The following topics were covered:</p> <p>i. On 'Possibilities on Alternatives on Usage of Coal' by Mr Thomas Mathew, Reliance Industries.</p> <p>ii. On 'Coal Gasification – An Opportunity to Meet Chemical & Petrochemical Demand of India' by Mr Rajesh Jha, Adani Synenergy Ltd.</p> <p>iii. On 'Coal Gasification' by Mr A N Tiwari, Jindal Steel & Power Ltd.</p> <p>iv. On 'Non Coking Coal to Metallurgical Coke' by Dr Alok Tripathy, CSIR-IMMT.</p> <p>v. On 'Bio CBM' by Dr Sanjeev S Katti & Dr Nimmi Singh, ONGC Energy Centre.</p> <p>vi. On 'CBM' by Mr P N Hajra, Formerly with ONGC.</p> <p>vii. On 'Coal to Fertilizers' by Mr Devendra Prasad, Coal India Ltd.</p> <p>d) Student Chapter Activities:</p> <p><i>Delhi Technological University, Delhi</i></p> <p>i. Alchemist – Technical Paper Presentation. Date: 08.02.2019</p> <p>ii. Confluence – the Annual Technical Conference. Date: 10.02.2019</p> <p><i>University School of Chemical Technology – Guru Gobind Singh Indraprastha University, Delhi</i></p> <p>Avishkar – the Online Poster Making Competition. Date: 11.01.2019</p>
<p>Pune</p>	<p>a) Project Competition:</p> <p>The event was organized for UG students from 10 colleges under the Pune RC. Date: 21.6.2019</p> <p>b) Students Chapter Activities:</p> <p><i>Dr D Y Patil Institute of Engineering, Management and Research, Pune</i></p> <p>Chemitrix-2019. Date: 13 &14.02.2019</p> <p>Lectures:</p> <p>i. On 'Ansys, CFD & Its Application in Chemical Engineering'. Date: 24.08.2018</p> <p>ii. On 'Flow of Compressible Fluid, Natural Gas Pipeline, Underground Pipeline, Piping Designing'. Date: 27.09.2018.</p> <p>iii. On 'Chemsys'. Date: 04.10.2018</p> <p>iv. On 'CRE-II'. Date: 12.10.2018</p> <p><i>MIT Academy of Engineering, Pune</i></p> <p>Lectures:</p> <p>i. On 'Introduction to Process Simulation in Chemical Engineering'. Date: 30.07.2018</p> <p>ii. On 'Application of Thermodynamics in Chemical'. Date: 14.09.2018</p> <p>iii. On 'Process Engineering'. Date: 24.09.2018</p> <p>iv. On 'Microreactor Design and Scale Up'. Date: 24.09.2018</p> <p>v. On 'Catalyst'. Date: 24.10.2018</p> <p>vi. On 'Qualitative Research'. Date: 13.02.2019</p> <p>vii. On 'Thermal Methods of Analysis'. Date: 24.04.2019</p> <p>Workshops:</p> <p>i. On 'Introduction of Aspen-Hysys'. Date: 17.09.2018</p> <p>ii. On 'Design & Engineering of Chemical Plant from Process Engineering Perspective'. Date : 22 & 23.02.2019</p> <p>iii. On 'AUTOCAD'. Date: 01& 02.03.2019</p>

	<p>iv. On 'PRO II'. Date: 05 & 06.03.2019</p> <p>v. On 'ASPEN HYSYS Dynamic Module. Date: 08 - 29,04.2019</p> <p>Conference:</p> <p>'PRAKALP 2018'. Date: 28 & 29.09.2018.</p> <p>Pravara Rural Engineering College, Loni</p> <p>E-Conference:</p> <p>On 'Recent Trends in Chemical Engineering'. Date: 19.09.2018.</p> <p>Lectures:</p> <p>i. On 'Process Safety in Chemical Industries' Date: 06.07.2018</p> <p>ii. On 'Process Engineering in Industries'. Date: 08.03.2019</p> <p>Workshop:</p> <p>i. Certificate Course on Process Engineering. Date: 24.12.2018 - 25.01.2019</p> <p>ii. On 'ChemCad Process Simulation'. Date: 03 – 09.02.2019.</p> <p>VIT, Pune</p> <p>Workshops:</p> <p>i. On 'Aspen Plus'. Date: 08 -11.09.2018.</p> <p>ii. On ' Pump'. Date: 08 & 09.02.2019</p> <p>iii. On 'Autocad'. Date: 08-11,03.2019</p> <p>iv. On 'HTRI'. Date: 23-24,03.2019</p> <p>Conference :</p> <p>On 'Energy and Environment-(ICEE-2019).</p>
Rourkela	<p>a) Lecture:</p> <p>On 'Air Separation: Engineering Aspect and Plant Practice' by Mr. Kaushal Nath, Senior Engineer, Linde India Ltd. Date: 27.03.2019.</p>
Trivandrum	<p>a) Lecture:</p> <p>On 'Two dimensional Layered Nanomaterials: Challenges and Opportunities towards Modernizing 21st Century' by Dr R Lakshminarayanan, DGM [(Scientist (E4)].Corporate R&D Centre, HLL Life Care Ltd., Trivandrum. Date: 06.12.2018.</p> <p>b) Student Chapter Activities:</p> <p>Sri Chitra Thirunal College of Engineering, Trivandrum</p> <p>Seminar:</p> <p>On 'Applications of Chemical Engineering to Biotechnology and Societal Needs'. Date: 09.03.2019.</p> <p>Conference:</p> <p>Equilibria'19 on 'Innovative and Sustainable Development in Bioscience and Technology'. Date: 12 & 13.04.2019.</p> <p>TKM College of Engineering, Trivandrum</p> <p>Lecture:</p> <p>On 'Desalination and Water & Waste Water Treatment Technologies' by Dr B Krishnakumar, NIIST,Trivandrum. Date: 13.02.2019.</p>
Vapi	<p>a) Seminars:</p> <p>i. On 'Latest Trends in Clean Environment Technologies (with Focus on Agitated Thin Film Drier)'. Date: 25.08.2018.</p> <p>ii. On 'The Latest Innovations in Chemical Technology to Improve the Environment' by Padmvibhushan Prof M M Sharma. Date: 22.01.2019.</p> <p>iii. On 'Emerging Opportunities for Environmental Sustainability' by Mr Pinakin Patel, T2M Global Consultant and expert on Fuel Cell Technology.</p>

Waltair	<p>a) Student Chapter Activities: GVP College of Engineering, Visakhapatnam</p> <p>i. Lectures :</p> <p><i>i.</i> On 'Overview of Petroleum Refining Industry and Processes' by Mr V Shashankar. Date: 01.09.2018</p> <p><i>ii.</i> On 'Experimental & Computational Methods for Characterization of Materials for Solar Energy Applications' by Mr M S K V N Rao. Date: 14.11.2018</p> <p><i>iii.</i> On 'Trouble Shooting of Distillation Columns in Process Industries' by Mr N Sitaram. Date: 04.01.2019</p> <p><i>iv.</i> On 'Advances in Petroleum and Energy Technologies' by Mr B Ravi Kumar. Date: 31.01.2019</p> <p><i>v.</i> On 'Dewetting and Soft Lithography: A Versatile Tool for Nano Fabrication' by Dr B Nandini. Date: 16.03.2019</p> <p><i>vi.</i> On 'Hazard and its Identification' by Mr N Sitaram. Date: 22.03.2019</p> <p>ii. CHEMISPHERE 2019 Date: 06 – 08.03.2019</p>
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6.0 Council Meeting Highlights

The IChE Council had the following meetings between 1 April 2018 and 31 March 2019.

6.1 3rd meeting for 2018, held at Osmania University, Hyderabad on 1 May 2018.

Administrative

R&D Vision

Honorary Secretary Prof S K Das reported receipt of a communication from Prof B P Mandal, Convener of the Research & Development Committee, comprising an evaluation report of all the 36 R&D project proposals received within stipulated time. A list of the first five proposals (with ranking), as shortlisted by the members of said committee, was also presented for consideration of the Council and for release of Rs. 5.0 lakh in the 1st year.

Constitution Amendment

A Review Committee was constituted for the 'Amendments of the Constitution' of IChE comprising of the following members:

i. Mr Shyam Bang, Past President, IChE (Coordinator); ii. Prof P De, Past President, IChE; iii. Prof Vinay K Srivastava, President, IChE; iv. Prof K S Rajanandam; and, v. Prof M S Rao.

Celebration of Founder's Day

President, IChE, Prof Vinay K Srivastava suggested to henceforth observe the birth anniversary of Dr H L Roy as the FOUNDER'S DAY on 2nd November and FOUNDATION DAY on 18th May in all Regional Centres. The Council appreciated the idea and accepted it.

Organisational Membership

The Council approved admission of National Institute of Technology, Durgapur as Life Organisational Member of IChE.

Examination

Proposed Syllabus and Modified Curriculum for Associate Membership Examination

As advised by the Council in its 6th and the Last meeting for the year 2017, Dr. M Rajasimman, Hony. Controller of Examinations, in consultation with the members of the Examination & Education Committee, IChE presented a revised AMIChE curriculum, based on credit points. This was in conformity with the guidelines of AICTE.

Following discussion, the Council accepted the revised curriculum. The Council further stressed that laboratory practicals as well as the examinations would need to be conducted in the nearby institutes and accordingly certificate would be issued after the examination. The Council also requested Dr. Rajasimman to frame the rules and guidelines for the Examination, including conduct of practicals at laboratory.

6.2 4th meeting for 2018, held at NRC Building, New Delhi on July 14, 2018

R&D

Prof B P Mandal presented an update about the sponsored R&D project proposals, to be funded by IChE. Out of the 36 proposals received and reviewed, the best five (5) proposals were considered for approval. Finally, the Council approved three (3) proposals. As per rules, release of funds totalling Rs 15 lakh for 3 years (@ Rs. 5 lakh for 1 year) was approved by the Council.

Prof Mandal further proposed an initiative by IChE to offer short term fellowship for 6 months @ Rs 5,000 per candidate under an R&D internship programme. He suggested that annually 10 candidates could be considered under this programme. The Council decided that the R&D Committee should look into the new proposal and give its recommendation.

Organisational Membership

The Council approved admission of the following Organisational Members:

- i. Dibrugarh University Institute of Engineering and Technology, Dibrugarh, Assam.
- ii. Shivajirao S Jondhale College of Engineering, Dombivli, Mumbai

CHEMCON

The President, Prof Vinay K Srivastava observed that henceforth the audited accounts of CHEMCON must have to be routed through the concerned Regional Centre, which had submitted bid for organizing the concerned CHEMCON. If such protocol is not followed, such accounts would not be processed further, the President suggested.

In this connection, the Council also decided that in case of any post-CHEMCON query raised by the designated IChE authority, a note would be initiated by the Secretary, IChE HQ to request the Chairman/ Secretary of the concerned Regional Centre to discuss the matter by appearing in person at the IChE HQ.

Regional Centre Affairs

New Regional Centre

Thirty (30) Members of Sriharikota (ISRO) had sent an Email with signature, dated 5 July 2018, requesting the Council to allow them to form an independent Regional Centre of IChE at Sriharikota. In this regard, they had already requested the Chairman of IChE-Guntur Regional Centre (GRC) to relieve the IChE Sriharikota members from GRC. The consequent approval letter of GRC had also been sent to the IChE Headquarters.

The Council deliberated on the request and approved it.

Student Chapter Affairs

New Students Chapters: The Council approved the formation of Students' Chapter at the Department of Chemical Engineering, Jawaharlal Nehru Engineering College, Aurangabad under Pune Regional Centre, IChE and at the Department of Chemical Engineering, Sriram Engineering College, Tiruvallur under Chennai Regional Centre, IChE.

HQ Library

The Council decided to rescind the provisional MoU between the HQ and the Calcutta Regional Centre (CRC), signed on 9 March 2018, as per which the CRC was to operate and maintain the Library at the HQ building for 11 months.

As a result of the Council decision, status quo remains as far as the library is concerned.

6.3 5th meeting for 2018, held at ICT, Mumbai on October 26, 2018

Fellowship

The Council elected Dr D Mandal (BARC, Mumbai.), Prof A K Saroha (IIT, Delhi), Prof M Lakshmikantam (ICT, Mumbai) and Dr K Mudali (Chairman, Heavy Water Board) as Fellow of the Institute, considering the recommendations received from the Fellowship Committee.

Organisational Membership

The Council approved admission of Sir Visvesvaraya Institute of Technology, Chincholi, Nashik as Organisational Member of IChE:

Awards

Modification of Criteria

Jubilant Award: The Council approved the following revisions in the eligibility criteria for the award:

- i. For process design of continuous or batch process plant, data could be collected from R&D and/or pilot plant, including scale-up of plant.
- ii. Successful commissioning of a commercial scale plant will be recognized.
- iii. Individual chemical engineer or a team of chemical engineers will qualify for the award.

Acharya P C Ray Award and Ambuja's Best Design Project

Report Awards: The Council decided that AMIChE Projects will be eligible for the award, subject to approval by Ambuja Educational Institute.

Student Chapter Affairs

New Students' Chapters: The Council approved in principle formation of the Students' Chapter in the the following institutes, subject to fulfilment of the criteria, laid down in the By-laws:

- (i). RVS College of Engineering and Technology, Coimbatore;
- (ii) J C College of Engineering and Technology, Coimbatore, and
- (iii) Nandha Engineering College, Erode under Coimbatore Regional Centre.

6.4 6th meeting for 2018 held at NIT Jalandhar, Jalandhar on December 27 and 28, 2018

Fellowship

The Council elected Prof Lalit Kumar Awasthi, Director, NIT Jalandhar as Honorary Fellow of the Institute, considering the recommendations received from the Fellowship Committee.

The Council elected Prof Shishir Sinha (IIT, Roorkee) and Mr Praveen Saxena (Director, Blast Carboblocks Pvt. Ltd., Mumbai) as Fellow of the Institute, considering the recommendations received from the Fellowship Committee.

Administrative

Donation for HQ Buiding Renovation

Prof V K Srivastava (Delhi), former President, IChE expressed his desire to donate a sum of Rs 90,000/- towards renovation of the IChE HQ building in Kolkata. This amount was due to him on account of his travel allowance during 3-year tenure of his IChE Council Membership.

The Council appreciated his gesture.

Organisational Membership

The Council approved admission of SMPS Consultants LLP, Ahmedabad as Annual (2018 – 19) Organisational Members of IChE.

Financial

Appointment of Auditors

The Council approved appointment of N Chatterjee & Associates, Chartered Accountants, Kolkata as Statutory Auditors for the FY 2018-19, for serving the Institute as per the provisions of Section 224(1B) of the Companies Act, 1956, subject to their formal appointment at the AGM of IChE.

Regional Centre Affairs

Renaming of Regional Centre

In pursuance of the requests of the members of the Executive Committee of the Guntur Regional Centre, the Council approved its renaming as Amaravati Regional Centre.

Student Chapter Affairs

New Student Chapters: The Council approved in principle formation of a Students' Chapter at Indian Institute of

Petroleum & Energy, Andhra University, Visakhapatnam, subject to fulfilment of the laid down criteria in the By-laws.

6.5 1st meeting for 2019 held at NIT Jalandhar, Jalandhar on December 29, 2018

Election of the President

The members elected Prof S V Satyanarayana as the President of the Institute for the year 2019.

Election of two Vice-Presidents

Mr D M Butala and Prof V V Basava Rao were elected as the Vice-Presidents of the Institute for the year 2019.

Election of Other Office Bearers

For the year 2019, the members elected Prof A Bandyopadhyay as the Honorary Secretary of the Institute, Mr M Ranga Rao as the Honorary Jt Secretary; Dr G S V Ratnam as the Honorary Treasurer; Mr Praveen Saxena as the Honorary Registrar; and Dr M Rajasimman as the Honorary Controller of Examinations.

Dr Sanjeev S Katti, Director General, ONGC Energy Centre, Delhi was inducted into the Council for the year 2019 as a co-opted member.

6.6 2nd Meeting for 2019 held at IChE Headquarters, Kolkata on March 2, 2019

Induction of Council Member

Following a written request by Hony. Secretary, Prof. Amitava Bandyopadhyay, AICTE renominated Prof. V S Sapkal, Professor & Head, Department of Chemical Technology, Sant Gadge Baba Amravati University, as a member of the Council for the year 2019.

New Committees

The Council approved constitution of 13 Standing Committees and 5 Other Committees:

Standing Committees 2019

Name of the Committee	Members
Admission	Mr Praveen Saxena (Convener) Prof M V Rao (Chairman) Prof Bishnupada Mandal Dr K B Radhakrishnan Prof V K Rattan Prof Shrihari Prof Shishir Sinha
Publication	Prof S Basu (Convener) Mr Shyam Bang (Chairman) Dr M K Ghosh

	<p>Prof Bishnupada Mandal Prof Anil Verma Mr Abhijit B Pal Prof S C Naik Mr. D.M. Butala (Invitee)</p>
Education & Examination	<p>Dr M Rajasimman (Convener) Dr. K B Radhakrishnan Dr.Gaurav Rattan Dr.B.Gopalakrishnan Dr.G.S.Nirmala Dr.P.Saravanan Dr.K.Kumaraguru</p>
Finance	<p>Dr G S V Ratnam (Convener) Dr. M.P.Jain (Chairman) Prof. A.Bandyopadhyay Mr. D.M. Butala Prof. M. Srinivasa Rao Prof. S.K.Gupta Mr. Ranga Rao</p>
Regional Centre Affairs	<p>Prof V V Basava Rao (Convener) Prof. M K Jha (Chairman) Prof. M. V Rao Prof. C. Karthikeyan Dr. (Mrs) Sheela Prof. S P Chausaria Dr. T L Prasad</p>
Awards/Judges	<p>Prof A Bandyopadhyay (Convener) Prof. S.V.Satyanarayana (Chairman) Prof. G.D.Yadav Prof. Shankar Narashiman Prof. K.K.Pant Prof. N.Balasubramanian Prof. Bishnupada Mandal</p>
Building	<p>Prof A Bandyopadhyay (Convener) Prof. B.B.Paira (Chairman) Prof. P. De Mr. M.Ranga Rao Dr. M.P.Jain Prof. Asim K De Prof. P.Sarkar Dr. Avijit Ghosh (Invitee) HOD, Civil/Electrical, JU (Invitees)</p>
Research & Development	<p>Prof A Bansal (Convener) Prof M K Jha (Chairman)</p>

	<p>Prof Vinay K Srivastava Dr M Rajasimman Prof(Mrs) Amrit Pal Toor Dr Rajiv Arora Dr. Madhu Agarwal</p>
International Relations	<p>Prof S C Naik (Convener) Prof G D Yadav (Chairman) Prof N Balasubramanian Prof Alpana Mahapatra Dr T L Prasad Prof M K Jha Prof Anil K Saroha Prof S V Satyanarayana (Ex officio) Prof A Bandyopadhyay (Ex officio)</p>
Library, Documentation & Website	<p>Prof A Bandyopadhyay (Convener) Prof. S.V.Satyanarayana (Chairman) Prof. V V Basava Rao Mr. Ranga Rao Prof. N Balasubramanian Prof. S K Gupta Dr M Rajasimman</p>
Student Chapter Affairs	<p>Mr. D M Butala (Convener) Prof N Balasubramanian (Chairman) Prof. Bishnupada Mandal Dr. G S Venkat Ratnam Dr G Rattan Dr M Rajasimman Mr. Dhawal Saxena</p>
Honorary Fellowship	<p>Prof A Bandyopadhyay (Convener) Prof. S.V.Satyanarayana (Chairman) Prof. B.B.Paira Prof. G. D. Yadav Dr. Sukumar Devotta Prof. K.K.Pant Prof. S.C.Naik</p>
Chemcon Distinguished Speaker	<p>Prof A Bandyopadhyay (Convener) Prof. S.V.Satyanarayana (Chairman) Mr. Sanjiv Singh, Chairman, IOCL & Chairman, NOC, CHEMCON 2019 Prof. A.K. Saroha., Org. Secy, CHEMCON 2019 Prof. G. D. Yadav Representative of the concerned Donor companies</p>

Other Committees

Name of the Committee	Convener
Legal	Mr D M Butala (Convener) Prof. B.B.Paira (Chairman) Prof. P.De Prof. Vinay K Srivastava Dr. M.P.Jain Dr. G S Venkat Ratnam Prof. A.Bandyopadhyay
Chemical Process Safety Group	Dr T L Prasad (Convener) Prof S C Naik (Chairman) Mr Joy M Shah Mr D M Butala Mr Vijay Bhujle Prof K A Badarinarayan Mr K T Shenoy Prof K S Rajanandam (Invitee) Dr. Venkat Ratnam (Invitee)
HQ office administrative Committee	Prof A Bandyopadhyay (Convener) Prof B B Paira (Chairman) Mr Dipak Dutta Mr P R Datta Ray Dr Avijit Ghosh Dr Goutam Mitra Mr A Sural Prof Asim K De Mr M Ranga Rao [Committee will be constituted as and when required on case-to-case basis by the Honorary Secretary, IICChE HQ].
Chemcon Protocol Committee	Prof N Balasubramanian (Convener) Prof P De (Chairman) Dr Bishnupada Mandal Mr D M Butala Mr Praveen Saxena Dr M K Jha Dr K S Rajanandam Dr Madhu Agarwal
Industry-Institute Interaction	Mr Praveen Saxena (Convener) Mr Sanjeev Katti (Chairman) Mr Shyam Bang Mr D M Butala Prof N Balasubramanian Dr. (Mrs) Sheela Mr Anil Gujral

Fellowship

Following the standing practice, the Council elected Prof. Vinay K Srivastava, Immediate Past President, as a Fellow of the Institute.

Organisational Membership

The Council approved renewal of Annual Organisational Membership of IChE by Amal Jyothi College of Engineering, Kerala.

Student Chapter Affairs

Student Chapters: The Council approved in principle formation of a Students' Chapter at Gharda Institute of Technology, Ratnagiri, under the aegis of Lote Parasuram Regional Centre, subject to fulfilment of the laid down criteria in the By-laws.

Certificate Course

Council approved introduction of a Certificate Course in Chemical Process Safety, to be offered by IChE in association with Regional Centres.

Administrative

In view of the enhanced market price and 'Paucity of Fund' at IChE, the Council approved an upward revision of the tariffs for Guest Houses / Auditorium / Seminar Hall / Assembly Hall at the IChE HQ as follows:

	Existing (in Rs)		Revised (in Rs)	
	JU	Others	JU	Others
Guest House (AC)	700/-	900/-	900/-	1200/-
Guest House (Non-AC)	400/-	600/-	600/-	800/-
Auditorium(AC)	2500/-	3500/-	5500/- (Full day)	7000/- (Full day)
Auditorium (Non-AC)	1500/-	2500/-	5000/- (Full day)	6500/- (Full day)
Seminar Hall (AC)	1500/-	2000/-	4000/- (Half day)	5200/- (Half day)
			5100/- (Full day)	6650/- (Full day)
Assembly Hall	1200/-	1500/-	2000/-	2500/-

[Note: JU = Jadavpur University; Full Day = 8 hrs; Half Day = 4 hrs]

For additional period of use, an amount of Rs 1000/- per hour will be charged. The proposed rates are exclusive of GST charges. However, GST charges (if any) will be applicable as per governmental stipulations.

Note: Conventionally, the Council Meetings are hosted by Regional Centres. Accordingly, the Calcutta Regional Centre (CRC) hosts Council Meetings, held at the venue of the headquarters (Kolkata). However, this particular meeting of

the Council (2019) was hosted by the headquarters itself. Moreover, the customary meeting between the Council and the local Regional Centre that immediately follows the Council Meetings did not take place either, because the CRC did not submit any prior requisition to this effect.

7.0 Institute's Representatives to Various Bodies

1) Bureau of Indian Standards

- Chemical Engineering Plants & Related Equipment Sectional Committee
Principal Nominee - Mr G V Sethuraman
Alternate Nominee – Mr A K Saxena
- Chemical Division Council
Principal Nominee - Prof S K Sharma
Alternate Nominee - Dr S Mukherjee
- Refrigeration & Airconditioning Sectional Committee
Principal Nominee – Dr D Sathiamoorthy
Alternate Nominee – Dr Sudip K Das

The following committees are non-functional

- Basic Chemical Engineering Standards
- Process Vessels Sub-committee
- Heat Generation & Heat Transfer Equipment Sub-committee
- Crushing & Grinding Equipment Sub-committee
- Size Separation & Filtration Sub-committee
- Drying Equipment Sub-committee
- Packing & Gasket Sectional Committee
- Refrigeration & Airconditioning Sectional Committee

2) Asia Pacific Confederation of

Chemical Engineering – President, IChE

3) Engineering Council of India -

Mr. Shyam Bang and Prof V K Srivastava

4) 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 2019 is given below along with the corresponding figures as on March 31, 2018 and March 31, 2017.

	March 31, '19	March 31, '18	March 31, '17
Organisational Member (Life)	79	77	64
Organisational Member (Annual)	61	60	61
Honorary Fellow	127	128	128
Fellow (Life)	121	121	114
Fellow	22	22	22
Member (Life)	5492	5381	5305
Member	749	750	753
Life Associate Member	3081	2958	2675
Associate Member	928	931	934
Student Member	20,440	17,332	15,555

The number of Corporate Members attached to each of the Regional Centres (as on March 31, 2019) are as follows:

Sl. No	Regional Centre	No. of Members
1.	Ahmedabad	202
2.	Amaravati	67
3.	Ankleshwar	525
4.	Annamalai	81
5.	Bangalore	205
6.	Baroda	442
7.	Bhubaneswar	138
8.	Calcutta	740
9.	Chandigarh	116
10.	Chennai	539
11.	Coimbatore	183
12.	Damanjodi	76
13.	Dehradun	55
14.	Dhanbad	36
15.	Doaba	49
16.	Durgapur	27
17.	Goa	43
18.	Guwahati	177
19.	Haldia	150
20.	Hyderabad	516
21.	Jaipur	83
22.	Kalpakkam	98
23.	Kanpur	91
24.	Kharagpur	97

25.	Kochi	345
26.	Lote	84
27.	Lucknow	54
28.	Mangalore	77
29.	Mumbai	960
30.	Nadiad	37
31.	Nagpur	114
32.	Northern	532
33.	Paradeep	41
34.	Pilani	28
35.	Pondicherry	50
36.	Pune	265
37.	Rourkela	66
38.	Sriharikota	28
39.	Trivandrum	160
40.	Vapi	74
41.	Waltair	249

The following organizations were admitted as Organizational Members of the Institute upto March 31, 2019:

Permanent Organisational Members – Industry	
1	Alkyl Amines Ltd
2	Artemis Biotech Ltd., Mumbai
3	Asian Paints Ltd., Mumbai
4	Avon Organics Ltd., Hyderabad
5	Bentley Systems India Pvt. Ltd., Mumbai
6	Birla Cellulosic, Bharuch
7	Blast Carboblocks Pvt. Ltd., Navi Mumbai
8	Deepak Fertilisers & Petrochemicals Corporation Ltd., Pune
9	Development Organization for Sustainable Transformation, Chandigarh
10	Dr Reddy's Laboratories Ltd., Hyderabad
11	Excel Industries Ltd., Mumbai
12	Firechem, Faridabad
13	Golden Chemicals (I) Ltd., Mumbai
14	Gujarat Alkalies & Chemicals Ltd., Baroda
15	Gujarat Heavy Chemicals Ltd., Veraval

16	Haldia Petrochemicals Ltd., Haldia
17	Haldor Topsoe International A/S, New Delhi
18	Heavy Water Board, Mumbai
19	Hercules Speciality Chemicals (India) Pvt. Ltd., Bangalore
20	Herdillia Chemicals Ltd., Mumbai
21	Hetero Drugs Ltd., Hyderabad
22	Hikal Ltd., Taloja, Maharashtra
23	Hindustan Dorr-Oliver Ltd., Mumbai
24	Hindustan Latex Ltd., Thiruvananthapuram
25	Indian Oil Corporation Ltd., Refinery Division, New Delhi
26	Jacobs H&G Pvt. Ltd., Mumbai
27	Kavaerner Powergas India Ltd., Mumbai
28	Kavin Engineering & Services Pvt. Ltd., Coimbatore
29	Labindia Instruments Pvt. Ltd., Thane
30	Llyod's Register of Shipping, New Delhi
31	Mecon Ltd., Ranchi
32	MMTC-PAMP India Pvt. Ltd., New Delhi
33	National Organic Chemicals Industries Ltd., Mumbai
34	Novo Iresc India Private Ltd., New Delhi
35	Oil and Natural Gas Corporation Ltd., Dehradun
36	Oster Chemical & Pharmaceutical Works Pvt. Ltd., Kolkata
37	Pidilite Industries Ltd., Mumbai
38	RPG Life Sciences Ltd., Mumbai
39	Sartorius India Pvt. Ltd., Bangalore
40	Themis Medicare Ltd., Mumbai
41	Toyo Engineering India Ltd., Mumbai
42	TUV Sudeutshland Ltd., Mumbai
43	United Phosphorus Ltd.,
44	Vical Inc., USA

5	<i>Dibrugarh University Institute of Engineering and Technology, Dibrugarh</i>
6	HBTI, Kanpur
7	Haldia Institute of Technology, Haldia
8	Heritage Institute of Technology, Kolkata
9	High Energy Material Research Laboratory, Pune
10	IIIT Nuzvid, Rajiv Gandhi University of Knowledge Technologies, Nuzvid
11	Indira Gandhi Centre for Atomic Research, Kalpakkam, Tamil Nadu
12	Indian Institute of Chemical Technology, Hyderabad
13	Indian Institute of Technology, Guwahati
14	Indian Institute of Technology, Kharagpur
15	KLE DR. M. S. Sheshgiri College of Engineering & Technology, Belgaum
16	Mahatma Gandhi Mission's College of Engineering & Technology, Navi Mumbai
17	National Chemical Laboratory, Pune
18	National Institute of Technology, Trichirapalli
19	National Institute of Technology, Durgapur
20	National Productivity Council, Chennai
21	Nuclear Fuel Complex, Hyderabad
22	SSBT's College of Engineering & Technology, Jalgaon, Maharashtra
23	Sathyabhama Engineering College, Chennai
24	Guru Gobind Singhji Institute of Engineering & Technology, Nanded, Maharashtra
25	RVR & JC College of Engineering, Guntur
26	Regional Research Laboratory, Jorhat
27	St. Joseph's College of Engineering, Chennai
28	SSN College of Engineering, Tamil Nadu
29	Sri Venkateswara College of Engineering, Sriperumbudur, Tamil Nadu
30	Swami Ramananda Tirtha Institute, Nalgonda
31	Vikram Sarabhai Space Centre, Thiruvananthapuram
32	Institute of Chemical Technology, Mumbai
33	University Institute of Chemical Technology, North Maharashtra University, Jalgaon
34	Sir Visvesaraya Institute of Technology, Nasik
35	Shivajirao S. Jondhale College of Engineering, Thane

Permanent Organisational Members – Research & Educational Institutes

1	Annamalai University, Annamalai Nagar
2	Central Leather Research Institute, Chennai
3	Central Salt & Marine Chemicals Research Institute, Bhavnagar
4	Chaitanya Bharathi Institute of Technology, Hyderabad

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	Fertilizers and Chemicals Ltd., Secunderabad
17	Garg Lab Glass Industries, Vapi, Gujarat
18	Gas Authority of India Ltd., New Delhi
19	Gujarat Ambuja Cements Ltd., Kodinar
20	Gujarat Insecticides Ltd., Ankleshwar
21	Gujarat Narmada Valley Fertilizers Co. Ltd., Narmadanagar
22	Gujarat Sidhee Cement Ltd., Veraval
23	Gujarat State Fertilizer & Chemicals Ltd., Vadodara
24	Heavy Water Plant, Tuticorin
25	HEL India Ltd., Thane
26	Heubach Colour Pvt. Ltd., Ankleshwar
27	Hindustan Antibiotics Ltd., Pune
28	Hindustan Insecticides Ltd., New Delhi
29	Hindustan Organic Chemicals Ltd., Rasayani, Maharashtra
30	Hindustan Paper Corporation Ltd., Calcutta
31	Indian Petrochemical Corporation Ltd., Baroda

32	Indian Rayon Ltd., Veraval, Gujarat
33	Kevin Enterprises Pvt. Ltd., Mumbai
34	Mafatlal Industries, (Navine Flourine Industries – Chemical Division) Mumbai
35	Narmada Chematur Petrochemicals Ltd., Varuch
36	Nuchem Ltd., Faridabad
37	Saurashtra Cement Ltd., Gujarat
38	Sayantana Consultants Pvt. Ltd., Calcutta
39	Search Chem Industries Ltd., Jhagadia
40	<i>Shriram Alkali & Chemicals, Bharuch</i>
41	<i>Shriram Fertilizers & Chemicals, Kota</i>
42	SMPS Consultants LLP, Ahmedabad
43	Southern Petrochemical Industries Corp. Ltd., Chennai
44	Sun Pharmaceutical, Panoli
45	Surya Organics and Chemicals, Ankleshwar
46	Standard Industries Ltd., Mumbai
47	Standard Certification Council Pvt. Ltd., Mumbai
48	TCP Ltd., Chennai
49	Tata Chemicals Ltd., Mithapur
50	Textile Rubber & Chemical Co Pvt Ltd., Bhadohi
51	Trident Alco-Chem Ltd., Ludhiana
52	Vihita Chem Pvt. Ltd., Ankleshwar
53	Zuari Agro Chemicals Ltd., Zuarinagar, Goa
54	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 Associated 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
2009	1999
2010	2222
2011	2406
2012	2495
2013	2283
2014	1872
2015	1427
2016	1206
2017	1083
2018	843

The number of candidates who appeared at the final part (Part III) of the Institute's Associate Membership Examination during the last 10 years was as follows:

Year	Semester	No. Appeared	No. Passed	% of successful candidates
2009	March	22	22	100.0
	September	34	31	91.1
2010	March	56	48	85.71
	September	32	25	78.12
2011	March	53	51	96.22
	September	40	40	100.0
2012	March	56	51	91.07
	September	48	36	75.0
2013	March	80	68	85.0
	September	82	70	85.36
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

Associated Membership Examination Results

i. Out of the 22 candidates who appeared in September 2017 Examination, the following 19 candidates came out successfully.

Sl.No.	Name	Roll No.
1	Shri Pradip Yogi	99/S3/381
2	Shri Krunal S Chauhan	06/M6/83
3	Shri Shobhit Shukla	07/M7/164
4	Shri P Mariappan	08/M8/17
5	Shri E Sudheer Babu	08/S8/327
6	Shri Ajay Gupta	09/M9/215
7	Shri Sairam Akula	10/S10/422
8	Shri Umesh K Arora	10/S10/433
9	Shri Faizan Alam Ansari	10/S10/536
10	Shri Aman Sharma	10/S10/566
11	Shri Rohit Kumar	11/M11/36
12	Shri Y Venkataramanareddy	11/M11/86
13	Shri Sudhendu K Mishra	11/M11/131
14	Shri Ratnesh K Mishra	11/S11/445
15	Shri Ishwarchandra Shukla	12/S12/367
16	Shri Arpan Joshi	13/M13/200
17	Shri Naresh Kumar	13/S13/333
18	Shri Saurabh Mishra	13/S13/454
19	Shri Shammi Akhtar	14/M14/54

ii. Out of the 52 candidates who appeared in March 2018 Examination, the following 43 candidates came out successfully.

Sl.No.	Name	Roll No.
1	Shri Ajay Dhiman	05/M5/50
2	Shri Gaurang M. Notiya	07/M7/78
3	Shri Manishkumar C.Thakor	07/M7/106
4	Shri Praveen Kumar Joshi	07/M7/116
5	Shri Pramod Kumar	08/M8/141
6	Shri Ganesh Keshav Kulkarni	08/S8/248
7	Shri.Pankaj Kumar	08/S8/268
8	Shri Roopkumar Dokala	08/S8/378
9	Shri A Neelakanteswara Rao	08/S8/425
10	Shri Kalpeshkumar K. Patel	09/S9/341
11	Shri Biswambhar Das	09/S9/407
12	Shri Awadhesh Kumar Saroj	09/S9/464

13	Shri Deepak Popat Yadav	10/M10/44
14	Shri Baluguri Sagar Babu	10/M10/77
15	Shri Vipin Chandra Joshi	10/M10/224
16	Shri Sachin Saxena	10/M10/302
17	Shri Rajeshkumar A .Modh	11/M11/124
18	Shri Santu Kar	11/S11/405
19	Shri Ravindra Baban	11/S11/469
20	Shri Surendra Verma	11/S11/508
21	Shri Palash Chandra Das	12/M12/14
22	Shri Jaison C.A.	12/M12/25
23	Shri.Dharmendra Kumar	12/M12/32
24	Shri Sita Ram Chandel	12/M12/104
25	Shri Nand Kishor Singh	12/M12/113
26	Shri Sundar Singh Bhandar	12/M12/172
27	Shri Dharmeshkumar B. Lad	12/M12/257

28	Ms.Katkuri Laxmi Prasanna	12/S12/327
29	Shri Ramveer	12/S12/450
30	Shri Satyendra Singh	13/M13/18
31	Shri Zuber Ahmed Shaikh	13/M13/62
32	Shri Raj Kamal	13/M13/151
33	Shri Sarvesh Kumar Verma	13/M13/184
34	Shri Jai Veer Singh	13/M13/187
35	Shri Manishbhai D. Suthar	13/M13/248
36	Shri Puspendu Sekhar Patra	13/S13/372
37	Shri Hardik H. Shah	13/S13/448
38	Shri Arun Kumar Poddar	14/M14/59
39	Shri Ajeet Singh	14/M14/62
40	Shri Md. Rahbar Islam	14/M14/98
41	Shri Shaik Rannu Hussain	16/M16/27
42	Shri Deepak Kumar Gupta	16/M16/80
43	Ms.Pinki Dahiya	11/M11/31

10.0 IICHe Awards 2018

Following is the list of IICHe Awards, presented on the occasion of CHEMCON 2018 at Jalandhar, in recognition of eminence and excellence in various spheres of chemical engineering profession and education. The list of awardees is also provided.

Sl. No.	Name of the Awards/Prizes	Awardees of the Year
1.	Dr.B.P.Godrej Life Time Achivement Award	Dr Arun N Dravid former President, IICHe
2.	Dr H L Roy Memorial Lecture sponsored by Jacobs	Professor V A Juvekar IIT Bombay, Mumbai
3.	Aker Powergas's Prof N R Kamath and Mrs Ruzena Kamath Memorial Lecture	Mr P D Samudra Director, Thyssenkrupp Industrial Solution (India) Pvt . Ltd., Mumbai
4.	Inventaa C K Murthy Memorial Lecture	Dr U Kamachi Mudali Chairman, Heavy Water Board, Dept. of Atomic Energy, Mumbai
5.	Solenis Bharat Ratna Prof C N R Rao Medal and Chemcon Distinguished Speaker Award	Dr Rakesh Agrawal Professor, Purdue University, West Lafayette
6.	RPG Life Sciences Padma Vibhushan Prof M M Sharma Medal and Chemcon Distinguished Speaker Award	Professor Santanu Bhattacharya Director, Indian Association for the Cultivation of Science, Kolkata
7.	Asian Paints Padma Vibhushan Dr R A Mashelkar Medal and Chemcon Distinguished Speaker Award	Dr Sanjeev S Katti Director General, ONGC Energy Centre, Delhi
8.	Deepak Group's Padma Bhushan Prof L K Doraiswamy Chemcon Distinguished Speaker Award	Dr Anjan Ray Director, CSIR, Indian Institute of Petroleum, Dehradun
9.	Chemical Weekly's Padmashri Dr G P Kane Chemcon Distinguished Speaker Award	Professor Gargi Das Indian Institute of Technology, Kharagpur
10.	Hetero Drugs Prof G S Laddha Chemcon Distinguished Speaker Award	Dr Vishnu Pareek Professor, Curtin University, Australia

11.	CSIR-IICT-Avon Padmashri Dr G S Sidhu Chemcon Distinguished Speaker Award	Dr Rajender Gupta Professor, University of Alberta, Edmonton
12.	Sartorius India's Chemcon Distinguished Speaker Award	Professor Sunil Nath Indian Institute of Technology, Delhi
13.	UPL Smt Sandra R Shroff Chemcon Distinguished Speaker Award	Professor G D Yadav Vice Chancellor, Institute of Chemical Technology, Mumbai
14.	Hikal's Chemcon Distinguished Speaker Award	Professor S Pushpavanam Indian Institute of Technology Madras, Chennai
15.	CSIR-CSMCRI Chemcon Distinguished Speaker Award	Professor I M Mishra Indian Institute of Technology Dhanbad, Jharkhand
16.	CSIR-CLRI Padmabhushan Dr Y Nayudamma Chemcon Distinguished Speaker Award	Professor Ajay K Dalai University of Saskatchewan, Canada
17.	DOST Professor S K Sharma Medal and Chemcon Distinguished Speaker Award	Professor Moses Oludayo Tade Chairman, Institution of Chemical Engineers, Curtin University, Australia
18.	CSIR-NEERI Chemcon Distinguished Speaker Award	Dr Prabir Basu Professor, Dalhousie University, Canada
19.	Alkyl Amins Padma Bhushan Prof B D Tilak Chemcon Distinguished Speaker Award	Dr Sarwan S Sandhu Professor, University of Dayton, Dayton, OH
20.	Lala Shriram National Award for Leadership in Chemical Industry	Dr Abanish Panda Sambalpur, Odisha
21.	Herdillia Award for Excellence in Basic Research in Chemical Engineering	Prof Mihir Kumar Purkait Indian Institute of Technology, Guwahati
22.	Jubilant Award for Excellence in Design or Development of Process Plant and Equipment	Dr Debapriya Mandal BARC, Mumbai
23.	NOCIL Award for Excellence in Design or Development of Process Plant and Equipment	Dr Sundergopal Sridhar IICT Hyderabad
24.	Hindustan Lever Biennial Award for the Most Outstanding Chemical Engineer of the Year (Under the Age of 45 Years)	Dr Virendra Kisan Rathod ICT, Mumbai
25.	ICI India Ltd Award for Excellence in Process or Product Development	Dr Sanjay Bhardwaj International Advanced Research Centre for Powder Metallurgy and New Materials (ARCI), Hyderabad
26.	Amar Dye-Chem Award for Excellence in Research and Development in Chemical Engineering below the age of 35 years	Mohammad (Dr) Ali Haider Indian Institute of Technology, Delhi
27.	P.K. Nair Biennial Memorial Award for Excellence in Design or Development of Process Plant and Equipment	Dr Madhu Agarwal Malaviya National Institute of Technology, Jaipur
28.	Prof Shyamal Kanti Sanyal Memorial Award for the best PhD Thesis in the Area of Membranes Research with Significant Commercial Potential	Dr Vinoth Kumar R French National Institute for Agricultural Research, France
29.	Dr A V Rama Rao Foundation Best Ph D Thesis and Research in Chemical Engineering/Technology	Dr Preeti B Subhedar Godavari Biorefineries Ltd, Navi Mumbai Maharashtra and Dr Parag R Gogate ICT, Mumbai

30.	Shah-Schulman Award for the best Ph.D. thesis in the area of Colloid and Interface Sciences for the year 2017	Dr S Manigandan Indian Institute of Technology - Madras, Chennai
31.	Shah-Schulman Award For the best Ph.D. thesis in the area of Colloid and Interface Sciences for the year 2018	Kumari Priti Sinha Indian Institute of Technology - Bombay, Mumbai
32.	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)	<u>1st Prize</u> Mr Arijit Chakraborty Birla Institute of Technology and Science, Pilani Zuarinagar, Goa <u>2nd Prize</u> Mr Omkar Yogesh Dapurkar ICT, Mumbai
33.	Chemical Weekly Award for the Best Paper Published in the Institute's Journal (ICE-2017)	Dr M Chidambaram and Dr Chandra Shekar Besta, Indian Institute of Technology - Madras, Chennai
34.	IChE NRC Award Best Paper in "Indian Chemical Engineer" 2017	Dr M Chidambaram and Dr Chandra Shekar Besta Indian Institute of Technology- Madras, Chennai
35.	The Kuloor Memorial Award to the Best Technical Paper Published in the Journal of the Institute in the Issues of the Preceding Year	Dr M Chidambaram and Dr Chandra Shekar Besta Indian Institute of Technology - Madras, Chennai
36.	IChE NRC Award 2 nd Best Paper in "Indian Chemical Engineer" 2017	Dr Chandrakant Thakur, NIT, Raipur, Dr Vimal Chandra Srivastava, IIT, Roorkee Dr Indra Deo Mall, UPES, Dehradun and Dr Ajay Devidas Hiwarkar, BIET, Jhansi
37.	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	Dr Chandrakant Thakur, NIT, Raipur, Dr Vimal Chandra Srivastava, IIT, Roorkee, Dr Indra Deo Mall, UPES, Dehradun and Dr Ajay Devidas Hiwarkar, BIET, Jhansi
38.	IChE NRC Award 3 rd Best Paper in "Indian Chemical Engineer" 2017	Dr Subhoshmita Mondal, Dr Siddhartha Datta and Dr Alakananda Mukhopadhyay, Jadavpur University, Kolkata and Dr Pinaki Bhattacharya, Heritage Institute of Technology, Kolkata
39.	Mrs.Chinnamaul Memorial. Prize for Best Tech Paper Presented in Preceding Year CHEMCON	Ms Samyuktha G, Mr N Rama Rao, Mr K V Mirji and Mrs Sheela, Nuclear Fuel Complex, Hyderabad
40.	Kishore K Das Memorial Prize for securing Highest Marks in Part-III (Home Paper) Associate Membership Examination of IChE	<u>AMIChE Exam held in September 2017</u> Mr Krunal S Chauhan Vadodara, Gujarat
		<u>AMIChE Exam held in March 2018</u> Mr Gaurang M Notiya Vadodara, Gujarat
41.	Prof D K Guha Award for AMIChE Candidates	Mr Deepak Kumar Gupta, Panipat, Haryana
42.	N R Nandi Memorial Prize	Mr Rajeshkumar Amrutlal Modh, Vadodara, Gujarat
43.	M P Chary Memorial Award	Mr Nitin V Thombre, ICT, Mumbai
44.	Late Lakshmi Nandakumar Award of IChE for Best Presentation in SCHEMCON 2017 by a Lady Student	Ms Sameera V NIT, Raipur

45.	Gouri Dutta Award for the Best Paper Presentation in SCHEMCON 2017 of IChE	Mr Amit Vaghasia PDPU, Gandhinagar, Gujarat
46.	Ambuja's Young Researcher's Awards for doing Post-Graduate Studies in India after GATE Examination (10 Prizes)	Ms Surbhi Kumari Ashutosh Kumar IISc, Bangalore Mr Khantesh Mohanbhai Agrawal IISc, Bangalore Mr Harsh Parimal Thakkar ICT, Mumbai Ms Shruti Singh ICT, Mumbai Mr Radhish Gupta ICT, Mumbai Mr Himanshu Malani IIT, Delhi Mr Rahul Jain IIT, Kanpur Mr Amit Kumar Dubey IIT, Kanpur Mr Pankaj P Kadam IIT, Kanpur Mr Hari Hitesh Desai NIT, Durgapur
47.	Ambuja's Best Student Chapter Award (2 Prizes)	<u>1st Prize</u> IChE Student Chapter Shroff S R Rotary Institute of Chemical TechnologyBharuch <u>2nd Prize</u> IChE Student Chapter SSN College of Engineering, Kalavakkam
48.	Pidilite's Best Student Chapter Award	IChE Student Chapter Kongu Engineering College, Perundurai, Erode
49.	Best Regional Centre Award (3 Prizes)	<u>Category "A" Best</u> Ankleshwar Regional Centre, IChE <u>Category "B" Best</u> Annamalai-Neyveli Regional Centre, IChE <u>Category "B" Second Best</u> Guntur Regional Centre, IChE
50.	Prof.P.Sen Gupta Award for Best Employee of the Year	Mrs Dulu Das IChE, Kolkata
51.	Fellows	Professor Parameswar De Dr Debapriya Mandal Professor Anil K Saroha Professor M Lakshmi Kantam Dr U Kamachi Mudali

11.0 Students' CHEMCON

The 14th Annual Session of SCHEMCON in 2018 was organized by the IChE Student Chapter at the Department of Chemical Engineering, Institute of Chemical Technology (ICT), under the aegis of the Mumbai Regional Centre, IChE on 26 and 27 October 2018. The inaugural function started in the presence of Prof. S. Basu, Director, Institute of Minerals and Materials Technology (IMMT), Bhubaneswar as the Chief Guest and Prof. G.D. Yadav (Vice Chancellor, ICT) as well as Prof. Vinay.K. Srivastava (President, IChE). Dr. Parag Gogate, Organizing Secretary, SCHEMCON 2018, compèred the inaugural function. The welcome address was delivered by Prof. A.W. Patwardhan, which was followed by an address by Prof. Srivastava. Prof. Yadav gave a brief introduction about activities of the ICT. Prof. Basu, in his address, explained the concepts of Material Science and Mineral Technology. Vote of thanks for the inaugural session was given by Mr. P. K. Saxena.

In all, 586 entries were received for presentation of papers from Undergraduate (UG) students with additional 12 entries from Post-graduate students conducting research work as well as from professionals working in the industry. Participants in the UG category comprised students from Maharashtra Academy of Engineering; Maharashtra Institute of Technology; D J Sangavi College of Engineering; Datta Meghe College of Engineering; Gharda Institute of Technology; MGM College of Engg & Technology, BV Raju Institute of Technology; Pandit Deendayal Petroleum University; NIT Raipur; NIT Durgapur; TKM College of Engineering, Kollam; Pravara Rural Engineering College, Loni; etc. Participants in Post-graduate category were from BITS Pilani; DY Patil University; IITB and UICT Mumbai.

After the inaugural ceremony, parallel oral sessions were conducted on topics in the areas of Wastewater Treatment, Process Intensification, Renewable Fuels, Plastic and Polymer, CFD, etc. Parallel sessions were judged by the IChE Council Members, ICT faculty and industry experts. Two Poster Sessions, each comprising 45 posters, were also organized.

Several invited keynote lectures or the Masterclass lecture series was a special feature of this year's SCHEMCON. Prof. J.B. Joshi delivered the first lecture on 'Economic Developments through Science', mainly based on the innovative applications of multiphase reactors. The second

master lecture was delivered by Mr. Rajendra Narkhede (Senior VP, Gexcon) on 'Chemical Safety' and the third lecture was delivered by Prof. G.D. Yadav on the 'Green Chemistry and Engineering'. A panel discussion was held on 'Opportunities for Chemical Engineers / Technologists' with Prof. A.B. Pandit, Prof. P. K. Ghosh, Dr. M.G. Palekar, Dr. Sanjiv Katti and Mr. D.P. Mishra as panelists. Prof. Pandit spoke on Academic Opportunities and the Basic Engineering Concepts. Prof. Ghosh spoke about the CSIR Institutes and Opportunities to Work in the CSIR Laboratories. Dr. Palekar spoke about Process Engineering Avenues and Dr. Katti highlighted the Avenues in Industrial R&D. Mr. Mishra highlighted the concepts of Process Design and Engineering. After the panel discussion, a Cultural Night was organized by the Cultural Group of ICT, Mumbai.

Prof. M.M. Sharma (Padma Vibhushan Awardee & Past Director, UICT Mumbai) was the Chief Guest for the Valedictory Function. He was introduced by Prof. Yadav. Prof. Sharma spoke on 'Emerging Scenario in Chemical Industry'. During the valedictory function, awards were presented to the winners from SCHEMCON 2017. The winners from different sessions of SCHEMCON 2018 were also felicitated. From each of the Oral and Poster sessions, two winners were selected, based on evaluation made by the judges. M P Chary Award was presented to Mr. Nitin Thombre. Merit certificates were handed over to the participants by Prof. Sharma. The Valedictory Session came to an end with the vote of thanks by Dr. Parag Gogate, Organizing Secretary, SCHEMCON 2018.

12.0 Library

The library at the HQ of the Institute in Kolkata currently 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

Besides R&D related activities, Regional Centres and 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. For Regional Centres, the one-year period pertains to July 2018 – June 2019.

Regional Centre Activities not related to R&D

Name of Regional Centres	Activities
Ankleshwar	<p>a) Industry Visits:</p> <ul style="list-style-type: none"> i. To the plant of GNFC Ltd., Bharuch. Date: 23 & 24.08.2018 and Lupin Ltd-Ankleshwar. Date: 01.11.2018 ii. To the plant of GNFC Ltd., Bharuch. Date: 31.01.2019, 26-27,02.2019 and 02.03.2019 <p>b) Felicitation:</p> <p>For 6 Chemical Engineering students of SVMIT, Bharuch. Date: 26.06.2019</p> <p>c) Student Chapter Activities:</p> <p><i>SRICT, Valia</i></p> <ul style="list-style-type: none"> i. Quiz Competition. Date: 22.01.2019 ii. Three students were awarded by Ankleshwar Regional Centre. Date: 15.04.2019 <p><i>Pacific School of Engineering, Surat</i></p> <ul style="list-style-type: none"> i. Quiz Competition. Date: 31.07.2018 ii. Teachers' Day Celebration. 05.09.2018 iii. Industry Visit. Dates: 18 – 20.09.2018 and 09.02.2019 <p><i>SNPIT, Bardoli</i></p> <p><i>Industry Visits:</i></p> <ul style="list-style-type: none"> i. To Schmitten Rajhans Nutriments Pvt Ltd., Mahuvej, Kosamba. Date: 23.08.2018 ii. To Nuclear Power Corporation of India Ltd., Kakrapar. Date: 04.09.2018 iii. To 'Lupin Limited, Ankleshwar and Shree Kamrej Vibhag Sahakari Khand Udyog Mandi Ltd,New Pardi. Date: 27.11.2018 iv. To GNFC (Gujarat Narmada Valley Fertilizer & Chemical Ltd., Bharuch. Date: 31.01.2019 <p><i>P P Savani School of Engineering, Surat</i></p> <p><i>Industry Visits:</i></p> <ul style="list-style-type: none"> i. To Zydus Cadila Health Care. Date: 25.07.2018 ii. To Industrial Expo, Ankleshwar. Date: 04.01.2019 iii. To Jayshree Aromatics Pvt. Ltd. Date: 18.04.2019
Annamalai-Neyveli	<p>a) Lectures</p> <ul style="list-style-type: none"> i. On 'Chemical Engineer's Journey – Campus to Corporate' by Mr C Sathya Murthi, Staff Engineer (Process), SBA Malaysia. Date: 07.08.2018 ii. On 'How Chemical Engineers will drive the 21st Century? The Mega Possibilities Ahead' by Mr Vaidyanathan Nagarajan, International ASU Expert, Air Liquide Middle East. Date: 03.09.2018. <p>b) Coaching Class</p> <p>For guiding UG Chemical Engineering Students to appear for GATE.</p>
Amaravati	<p>a) Industrial Consultancy Committee:</p> <p>The committee has been constituted to interact with industry and extend possible assistance in solving industrial problems. Student Chapters under this RC are also involved in the process.</p> <p>b) Student Chapter Activities:</p> <p><i>RVR & JC College of Engineering, Guntur</i></p> <p>Lectures:</p> <ul style="list-style-type: none"> i. On 'What the Students Have to Do before Industrial Visit' by Mr R Banerjee Babu, General Manager-(Production), JOCIL Limited, Dokiparru, Guntur. Date: 28.07.2018

	<p>ii. On 'Impact of Chemical Engineers on the Society' by Dr G S V Ratnam, Senior Principal Scientist, Chemical Engineering Dept, Central Leather Research Institute, Adyar, Chennai Date: 27.08.2018</p> <p>iii. On 'Role of Chemical Engineering in Payment Solution Industry (ATM)' by Mr V Phani Kumar, General Manager, NCR Corporation Pvt Ltd, Date: 14.02.2019</p> <p>iv. On 'Chemical Engineering in Service of Humanity' by Dr A Sarath Babu, Professor, Dept of Chemical Engineering, National Institute of Technology, Warangal. Date: 02.03.2019</p> <p>ChECK - 2019 'Chemical Engineering Contest for Knockout-2019. Date: 02.03.2019</p> <p>Industry Visits:</p> <p>i. To JOCIL Ltd., DokiParuru, Medikondur (M),Guntur (Dist), Andhra Pradesh. Date: 10.07.2018</p> <p>ii. To Sri Dhanalakshmi Group of Industries, Ganapavaram, Chilakaluripet, Guntur (Dist), Andhra Pradesh. Date:29.09.2018</p> <p>iii. To Andhra Sugars Ltd., Tanuku, West Godavari (Dist), Andhra Pradesh. Date: 02.01.2019</p> <p>iv. To KCP Limited, Macherla, Guntur (Dist), Andhara Pradesh. Date: 09.01.2019</p> <p>Rajiv Gandhi University of Knowledge Technologies, Nuzvid</p> <p>Quiz Contest: It was held as part of the programme TECKZITE 2K19. Date: 15 – 17.02.19</p>
Bangalore	<p>a) Grant for Student Projects: Eight (8) projects were selected out of 30 project proposals from different colleges and were granted Rs. 5,000/- each.</p> <p>b) Award Presentation: Three awards (Best Project Award, Best Outgoing Chemical Engineering Student Award, and, Prof Kuloor Memorial Essay Competition Award), instituted by Bangalore RC, were presented to students from DSCE, Bangalore; Adhyaman College of Engg., Hosur and MSRIT, Bangalore.. Date: 18.05.2019.</p> <p>c) Student Chapter Activities: MSRIT, Bangalore</p> <p>i. Lectures:</p> <p>i. On 'The Importance of Competitive Examinations and Career Opportunities' by Dr Archana, Head, Dept of Chemical Engineering, MSRIT. Date: 26.10.2018.</p> <p>ii. On ' Career Opportunities in Department of Atomic Energy'. Date: 05.12.2018</p> <p>ii. Industry Visits:</p> <p>i. To HPCL, R&D Centre. Date: 06.11.2018</p> <p>ii. To Sami Labs Pvt Ltd., Nelamangala & Sabcic Research and Technology Pvt. Ltd. Date: 23.11.2018</p>
Baroda	<p>News Bulletin: BRC brought out a Bulletin covering various programmes conducted during the year.</p>
Bhubaneswar	<p>a) Industry Visit: To Tata Steel, Kalinganagar, Odisha. Date: 23.02.2019.</p> <p>b) Student Chapter Activities: IGIT, Sarang</p> <p>Quiz Competition: Inter-batch quiz competition. Date: 05.03.2019.</p>

<p>Calcutta</p>	<p>a) Memorial Lectures:</p> <p>i. Prof. N K Bose Memorial Lecture: On 'Issues & Challenges in Engineering Education' by Prof. Bibhuti Bhusan Paira, Advisor, Maulana Abul Azad University of Technology, West Bengal & Former Professor & Head, Department of Chemical Engineering, University of Calcutta. Date : 18.01.2019</p> <p>ii. Prof. Dilip Kumar Dutta Memorial Lecture: On 'Economic Fabric of the Society Depends on the University & Industry' by Dr Ranjit Chakravorti, Founder President TRS Consultants, USA. Date: 22.02.2019.</p> <p>b) Celebration of Dr. H. L. Roy's 130th Birth Anniversary: On this occasion, Prof. Sati Chatterjee, President, National Council of Education spoke on 'National Council of Education, Bengal, Jadavpur University and the Idea of Liberal Education'. Date: 2.11.18</p> <p>c) National Safety Week – 2019: Lecture on 'Cultivate & Sustain a Safety Culture for Building Nation' was delivered by Mr S K Hazra, Former Managing Director of Aegis Chemical Limited and former Chairman, SHE Committee, Indian Chemical Council and Lecture on 'My Safety – My Life' by Mr Saikat Basu, CEO and Chief Mentor, Consultive. Date: 02.03.2019.</p> <p>d) Industry Visit: To Matix Fertilisers and Chemicals Ltd. Date: 06.10.2018.</p> <p>e) Quiz Competition: The programme was organized for the final year students of Chemical Engineering in the Eastern Region. Date: 13.04.2019</p> <p>f) Foundation Day: An elaborate programme was held to mark the occasion. Date: 25.05.2019</p>
<p>Chandigarh</p>	<p>a) Student Chapter Activities: <i>Dr. S.S. Bhatnagar UICET, Panjab University:</i></p> <p>i. Quiz Programmes: i. Date: 31.07.2018 ii. Date: 21.08.2018</p> <p>ii. Orientation Programme: The programme was organized for around 100 freshers in the Dept. of Chemical Engineering. Date: 14.08.2018</p>
<p>Chennai</p>	<p>a) Memorial Lecture: Dr Govinda Rao Memorial Lecture by Mr. Anbumani, Panel Lead, Shell Qatar. Date: 07(July). 2018</p> <p>b) Internship Programme: Around 30 students from various institutes across Tamil Nadu attended the programme. Date: 1 – 9.06.2019</p> <p>c) Meet with Student Chapters: Date: 08.03.2019</p> <p>d) Student Chapter Activities: <i>St Peters Engineering College, Chennai</i> The Student Chapter was inaugurated. It was followed by a seminar on 'Emerging Trends in Automation with DCS' by Ms. Sreela, Executive, Yokogawa India Ltd. Date: 16.08.2018 <i>SRIRAM Engineering College, Chennai</i> The Student Chapter was inaugurated. Date: 09 (September).2018 <i>AGNI College of Engineering, Chennai</i> The Student Chapter was inaugurated. Date: 01 (January), 2019</p>

Coimbatore	<p>Workshops:</p> <ul style="list-style-type: none"> i. On Career Guidance for Chemical Engineers. Date: 24.08.2018 ii. 'Campus to Corporate Transition'. Date: 20.09.2018. iii. On 'Psychological Career Guidance for Engineering Graduates'.Date: 27.09.2018.
Hyderabad	<p>a) Lecture: 12th M P Chary Memorial Lecture on 'Industry 4.0' by Dr Vilas Tathavadkar, Senior Vice President, Aditya Birla Science & Technology Co Ltd., Date:18.06.2019.</p> <p>b) Seminar: On 'Role of Chemical Engineers in Nation Building', Date: 21.02.2019.</p> <p>c) Student Chapter Activities JNTU, Hyderabad Workshop On 'Introduction to Hybrid Vehicles' Date: 16.03.2019 Osmania University College of Technology, Hyderabad Techno-cultural Fest 'Technosmania 2k19'. Date: 28 - 30.03.2019 Anurag Group of Institutions, Hyderabad Industry Visits:</p> <ul style="list-style-type: none"> i. To Lohiya Industries, Hyderabad. Date: 28.07.2018 ii. To Clair Engineers Pvt.Ltd.,Hyderabad. Date: 09.01.2019 iii. To Nuclear Fuel Complex, Hyderabad. Date: 21.02.2019 iv. To National Remote Sensing Centre, Shadnagar. Date: 01.03.2019
Jaipur	<p>a) Talk: On 'Chemical Engineering and its Future Prospects' by Prof. V K Srivastava, President, IChE. Date : 12.09.2018.</p> <p>b) Symposium:</p> <p>a) On 'Clean Technology Towards Circular Economy' Date: 29 & 30.03.2019</p> <p>c) CHEM-URJA 2K19: It was held in association with School of Engineering & Technology, JNU, Jaipur Student Chapter. Date: 16.03.2019.</p> <p>d) Industry Visits: For students of MNIT, Jaipur</p> <ul style="list-style-type: none"> i. To Mathura Refinery, IOCL. Date: 06.04.2019. ii. To RCF Mumbai and IIT Bombay. Date: 05 – 08.06.2019.
Kanpur	<p>a) Student Chapter Activities: University Institute of Engineering & Technology, CSJMU University, Kanpur</p> <ul style="list-style-type: none"> i. Quiz contest: On the occasion of Engineer's Day. Date: 15.09.18 ii. Industry Visit: To Kanpur Fertilizers Ltd., Panki, Kanpur. Date: 01.02.2019
Kharagpur	<p>a) Educational Visit: To Bankura with faculty members and Student Members, Dept. of Chemical Engineering, IIT, Kharagpur. Date: 16.02.2019</p>
Mangalore	<p>a) Industry Visit: To OMPL Mangalore and Dhakshin Kannada Co-operative Milk Producers' Union, Mangalore, Date: 03.03.2019</p>

<p>Nadiad</p>	<p>a) Lecture On 'Career Guidance' by Mr. Nirav Agrawal, Consultant, SI Visa Consulting Pvt. Ltd. for students of Dharmasingh Desai University, Nadiad. Date: 25.09.2018</p> <p>b) Industry Visit: To IFFCO. Date: 28.12.2018</p>
<p>Northern</p>	<p>a) Lecture: Held jointly with Lovraj Kumar Memorial Trust on 'Public Service – Ethics in the Time of Discontent' by Mr Prabhat Kumar, Former Governor of Jharkhand. Date: 22.11.2018.</p> <p>b) Foundation Day: Merit-cum-means scholarships were awarded to 20 students from various engineering institutes and universities. Date: 19.01.2019</p> <p>c) Student Chapter Activities: <i>Delhi Technological University, Delhi:</i> <i>i.</i> Orientation session for students. Date: 17.09.2018 <i>ii.</i> Online Article Writing Competition. Date: 29.10.2018 <i>iii.</i> Chem Car – a car modeling competition. Date: 08.02.2019 <i>iv.</i> Chem Model – display of working models on chemical process. Date: 08.02.2019 <i>v.</i> Ideation – presentation of ideas on problem resolutions Date: 09.02.2019 <i>vi.</i> Chem Charades, Chem Dart and Chem-Pictionary (Fun Events). Date: 08 -10.02.2019. <i>University School of Chemical Technology – Guru Gobind Singh Indraprastha University, Delhi</i> <i>i.</i> Orientation for freshers. Date: 10.10.2018 <i>ii.</i> Q-Fiesta – Quiz competition. Date: 12.03.2019 <i>iii.</i> Chem-E-Shayari – Cultural programme. Date: 12.03.2019</p>
<p>Pune</p>	<p>a) Student Chapter Activities: <i>Dr DY Patil Institute of Engineering, Management and Research, Pune</i> <i>i.</i> Model Making & Poster Presentation. Date: 05.10.2018 ii. Lectures: <i>i.</i> On 'Chain Management and Marketing Strategy'. Date: 22.09.2018 <i>ii.</i> On 'Career Guidance & Importance of GATE for Engineer'. Date: 28.01.2019 <i>iii.</i> On 'Higher Studies & Career Guidance'. Date: 28.02.2019 iii. Industry Visits: <i>i.</i> To Pune Zilha Sahakari Dudh Utpadak Sangh Ltd. Date: 08.08.2018. <i>ii.</i> To R R Petroplast Pvt. Ltd. Date: 21.09.2018 <i>iii.</i> To Datta Hydro Chem Pvt. Ltd. Date: 08.10.2018 <i>iv.</i> To Pune Techtrol Pvt. Ltd. Date: 04.02.2019 <i>v.</i> To Pudumjee Paper Products Ltd. Date: 01.03.2019 <i>vi.</i> To Ajinkyatara Sahakari Karkhana Ltd., Satra and Shree Renuka Sugars Ltd. Date: 26.02.2019 <i>MIT Academy of Engineering of Engineering, Alandi, Pune</i> i. Industry Visits: <i>i.</i> To PCMC Wastewater Treatment Plant, Pune. Date: 25.09.2018 <i>ii.</i> To Katraj Doodh Dairy, Pune. Date: 26.09.2018 <i>iii.</i> To Hindustan Coca Cola Pvt Ltd, Bhivandi. Date: 01.10.2018 <i>iv.</i> To Hindustan Coca Cola Pvt Ltd, Pirangut. Date: 27.10.2018 & 23.11.2018 <i>v.</i> To Kisanveer Sugar Industry. Date: 24.11.2018 & 09.02.2019 <i>vi.</i> To Katraj Dairy. Date: 25.02.2019 <i>vii.</i> To Pernold Ricard. Date: 15.04.2019</p>

	<p>viii. To Bhabha Atomic Research Centre. Date: 30.04.2019</p> <p>ii. Orientation Programme. Date: 26 – 28.07.18</p> <p>iii. Workshops:</p> <p>i. On Resume Writing. Date: 01&02.03.2019 and 05 & 06.03.2019</p> <p>ii. On Effective presentation skill. Date: 04.05.2019</p> <p>iii. Project Poster Exhibitions. Date: 04.04.2019, 25.04.2019 and 05.05.2019</p> <p>iv. Lecture: On GATE Preparation. Date: 28.08.2018 Pravara Rural Engineering College, Loni</p> <p>i. Industry Visits:</p> <p>i. To Hognas Industry Ltd. MIDC, Ahmednagar. Date: 21.08.2018.</p> <p>ii. To Sai Shraddha Heat Exchangers, Sinnar MIDC, Nasik. Date: 28.09.2019</p> <p>iii. To Prabhat Dairy Pvt Ltd. Shrirampur. Date: 16.10.2018</p> <p>iv. To SMS CETP, Walunj, Aurangabad. Date: 22.03.2019</p> <p>v. To Vishwa Laboratories Daund. Date: 28.03.2019</p> <p>ii. Lectures:</p> <p>i. On 'Opportunities in Health, Safety & Environment' by Mr Harsh Pandya, Managing Director, Infinity Consulting Goregaon, Mumbai Date: 04.01.2019</p> <p>ii. On 'Self Motivation' by Mr Sanjay Pai, Managing Director, Madalasa Consulting, Mumbai. Date: 04.01.2019</p> <p>iii. On 'Personality Development' by Mr Rajesh Sharma, Managing Director, Fylyot Impex, New Delhi. Date: 04.01.2019</p> <p>iv. On 'New Trends In Production' by Mr Sanseep Gupta, Production Officer, Alembic Chemicals, Baroda. Date: 25.09.2018</p> <p>v. On 'Recreational Mathematics' by Dr Vasant Barve, Former Principal, KKW COE Nashik. Date: 28.02.2018</p> <p>vi. On 'Opportunities in Higher Studies in Foreign Countries' by Mr Nilesh Dale, Manager, Nissan, USA. Date: 27.08.2018</p> <p>vii. On 'New Trends in Chemical Engineering' by Mr Shekhar Wani, Tech Manager, Bin OMRAN, Oman. Date: 11.10.2018</p> <p>viii. On 'Opportunities in Chemical Process Industries' by Mr Pramod Deshmukh, Asian Academy of Professional Training, Pune. Date : 06.07.2018 VIT, Pune</p> <p>Career Guidance: On Opportunities in Process Industry. Date: 16.10.2018</p>
Rourkela	<p>a) Lecture: On 'Versatility of Chemical Engineers' by Prof. S Puspavanam, Dept. of Chemical Engineering, IIT, Madras. Date: 05.04.2019.</p>
Trivandrum	<p>a) Lecture: On 'Major Issues of Pollution Control in Kerala' by Dr Ajit Haridas, Chief Scientist, NIIST, Trivandrum. Date: 28.01.2019.</p> <p>b) Award Ceremony: The annual IChE-CGG Panicker Gold Medal and Mr Kurup Gold Medal were presented to top rank holder B.Tech students from different engineering colleges. Date: 09.03.2019</p> <p>c) Felicitations:</p> <p>i. To Smt Mariamma Mathew, VSSC and Dr K B Radhakrishnan, KMCE, as senior members of Trivandrum Regional Centre were felicitated. Date: 29.06.2019.</p>

	<p>ii. To Dr. Ajit Haridas, Chief Scientist, NIIST, Trivandrum, as a senior member of Trivandrum Regional Centre was felicitated. Date: 28.01.2019</p> <p>d) Student Chapter Activities: <i>Mohandas College of Engineering and Technology, Trivandrum</i> Multi-event programme jointly with ELIXIR 2018. CR Thomas, Deputy Director, VSSC, ISRO, Trivandrum gave a talk on 'Personality Development'. Date: 09.08.2018 <i>TKM College of Engineering, Trivandrum</i></p> <p>i. Industry Conclave: On 'Scenario of Major Industries of Kerala to Meet Global Challenges'. Date: 23.03.2019</p> <p>ii. Quiz and Drawing Competitions: As part of Saksham – 2019, organized by BPCL, Kochi Refinery, Quiz contest, 'The Energy Quest' and a pencil sketch competition were held. Date: 08.02.19</p>
Vapi	<p>a) Lecture: On 'Management in Modern Era' by Mr Jay Basavda. Date: 19.05.2019.</p> <p>b) Seminars: On 'Safe Transportation of Chemicals'. Date: 23.10.2018.</p> <p>c) Industry Visit: To C S Performance Chemicals, Dahej. Date: 18.12.2018.</p>
Waltair	<p>a) Lecture: Prof. Jagannadha Raju Endowment Lecture on 'Save your Future with Environmental Friendly Technology' by Prof VSRK Prasad, Director, Indian Institute of Petroleum and Energy. Date: 11.03.2019</p> <p>b) Student Chapter Activities: <i>GVP College of Engineering, Visakhapatnam</i></p> <p>i. Lectures</p> <p><i>i.</i> On 'Green Emissions from Industries'. Date: 21.07.2018 <i>ii.</i> On 'Pumps in Process Industry' by Mr N Sitaram. Date: 20.12.2018 <i>iii.</i> On 'Role of Chemical Engineer in Different Fields' by Mr H C Gulati. Date: 26.02.2019. <i>iv.</i> On 'Introduction to Oil & Gas and KGD6'. Date: 01.03.2019</p> <p>ii. Freshers' Presentation On 'Diverse Fields of Chemical Engineering'. Date: 03.11.2018 <i>MVGR College of Engineering, Vizianagaram</i></p> <p>i. Lectures:</p> <p><i>i.</i> By Mr. Ch Murali Krishna, Plant Head, Alivira Group. Date: 24.07.2018 <i>ii.</i> By Mr T Bhaskar Sree, General Manager, Krebs Bio-Chemicals. Date: 05.10.2018 <i>iii.</i> By Mr S Ravi Kiran, Vice President (Operations), Coromandel International Ltd. Date: 15.12.2018 <i>iv.</i> By Mr Vikram Vanama, Director, Technical Department, Trimax Bio- Sciences. Date: 17.12.2018</p> <p>ii. Industry Visits: To L G Polymers, Bheemasingi Sugar Factory and Vizag Steel Plant.</p>

The lists of Executive Committee Members for July 2018 - June 2019 as received from the respective Regional Centres are presented below:

Ahmedabad Regional Centre :

Chairman: Dr Sachin Parikh, **Honorary Regional Secretary:** Dr N M Patel, **Honorary Regional Treasurer:** Prof S R Shah, **Members:** Prof C G Bhagchandani, Prof A P Vyas, Prof Rupande Desai, Sri Ashish Soparkar, Dr N N Mahapatra, Prof Ronak Patel, Sri Mayanbhai Parikh, Sri Hemalbhai Sheth and Sri R V Patel

Ankleshwar Regional Centre

Chairman : Mr A K Sahni, **Vice-Chairmen:** Mr S I Thakar, Mr B D Dalwadi, Mr Himanshu Gondalia and Mr A K Jain, **Honorary Regional Secretary:** Mr R R Khandpur, **Honorary Regional Jt Secretary-Dahej:** Mr Shantanu Das, **Jt Secretary-Ankleshwar:** Mr Sunil Motiramani, **Jt Secretary-Bharuch:** Mr A I Shaikh, **Honorary Regional Treasurer:** Mr Snehal Tralsawala, **Members:** Mr P G Dave, Prof S J Wagh, Mr N B Saraiya, Mr M I Shamsi, Mr B J Patel, Mr R S Senjalia, Mr Ganesh R Sharma, Mr Dinesh Patel, Mr Shashi Shekhar, Mr Anupam Kansal, Mr Rilesh Mehta, Mr P B Shah and Satyan Pandya, **Co-opted Members:** Prof Dr Parimal A Parikh, Mr Manoj Kamalia, Mr A K Jain, Mr K H Pandit, Mr Nitin Patel, **Immediate Past Chairman:** Mr D M Gandhi

Annamalai-Neyveli Regional Centre

Chairman: Dr P Mullai, **Vice-Chairman:** Dr K Manikandan, **Honorary Regional Secretary:** Dr S Anhuradha **Honorary Regional Jt. Secretary :** Mr B Karunakaran, **Honorary Regional Treasurer:** Dr S Arrivukkarasan **Members:** Dr V Vijayagopal, Dr V Saravanan, Dr R Sangeetha, Dr R Palaniraj, Dr R Jayakumar, Dr K Rathinakumaran & Dr K Muthu **Co-opted:** Dr M Karuppaiya and Dr P Saravanan, **Ex-officio:** Dr P Nagarajan

Bangalore Regional Centre

Chairman : Dr V Venkatesham, **Vice-Chairman :** Dr R Suresh, **Honorary Regional Secretary :** Mr K A Badarinarayana, **Honorary Regional Jt Secretary :** Mr G K Mahadevaraju, **Honorary Regional Treasurer :** Mr G Kishore Kumar **Members :** Dr K S Rajanandam, Prof Y J Rao, Prof G A Shareef, Mr P T Raghuram, Mr S Swaminathan, Dr B R Veena, Dr Archana, Mr J Koteswara Rao **Co-opted Members:** Mr H N Pradeep, Dr Brijesh & Dr Anand B Halgeri, **Ex-officio Member:** Dr G M Madhu

Baroda Regional Centre

Chairman: Mr D Chakraborty, **Vice-Chairman:** Mr R K Desai, **Joint Vice-Chairman:** Mr S Sridhar, **Honorary Regional**

Secretary: Mr Nikhil Tonapi, **Honorary Regional Jt Secretary:** Mr Kisalay Kumar, **Honorary Regional Treasurer:** Prof N M Surana, **Members:** Mr S Sarkar, Mr Nitin Bhate, Mr Brijesh Trivedi, Mr Manish Shah, Mr Nikunj Parekh, Mr Nikunj Jain, Mr Manan Joshi, Mr Shahbuddin, Mr Kartikeya Sharma, Mr Vipul Mehta, Bhavin Shah and Mr Mehul Patel

Bhubaneshwar Regional Centre

Chairman: Dr S K Tamotia, **Vice-Chairman:** Dr P C Rath, **Honorary Regional Secretary:** Dr M K Ghosh, **Honorary Regional Jt. Secretary:** Mr Santosh Deb Barma, **Honorary Regional Treasurer:** Ms Binapani Behera, **Members:** Prof G K Roy, Dr S K Biswal, Dr K Sarveswara Rao, Mr Kashinath Barik and Mr Bibek Dash, **Ex-officio:** Mr J Rath and Dr Swagat S Rath

Calcutta Regional Centre

Chairman: Prof Chiranjib Bhattacharjee, **Vice-Chairman:** Mr Sushanta Kumar Roy, **Honorary Regional Secretary:** Mr Abhijit Mitra, **Honorary Regional Jt Secretary:** Prof Ashit Mazumder, **Honorary Regional Treasurer:** Dr Avjit Ghosh, **Members:** Prof B N Srimani, Mr K K Das, Prof Amalesh Sirkar, Prof Priyabrata Sarkar, Prof Sudip Kr Das and Dr Sangita Bhattacharjee **Co-opted Members:** Mr Deb Kumar Dutta, Mr Kalyan Kumar Basu & Mr Goutam Mitra

Chandigarh Regional Centre

Chairman: Mr Sandeep Sharma, **Vice-Chairman:** Prof S K Sharma, **Honorary Regional Secretary:** Prof V K Rattan, **Honorary Regional Jt Secretary:** Mr Deepak Mehon, **Honorary Regional Treasurer:** Prof R K Chhabra, **Members:** Ms Hema Setia, Prof Amrit Pal Toor, Prof Anupama Thakur, Prof Ritu Gupta, Dr Amit Sobti, Dr Gaurav Rattan, Prof Seema Kapoor and Prof Meenakshi Goyal

Chennai Regional Centre

Chairman: Dr G S Venkataratnam, **Vice-Chairman:** Mr S Sekar, **Honorary Regional Secretary:** Dr N Balasubramanian,, **Honorary Regional Jt Secretary:** Dr R Parthiban, **Honorary Regional Treasurer:** Mr D Gokul, **Members:** Dr N Nagendra Gandhi, Dr D Mohan, Mr K Sadanand, Mr Ramasubramanian, Dr M P Rajesh, Dr B Bharathiraja, Dr Harikrishnan and Dr N P Kavitha, **Co-opted Member:** Dr Vasanth Kumar

Coimbatore Regional Centre

Chairman: Dr T Kannadasan, **Vice-Chairman:** Dr D Prabhakaran, **Honorary Regional Secretary:** Mr P Sivakumar, **Honorary Regional Jt Secretary:** Mr G Gnanavel, **Honorary Regional Treasurer:** Mr A Vivek Joe Bharath, **Members:** Dr M Thirumarimurugan, Dr V M Sivakumar, Dr K Kannan, Mr S Ramachandran, Ms V P Mohanjeayavalli, Prof K Senthilkumar,

Mr S Mothil, Mt T Sivakumar and Ms Nisha Subash

Damanjodi Regional Centre

Chairman: Mr Sharanan Chaudhuri, **Vice-Chairman:** Mr Prafulla Kumar Patra, **Honorary Regional Secretary:** Mr N Murali Sridhar, **Honorary Regional Joint Secretary:** Mr Dillip Kumar Sahoo, **Honorary Regional Treasurer:** Mr B Viinod Kumar, **Members:** Mr R S Dharman, Dr Ashalata Gantayat, Mr Prabhat Sahoo, Mr Sudhir Kumar Sahu and Mr Sk Md Ali

Doaba Regional Centre

Chairman: Dr Ajay Bansal, **Vice-Chairman:** Dr A K Jana, **Honorary Regional Secretary:** Dr Shailendra Bajpai, **Honorary Regional Jt Secretary:** Dr N K Srivastava, **Honorary Regional Treasurer:** Mr Kamoj Kumar, **Members:** Dr Renu Gupta, Dr Poonam Gera, Dr Sangeeta Garg, Dr J K Ratan, Ms Rubal Preet, Dr Pamita Awasthi, Dr Vipin Kumar Sohpal, Dr Rajeev Arora, Dr Amit Arora and Dr Manoj Kumar Jindal

Dhanbad Regional Centre

Chairman: Prof Vineet Kumar, **Vice-Chairman:** Prof V K Saxena, **Honorary Regional Secretary:** Dr T K Naiya, **Honorary Regional Treasurer:** Dr Suman Dutta

Durgapur Regional Centre

Vice-Chairman: Dr Subhamay Haldar, **Honorary Regional Secretary:** Dr J P Sarkar, **Honorary Regional Jt Secretary:** Dr Anup Kumar Sadhukhan, **Honorary Regional Treasurer:** Dr Gopi Nath Haldar, **Members:** Dr Apurba Dey, Dr Swapan Paruya, Dr Mrinal Kanti Mandal, Dr Bimal Das and Dr Projjwal Sarkar

Goa Regional Centre

Chairman: Prof Saibal Ganguly, **Vice-Chairman:** Prof Srinivas Krishnaswamy, **Honorary Regional Secretary:** Prof Saroj Sundar Baral

Guwahati Regional Centre

Chairman: Prof B P Mandal, **Vice-Chairman:** Prof Anugrah Singh, **Honorary Regional Secretary:** Dr Prakash Kotecha, **Honorary Regional Jt Secretary:** Dr Anki Reddy Katha, **Honorary Regional Treasurer:** Dr Subrata K Majumdar, **Members:** Prof Pallab Ghosh, Dr Mihir K Purkait, Dr Tapas K Mandal, Dr Ashok K Dasmahapatra, Dr Amit Kumar, Dr Pankaj Tiwari, Dr Raghvendra Gupta, Dr Anadalakshmi R and Dr Venkatesh R Prasanna

Guntur Regional Centre

Chairman: Dr V Govardhana Rao, **Vice-Chairman:** Dr V Madhusudhana Rao, **Honorary Regional Secretary:** Dr M Venkateswara Rao, **Honorary Regional Jt Secretary:** Dr J

Srinivasa Rao, **Honorary Regional Treasurer:** Dr K Ramesh Chandra, **Members:** Mr J Murali Mohan, Mr M Raghavaiah, Mr Enjumuri Pardhasaradhi, Dr T Subbaiah, Dr K B K Rao, Mr R Banerjee Babu, Mr N Jani Bhasha, Dr C V Subrahmanyam & Mr M Rama Krishna **Invitees:** Mr K Siva Prasada Rao and Dr B Kamal Kumar

Haldia Regional Centre

Chairman: Mr A K Ghosh, **Vice-Chairman:** Dr S B Kuila, **Honorary Regional Secretary:** Dr T K Manna, **Honorary Regional Jt. Secretary:** Mr S Jana, **Honorary Regional Treasurer:** Dr B Bej, **Members:** Mr A C Mishra, Dr A K Saha, Dr R Das, Dr R N Jana, Dr S J Sahu, Mr B Mandal, Mr A Sinha and Mr S De

Hyderabad Regional Centre

Chairperson: Smt Sheela, **Vice-Chairmen:** Mr M G V Chalapathi Rao and Mr M Ranga Rao **Honorary Regional Secretary:** Dr Sanjay Bhardwaj, **Honorary Regional Jt Secretary:** Dr Illaiahj, **Honorary Regional Treasurer:** Mr M Misra, **Members:** Prof R Sreedhar Rao, Mr C P Ramulu, Mr E Venkatesham, Dr Srinu Naik, Prof Sashikala, Mr Ch Appa Rao, Mr Arun Anand, Mr D N Singh and Mr K Ravichand

Jaipur Regional Centre

Chairman: Prof S P Chaurasia, **Vice-Chairman :** Mr S L Arora, **Honorary Regional Secretary :** Dr Madhu Agarwal, **Honorary Regional Jt Secretary:** Dr Neha Sharma, **Honorary Regional Treasurer:** Dr Rajeev Dohare, **Members:** Mr V K Jain, Dr Manish Vashishthha, Mr Sushant Upadhyaya, Dr Dipaloy Dutta, Dr Isha Arya, Dr Manisha Sharma and Dr Jitendra Singh, **Co-Opted Member:** Dr Kailash Singh

Kanpur Regional Centre

Chairman: Dr R K Trivedi, **Vice-Chairman:** Dr Rajesh Kumar Garg, **Honorary Regional Secretary:** Dr Vinay Kumar Sachan , **Honorary Regional Jt Secretary:** Mr Veshesh Agrawal, **Honorary Regional Treasurer:** Mr Ashutosh Mishra, **Members:** Dr Pramod Kumar, Dr Arun Maithani, Dr Santosh Kumar, Mr Subhash Sharma, Mr M S Rajput, Dr S K Gupta and Ms Neeta Singh

Kharagpur Regional Centre

Chairman: Prof Sirshendu De, **Honorary Regional Secretary:** Prof Pavitra Sandilya, **Honorary Regional Treasurer:** Prof Hariprasad Kodamana, **Members:** Prof Debdulal Kar, Prof Swati Neogi, Prof Sudarsan Neogi and Prof Bhim Charan Meikap

Kochi Regional Centre

Chairman: Mr Sajo K F, **Vice Chairman:** Mr Manoj N, **Honorary Regional Secretary:** Mr Koya Venkata Reddy,

Honorary Regional Jt Secretary: Mr T Chandramohan, **Honorary Regional Treasurer:** Mr V Venkatesan, **Honorary Regional Jt Treasurer:** Mr V Karunakaran

Lote-Parasuram Regional Centre

Chairman: Mr R B Ghadge, **Vice-Chairman:** Mr Pravin Gaval, **Honorary Regional Secretary:** Mr P N Joshi, **Honorary Regional Treasurer:** Mr Ram Badatya, **Members:** Mr P B Patil, Mr D C Patil, Mr V B Baliga, Mr S S Patil, Mr T D Desai, Mr L S Shet, Mr R F Manatkar and Mr Odol

Lucknow Regional Centre

Chairman: Dr A K Jain, **Vice-Chairman:** Er D K Srivastava, **Honorary Regional Secretary:** Dr Dhananjay Singh, **Honorary Regional Joint Secretary:** Er Mayur Tanon, **Honorary Regional Treasurer:** Er Sudeep Tandon, **Members:** Er P N Tandon, Er Rajat Mehra, Er Ranvir Singh, Dr B N Mishra, Dr G N Garg, Dr A S Vidyarthi, Dr Sushil Kumar, Dr I D Mall, Er Ram Pravesh Ram and Er Suresh Kumar Patel

Mangalore Regional Centre

Chairman: Mr M R Venkatesh Sharma, **Vice-Chairman:** Prof S Harish Kumar, **Honorary Regional Secretary:** Dr Keyur Raval, **Honorary Regional Jt Secretary:** Mr B P Teradal, **Honorary Regional Treasurer:** Prof S Sivasankaran

Mumbai Regional Centre

Chairman: Mr R G Rajan, **Vice-Chairman:** Dr Aparna Tamaskar, **Honorary Regional Secretary:** Mr V Y Sane, **Honorary Regional Jt Secretary:** Mr Rajesh Jain, **Honorary Regional Treasurer:** Mr Ravindra Joshi, **Immediate Past Chairman:** Mr M P Jain, **Members:** Mr K Sahasranaman, Mr Praveen Saxena, Dr Anita Kumari, Mr S Chitanvis, Dr T L Prasad, Mr Dhawal Saxena and Dr R Pathak

Nagpur Regional Centre

Chairman: Dr G K Ghosal, **Vice-Chairman:** Prof V S Sapkal, **Honorary Regional Secretary:** Dr A N Vaidya, **Honorary Regional Jt. Secretary:** Dr Y C Bhattacharyulu, **Honorary Regional Treasurer:** Dr R B Biniwale, **Members:** Dr T Chakrabarti, Dr S D Dawande, Dr S Mandavgane, Dr Chaurasiya, Dr K L Wasewar, Dr B G Bhotmange, Dr J S Mohite and Dr Vijay Kumar

Northern Regional Centre

Chairman: Prof Anil Kumar Saroha, **Vice-Chairman:** Dr Sachchida Nand, **Honorary Regional Secretary:** Mr Abhijit Bikas Pal, **Honorary Regional Jt. Secretary:** Mr Rajiv Narang, **Honorary Regional Treasurer:** Dr Anil Verma, **Members:** Prof S S Sambhi, Prof K K Pant, Dr S N Chakravarty, Prof V K Srivastava, Mr R A Sinha, Mr Umesh Goel and Mr Subodh Sarin, **Co-opted Members:** Mr Shyam Bang and Mr D D

Maheswari, **Invitees:** Dr Manju Rani, Dr Manish Jain, Dr Dhiraj Kumar Garg, Dr Dinesh Kumar and Dr Anamika Paul

Pilani Regional Centre:

Chairman: Dr Suresh Gupta, **Vice-Chairman:** Mr Amit Jain, **Honorary Regional Secretary:** Dr Ajaya Pani, **Honorary Regional Jt Secretary:** Dr Smita Raghuvanshi, **Honorary Regional Treasurer:** Dr Srinivas Appari, **Members:** Dr H K Mohanta, Dr Arvind Kumar Sharma, Dr Pratik N Sheth, Dr Pradipta Chattopadhyay, Dr Banasri Roy and Dr Priya C Sande

Pune Regional Centre

Chairman: Dr Sanjay Kamble, **Honorary Regional Secretary:** Dr Suyogkumar Vijay Taralkar, **Honorary Regional Treasurer:** Dr Prafulla L Garge, **Members:** Dr Subhash Hari Vaidya, Er Prakash Patil, Mr Alok Pandit, Dr Vinay Bhandari, Dr C V Rode, Prof Dr Manik Deosarkar, Prof Somnath Nandi and Prof J D Bapat

Rourkela Regional Centre

Chairman: Mr F C Sahoo, **Vice-Chairman:** Dr Manoj K Mishra, **Honorary Regional Secretary:** Dr Hara Mohan Jena, **Honorary Regional Jt Secretary:** Dr (Mrs) Abanti Sahoo, **Honorary Regional Treasurer:** Dr Akhilesh K Sahu, **Members:** Dr (Mrs) G Sunanda, Dr S K Pratihari, Dr (Mrs) M Kundu, Mr S Acharya, Dr (Mrs) Susmita Mishra, Dr Basudeb Munshi and Dr Arvind Kumar

Trivandrum Regional Centre

Chairman: Mr C R Thomas, **Vice-Chairman:** Mr Venugopal S, **Honorary Regional Secretary:** Mr Praveen Kumar Solasa, **Honorary Regional Joint Secretary:** Mr S Somanathan, **Honorary Regional Treasurer:** Mr Rajesh E K, **Members:** Prof S Alwan, Dr Ajit Haridas, Dr K B Radhakrishnan, Dr P P Thomas, Mr E Senthil Kumar. Mr Alok Kumar Patel, Mohamed Sadhik, Mr Lakshman Yalisala, Mr Abdul Haleem, Mr Kiran Kumar and Mr P Binuraj

Vapi Regional Centre

Chairman: Dr Hiten M Bhatt, **Vice-Chairman:** Mr Maulik J Desai, **Honorary Regional Secretary:** Mr S S Pokale, **Honorary Regional Jt Secretary:** Dr H M Hirpara, **Honorary Regional Treasurer:** Mr Vinod S Kashalikar, **Immediate Past President:** Mr Rameshchandra N Prajapati, **Members:** Mr Arun Kootale; Mr Devidas K Khubchandani, Mr Jagdish U Parmar, Mr J R Shah, Mr Hasmmukh K Doshi, Mr Kirit Shah, Mr Piyush Joshi, Mr Vijay Chhajed, Mr Shashidhar Gosi and Mr Uday R Marballi

Waltair Regional Centre:

Chairman: Dr A Srinivasa Rao, **Vice Chairman:** Mr E Esakki Ramkumar, **Honorary Regional Secretary:** Dr S V Naidu,

Honorary Regional Jt Secretary: Dr G M J Raju, **Honorary Regional Treasurer:** Dr N Chitti Babu, **Members:** Dr P King, Prof K V Rao, Dr R Padma Sree, Dr Bokam Demudu and Dr M S N Murty

We are unable to publish lists of EC Members from: i) Dehradun, ii) Kalpakkam, iii) Nadiad and iv) Pondicherry due to their non-availability.

The lists of Executive Committee Members for July 2019 - June 2020 as received from the respective Regional Centres are presented below

Ahmedabad Regional Centre:

Chairman: Dr Sachin Parikh, **Honorary Regional Secretary:** Prof N M Patel, **Honorary Regional Treasurer:** Prof Satish R Shah, **Members:** Prof Rupande Desai, Prof R G Shah, Prof A P Vyas, Mr Mayank Parikh, Mr Dinesh Daga, Mr Dinesh Varma, Prof C G Bhagchandani and Mr Ashish Soparkar, **Co-opted Member:** Prof Ronak Patel and Mr Hemal Sheth

Amaravati Regional Centre:

Chairman: Mr J Murali Mohan, **Vice-Chairman:** Dr N Sambasiva Rao, **Honorary Regional Secretary:** Dr M Venkateswara Rao, **Honorary Regional Jt Secretary:** Mr R Benerjee Babu, **Honorary Regional Treasurer:** Dr K Ramesh Chandra, **Members:** Dr C V Subrahmanyam, Mr M Raghavaiah, Mr G Ranga Rao, Ms P Vijetha Chowdhary, Dr P Bangaraiah, Dr Vinoth Kumar Raja, Mr G Venu Babu, Mr Mindi Rama Krishna, Dr V Govardhana Rao (Immediate past Chairman, Ex-officio) and Dr J Srinivasa Rao (Immediate Honorary Joint Secretary, Ex-Officio)

Ankleshwar Regional Centre

Chairman: Mr S I Thakar, **Vice-Chairmen:** Mr B D Dalwadi (Ankleshwar, Panoli), Mr A K Jain (Jhagadia), Mr Pravindan Gadhvi (Ankleshwar, Panoli), Mr M I Shamsi (Bharuch), Mr Manoj Kamaliya (Dahej), **Honorary Regional Secretary:** Mr A I Shaikh, **Honorary Regional Jt Secretary- Dahej:** Mr Shantanu Das, **Jt Secretary-Ankleshwar:** Mr Sunil Motiramani, **Jt Secretary-Bharuch:** Mr D B Shah, **Jt Secretary-Panoli:** Mr Rilesh Mehta, **Honorary Regional Treasurer :** Mr Snehal Tralsawala, **Members:** Mr P G Dave, Mr N B Saraiya, Mr Nitin Patel, Mr R R Khandpur, Mr Dinesh Patel, Mr Ashutosh Kumar Singh, Mr Shashi Shekhar, Mr Ganesh R Sharma, Mr Dhruvi A Mehta & Mr B J Patel **Co-opted Member:** Prof Dr Parimal A Parikh, Mr K H Pandit, Mr Rajesh Bhavsar **Immediate Past Chairman :** Mr A K Sahni

Annamalai Regional Centre:

Chairman: Dr R Muthuvelayutham, **Vice-Chairman:** Dr B Suresh, **Honorary Regional Secretary:** Dr S Arrivukkarasan,

Honorary Regional Jt Secretary: Dr S Rengadurai, **Honorary Regional Treasurer:** Dr M G Devanesan & **Ex-officio:** Dr S Anhuradha

Bangalore Regional Centre:

Chairperson: Dr Archana, **Vice-Chairman:** Dr Ravisankar, **Honorary Regional Secretary:** Mr K A Badrinarayana, **Honorary Regional Jt Secretary:** Mr P T Raghuram, **Honorary Regional Treasurer:** Mr Kishore Kumar, **Members:** Dr Anand Haligeri, Dr Y J Rao, Dr Rajanandham, Mr Swaminathan, Mr G K Mahadevaraju, Dr G M Madhu, Dr J Koteswara Rao, Mr J S Sagar, Dr Brijesh, Dr V Venkatesham and Mr Karthick K V

Baroda Regional Centre:

Chairman: Mr S Sridhar, **Vice-Chairman:** Mr R K Desai, **Vice-Chairman:** Dr Nitin Bhate, **Honorary Regional Secretary:** Mr Nikhil Tonapi, **Honorary Regional Jt Secretary:** Mr Kisalay Kumar, **Honorary Regional Treasurer:** Prof N M Surana, **Members:** Mr Subhajit Sarkar, Mr Brijesh Trivedi, Mr Manish Shah, Mr Nikunj Parekh, Mr Sahabuddin Ahmed, Manan Joshi, Mr Nikunj Jain, Mr Mehul Patel, Mr Vipul Mehta, Mr Bhavin Shah, Mr Rahul Dole and Mr D Chakraborty (Immediate Past Chairman)

Bhubaneswar Regional Centre:

Chairman: Mr J N Mohanty, **Vice-Chairperson:** Dr Swati Mohanty, **Honorary Regional Secretary:** Dr Ranjan Kumar Dwari, **Honorary Regional Jt Secretary:** Mr Bibek Dash, **Honorary Regional Treasurer:** Ms Barsha Marandi, **Members:** Dr P C Rath, Dr R Bhima Rao, Mr Sudipta Das, Dr Swagat S Rath, Mr Santosh Deb Barma, Dr S K Tamotia (Past Chairman) and Dr M K Ghosh (Past Hony Regional Secretary)

Calcutta Regional Centre:

Chairman: Prof Chiranjib Bhattacharjee, **Vice-Chairman:** Mr Kalyan Kumar Basu, **Honorary Regional Secretary:** Mr Abhijit Mitra, **Honorary Regional Jt Secretary:** Prof Ashit Mazumder, **Honorary Regional Treasurer:** Dr Avijit Ghosh, **Members:** Prof B N Srimani, Mr K K Das, Mr Sushanta K Roy, Prof Sudip Das, Dr Sangita Bhattacharya, Dr Rajat Chakraborty, Mr Gautam Mitra, Ms Baishali Rajbansi and Ms Papita Das

Chandigarh Regional Centre:

Chairman: Prof S K Sharma, **Vice-Chairman:** Mr Deepak Mehan, **Honorary Regional Secretary:** Prof V K Rattan, **Honorary Regional Jt Secretary:** Dr Amit Sobti, **Honorary Regional Treasurer:** Prof R K Chhabra, **Members:** Prof Anupama Sharma, Prof Ritu Gupta, Prof Sushil K Ansal, Dr S S Bhinder, Dr Gaurav Rattan, Dr Sonia Sharma, Mr Ashok Sharma and Mr Sandeep Sharma, **Co-opted Members:** Prof

Seema Kapoor, Prof Anupama Thakur and Prof Amrit Pal Toor

Chennai Regional Centre:

Chairman: Mr N Nagarajan, **Vice-Chairman:** Dr N Balasubramanian, **Honorary Regional Secretary:** Mr D Gokul, **Honorary Regional Jt Secretary:** Dr Rm Meyyappan, **Honorary Regional Treasurer:** Dr Dharmandera Kumar

Coimbatore Regional Centre:

Chairman: Dr T K Kannadasan, **Vice-Chairman:** Mr G P Livingstone Rose, **Honorary Regional Secretary:** Mr A Vivek Joe Bharath, **Honorary Regional Jt Secretary:** Dr P Muthusamy, **Honorary Regional Treasurer:** Mr P Babu, **Members:** Dr M Thirumaraimurugan, Dr V M Sivakumar, Dr K Kannan, Mr P Sivakumar, Ms V P Mohanajeyavalli, Prof K Senthilkumar, Mr S Mothil, Dr G Gnanavel, Ms T Sivakumar and Ms Nisha Subash

Damanjodi Regional Centre:

Chairman: Mr Bhimsen Pradhan, **Vice-Chairman:** Md Farid, **Honorary Regional Secretary:** Mr N Murali Sridhar, **Honorary Regional Jt Secretary:** Mr Dilip Kumar Sahoo, **Honorary Regional Treasurer:** Mr B Vinod Kumar

Doaba Regional Centre:

Chairman: Dr M K Jha, **Vice Chairman:** Dr Ajay Bansal, **Honorary Regional Secretary:** Dr Shailendra Bajpai, **Honorary Jt Secretary:** Dr Sangeeta Garg, **Honorary Regional Treasurer:** Mr Kamoj Kumar, **Members:** Dr Poonam Gera, Dr Jatinder Kumar Ratan, Dr Vipin Kumar Sohpal, Dr Rajiv Arora, Dr Amit Arora and Dr Manoj Kumar Jindal

Gauhati Regional Centre:

Chairman: Prof Anugrah Singh, **Vice-Chairman:** Prof Vaibhav Goud, **Honorary Regional Secretary:** Prof Subrata K Majumder, **Honorary Regional Jt Secretary:** Dr Ashim Basumatarty, **Honorary Regional Treasurer:** Dr Ashok Kumar Dasmahapatra, **Members:** Prof Bishnupada Mandal, Prof Sasidhar Gumma, Prof Prabirkumar Saha, Dr Pankaj Tiwari, Dr Raghvendra Gupta, Prof Vimal Katiyar, Dr Prasanna Venkatesh, Dr Prakash Kotecha, Dr Anki Reddy Katha and Dr Ujwala Hujuri

Goa Regional Centre:

Chairman: Prof Sampatrao Dagu Manjare, **Vice-Chairman:** Dr Asima Shaukat, **Honorary Regional Secretary:** Prof Saroj Sundar Baral & **Honorary Regional Treasurer:** Dr Amol Deshpande

Hyderabad Regional Centre:

Chairman: Dr Sanjay Bhardwaj, **Vice-Chairman:** Mr C P

Ramulu, **Vice-Chairman:** Prof P Shashikala, **Honorary Regional Secretary:** Mr M Mishra, **Honorary Regional Jt Secretary:** Mr S Ilaiah, **Honorary Regional Treasurer:** Mr D N Singh, **Members:** Mr M G V Chalapathi Rao, Mr M Ranga Rao, Mr E Venkatesham, Mr Ch Appa Rao, Dr M Mukunda Vani, Dr Vineet Aniya and Smt Sheela

Jaipur Regional Centre:

Chairman: Prof S P Chaurasia, **Vice-Chairman:** Mr S L Arora, **Honorary Regional Secretary:** Dr Madhu Agarwal, **Honorary Regional Jt Secretary:** Dr Rohidas Bhoi, **Honorary Regional Treasurer:** Dr Rajeev Dohare, **Members:** Mr V K Jain, Mr Parag Kansal, Dr Sushant Upadhyay, Dr Dipaloy Dutta, Dr Isha Arya, Dr Manisha Sharma and Dr Jitendra Singh, **Co-opted Member:** Dr Kailash Singh, Dr Avnish Kumar, Dr Pankaj Pandey and Mr Ashok Yadav

Kanpur Regional Centre:

Chairman: Dr Deepak Srivastava, **Vice-Chairman:** Mr Manish Rajput, **Honorary Regional Secretary:** Dr Umesh Chandra Sharma, **Honorary Regional Jt Secretary:** Dr Ashwini Sood, **Honorary Regional Treasurer:** Mr Ashutosh Mishra, **Members:** Dr R K Trivedi (Ex-officio), Dr Santosh Kumar and Dr Rajesh Garg

Kharagpur Regional Centre:

Chairman: Prof Gargi Das, **Vice-Chairman:** Prof B C Meikap, **Honorary Regional Secretary:** Prof Pavitra Sandilya, **Honorary Regional Jt Secretary:** Mr Subrata Biswas, **Honorary Regional Treasurer:** Mr Jagadish Doley, **Members:** Prof Ganga Prasad Karmakar, Prof Manish Kaushal, Prof Deb Dulal Kar and Mr Subhrajit Mukherjee

Lote-Parasuram Regional Centre:

Chairman: Mr D C Patil, **Vice-chairman:** Mr Baliga, **Honorary Regional Secretary:** Mr P N Joshi, **Honorary Regional Treasurer:** Mr Ramchandra Badatya

Lucknow Regional Centre

Chairman: Dr A K Jain, **Vice-Chairman:** Er D K Srivastava, **Honorary Regional Secretary:** Dr Dhananjay Singh, **Honorary Regional Joint Secretary:** Er Mayur Tanon, **Honorary Regional Treasurer:** Er Sudeep Tandon, **Members** : Er P N Tandon, Er Rajat Mehra, Er Ranvir Singh, Dr B N Mishra, Dr G N Garg, Dr A S Vidyarthi, Dr Sushil Kumar, Dr I D Mall, Er Ram Pravesh Ram and Er Suresh Kumar Patel

Mangalore Regional Centre:

Chairman: Prof Saidutta M B, **Vice-Chairman:** Prof Balakrishna Prabhu, **Vice-Chairman:** Shree A Kotrabasappa, **Honorary Regional Secretary:** Dr Hari Mahalingam, **Honorary Regional**

Jt Secretary: Shree Sandeep Parma, **Honorary Regional Treasurer:** Prof Shanmuga Priya **Members:** Shree Venkatesh Sharma, Shree Basavaraj Terdal, Prof V R C Murthy, Prof S V S R Krishnabhandaru, Prof G Srinikethan, Prof S Harish Kumar, Dr P Vairaval and Dr Hariprasad Dasari

Mumbai Regional Centre:

Chairman: Dr U Kamachi Mudali, **Vice-Chairman:** Dr Anita Kumari, **Honorary Regional Secretary:** Dr Bibhash Chakravorty, **Honorary Regional Jt Secretary:** Mr Dhawal Saxena, **Honorary Regional Treasurer:** Mr Mahendra Patel, **Members:** Shreedhar M Chitanvis, Mr Rajesh Jain, Mr Ravindra Joshi, Dr Alpana Mahapatra, Dr T L Prasad, Mr V Y Sane, Mr Joy Shah and Dr Aparna M Tamaskar

Nadiad Regional Centre:

Chairman: Dr Anand P Dhanwani, **Honorary Regional Secretary:** Dr Vimal G Gandhi & **Honorary Regional Treasurer:** Prof Mihir P Shah

Nagpur Regional Centre:

Chairman: Dr G K Ghosal, **Vice-Chairman:** Prof V S Sapkal, **Honorary Regional Secretary:** Dr A N Vaidya, **Honorary Regional Jt Secretary:** Dr Y C Bhattacharyulu, **Honorary Regional Treasurer:** Dr R B Biniwale, **Members:** Dr T Chakrabarti, Dr S D Dawande, Dr S Mandavgane, Dr Chaurasiya, Dr K L Wasewar, Dr B G Bhotmange, Dr J S Mohite and Dr Vijay Kumar

Northern Regional Centre :

Chairman: Prof Anil Kumar Saroha, **Vice-Chairman:** Dr Sachchida Nand, **Honorary Regional Secretary:** Mr Abhijit Bikas Pal, **Honorary Regional Jt. Secretary :** Mr Rajiv Narang, **Honorary Regional Treasurer:** Dr Anil Verma, **Members :** Prof S S Sambhi, Prof K K Pant, Dr S N Chakravarty, Prof V K Srivastava, Mr R A Sinha, Mr Umesh Goel, Mr Subodh Sarin, **Co-opted Members:** Mr Shyam Bang and Mr D D Maheswari,

Pune Regional Centre:

Chairman: Dr Sanjay Kamble, **Honorary Regional Secretary:** Dr Suyogkumar Vijay Taralkar, **Honorary Regional Treasurer:** Dr Prafulla L Garge, **Members:** Dr Subhash Hari Vaidya, Er Prakash Patil, Mr Alok Pandit, Dr Vinay Bhandari, Dr C V Rode, Prof Dr Manik Deosarkar, Prof Somnath Nandi, Dr Shashank Gaikwad, Mr G V Ukidve and Dr Utkarsh Maheshwari

Rourkela Regional Centre:

Chairman: Prof R K Singh, **Vice-Chairman:** Mr S C Padhi, **Honorary Regional Secretary:** Dr Akhilesh K Sahu, **Honorary Regional Jt Secretary:** Dr Sujit Sen, **Honorary Regional Treasurer:** Dr Arvind Kumar, **Members:** Mr F C Mohanty, Dr

H M Jena, Dr (Mrs) G Sunanda, Prof S K Pratihar, Prof M K Mishra, Mr S Acharya and Dr Basudeb Munshi

Trivandrun Regional Centre:

Chairman: Mr Muraleekrishnan R, **Vice-Chairman:** Dr Shaneeth M, **Honorary Regional Secretary:** Mr Somanathan S, **Honorary Regional Jt Secretary:** Mr Rajesh E K, **Honorary Regional Treasurer:** Mr Lakshman Y, **Members:** Mr Ajith Haridas, Dr K B Radhakrishnan, Dr K M Usha, Mr Manikandan, Mohamed Sadhik, Mr Kiran Kumar, Mr P Binuraj, Mr Suresh Kumar, Kisore KGK, Arjun Raj M and Ms Susmitha Kumari

Vapi Regional Centre:

Chairman: Dr Hiten M Bhatt, **Vice-Chairman:** Mr Maulik J Desai, **Honorary Regional Secretary:** Mr Shashikant S Pokale, **Honorary Regional Jt Secretary:** Dr H M Hirpara, **Honorary Regional Treasurer:** Mr Vinod S Kashalikar, **Members:** Mr Jagdish U Parmar, Mr Rameshchandra N Prajapati, Mr Devidas K Khubchandani, Mr Uday R Marballi, Mr Hasmukh K Doshi, Mr J R Shah, Mr Kirit Shah and Mr Arun Kootale, **Co-opted Member:** Mr Shashidhar Gosi, Mr Piyush Joshi, Mr Vijay Chhajed, Dr Prasant Kamat and Mr U M Rao

Waltair Regional Centre:

Chairman: Prof V S R K Prasad, **Vice-Chairman:** Mr E Esakki Ram Kumar, **Honorary Regional Secretary:** Prof Pulipati King, **Honorary Regional Jt Secretary:** Prof G M J Raju, **Honorary Regional Treasurer:** Prof D Appala Naidu, **Members:** Prof S V Naidu, Prof R Padma Sree, Dr B Demudu, Prof V Meena, Dr Narayana Saibaba, Dr B Sarva Rao, Dr K M Swamy, Dr C V Nageswara Rao, Dr M Shiva Naresh, Ms D V Padma, Dr P Satya Sagar and Mr K Umamathi Gokul

We are unable to publish lists of EC Members from: i) Dehradun, ii) Durgapur, iii) Dhanbad, iv) Kalpakkam, v) Kochi, vi) Pilani and vii) Pondicherry due to their non-availability

14.0 Beyond March

As per convention, this Annual Report of the IICChE headquarters has covered activities for the financial year April 2018 – March 2019. However, we deem it would be appropriate to keep our valued Members posted with a few important developments w.r.t. the Institute that took place in 2019 after the month of March.

● **Library:**

The library at the headquarters building was shifted to the 4th floor from the 1st floor for the purpose of utilizing the erstwhile library space for fund raising activities, such as, conducting coaching classes for GATE.

- **AMIChE Examination:**

Following the recent decision of the AICTE on non-approval of Engineering Courses, conducted by professional bodies of India, the Council has decided to henceforth define the objective of the AMIChE Examination as a course for 'development of skills', which is not approved by the AICTE at present.

- **Recovery of Excess Payment of Rs 2,76,991 from M/s Art & Architecture for Civil Maintenance Works at IChE HQ:**

An work order for Civil Maintenance Works at IChE HQ building (dtd 20.12.2017) was awarded to M/s Art & Architecture for a total price of Rs 5,66,172. During the course of execution of the order, anticipating increase in quantum of work, an amended work order (dtd 10.04.2018) was issued for a total price of Rs 7,50,000. While submitting the 3rd (final) bill, M/s Art & Architecture had submitted a statement mentioning the total billed amount of Rs 5,72,922 (considering three Bills) referring to the aforesaid initial work order and claimed the due amount which was to be processed after adjustment of the outstanding advances. But the full amount of the 3rd bill was passed for payment and the amount released overlooking the outstanding advances leading to an "excess payment" of Rs 2,76,991.

After persuasions, the excess payment of Rs 2,76,991 has been recovered from M/s Art & Architecture and credited to the Account of IChE on 16.11.2019. In addition, administrative actions have also been taken to prevent such incidents in future.

- **IT Related issue w.r.t. AYs 2010-11, 2011-12 and 2013-14:**

The Institute preferred to appeal before the IT Appellate Tribunal for Assessment Years 2010-11 & 2011-12 against the order of CITC (A). Ld. Single Bench Judge considered the Institute appeal for these Assessment Years and remanded for fresh assessment. For Assessment Year 2013-2014, Ld. Judge sent back the case to Divisional Bench for further deliberation through hearing.

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.

Amitava Bandyopadhyay
Honorary Secretary

**List of Corporate Members present in
(Seventy-first) Annual General Meeting, IChE – 2018**

Sl.No.	Name	Membership No.	Sl.No.	Name	Membership No.
1	Anhuradha S	LAM 27041	24	Mandal D	LF 09455
2	Anita K	LM 13544	25	Mishra I M	LM 35485
3	Arrivukkarasan S	LAM 27044	26	Naik S C	LF 01720
4	Badrinarayan K A	LM 22739	27	Prasad T L	LM 09599
5	Bandyopadhyay Amitava	LM 09556	28	Rajasimman M	LM 26997
6	Bang Shyam	LM 07736	29	Ranga Rao M	LM 09037
7	Bansal Ajay	LF 11337	30	Rao M S	LM 13568
8	Barik Kashinath	LAM 53471	31	Ratnam G S V	LM 10189
9	Basava Rao V V	LM 11006	32	Rattan Gaurav	LM 31348
10	Butala D M	LM 03306	33	Rattan V K	LF 04433
11	Chaurasia S P	LM 08721	34	Sambi S S	LM 20825
12	Dalai Ajay	LF 27349	35	Saroha Anil K	LF 27776
13	Das S K	LM 08450	36	Satyanarayana S V	LM 13586
14	De P	LF 07449	37	Saxena Dhawal	LM 43343
15	Deb Barman Santosh	LM 57421	38	Saxena Praveen	LM 24415
16	Ghosh Avijit	LM 50202	39	Shyam Sunder R	LM 19226
17	Gokul D	LM 32426	40	Shrivastava Vinay K	LM 07839
18	Gupta S K	LM 19814	41	Shrivastava V K	LF 09483
19	Jain M P	LM 08262	42	Thakar S I	LM 29117
20	Katti S	LF 20067	43	Udaiyanathan V	LM 13280
21	Kumar Kisalay	LAM 60833	44	Venkateswara Rao M	LM 06492
22	Kundu Gautam	LM 08561	45	Yadav G D	LF 08450
23	Mahapatra A	LM 20164			