



INDIAN INSTITUTE OF CHEMICAL ENGINEERS

Dr. H.L. Roy Building, Jadavpur University Campus, Kolkata 700032

Minutes of the 6th (Last) Meeting of the Council for 2022

26.12.2022	16:00 hrs	Dept. of Chemical Engineering, HBTU, Kanpur
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Members Present:

Butala, Mr. D. M.	Jha, Prof. M. K.	Karhikeyan, Prof. C.
Rao, Prof. M. V.	Ghosh, Dr. Avijit	Mandal, Prof. Bishnupada
Saxena, Mr. Praveen K.	Agarwal, Dr. Madhu	Basu, Prof. Suddhasatwa
Yadav, Prof. G. D.	Sinha, Prof. A. S. K.	Roy, Mr. Sushanta Kumar
Gupta, Prof. S. K.	Raju, Prof. G.M.J.	Mahapatra, Prof. Alpana
Rajanandan, Prof. K.S.	Saravanan, Prof. R.	Jain, Dr. M. P.
Saroha, Prof. Anil K.	Satyanarayana, Prof. S. V.	Chattopadhyay, Mr. B. (Invitee)
Verma, Prof. Anil (Invitee)		

Condolence

Communication has been received from Dr. P. Vijay that Dr. Sawaran Jit Chopra (HF 08987), Chairman, Dehradun Regional Centre and Chancellor, UPES University has passed away on 23.11.2022 at the age of 81 years. He was a member of the IIChE since 25.03.1989.

Silent prayer for a minute was observed by the members of the Council to pay homage to Dr. Sawaran Jit Chopra (HF 08987) and Prof. A. N. Pathak (LM 46279).

1.0 Leave of Absence

Council granted leave of absence to Pokale, Mr. S. S.; Saha, Prof. Asit Kumar; Ratnam, Dr. G. S. V. and Mr. N. M. Surana.

2.0 Confirmation of Minutes

Minutes of the 5th Meeting of the Council for 2022 held on 24.09.2022 at the Department of Chemical Engineering, NIT, Warangal was confirmed as proposed by Prof. S. V. Satyanarayana and Seconded by Dr. M.P Jain.

3.0 Matters deferred from earlier and those arising out of previous meetings

3.1 Reference item no. 3.3 of the 4th Council Meeting held on 02. 07.2022 at NIT, Srinagar

IIChE Training Institute

The Council in its 4th meeting approved the names of **Board of Governors** and the **Board of Directors** with a tenure of five years from the date of appointment, with effect from January 2023. President will appoint the members of **Board of Governors** and the **Board of Directors during CHEMCON 2022**.



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The Council further requested Prof. Jha to frame the Modus of Operandi in consultation with the President and the Honorary Secretary so that the IICChE Training Institute can start its function from January 2023.

The matter was deferred to the next meeting.

3.2 Reference item no. 3.3 of the 5th Council Meeting held on 24. 09.2022 at NIT, Warangal

Pay Revision for the Headquarters Employees

Council in its 5th meeting at NIT, Warangal, decided that a separate meeting would be arranged among the members of the said committee in the CHEMCON 2022 venue for discussion.

After detailed deliberations, the Council decided to refer the matter to the recommendation of Finance Committee and to present in the next Council Meeting.

4.0 Publication

4.1 The Council noted that ICE has come under UGC Care List, Gr-II

4.2 Ms. Ridhi Chaturvedi, Assistant Managing Editor, M/s SAGE Publications India Pvt. Ltd, New Delhi, vide her email dated November 28,2022 enquired about the interest of IICChE to publish ICE through their publishing house. SAGE is the world's fifth largest journals publisher. SAGE's publication programs are in the area of Science, Technology and Engineering, Huminitic and Social Sciences.

Prof. S. Basu, Editor-in-Chief, ICE observed that since the publication agreement of 2011 with M/s Taylor & Francis, the performance of ICE has improved gradually but noticeably. He shared the following facts for the information of Members:

- (a) The usage of ICE in 2021 was 23,541 as against 4,825 in 2015
- (b) There were 24,000 downloads in 2021
- (c) The citation score was 1.8.
- (d) The 2020 Mock Impact factor was 1.246.
- (e) Rank: Q4 of the Engineering, Chemical JCR category.
- (f) The number of issues per year, which, were 4 till 2021, rose to 5 in 2022. In 2023, 6 issues will be published, as mutually agreed with publishers.

In view of above, Prof. Basu, was not in favour at this stage for changing the publisher of ICE. Since, it has been planned to bring out another journal as IICChE's second journal, he suggested to negotiate with M/s SAGE Publications for publishing a second journal of IICChE. Honorary Editor was requested to work out details for the same in consultation with the Honorary Secretary.

Prof. S. Basu also suggested that another New Journal titles as "**Chemical Engineering Sustainability**" could be published under the banner of IICChE through M/s SAGE publication. The Council agreed to plan for the same in due course of time in consultation with Editor-in-Chief, ICE.

4.3 Introduction of New Journal in the field of Chemical Engineering

In order to make IICChE's presence felt among industry professionals and as service to industry, it is proposed to publish a new journal in the field of Chemical Engineering in addition to current publication of ICE.

President informed that the new publication will cover Industrial Practices, Troubleshooting, Process Safety



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& its Management, Case Studies on Industry, Articles featuring Environment and Energy Management, News on new developments in the field of Chemical Engineering and technical seminars / workshops / News about IChE – RCs and Student Chapters achievements. The journal will have insertion of ads from Manufacturers and Suppliers of various items / hardware/ machinery / instruments / process simulation and other software for chemical process industry. There can be dedicated space for job opportunities. To begin with it can be of about 50 to 60 pages and as bimonthly journal. All publication expenses are to be met from income from advertisements.

5.0 CHEMCONs

5.1.0 From the excerpt of the Minutes of the Special Meeting at IIT, Patna:

5.1.1 It was observed by the Council that the participations from the Regional Centre in the CHEMCONs were not noticeable though the Council allots the CHEMCON venue to the Regional Centres. Further, it was also noticed that the IChE was not highlighted to that extent as it should be, during the entire proceeding of program. Therefore, it was suggested that henceforth, instead of IChE RCs organizing CHEMCON, IChE - HQ will be organizing CHEMCON hosted at one of its Regional Centre as venue. Also, there should be intensive coordination between the HQ and Organizing RC for overall planning. Further, the Finance Committee of respective CHEMCON must include the Treasurer of IChE - HQ as member.

5.1.2 The Council, after a long and due deliberations, decided that hence forth, the nomenclature in organizing CHEMCON would be as follows:

IChE CHEMCON (Year)
(Annual function of IChE)

Organized by (Name of RC)
at (Name of Place)

5.1.3 The Council decided that the GST No.; CSR No. and 80G Registration No. shall be mentioned in the brochure as well as in the CHEMCON website.

5.1.4 Further, the hosting RC shall submit an **UNDERTAKING** on Rs.100/- stamp paper mentioning that they shall follow the Guidelines of CHEMCON strictly in all respect.

5.1.5 The amount from RIL support for Dhirubhai Ambani Commemoration Day Celebration and the distribution of *CHEMCON surplus between Headquarters and the Organizing RC would be as per the decision of the Council arrived at the 2nd council meeting of 2020 (* i.e., Minimum 8.0 lakhs OR 50% of total surplus whichever is higher should have to be paid to the Headquarters by the CHEMCON organizer).

5.2.0 CHEMCON 2021

5.2.1 As per 5th Council Meeting 2022 decision, HQ requested Dr. Swati Mohanty, Chairperson, Bhubaneswar RC to release 50% share of HQ from the total surplus amount of Rs.84,86,497/- (amount as per audited reports submitted by Bhubaneshwar RC). In response, Dr. Boopathy vide his email dated November 26, 2022, forwarded the MOM of the EC of BRC (*attached as Annexure -I*), mentioning that surplus share of HQ is Rs. 9,24,325/- only. The necessary reply dated _____ from HQ has been sent to Dr. Boopathy along with the documents of contributions made by CHEMCON 2018 & CHEMCON 2019 Organizers as per the IChE HQ Guidelines for his ready reference and perusal. Subsequent to IChE HQ's reply dated _____, Dr. Boopathy vide his email dated _____ informed that this matter will be discussed again in their E.C.

5.2.2 After elaborate discussions amongst the members, the Council expressed its serious concern about the



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dilly-dallying of BRC-EC on payment of IICChE Headquarters' share of the CHEMCON 2021 surplus as per Guidelines. Council deliberated on various course of action to avoid disobedience of IICChE HQ's well laid down guideline. As Bhubaneswar RC is not accepting IICChE HQ's guidelines, council further discussed measures like freezing of Bhubaneswar RC Bank A/c, Derecognition of BRC, Serving **Notice** to Bhubaneswar RC for transferring the 50% share of CHEMCON 2021 surplus to IICChE Headquarters. To give an opportunity to Bhubaneswar RC, Council decided that a **Notice** would be served to Bhubaneswar RC for transferring the 50% share of CHEMCON 2021 surplus to IICChE Headquarters (i.e., 50% of the total surplus generated) within 15 days, failing which appropriate action may be taken by the Council including to put ban on the day-to-day activities of the Regional Centre as per the Byelaws of the Regional Centre of the Constitution. Honorary Secretary was requested to act accordingly.

5.3 CHEMCON 2022

The Council noted that Dr. S.V.A.R Sastry, Organizing Secretary was requested through email dated December 02, 2022, to submit a report on the CHEMCON 2022 Conference Report within a month from end of CHEMCON to HQ. The report shall include the names of the authors of the Best Technical Papers based on the recommendations of the respective Chairpersons of Technical Sessions as well as their full papers presented at corresponding Technical Session of CHEMCON. The CHEMCON Organizing Secretary shall also submit the audited statement of accounts latest by 31st March 2023 and the bank closure certificate within six months from last date of CHEMCON.

5.4 CHEMCON 2023

Council noted the 1st Announcement of CHEMCON 2023 and website of CHEMCON 2023 are to be released during Inauguration and Valedictory Sessions of CHEMCON 2022.

5.5 CHEMCON 2024

The BID forms, duly filled-in, have been received from the following Regional Centers which are attached as *Annexure -2*.

- a. Doaba Regional Centre
- b. Chandigarh Regional Centre
- c. Guwahati Regional Centre

The Council after due deliberations, decided that CHEMCON 2024 would be hosted by Guwahati Regional Centre, and it would be requested to submit the **UNDERTAKING as per IICChE HQ Guidelines** and decided earlier by council on Rs. 100/- Stamp Paper.

5.6.0 SCHEMCON 2022

5.6.1 On HQ's request, Prof. S Srinath has sent the SCHEMCON 2022 event report furnished at *Annexure-3*. Prof. Srinath was further requested to send the audited accounts of SCHEMCON 2022 along with the bank account closer certificate.

5.6.2 The Council noted the same and desired that further follow up should be done from Headquarters to get the audited accounts and bank closure certificate at an early date.

5.7.0 SCHEMCON 2023



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- 5.7.1 The Council noted that no progress report was received by HQ from the Organizers of SCHEMCON 2023.
- 5.7.2 The Council further decided that like CHEMCON, henceforth, the nomenclature of SCHEMCON should be:

IIChE SCHEMCON (Year)
(Annual Students function of IIChE)

Organized by (Name of SC)
at (Name of Institute, Place)

5.8 SCHEMCON 2024

The approval letter for organizing SCHEMCON 2024 has been sent to Dr. M. S. Balathanigaimani, Co-ordinator, IIChE Student Chapter at RGIPT. The Council to note that the signed “**UNDERTAKING**” on Rs.10 non-judicial stamp paper has been received from Dr. Balathanigaimani.

The Council noted the same and requested the Honorary Secretary to take the **UNDERTAKING** on Rs 100/- Stamp Paper from RGIPT.

6.0 Awards

6.1 National Awards / Other Awards

The Council noted and approved the recommendations received from the appropriate authorities in respect of different Awards and the list of awardees for the year 2022 as furnished at *Annexure - 4*.

6.2 New Awards:

6.2.1 Council noted and approved the following four new awards instituted in the year 2022.

- (a) “**INDORAMA DHUNSERI CHEMCON DISTINGUISHRD SPEAKER AWARD**” with endowment fund of Rs. 5.0 Lakh
- (b) “**Prof. A. Suryanarayana and Mrs. Vanajakshi Suryanarayana Best Author/(s) Award for a Chemical Engineering Book / Book Chapter (s)**”, with donation of Rs. 4.0 Lakh received from Prof. A. Suryanarayana, Former Professor, NIT, Rourkela.
- (c) Prof. M. V. Rao donated Rs. 5.0 Lakh towards Award Endowment Fund. Prof. Rao was requested to suggest the name of the award and criteria for selection for the award.
- (d) Mr. Pradip Agarwal, CEO, Heritage Institute of Technology vide letter dated December 2022 expressed interest to institute an award for 10 Year cycle, in the name of “**Heritage Institute of Technology Award for Innovative Research and Sustainable Development**” with an annual payment of Rs.15000/- (Award value of Rs. 10,000/- and Rs.5000/- HQ expenditure).
- (e) Prof. G. D. Yadav informed that he would donate another 2.5 Lakhs to increase the Endowment Fund so that the award honorarium could be enhanced accordingly.

The Council approved and expressed sincere gratitude to Prof. A. Suryanarayana, Mr. Pradip Agarwal, Prof



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M V Rao, and Prof G D Yadav and all the above institutions and their CEOs.

- 6.2.2 Council decided that for new awards, henceforth, 60% of the interest earned from the respective Award Endowment would be utilized for Award Honorarium, 30% would be ploughed back to the principal amount and the remaining 10% would be earmarked for Administrative Expenses.

7.0 Administrative Matter

7.1 Annual Report of the Institute for 2021-22

The members approved the Annual Report and recommended for presentation of the same in the Annual General meeting to be held on 28th December 2022 attached as *Annexure- 5*.

7.2 Annual Audited Accounts of the Institute for Financial Year 2021-22

The members approved the Audited statement of Accounts of the Institute for the financial year 2021-22 and recommended for presentation of the same in the Annual General meeting to be held on 28th December 2022 attached as Annexure-6.

7.3 Extension of Ms. Nandini Roy

Based on the recommendation of the 2nd meeting of 2021 of Administrative Committee held on 08.08.2021, the Council in its 4th meeting held on 22.10.2023, approved the extension of service of Ms. Nandini Roy for a period of another three years from the date of her superannuation ending on 31.10.2023.

The Council noted her services and contribution to IChE HQ Office Administration and approved the proposal of extension of her services.

7.4 Council Election

As per present procedures, period for polling for the Council Election is 16th August to 30th September. In view of electronic voting system adopted since couple of years, this period is too long and deputation of one dedicated employee of HQ, to handle the entire process creates limitations in office manpower. It is proposed to reduce polling period to 15 days (1st September – 15th September).

After elaborate deliberation, the Council decided that Election Process would be completed as per the following schedule:

- 1) Call for nominations: By 15th May of each year
- 2) Last Date for Receiving Nominations: 30th June of each year
- 3) Nomination Withdrawal Duration: 7-15th July each year
- 4) Duration of Casting of vote: 1st -21st August each year
- 5) Declaration of Election Results: 4th Week of August

7.5 Building Related Matter:

7.5.1 Renewal of Rental Agreement with Mercury Educational Services for Classroom Facility.

A draft agreement with Mercury Educational Services and IChE was prepared in consultation with the Chairman, Building Committee on Pro-rata basis for a period of 11 months tenure for the classroom facility on the 1st Floor (660 sq. ft) of Dr. H. L. Roy Building, with monthly rent of Rs. 13,000/- plus



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applicable GST plus Electricity Usage Charges as per actual reading of separately installed Electricity Meter for this classroom plus Monthly Maintenance Charges of Rs.2,000/- and applicable GST charges on Maintenance Charges furnished at *Annexure - 7*

The Council approved and requested the President to sign on behalf of IIChE.

7.5.2 Replacement of Bldg. Lift

The Council noted the progress of work on Old Lift Replacement with New and Modern Lift. New lift is expected to be operative by end of first week of February 2023.

7.5.3 Construction of Rooftop Weather Shed and Erection of Structure for Solar Panels

Council to note that the erection of Rooftop Weather Shed and Structure for Rooftop Solar Panels have been completed and follow up with M/s Vikram Solar for installation of Solar Panel is under progress.

The Council requested Honorary Secretary to follow up with Vikram Solar for installation of the Solar Panels.

7.5.4 Electrical load Enhancement for HQ Building:

As decided at 3rd Council Meeting of 2022, the total incoming electrical power supply load for HQ Bldg., is required to be increased to cater additional power supply requirement because of renting of floor space to Vani Institute and Mercury Education Services for their coaching classes and their offices. Accordingly, CESC was approached and for enhancing electrical power supply load from existing 15 KW to 30 KW. CESC fees demand being Rs. 3,01,306/- (Service charge- Rs.1,97,786/- + Security Deposit- Rs. 1,03,520/-), this amount has been deposited to CESC Ltd. Accordingly CESC Ltd has replaced Main Electricity Meter.

The Council noted the same.

7.5.5 Renovation of IIChE Auditorium:

Council noted that budgetary estimate of Rs 35.0 Lakhs + 10 % contingency for renovation of the entire Auditorium has been prepared based on quotation of approved vendors. President Mr. D. M. Butala has personally requested Mr. Nadir B. Godrej, CMD of Godrej for his kind support to meet this renovation expenses.

7.5.6 AMC of Electrician Contractor:

An Electrician on contract basis (Rs. 4000/- per month on one day per week basis) was engaged since last 10 years (*More than five years*) to look after IIChE HQ Bldg Electrical System like Electrical Wiring and Accessories as well as to attend electrical breakdown. After the completion of CORONA Pandemic lockdown period, the concerned person denied continuing the contract work. Therefore, to avoid electrical problems and to look after all the electrical jobs for HQ Building, M/s Suman Engineering has been engaged on contract to attend on two days per week basis at the rate of Rs. 4,400 per month with effect from December 2022.

The Council approved the same.

8.0 Membership

8.1 Honorary Fellow / Fellow



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- 8.1.1 An application for Fellowship of Dr. Mahesh Sreenivasa Murthy was sent to Honorary Fellowship committee for its comments. As on date, 5 (Five) recommendations have been received in his favour.
- 8.1.2 An application for Fellowship of Prof Anil Kumar Mehrotra was sent to Honorary Fellowship Committee for its comments. As on date, 7 (Seven) recommendations have been received in his favour.
- The Council considered the applications for Fellowship of Dr. Mahesh Sreenivasa Murthy and Prof Anil Kumar Mehrotra and their admission as Fellow of the Institute were approved.
- 8.2 The Council approved the admission of 56 Nos of Life Members as furnished in **Annexure- 8A**.
- 8.3 The Council approved the admission of 15 Nos of Life Associate Members as furnished in **Annexure-8B**.
- 8.4 The Council approved the admission of 877 Nos of Student Members as furnished in **Annexure-8C**.
- 8.5.0 It is proposed that students studying Chemical Engineering in Polytechnic Colleges should be considered as Student Member of the Institute.
- 8.5.1 Members brought out that as Diploma Education Curriculum being lower than Undergraduate students, there should be demarcation in cadre of student membership. By bringing Diploma Students at par with undergraduate students will create dissatisfaction among undergraduate students.
- 8.5.2 Council deliberated further on the issue and decided that Diploma Students from Polytechnic Colleges would be given Associate Student Membership to differentiate with the UG Students. The Council further decided that Student Chapter could be opened in Polytechnic Colleges, but the coordinator should be a faculty of Polytechnic college and also the Member of the IICChE.
- 8.6.0 Organizational Member :
- 8.6.1 An application form has been received from Calcutta Institute of Technology, Ulberia, W.B for Life Organizational Membership of the Institute. The required fees of Rs 29,500/- has been received.
- Council approved the Life Organizational Membership to Calcutta Institute of Technology, Ulberia, W.B.
- 8.6.2 An application form has been received from Mercury Educational Services, Kolkata for Life Organizational Membership of the Institute. The required fees of Rs 29,500/- has been received through NEFT.
- The Council approved the Life Organizational Membership to Mercury Educational Services, Kolkata.
- 8.6.3 An application form has been received from Kongu College of Engineering for Life Organizational Membership of the Institute. The required fees of Rs 29,500/- has been received through NEFT.
- The Council approved the Life Organizational Membership to Kongu College of Engineering.
- 8.6.4 The fees of Rs. 29,500/- was received from Bhumistha Infra Services for becoming Life Organizational Member.
- The Council approved the Life Organizational Membership to Bhumistha Infra Services subject to the condition that its annual turnover is below 10 crores otherwise extra fees would have to be paid to HQ.
- 8.6.4 **From the excerpt of the Minutes of the Special Meeting at IIT, Patna:**



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The members present at Special Meeting at IIT, Patna unanimously decided that henceforth the following benefits are to be given to the Organizational Members:

- a. The concerned organization will receive a Membership Certificate with Unique Membership No. from IIChE, HQ and if the organization desires, its one-page profile can be published in the E-Newsletter of IIChE.
- b. Based on Organization's annual turnover, delegates can attend the Annual Chemical Engineering Congress (CHEMCON) of IIChE without paying any registration fees.
- c. At the CHEMCON venue, the Life Organizational Members shall be offered space for its Banner / Standee or Stall at a subsidized rate.
- d. Experts in relevant fields from the Member organizations will be invited at major seminars, workshops, training sessions and conferences as resource persons. Similarly, representatives from the Member organizations will be able to attend such events at a subsidized fees same as fees as paid by individual IIChE members.
- e. Subject to availability, Engineering Employees from the Member organizations will be entitled to avail the Guest House facility at the IIChE Headquarters in Kolkata at a discount.
- f. IIChE HQ, reserves right to give priority in allotment of guest house rooms to its regular corporate members / council members.

The Council noted and approved the same.

8.7 From the excerpt of the Minutes of the Special Meeting at IIT, Patna:

Encouragement of Lady Student Membership

President Mr. D. M. Butala informed during his informal discussion with Prof. G. D. Yadav on equal status for lady members, Professor suggested that lady students doing undergraduate Chemical Engineering / Allied Engineering should be encouraged to become Student Members of the Institute. Members also expressed same opinion. It was further decided that the topper girl student of B.Tech 3rd semester from college / institute having the student chapter, would be given free Student Membership of the Institute along with a certificate of merit cum membership.

The Council noted and approved the same. It was further decided that if the concerned student is already student member, her membership fees would be refunded.

9.0 Regional Centre / Student Chapter Affairs

9.1 Overseas Regional Centre at Canada

The Council noted that an Overseas Regional Centre at Canada will be opened during CHEMCON 2022. This is feasible because of continual persuasion of Prof. M. K. Jha.

9.2 From the excerpt of the Minutes of the Special Meeting at IIT, Patna:

Opening of Regional Centre at IIT, BHU



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Prof. A. S. K. Sinha suggested to open Regional Centre open at IIT, BHU. Members agreed and decided that erstwhile RC at BHU, should be revived as new RC. President released letter addressed to the HOD of the Chemical Engineering Department informing her, the willingness of the Council to reopen Regional Centre at their premises. Also, it was informed that if HOD is interested to restart Banaras RC, the Council team members during their forthcoming visit of Banaras on 31st Dec 2022 ~ Jan 01 2023, would visit BHU campus and inaugurate the Regional Centre on December 31, 2022.

The Council noted that opening of Regional Centre at Banaras is under process.

- 9.3 Dr. Amarsinh L Jadav, Associate Professor, Department of Chemical Engineering, D. Y. Patil College of Engineering and Technology, Kolhapur has requested through letter dated 07.11.2022 for granting permission to start a student chapter in their department under the guidance of Mumbai Regional Centre, IIChE. Twenty-two (22) students already have become IIChE Members.

The Council approved the formation of Student Chapter at the Department of Chemical Engineering, D. Y. Patil College of Engineering and Technology, Kolhapur under the guidance of Pune Regional Centre.

10.0 Research and Development

- 10.1 Council to note that in current year 2022, the following research papers and research activities have been carried out using name of IIChE:
- Saptarshi Mitra, Aniruddha Hore, Sujoy Bose, Avijit Ghosh, presented “Green Pathway for Hydrogen Production” at SCHEMCON 2022 organised on 23 ~ 24 September 2022 and has been included in its proceedings.
 - Priyanka Goel, **Avijit Ghosh** published research paper on “Applications of Graphene-based Electrocatalysts for PEMFC’s – Material Today: Proceedings, Elsevier, 18th November 2022.
 - Barsha Das, Sagnik Das, Soumyabrata Tewary, Sujoy Bose, Sandip Ghosh, **Avijit Ghosh**, are to present their work on “Efficient method for the extraction of Lithium from spent Li-ion battery”, at CHEMCON 2022 to be held on 27-30 December, 2022 and included in CHEMCON 2022 Proceedings.
 - Patent Filing:** Dr. Biswajit Mandal, Mr. Swarnajit Bhattarcharya, **Dr. Avijit Ghosh**, Mr Tapotanay Pal have filed a patent on “Air Health monitoring system by IIChE” jointly with Heritage Institute of Technology, Haldia, Institute of Technology and Terra-Green Technologies Pvt. Ltd.
 - Book Chapter:** Saptarshi Mitra, Aniruddha Hore, Sujoy Bose, **Avijit Ghosh**, submitted their research text on “Effect of Functionality and Microstructure on the Development of Ceramic Membrane”.
- 10.2 The Council was requested that those Council Members, who are associated with academics, are requested to publish at least one publication in association with IIChE. This will help IIChE HQ to apply for IT 35(i) (ii) status and to avail 100% exemption from income over expenditure from IT Deptt.
- 10.3 To carry out research activity, the Council decided to set up a laboratory at IIChE building in collaboration with another Institute for which a budget of Rs.5.0 lakh was approved. The collaborative institute will help to execute the setting up the laboratory in consultation with R&D committee.



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11.0 Examination

- 11.1** The Council noted that Associate Membership Examination for March 2022 semester was conducted from November 24, 2022, to December 03, 2022 through five examination centres. The Council further noted that even after several requests, the authority of Surat Examination Centre did not give approval of conducting examination at SVNIT and hence examination could not be conducted in SVNIT, Surat center in future.
- 11.2** To encourage the candidates of AMIChE, the Council decided that the pass mark of each subject would be 40 instead of 50 (out of 100) from March 2023 semester.
- 11.3** Mr. M Muralikrishna, a candidate of AMIChE, registered his name for appearing examination in 2013 but did not appear in any examination till March 2016. After joining IOCL, the candidate re-registered himself for appearing examination in September 2016 and as on date has cleared 7 papers. As his initial registration was in March 2013 (which is considered valid as per AICTE circular), the candidate requested to continue with initial registration of March 2013 with 7 subjects cleared with September 2016 registration.

The Council considered the request of Mr. Muralikrishna with initial registration in 2013 (by considering 7 subjects cleared after re-registering in September 2016) as a special case for the benefit of the student but it should not be cited as precedence for other cases in future.

12.0 Committee

- 12.1** The Council approved the minutes of the meeting for CHEMCON 2023 held on 09.11.2022 at Hotel Vivanta furnished at *Annexure -9*.
- 12.2** The Council approved the minutes of the meeting with the Chairman, LOC of CHEMCON 2023 held on 10.11.2022 furnished at *Annexure -10*
- 12.3** The Council approved the minutes of the meeting of the President and the HQ office staff held on 10.11.2022 furnished at *Annexure -11*.
- 12.4** The Council approved the minutes of the Special Meeting at Patna on 13.11.2022 furnished at *Annexure-12*.
- 12.5** The Council approved the minutes of the meeting for CHEMCON 2023 held on 26.11.2022 furnished at *Annexure -13*.
- 12.6** The Council approved the minutes of the meeting for CHEMCON 2023 held on 29.11.2022 furnished at *Annexure -14*.
- 12.7** The Council approved the minutes of the 4th meeting of the Finance Committee held on 03.12.2022 furnished at *Annexure-15*.
- 12.8** The Council approved the minutes of the 1st meeting of the HQ Office Administrative Committee held on 17.12.2022 furnished at *Annexure – 16*.
- 12.9** The Council approved the minutes of the meeting for CHEMCON 2023 held on 17.12.2022 furnished at *Annexure -17*.

13.0 Other Items to be discussed with the permission of Chair

- 13.1** Council noted that IChE is registered under the Ministry of Corporate Affairs, Govt. of India to receive



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funds from the corporate houses as the CSR activity. It was also noted that first CSR fund of Rs. 25 Lakh was received from IVL Dhunseri Petrochem Ltd. in November 2022.

- 13.2 For implementation of CSR activities with proper record of expenditures made for the activities covered under CSR, a committee was formed by the Council comprising of Coordinator (Honorary Secretary), Chairman (President), and one member (Chairman of Finance Committee).
- 13.3 The Council noted that MoU with American Institute of Chemical Engineers, Canadian Society of Chemical Engineers and the Chemical Society of Japan would be signed during CHEMCON 2022.
- 13.4 President informed that portals on IICHe's web site on 'Industrial Polyclinic' and 'Ask the Expert' are ready and will be validated after CHEMCON 2022. After which they will be put on web site as service to industry and benefits of students, freshers and young engineers.
- 13.5 President further informed that Draft on formation of National Chemical Safety Board (NCSB) has been circulated to all the council members and has been accepted by council members. Since NCSB has involvement of Factories Inspectorate, which is falling under Labour Ministry, as proposed during previous council meetings, a meeting with Labour Minister, GoI is to be arranged. This will be planned by mid-March 2023.

14.0 Date and Venue of the next meetings

The first Council Meeting of 2023 shall be held at on December 29, 2022, at HBTU Campus, Kanpur at 17.30 hrs.

Dr. Avijit Ghosh
Honorary Secretary

Mr. D. M. Butala
President