

Annual Report
2008-09
(April 1, 2008 to March 31, 2009)



Indian Institute of Chemical Engineers

List of Council Members for 2008 & 2009

2008	Designation	2009
Dr S Ganeshan, 9 Lakshmi Nivas, 169-D Dr Ambedkar Road, Dadar, Mumbai 400 014, [O] (022) 2573 5194, [R] (022) 24143485, [Mobile] (0)9820986067, ganeshan1@mtnl.net.in	President	Mr Sushil Kumar, President, Dahej Manufacturing Divn., Reliance Industries Ltd., P.O. Dahej 392 130, Tal: Vagra, Dist. Bharuch, Gujarat 392 130 [O] (02641) 283101, [Mobile] 9998970021, sushil_kumar@ril.com
Mr K Venkataraman, Member of the Board & President (O) Larsen & Toubro Limited, Saki-Vihar Road, Powai (West), Mumbai 400 072, [O] (022) 67051244, 6705 1244/ 6705 2766, kv@Intenc.com	Immediate Past President	Dr S Ganeshan, 9 Lakshmi Nivas, 169-D Dr Ambedkar Road, Dadar, Mumbai 400 014, [O] (022) 2573 5194, [R] (022) 24143485, [Mobile] (0)9820986067, ganeshan1@mtnl.net.in
Prof V K Rattan, Dept of Chemical Engineering, Panjab University, Chandigarh – 160 014, [O] (0172) 534919, [R] 771498, [M] 9815334198, vkrattanpu@yahoo.com	Vice Presidents	Prof V K Srivastava, B-71, Gyandeep Apartment, Mayur Vihar, Phase – I, Delhi 110 091, [R] (011) 22796422, [Mobile] (0)9818263545, vikusr@yahoo.com
Mr Sushil Kumar, President, Dahej Manufacturing Divn., Reliance Industries Ltd., P.O. Dahej 392 130, Tal: Vagra, Dist. Bharuch, Gujarat 392 130 [O] (02641) 283101, [Mobile] 9998970021, sushil_kumar@ril.com		Prof Ch V Ramachandra Murthy, Department of Chemical Engineering, Andhra University, Waltair, Visakhapatnam 530 003, [O] (0891) 2754871 Extn.496, [R] (0891) 2504520, [Mobile] 94403 89136, prof.chvrmurthy@sify.com
Dr Basab Chaudhuri, Dept of Chemical Engineering, University of Calcutta, 92, A P C Ray Road, Kolkata – 700 009, [O] (033) 2350 8386, [R] (033) 2321 4327, [Mobile] 9830217296, basabc@vsnl.net	Honorary Secretary	Prof Basab Chaudhuri, Dept of Chemical Engineering, University of Calcutta, 92, A P C Ray Road, Kolkata – 700 009, [O] (033) 2350 8386, [R] (033) 2321 4327, [Mobile] 9830217296, basabc@vsnl.net
Mr T L Prasad, Room No.310, DEED Complex, BARC, Trombay, Mumbai 400 085, [O] (022) 25591029, [R] (022) 2556-4402, [M] 9324605780, 9869879214, tlj@magnum.barc.ernet.in	Honorary Joint Secretary	Prof N M Surana, 103-A, Ganga Jamuna Society, Subhanpura, Vadodara 390 023, Gujarat, [R] (0265) 2399763, [Mobile] (0)9898934606, nmsurana@yahoo.com
Mr Smarajit Das, K-467 New Alipur, Kolkata 700 053, [R] (033) 2400-0771, smarajitd@hotmail.com	Honorary Treasurer	Mr B R Saha, Dept of Chemical Engineering, University of Calcutta, 92 A P C Road, Kolkata 700 009, [R] (033) 25718559, [M] (0)9831675478, saha.bibhuti@gmail.com
Dr S S Bandyopadhyay, Professor of Cryogenic Engineering, Separation Science Laboratory, Cryogenic Engineering Centre, Indian Institute of Technology, Kharagpur 721 302, [O] (03222) 283581/281453, 278838, [R] (03222) 278839, [Mobile] (0)9932676369, sbandyo@hijili.iiitkgp.ernet.in, svyamaledub@yahoo.co.in	Honorary Editor	Dr Anil Kumar Saroha, Associate Professor, Dept of Chemical Engineering, Indian Institute of Technology, Delhi, Hauz Khas, New Delhi 110 016, [O] (011) 2659-1032, [R] (011) 2659-1661, [Mobile] (0)9871360500, aksaroha@chemical.iitd.ac.in
Prof V V Basava Rao, 2-2-3B/2/A, Flat No. 201, Tirumala Nivas, Durgabai Desmukh Colony, Bagh Amberpet, Hyderabad 500 007, [O] 040 27098901 Ext:244, 27427014, [R] 2766-1014, [Mobile] (0)9989156705, drbasavarao@yahoo.com	Controller of Examinations	Dr T Viruthagiri, Professor & Head, Department of Chemical Engineering, Annamalai University, Annamanai Nagar 608 002, Chidambaram, [O] (04144) 239737, [R] (04144) 223412, [Mobile] (0)9443044503, drtvqin@rediffmail.com
Dr T Kannadasan, Professor, Dept of Chemical Engineering, Coimbatore Institute of Technology, Coimbatore 641 014, [O] (0422) 2574071, [R] (0422) 2575555, [Mobile] 9894100454, tkannadasan56@yahoo.com	Honorary Registrar	Dr M K Jha, Professor and Head, Department of Chemical Engineering, National Institute of Technology, Jalandhar 144 011, Punjab, [O] (0181) 2690301, Ext.252, [R] (0181) 269-0668, [Mobile] (0)9417290668, jhamkin@yahoo.co.in
Prof V K Srivastava, B-71, Gyandeep Apartment, Mayur Vihar, Phase – I, Delhi 110 091, [R] (011) 22796422, [Mobile] (0)9818263545, vikusr@yahoo.com	Member	Mr K Venkataraman, Member of the Board & President (O) Larsen & Toubro Limited, Saki-Vihar Road, Powai (West), Mumbai 400 072, [O] (022) 67051244, 6705 1244/ 6705 2766, kv@Intenc.com (till 21.02.2009, due to resignation from the Council)
Dr M K Jha, Professor and Head, Department of Chemical Engineering, National Institute of Technology, Jalandhar 144 011, Punjab, [O] (0181) 2690301, Ext.252, [R] (0181) 269-0668, [Mobile] (0)9417290668, jhamkin@yahoo.co.in	Member	Dr T Kannadasan, Professor, Dept of Chemical Engineering, Coimbatore Institute of Technology, Coimbatore 641 014, [O] (0422) 2574071, [R] (0422) 2575555, [Mobile] 9894100454, tkannadasan56@yahoo.com
Prof N M Surana, 103-A, Ganga Jamuna Society, Subhanpura, Vadodara 390 023, Gujarat, [R] (0265) 2399763, [Mobile] (0)9898934606, nmsurana@yahoo.com	Member	Md Habibulla, Chief Executive, L & T Chiyoda Ltd., B P Estate, NH – 8, Chhani, Baroda 391 740, [Mobile] (0)9825031185, mhabibulla@lctis.lindia.com
Md Habibulla, Chief Executive, L & T Chiyoda Ltd., B P Estate, NH – 8, Chhani, Baroda 391 740, [Mobile] (0)9825031185, mhabibulla@lctis.lindia.com	Member	Dr Jayant M Modak, Department of Chemical Engineering, Indian Institute of Science, Bangalore 560 012, [O] (080) 2293-3108, [Mobile] (0)9980874620, modak@chemeng.iisc.ernet.in
Dr Jayant M Modak, Department of Chemical Engineering, Indian Institute of Science, Bangalore 560 012, [O] (080) 2293-3108, [Mobile] (0)9980874620, modak@chemeng.iisc.ernet.in	Member	Mr D M Butala, 5 Mohak, B/h. Manisha Society, Behind Raja's Lavkush Bungalow, Near Upendra Bhatt's Bungalow, Syed Vasana Road, Baroda 390 015, [O] (0265) 224-2422 [R] (0265) 225-3977, [Mobile] 09979853514, dmbutala@gsfcilt.com
Dr T Viruthagiri, Professor & Head, Department of Chemical Engineering, Annamalai University, Annamanai Nagar 608 002, Chidambaram, [O] (04144) 239737, [R] (04144) 223412, [Mobile] (0)9443044503, drtvqin@rediffmail.com	Member	Mr Arun K Saxena, Chairman NMSIL, BCPL & TGIPL; former Scientist 'H' BARC, Nucleotech MSI Ltd., Plot 55, New Chemical Zone, MIDC Talaja, Navi Mumbai 410 208, [O] (022) 2786-8765, [R] (022) 2294-3525, [Mobile] (0)9322521490, arunsaxena7747@yahoo.com
Prof G K Roy, Department of Chemical Engineering, National Institute of Technology, Rourkela 769 008, Orissa, [O] (0661) 246-2257, [R] (0661) 2463257, 2470046, [Mobile] 9437041390, gk_roy@hotmail.com ; gkroy@nitrrl.ac.in	Member	Dr K C Biswal, Dept of Chemical Engineering, National Institute of Technology, Rourkela 769 008, Orissa, [O] (0661) 2462253, [R] (0661) 2463253, [M] (0)9437049423, kcbiswal@nitrrl.ac.in
Dr Rm Muthiah, Head, Analytical & Spectroscopy Divn., Vikram Sarabhai Space Centre, Trivandrum 695 022, [O] (0471) 2565691, [R] (0471) 2342720, [M] 9447501708, rm_muthiah@vssc.org	Member	Mr P R Datta Ray, 7/3 Poddar Nagar, (Ground Floor), P.O. Jodhpur Park, Kolkata – 700 068, [R] (033) 2412-7565, [Mobile] 9830344837, prdattaray@yahoo.co.in
Prof Ch V Ramachandra Murthy, Department of Chemical Engineering, Andhra University, Waltair, Visakhapatnam 530 003, [O] (0891) 2754871 Extn.496, [R] (0891) 2504520, [Mobile] 94403 89136, prof.chvrmurthy@sify.com	Member	Prof N Subrahmanyam, E-5 Vrindavan Estate, Pashabhai Park, Near Nattubhai Circle, Gotri Road, Vadodara 390 007, [R] (0263) 2351243, 3057130, 2340185, [M] (0)9898317199, nsmanyambaroda@gmail.com
Mr D M Butala, 5 Mohak, B/h. Manisha Society, Behind Raja's Lavkush Bungalow, Near Upendra Bhatt's Bungalow, Syed Vasana Road, Baroda 390 015, [O] (0265) 224-2422 [R] (0265) 225-3977, [Mobile] 09979853514, dmbutala@gsfcilt.com	Member	Mr A Bhasker Reddy, Director, Enfab Industries Pvt. Ltd., Plot No.138-A, IDA, Mallapur, Hyderabad 500 076, [O] (040) 2782-4343 (D)/3073, 2715-2402, [R] (040) 2354-8985, [M] (0)9849028935, enfab@satyam.net.in
Mr Arun K Saxena, Chairman NMSIL, BCPL & TGIPL; former Scientist 'H' BARC, Nucleotech MSI Ltd., Plot 55, New Chemical Zone, MIDC Talaja, Navi Mumbai 410 208, [O] (022) 2786-8765, [R] (022) 2294-3525, [Mobile] (0)9322521490, arunsaxena7747@yahoo.com	Member	Mr D S Sastry, General Manager (IT and R&D), Rashtriya Ispat Nigam Ltd. Visakhapatnam Steel Plant, Visakhapatnam 530 031, Andhra Pradesh, [O] (0891) 2519264, [R] (0891) 2886325, 2742148, [M] (0)9866182944, dssastry@hotmail.com
Mr Mukesh Rohatgi, Chairman & Managing Director, Engineers India Ltd., Engineers India Bhawan, 1 Bhikaji Kama Place, R K Puram, New Delhi 110 066, [O] (011) 2619-2509, rohatgim@eil.co.in	Member	Dr Y Jagannadha Rao, Principal, Basaba Academy of Engineering, P.O. Nagasanda, Bangalore 560 073, [O] (080) 2271-4160, [R] (080) 2333-4832 [M] (0)9866775211, raoy@rediffmail.com
Mr P R Datta Ray, 7/3 Poddar Nagar, (Ground Floor), P.O. Jodhpur Park, Kolkata – 700 068, [R] (033) 2412-7565, [Mobile] 9830344837, prdattaray@yahoo.co.in	Member	Dr Anil Verma, Assistant Professor, Dept of Chemical Engineering, Indian Institute of Technology, Guwahati, Guwahati – 781 039, [O] (0361) 2582255 [R] (0361) 2584255, [M] (0)9435546186, anil.verma@iitg.ernet.in
Mr C P Ramulu, Plot No. 25 (3-5-1093/20/A), Venkateshwara Colony, Narayanguda, Hyderabad 500 029, [O] (040) 2719-3626, [R] (040) 2475-3403, cpramulu@ict.res.in	Member	Mr A K Sahni, Chief Manager, Urea Plant, GNFC, Bharuch - 392 015, Gujarat, [O] (02642) 237336, [R] (02642) 246741, [Mobile] (0)9925224671, aksahni@gnfc.in
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**Indian Institute of Chemical Engineers
Kolkata – 700 032**

Annual Report for 2008-2009

1.0 Introduction

The report covers the major activities of the Institute during the period 1 April 2008 to 31 March 2009.

2.0 61st Annual Session and CHEMCON 2008

The 61st Annual Session of the Indian Institute of Chemical Engineers (IICChE) and the Indian Chemical Engineering Congress (CHEMCON) 2008, organized by the Chandigarh Regional Centre in collaboration with the Department of Chemical Engineering & Technology and Energy Research Centre, Panjab University, was held during 27-30 December 2008 at the Department of Chemical Engineering & Technology and Energy Research Centre, Panjab University, Chandigarh. The central theme of this CHEMCON was 'Green Technology & Sustainable Development'. The congress was attended by about 600 delegates from all over India and abroad. CHEMCON-2008 also coincided with the celebration of 50 years of the department, which has contributed significantly to the spread of education in the domain of engineering and technology.

The Congress was inaugurated by the Shri Pawan Kumar Bansal, Union Minister of State for Finance. He urged the scientists and technologists to find a way to meet the energy needs of the present without compromising the ability of future generations to meet their needs. The inaugural session was also addressed by Shri Dharam Vir, Chief Secretary, Govt. of Haryana. He congratulated Panjab University for serving as a centre for excellence and emphasized on the need to develop a coherent strategy to reduce energy demand and to transfer cleaner technologies to developing countries. In his address, Prof R C Sobti, Vice Chancellor, Panjab University, outlined the various programmes started by Panjab University and other student welfare activities. He also recommended that the Department of Chemical Engineering and Technology be renamed as University Institute of Chemical Engineering and Emerging Technology. Prof S K Sharma, Chairman of Local Organizing Committee of CHEMCON talked about the setback, chemical and allied industries have suffered because of the rise in the crude oil prices in the international market and the global economic meltdown. He urged the government for support and cooperation to the chemical industry by taking in to consideration the taxes and duties on raw materials and petrochemical products. Dr S Ganeshan, President of IICChE, highlighted the various activities of IICChE along with the international collaboration that IICChE has developed in the recent past and talked how water can become the new oil.

28th December 2008 was observed as the Dhirubhai Ambani Commemoration Day on the occasion of his 75th Birth Anniversary and Dhirubhai Ambani Oration was delivered by Dr R B Grover, Director, Strategic Planning, Department of Atomic Energy and Director, Homi Bhabha National Institute of Atomic Energy, on 'Opening up of International Civil Nuclear Trade and Growth of Nuclear Energy in India'. An Indo-US joint symposium was also held on that day.

The conference was also attended by His Excellency, Dr A R Kidwai, Governor of Haryana, Prof R Kumar of IISc, Bangalore; Prof Arvind Varma of Purdue University, Shri Sapan Ray, Senior Vice President, Reliance Industries Ltd., and many other dignitaries.

Award Presentation

The IICChE Awards for 2008 were presented on December 27, 2008 during the inaugural programme. A list of the awards and awardees is given in Point 8.0. The Dr B P Godrej Life Time Achievement Award was conferred upon Prof R Kumar for his exemplary services to the Profession of Chemical Engineering, Technology and Industry in the country.

Memorial Lectures

The **Dr H L Roy Memorial Lecture Sponsored by Jacobs** was delivered Professor Dr G D Yadav, Head, Department of Chemical Engineering and Darbari Seth Professor, as well as Dean, Research, Consultancy and Resource Mobilisation, UICT, Mumbai; Past President, IICChE and Chairman, NOC, CHEMCON-2008, on 'Is there any beauty, charm and challenge left in Chemical Engineering?' In his lecture Prof Yadav expressed his anguish that the entire world is witnessing turmoil – growing energy crisis, food shortage, absence of clean water and rampant act of terror. The world population is increasing at an alarming rate in underdeveloped nations. These nations do not have resources and have shortage of food, shelter and employment. He wished that change is the essence of life and we must change ourselves to make chemical engineering more attractive, more fascinating, more lucrative, because we have the training, basic tools and system design approach to be useful in every conceivable field. Chemical Engineering is truly boundary-less.

Aker Powergas's Prof N R Kamath and Mrs Ruzena Kamath Memorial Lecture was delivered by Prof Ashutosh Sharma, Institute Chair Professor, Department of Chemical Engineering, Indian Institute of Technology, Kanpur, on 'Scientific Innovation & Creativity: Some Case Studies in New Process and Product Development'. He told the audience that he wanted to explore some ideas about what innovation and creativity mean and what was their role in the context of modern chemical engineering research. He also iterated that this presentation is not really a written speech, but a scientific presentation which will touch upon some aspects of creative scientific thinking illustrated by a few examples from his own experience.

Inventaa C K Murthy Memorial Lecture was delivered by Prof Rakesh Agrawal, Winthrop E. Stone Distinguished Professor, School of Chemical Engineering, Purdue University, on 'Synergistic Processes to Produce Biofuels from Biomass'. He discussed about large scale implementation of biomass to liquid fuel for transportation. The process produces nearly three times more liquid fuel from a given quantity of biomass. The new processes treat biomass

predominantly as a carbon source and rely on novel integrations to preserve carbon atoms during biomass conversion to liquid fuel.

CDS Lectures

A total of 15 Chemcon Distinguished Speakers (CDS) lectures, as listed in Point 8.0, were delivered during the 4-day event.

Technical Sessions

About one thousand two hundred Technical Papers were received. About 600 papers were shortlisted out of which 300 were read out in oral presentations and 300 were presented in poster sessions. Eight papers were presented in INDO-US Joint Symposium.

Exhibition

A Technical Exhibition was organized by the Chandigarh Regional Centre, IChE. There were some stalls with exhibitors from diverse fields, viz., K C Engineers Pvt. Ltd., Kickstart Placements, Indiasoft, etc.

3.0 61st Annual General Meeting

The sixty-first Annual General Meeting (AGM) of the Institute was held on December 28, 2008 at the Department of Chemical Engineering & Technology Auditorium, Panjab University, Chandigarh. Dr S Ganeshan, President of the Institute, chaired the meeting that was attended by 61 corporate members (list is given in the back cover page). Before commencement of the proceedings, the members stood in silence as a mark of respect to the following members who expired during the period: Prof Subhash Chandra Roy (LM-02190), Prof J C Bansal (LM-04833), Dr O P Kharbanda (M-00251), Prof Bimalendu Ghosh (LM-00126).

The minutes of the 60th (Sixtieth) Annual General Meeting held on December 27, 2007 at the Heritage Institute of Technology, Anandapur, Chwobaga Road, P.O. East Kolkata Township, Kolkata 700107 as circulated on November 25, 2008 by Prof Basab Chaudhuri, Honorary Secretary, were confirmed, as proposed by Prof Basudeb Barman and seconded by Prof K C Biswal.

Prof Basab Chaudhuri, Honorary Secretary read out from the Annual Report of the Institute, as circulated amongst the members and appraised the members about various activities carried out during the year.

The meeting adopted the Annual Report of the Institute unanimously, as proposed by Mr Nitin Patel and seconded by Prof R S Misra.

Mr Smarajit Das, Honorary Treasurer presented to the Members, the salient features of the Consolidated Annual Accounts of the IChE, circulated amongst them. After deliberations the meeting adopted the Annual Report of the Institute unanimously, as proposed by Prof G D Yadav and seconded by Prof S K Sharma.

Prof Basab Chaudhuri, Honorary Secretary, reported that Ahmedabad, Kanpur, Kalpakkam, Nadiad and Vapi Regional Centres did not submit their Annual Accounts

for the year 2007-08 in spite of reminders. The members were critical about non-submission of Audited Annual Accounts by the Regional Centres and were of the opinion that they might be given one more chance.

As the existing Auditors M/s Nirupam & Associates., Chartered Accountants, Rashkhola Para, Khardah, Dist. 24 Pgs (N), Kolkata 700 117, had expressed their willingness through letter no. NA/IICE/03/2008-09 dated 11.12.2008 for auditing of IChE HQ account for the year 2009. The meeting resolved to appoint M/s Nirupam & Associates, Chartered Accountants, Rashkhola Para, Khardah, Dist 24 Parganas (N), Kolkata 700 117 as Auditors of the Institute i.e. IChE Accounts for the Financial year 2008-2009 on the same terms and conditions like the previous year as mentioned below:

Financial Year	Services	Remuneration
2008-2009	Auditing of IChE Headquarters Accounts and Consolidated Accounts of IChE. Advice on Income Tax and other tax related matters.	Rs 15,000/-

Prof Basab Chaudhuri, Honorary Secretary announced the names of the newly elected Council members for 2009 and the AGM congratulated them on their electoral success and hoped they would contribute to the growth and development of IChE.

4.0 Council Meeting Highlights

The Council had the following meetings between 1 April 2008 and 31 March 2009.

4.1 3rd meeting for 2008, held at IChE Conference Room, Kolkata, on April 19, 2008

IChE Diamond Jubilee Research Fund

IChEHQ had received an amount of Rs. 50,24,433/- from IChE, Mumbai account being the surplus generated from various activities undertaken in Mumbai as part of IChE Diamond Jubilee Celebrations. Job specification for the post of R&D Director had been inserted in the Institute's web site and would be published in January-March 2008 issue of Indian Chemical Engineer. The Council noted the above and appreciated Mr K Venkataraman's great contributions as the President of the Institute during the period 2006-2007. The Council appreciated the good work done by the members of the Mumbai Regional Centre and also the L&T team for translating the dreams of Mr K Venkataraman into reality.

Non Functional Regional Centres (Surat and Veraval)

An email dated 31.03.2008 had been received from Mr Sushil Kumar that he has not been able to contact anyone at Veraval Centre. He has contacted Mr Parimal Parikh, Chairman of Surat Chapter and shall revert back regarding the developments. The following were reported in the Annual General Meeting of the Institute on 27.12.2007 at Kolkata:

“The members were critical about non-submission of Audited Annual Accounts by the Regional Centres and were of the opinion that, in line with the action taken against some of the Regional Centres for similar default in the previous year, warning letters should be sent to the members of these centres explaining the situation and if any of these centres fails to take positive action by March 31, 2008, steps should be taken to close the centres.

Dr M K Jha, Chairman, Doaba Regional Centre, IICHe offered to submit the Annual Audited Accounts for the financial year 2006-07 to IICHe HQ within one month.

The members requested Mr Sushil Kumar to take initiative for Surat Regional Centre, IICHe.

As the Veraval Regional Centre, IICHe did not submit its Annual Accounts for 2006-07 by the stipulated time, the members decided to close the Veraval Regional Centre and transfer their funds to the Headquarters or to a nearby Regional Centre who will take over the Institute’s activities within the jurisdiction of the defaulting Regional Centre.”

Considering the above the Council requested Mr Sushil Kumar and Mr N M Surana to look into the cases once again. If there is no improvement, these Centres would be closed after May 1, 2008 and letters would be sent to the members of these centres to keep them informed about the developments and requesting them for appropriate action for transfer of the funds and other movable assets of these Regional Centres to IICHe HQ.

Publication

Dr S S Bandyopadhyay informed the members about the status of publication of the Jan-Mar 2008 issue of ICE. He proposed that to accommodate more articles in issues of ICE keeping the number of pages same as at present the list of new members and announcement regarding awards may be omitted from the printed issues of ICE but may be included in the website of the Institute, particularly because the common members do not receive the printed issues now. The Council approved the same.

Dr R B Roy Choudhury Memorial Lecture

Dr Ganeshan informed the members that the Mumbai Regional Centre has already overspent in arranging the lecture during the previous years and it would be difficult for the Institute to arrange the lecture out of the interest generated from the endowment of Rs 2.00 lakhs. The members also observed that already there are three memorial lectures to be arranged during Chemcon and it would be extremely difficult to include one more unless the same is conducted in a parallel session. Dr M K Jha proposed that the lecture may be arranged during Schemcon where there is no memorial lecture. The Council agreed and requested the Honorary Secretary to kindly take the matter with the sponsor.

Income Tax Exemption u/s 35(1)(ii) of IT Act

The Council noted that reply to CBDT’s request (to show cause, by 21.04.2008 positively, as to why Institute’s application seeking renewal of approval for period beyond 01.04.2005 may not be rejected) has been sent by the Honorary Secretary after taking into account the suggestions received from the Council members on the draft reply prepared by IICHe HQ.

Write off of amounts from the Annual Accounts

The Honorary Treasurer proposed for write off of the following amounts from the Annual Accounts of the previous year. He was requested to take necessary steps in this regard according to rules after considering legal implications.

- Suspense A/c Rs. 21,25,555/- as per Annual Report
Council requested to consult Lawyer/Chartered Accountant
- Advance of Rs. 50,000/- [i.e. (1) Director, HBTI, Kanpur - Rs. 24,000/- & (2) Dr M Velan – Rs. 26,000/-]
Appearing in the Account for a considerable period of Time.
Council approves to write off.
- Council approved the outstanding liabilities appearing in the accounts for more than 3 years of Rs. 1,19,422/- is to be written back.

Examination

The Council noted that the results of September 2007 Home Paper Examination had been published on 3rd March 2008. The following 34 candidates came out successfully.

Sl. No.	Name	Roll No.
1	Kammara Prathapu	95/S3/481
2	Thota Prasad	97/S3/307
3	Pinakin R Patel	97/S3/664
4	M P Jose	98/S3/64
5	Bhanu Pratap Singh	99/S3/60
6	A Sreedevi Sapna	99/S3/98
7	S Ambalavanan	99/S4/408
8	Rambhai D Kamlyia	00/S3/78
9	Sunil Mathur	00/S3/85
10	G Mahesh Kumar	00/S3/277
11	Raghu Raj Singh	00/S3/329
12	Birendra Kumar Gupta	00/S3/392
13	A K Sasi	00/M4/519
14	Raja Ratan Sen	00/M5/246
15	Biswajit Seal	01/S3/43
16	Vipul A Mehta	01/S3/98
17	Abhay Kumar Singh	01/S3/390
18	Bhaveskumar M Suthar	02/S3/8
19	Biplab Das	02/S3/213
20	Nag Mani Mishra	02/S3/422
21	Venkata S Dadi	02/S3/424
22	Rakesh Kumar	02/S3/435
23	Atanu Ghosh	02/S3/439
24	Ravichandran S	03/S3/45
25	B B S M Aravindu	03/S3/225
26	Punit Kumar	04/M4/48
27	Piyushmukar C Joshi	04/S4/70
28	P Venkatesh	04/S4/81
29	Mukunthan M	04/S4/111
30	Devendra K Belgahe	04/M4/187
31	K Uma Shankar	04/M4/239
32	Vijay Pal Gangwar	05/M5/171
33	S Kishore Kumar	01/S3/252
34	K Kiran Kumar	01/S3/413

Regional Centre Affairs

By sending an email, Prof V K Rattan informed the IChE HQ that the Student Chapter of the Department of Chemical Engineering, Seth Jai Prakash Mukand Lal Institute of Engineering and Technology (JMIT), Radaur was to be inaugurated on 12.04.2008. Council noted the above.

4.2 4th meeting for 2008, held at Bharuch on August 2, 2008

IChE Diamond Jubilee Research Fund

An endowment of Rs. 50.00 lakhs has been invested in Fixed Deposit. Job specification for the post of R&D Director has been posted in the Institute's website and published in Jan-March issue of ICE. Council noted that only one application related to the post of Director, R&D has been received so far. All the members present were requested to look for some more suitable candidates for the job.

Non Functional Regional Centres (Surat and Veraval)

An email dated 20.05.2008 has been received from Mr Sushil Kumar as follows:

"We can close the Veraval Chapter – as I told you last time. For Surat Chapter I am in touch with him. He has promised to give accounts which he has to get audited by a recognized CA."

Honorary Secretary had sent a notice to the all regular members of Veraval Regional Centre on 22.05.08 intimating that IChE would close down the Veraval Regional Centre.

Regarding Surat Regional Centre, till date they have not submitted their Annual Accounts to the IChE Headquarters.

Mr Sushil kumar stated that at present, no-one was aware of the accounts of the Surat RC and hence, it was impossible to get the audited accounts from both the centres. The council noted the same and decided to merge the Veraval centre and Surat centre with Baroda and Ankleswar centres, respectively. The Honorary Secretary was requested to take into consideration constitutional provisions and then send proper intimation to both Baroda & Ankleswar Regional Centres and also inform the concerned members of the decision of the Council.

Dr R B Roy Choudhury Memorial Lecture

As it would be extremely difficult to include "Dr R B Roy Choudhury" lecture along with the other three Memorial Lectures during Chemcon and as Mrs Namita Roy Choudhury, the donor of the above Memorial Lecture did not give her consent for arranging the Lecture during S-Chemcon, the Council decided to revert to the original form of the Lecture; that is the Lecture will be organized by the Mumbai Regional Centre as in previous years. The Honorary Secretary was requested to inform the sponsor accordingly; a copy of the said communication would be forwarded to Mr K Venkatramanan, immediate past- President of the IChE.

Reimbursement of Traveling Expenses of the Council Members

The Honorary Secretary reported that the Honorary Treasurer recommended an increase of Rs. 2500/-

over the present limit as reimbursement of Traveling Expenses for the Council Members. The Council noted and approved the same.

Promotion of employees

Shri K C Mondal, Attendant, IChE will complete 8 years of his service in the Selection Grade Scale. Now he is eligible for promotion to the next higher scale.

Shri Susanta K Roy, Jr Asstt, IChE will complete 10 years of his service in the Regular Grade Scale. Now he is eligible for promotion to the next Selection Grade Scale.

The Council decided that Shri K C Mondal and Shri Susanta K Roy would have to appear in an interview and the promotion would be effected as per the recommendations of the board. The Selection Committee was constituted in accordance with Service Rule of the Institute comprising of Dr S Ganeshan, Mr Sushil Kumar, Prof Basab Chaudhari and Mr S Das.

Confirmation of promoted employees

Referring the Sl. No.6.3 of the confirmed Minutes of the 2nd meeting of the Council for 2008 held on 16.02.2008 at Osmania University, Hyderabad, where inadvertently the name of Sri Bimal Ch Das was included in the list of confirmed staffs, the Council was informed that the name would have to be deleted.

The Council agreed and requested the Honorary Secretary to take further action as necessary.

Award

Prof S S Bandyopadhyay pointed out anomalies in regard to the prize money of the second and third awardees.

The Council members requested the Honorary Secretary to take necessary action in the matter so as to remove the anomaly. It was decided that a letter would be sent to Mrs Kuloor, requesting her to enhance the prize money. A copy of the letter will be sent to Prof. T. R. Das as well.

Membership

Dr R Baishya was unanimously elected as Fellow of the Institute.

The eligibility criteria for the admission to Institute's Membership mention about degree in Chemical Engineering or Chemical or Allied Process Technology. The Admission Committee recommends about the candidates possessing degree in Chemical or Allied Process Technology. Mr T L Prasad, Council Member has requested that the following subjects are to be considered under this category.

Petroleum technology; Petrochemical technology; Bio technology, Food technology; Biochemical Engineering; Pulp & Paper technology; Sugar technology; Leather technology; Plastic and Rubber technology; Polymer Engineering; Oil technology; Paint technology; Ceramic technology; Environmental engineering.

The Council accepted the above qualifications as the eligibility criteria for the admission to the Institute's Membership except the "Environmental Engineering" if it is only a part of Civil Engineering.

Examination

An application for registration in Associate Membership Examination has been received from a candidate having Bachelor of Engineering (Fire technology) from Rajiv Gandhi Proudhyogiki Vishwavidyalaya, Bhopal. The Council decided to request Prof V V Basava Rao, Honorary Controller of Examination to check the syllabus and to decide about the eligibility qualification for Associate Membership Examination and if so, to decide whether any exemption of paper/s is to be granted.

Overlapping degree from IGNOU for Associate Membership Examination certificates

The Council requested Prof. V K Srivastava to negotiate on behalf of IChE with IGNOU. The council also felt that ECI might be involved in this regard.

Web Site

Honorary secretary reported that Mr Dipankar Chakraborti, Convenor of the Website Sub-committee, has taken initiative to revamp IChE web-site. In this regard substantial modifications/alterations are to be made for which a fresh quotation was obtained from the present Web site provider "Ardent Collaborations". The total estimated cost of Rs.20,000/- necessary to upgrade the website was placed before the council for approval. The council approved the same.

Regional Centre Affairs

Purchase of House Property of Mumbai Regional Centre

Dr. S. Ganeshan, President, IChE informed members of the decision of the Mumbai Regional Centre to have its own House Property. The deed has to be executed with the IChE.

In view of the consolidated accounts of the IChE, tax liabilities, if any, on immovable House Property will be borne by the respective Regional Centres. If need be, a list of Regional Centres having House Properties will be forwarded to the CBDT for ready reference. There may be inspections by the CBDT officials and the Regional Centres will extend all cooperation during these inspections so that the reputation of IChE is in no way tarnished.

The Council approved the formation of IChE Student Chapter at the Department of Chemical Engineering, Dr B R Ambedkar National Institute of Technology, G T Road Bye Pass, Jalandhar 144 011, Punjab under Doaba Regional Centre.

The Council approved the formation of IChE Student Chapter at the Department of Chemical Engineering, Institute of Engineering & Science IPS Academy, Rajendra Nagar, A B Road, Indore 452 012 for two years and Baroda Centre will mentor the Chapter.

AICHe-IChE Programme of Cooperation

An Agreement of Cooperation and Recognition was signed between AICHe and IChE on April 9, 2008. AICHe has recently shown interest to pursue the Scale-up Programme described under Schedule A of the Agreement. Under the programme AICHe will extend certain benefits to UG Chem Engg students of the IChE-approved Chem Engg Depts. The programme will be launched only after a commitment of

sponsorship of Rs 24 lakhs per year is obtained from the IChE.

After detailed deliberation, the council decided that before going to the Scale-up programme, right now it would be better to wait up to the AICHe -Philadelphia programme. Success of the programme will pave way for more fruitful collaborations. Under the circumstances, Mr K Venkataramanan would be able to negotiate further with the AICHe on sponsorship commitment of Rs 24 lakhs per year towards the launching cost of the said scale-up programme. The AICHe will be willing to consider the IChE proposal favorably in the backdrop of a successful joint programme as well.

IChemE-IChE Programme of Cooperation

Dr Ganeshan informed and the Council noted that as per the agreement of Cooperation and Recognition signed between IChemE and IChE last year, a Joint Events Programme was drawn up by President, IChE along with the Past Presidents – Prof G D Yadav, Mr D P Misra and Mr K Venkataramanan. Of these, the Benchmarking at UICT, Chemical Engineering Department of IITB and that of Jadavpur University has been completed as scheduled. Work on Biotech Process Video Conferencing, IPSC, Training Seminar of International Forms of Contract and IChemE- IChE Exchange 2008 have been taken up.

Dr Ganeshan also informed that Under the IChemE - IChE Exchange 2008, a small group of students of UG final year or PG in Chem. Engg and young professional chemical engineers with up to 4 years industrial experience from IChemE will attend Schemcon 2008 as hosted delegates and visit at least two industrial undertakings in India. A similar group from IChE will attend CHEMENG 08 at Birmingham as hosted delegates and visit two industrial units there. The expenditure of the programme will be borne by IChemE and IChE on the following reciprocal basis:

IChemE to bear cost of international travel of IChemE delegates and local hospitality and travel of IChE delegates in UK.

IChE to bear cost of international travel of IChE delegates and local hospitality and travel of IChemE delegates in India.

At the request of the President, IChE, Dr M K Jha, Council Member and Chairman of the Schemcon 2008 Organising Committee agreed to make all arrangements for the IChemE delegates in India including the plant visit at IOCL- Panipat Refinery & Ranbaxy Ltd and the local hospitality.

Regarding selection of the Indian delegates, garnering funds for them, etc, the Council requested Dr Ganeshan to take necessary action in consultation with Mr K Venkataramanan and Prof G D Yadav.

Pay Scale Revision of IChE employees

The Honorary Secretary reported that he had received an application from Mr Sandip Ghosh, Asst. Secretary regarding revision of Pay Scale of the employees, which was due since April-2008. With the permission of the members, he then read out the letter where a request of sanctioning an I.R benefit (20% of the basic pay per month) was made until finalization of the pay-scale. The Council decided to revise the pay-scale as

early as possible and entrusted the job to a committee comprising of Dr. S. Ganeshan, Mr. Sushil Kumar, Dr. B. Chaudhuri and Mr. S. Das.

Election of Calcutta Regional Centre

The Honorary Secretary requested the Council to give its verdict on a peculiar question that has come up in the Annual General Meeting of the Calcutta Regional Centre in connection with the last election to the Executive Committee of the Calcutta Regional Centre. Both Mr A Sural, Executive Secretary in the IChE HQ, who as a matter of practice used to be co-opted as a Member to the E. C. of the CRC every year, and Mr Sandip Ghosh, Assistant Secretary, IChE HQ, had filed nomination papers for the election. Prof D N Ghosh, Past-Vice-President of the IChE and the Returning Officer of the said election, had rejected the nomination papers filed by the two employees on the ground that both had been receiving salary (kind of office of profit) from the IChE and therefore, ethically they should not be allowed to contest the elections. The AGM of the CRC had specifically asked the Honorary Secretary, IChE whether there was any constitutional provision that could debar Mr Sural and Mr Ghosh from contesting. The matter was deliberated upon and the Honorary Secretary was requested to get the counsel of the IChE Council on the subject. Such a case had not come up for discussion earlier or such a provision has not been enshrined in the Constitution of the IChE perhaps because those who had conceived the IChE had never thought of employing Chemical Engineers as employees of the IChE. Further, whether a Chemical Engineer working in IChE as an employee and having the rights and privileges as an employee of the IChE can at the same time have rights as an EC Member of any Regional Centre or a Council Member of the IChE – that was the central question.

Members were quick to point out that chemical engineers receiving salary or pension from the IChE should never contest EC/ Council Elections as that destroys the very concept of Honorary Service to the profession/ Institute. If such a practice is indulged in, opportunistic interests will creep into the IChE and destroy the 60-year old Institute. The Council accepted whole-heartedly and unanimously the verdict of Prof D N Ghosh, the Returning Officer. Mr K Venkataramanan, Dr S Ganeshan and others requested the Honorary Secretary to inform all the Regional Centres and also members present at the AGM of the CRC, IChE of the decision of the Council on the subject immediately. Dr S Ganeshan further stated that he was in the process of amending the Constitution of the IChE and the point discussed would be included in the amended Constitution so that such an irrelevant question does not get any cognizance from any quarter.

4.3 5th meeting for 2008, held at NIT, Jalandhar on September 27, 2008

IChE Diamond Jubilee Research Fund

Dr S Ganeshan, President, IChE, reported and the Council noted that a four member committee, comprising of Dr S Ganeshan; Mr K Venkataramanan, Immediate Past President, IChE; Mr D P Misra, Past President, IChE and Prof G D Yadav, Past President, IChE; are going to recommend Dr Sukumar Devotta for the post of R&D Director of the Institute. It may be noted here that the terms & conditions of his appointment has to be regularized by the Committee specified in the Service Rules.

Non Functional Regional Centres (Surat and Veraval)

Ref Item No. 3.2 of the Fourth Meeting for 2008 held at Bharuch, where the Council has decided to close down Veraval and Surat centers and attach the concerned members with Baroda and Ankleshwar centers, respectively. The members have been informed accordingly.

According to the bye-laws, the territorial limit of a regional center is generally equivalent to a circle of 50 km radius, but the Council can fix the radius at its discretion. In case the concerned members decide to revive the Veraval and Surat Regional Centres at a later stage, their attachment to Baroda and Ankleshwar centers now may lead to complications at that time.

The Council, after long deliberations, decided to attach the members of Veraval and Surat Regional Centres with Baroda and Ankleshwar Regional Centres, respectively.

Publication

In absence of Prof S S Bandyopadhyay, Honorary Editor, IChE, Mr S Ghosh, Assistant Secretary, IChE, on Prof Bandyopadhyay's behalf, reported that the contract period with Anamaya is going to expire in October 2008. A fresh quotation is due to be received from Anamaya and the same shall be placed in the next Council Meeting, 2008. Meanwhile, the publisher was requested to publish one more issue (Oct-Dec, 2008) at the existing rate. The Council agreed on the same.

CHEMCON-2007

IChE HQ has received the audited statement of accounts of CHEMCON 2007 from Dr Asim Kumar De, Honorary Secretary, Calcutta Regional Centre. The Headquarters had received a sum of Rs. 3.00 lakhs towards contribution from the surplus generated in the Congress, which was considerably less as per the modified guidelines of Chemcon. Accordingly, the Honorary Secretary has sent a letter to the Calcutta Regional Centre with a request to contribute the exact amount to Headquarters from the surplus generated in Chemcon 2007.

The Council noted the receipt of audited statement of accounts of CHEMCON 2007. Regarding payment of surplus money over Rs. 3.0 lakh to HQ as per modified guidelines of Chemcon, the Council decided to wait for the reply from Calcutta Regional Centre, IChE.

CHEMCON-2008

The Council decided that the Chandigarh Regional Centre, IChE, should contribute as per modified guidelines to IChE- HQ. Prof V K Rattan, Honorary Regional Secretary, CRC and Organizing Secretary, CHEMCON-2008, agreed upon it.

Memorial Lectures

Prof N R Kamath Memorial Lecture

Mr Pothen Paul, Executive Chairman of Aker Powergas Pvt. Ltd. requested that the title of the lecture should be revised to "Aker Powergas's Prof N R Kamath and Mrs Ruzena Kamath Memorial Lecture" instead of

'Kvaerner Powergas India's Prof N R Kamath and Mrs Ruzena Kamath Medal and Memorial Lecture'.

The Council approved the same and decided to re-name the memorial lecture as "Aker Powergas's Prof N R Kamath and Mrs Ruzena Kamath Memorial Lecture".

Dr H L Roy Memorial Lecture

Mr Subhash Deshpande, Dy Managing Director of Jacobs Engineering, suggested change of title of the lecture to reflect their new name i.e. "Dr H L Roy Memorial Lecture sponsored by Jacobs". Presently the lecture is named as "Dr H L Roy Memorial Lecture sponsored by Jacobs H&G Pvt. Ltd".

The Council approved the same and decided that the lecture be re-named as "Dr H L Roy Memorial Lecture sponsored by Jacobs".

SCHEMCON-2008

The Council appreciated that SCHEMCON-2008 has been organized nicely at NIT, Jalandhar. It also thanked Dr M K Jha, Chairman, SCHEMCON-2008 and his team for their untiring efforts to make the programme a success., Dr M K Jha, Chairman, SCHEMCON-2008, was requested to submit the Report on SCHEMCON-2008 within 15 days (after completion of the Congress) to the IChE-HQ (with a copy to the concerned Regional Centre) for the perusal of the Council and the Executive Committee of the Regional Centre, respectively. The report should include recommendations regarding Best Papers presented in various sessions so as to enable the IChE Headquarters to finalize VICAL Awards for the best student's paper presented during the previous year. Dr M K Jha was also requested to announce the names for the Late Lakshmi Nandakumar Award for a lady student whose presentation in the Schemcon would be adjudged the best and Gouri Dutta Award for the Best Paper Presentation in Schemcon of the Year.

Annual Accounts of the Institute for 2007-08

The Council noted that out of 30 Regional Centres, Annual Report along with Annual Accounts have been received from 14 Regional Centres (Ankleshwar, Bangalore, Bhubaneshwar, Calcutta, Chandigarh, Gauhati, Hyderabad, Kharagpur, Kochi, Mumbai, Nagpur, Northern, Pune and Rourkela). Annamalai-Nagar and Trivandrum Regional Centres have sent only Annual Reports without Annual Accounts and Doaba, Damanjodi, Lote Parasuram, Mangalore, Vapi and Waltair Regional Centres have sent only Annual Accounts without Annual Report. The Council desired that the HQ should once again write to those defaulting Regional Centres, requesting them to submit their Annual Reports and Annual Accounts.

Financial

Mr S Das, Honorary Treasurer, IChE, proposed that the employee's Pension Fund be augmented from Rs.10.0 lakhs to Rs.20.0 lakhs with future surpluses (if necessary, in steps) on priority. The Council agreed on the same and requested Mr. S Das to proceed accordingly.

Examination

An application for registration in Associate Membership Examination has been received from a candidate having Bachelor of Engineering (Fire technology) from Rajiv Gandhi Proudhyogiki Vishwavidyalaya, Bhopal. Prof V V Basava Rao, Honorary Controller of Examinations, expressed his opinion to include "Bachelor of Engineering (Fire Technology)" within the list of eligibility qualification for AMIChE Examination. After a long deliberation the Council requested Prof Rao to check whether the syllabus of the said Institute compares well with our syllabus and meets our requirement.

Overlapping degree from IGNOU for Associate Membership Examination certificates

The Council requested Prof V K Srivastava and Mr Mukesh Rohatgi to have discussions with the IGNOU Authorities at an early date.

Examination Centre at NFL, Vijapur, Guna
Mr S K Sharma, Chief Manager (HRD) of NFL, Vijapur had sent a letter to the Honorary Secretary with a request to explore the possibility of opening an Examination Centre in Guna considering their difficulty in relieving a large number of candidates at the time of our Associate Membership Examination. Mr S Ghosh, Asst. Secretary, reported that he had made necessary correspondence with Mr S K Sharma in respect to infrastructural facilities available, cost of conducting Examination etc., which appeared reasonable.

The Council considered the matter and decided that an Examination centre be opened at Vijapur from the next semester, if possible.

Website and related activities

A new face of IChE website has been developed as per the advice of Mr Dipankar Chakrabarti, Convener, Website Committee.

IChemE-IChE Programme of Cooperation

The Council noted that:

a) As part of the IChemE-IChE Exchange-2008 programme, a team consisting of the following members of IChemE, has visited India during the period, 21-28 September, 2008 and has attended Schemcon 2008.

- 1) Alan Pearson, Process Engineer, Huntsman Polyurethanes
- 2) Daniel Purvis, NTL Development Manager, SABIC UK Petrochemicals
- 3) Alexandra Freyja Matten, Student, University of Manchester
- 4) Mee Khuan Soo, Student, Malaysia
- 5) Benjamin Drew, Student, University of New South Wales

Prof M K Jha, Council Member and Chairman, Organizing Committee, Schemcon made all necessary arrangements in respect of their visit. The Council appreciated the efforts of Prof Jha and his team for the excellent arrangements made by them.

b) The following have been selected to visit England during 26-31 October 2008. The programme includes visits to Foster Wheeler, Reading, Air

Products, Didcot, Huntsman, Teesside and Sabic, Teesside apart from participating in ChemEng 08.

- 1) Mohammed Aleemulla Shariff, L&T Ltd
- 2) Nayan Goswami, L&T Chiyoda Ltd
- 3) Rahul Shah, Student, DJ Sanghvi College of Engg, Mumbai

Dr S Ganeshan informed that he has approached ICC through Mr D P Misra and through Prof H Srihari of D J Sanghvi College of Engg, Mumbai, for funds for Mr Rahul Shah's international travel. Some Council members were of the opinion that the student himself could bear a part of the expenses.

After long deliberations, the Council decided that the total cost of his travel including pocket expenses should be met from the following sources:

- a) sponsorship being arranged by Dr Ganeshan
- b) funds from IChE to make up shortfall, if any.

During the deliberations, Prof V K Rattan suggested that in future candidates for exchange programme should be nominated by regional centres and selected by a Central Selection Committee. The expenditures of the selected candidates should be arranged by the respective Regional Centres.

It was also felt that a set of rules and preferably a special fund might be set up by the Council to continue with the programme.

MoU between Indian Institute of Chemical Engineers with Society of Chemical Engineers, Japan

The draft agreement, which had been made by Dr. Ganeshan on the lines of the earlier agreements with IChemE and AIChE was circulated. Dr. Ganeshan pointed out that the major difference was that there was no gradation of institutes in the MOU and all members of the IChE would be eligible for membership. One suggestion was to explore the possibility of life membership. The council approved the draft for further processing.

4.4 6th meeting for 2008, held at Chandigarh on December 26, 2008

IChE Diamond Jubilee Research Fund

The Council noted that the official recommendation of Dr Sukumar Devotta for the post of R&D Director by the four member committee comprising Dr Ganeshan, Mr K Venkatramanan, Mr D P Mishra and Prof G D Yadav has not yet been received.

Publication

Professor S S Bandyopadhyay, Honorary Editor, IChE, briefed the Council Members present about the minutes of the three meetings of the Publication Committee and the final recommendations of the Publication Committee regarding the acceptance of the revised draft of the new MoA between IChE and M/s Anamaya Publishers for the publication of ICE. On careful examination of the final revised draft of the MoA, the Publication Committee recommended that the final draft of the agreement placed at the Council Meeting might be approved by the Council so that the agreement could be effective from 1st January 2009,

the President, IChE, and all other members were unanimous in approving the agreement.

The members further noted that M/s Anamaya Publishers had been accomplishing the publication work of ICE since October 2006 with commendable competence, and it was appropriate to approve the fresh agreement for publication of ICE by M/s Anamaya for 3 years from 1st January 2009. Towards the end of the meeting M/s Anamaya Publishers' representative, Mr Manish Sejwal, who was present at the CHEMCON venue at Chandigarh, was requested to join the meeting to clarify some points raised by some Council Members regarding e-access of ICE. After discussion on this point, it was decided that the modus operandi of e-access of ICE would be decided later on reviewing the co-publishing activities with M/s Taylor & Francis, as per the new agreement. The President and all other members also proposed that the new agreement be formally signed by the appropriate signatories on both sides, IChE and M/s Anamaya Publishers, as soon as possible, so that the new agreement could be implemented beginning 1st January 2009.

The Council approved the same.

CHEMCON-2007

The Council noted that the Honorary Secretary had sent a letter to the Calcutta Regional Centre with a request to contribute the exact amount to HQ from the surplus generated in Chemcon 2007. A letter has been received from Dr Asim Kumar De, Honorary Regional Secretary, Calcutta Regional Centre on 11th December, 2008 stating that the matter has been placed in the Executive Committee of the Calcutta Regional Centre, IChE and the decision taken by the EC will be communicated to the Honorary Secretary as early as possible.

CHEMCON-2008

As per guide lines of CHEMCON the Local Organizing Committee should submit a report on the Conference within a month to the Council and the audited statement of accounts certified by the Chairman and the Secretary of the Local Organizing Committee should be submitted by 31st March. It may also be noted that the report should include (based on the recommendations of the Chairpersons of Technical Sessions) the names of the authors of the Best Technical Papers presented in each Technical Session of CHEMCON.

Prof V K Rattan briefed the Council about CHEMCON-2008. He also welcomed the guests. The necessary action as stated above would be taken after the CHEMCON.

CHEMCON-2009

The following information was received from Prof Ch V R Murthy, Honorary Regional Secretary, Waltair Regional Centre and Council Member:
National Advisory Committee: Prof Beela Satyanarayana, V.C., Andhra University
Chairman, NOC: Prof G D Yadav
Organizing Secretary: Prof Ch V R Murthy
Prof Ch V R Murthy informed that Golden Jubilee Celebration of IChE, Waltair Regional Centre and Platinum Jubilee Celebrations of the Department of

Chemical Engineering, Andhra University, Waltair would be organized along with CHEMCON 2009. The Council noted the same.

SCHEMCON-2008

The Council noted that report and audited statement of account for Schemcon 2008 have been received at IChE Headquarters from Dr M K Jha, Chairman Schemcon 2008. The members appreciated the excellent work done by the Organizing Committee.

SCHEMCON-2009

Prof V K Srivastava reported that he had been to IIT-Roorkee and he strongly recommended the Student Chapter of IIT-Roorkee for organization of SCHEMCON-2009. The Honorary Secretary was requested to inform the Student Coordinator accordingly.

Pay Scale Revision

The Council accepted the proposal of Mr Sushil Kumar and decided that whatever has been proposed by Mr Sushil Kumar may be implemented from 1st January 2009. Dr Ganeshan congratulated Mr Sushil Kumar for his effort.

Membership

The Council approved the names of Prof R C Sobti, Mr Swapan Bhowmik and Mr Vikram Swarup for admission to Honorary Fellowship of the Institute.

Organisational Members

The Council approved the admission of Standards certification Council Private Limited, Mumbai as Organisational Member of the Institute.

Examination

Prof V K Srivastava reported that he is in touch with the IGNOU authorities and the matter will be resolved soon.

Website

The Council noted that IChE website has taken a new look. Mr Dipankar Chakrabarti, Convener of the Website Committee, was instrumental in doing so. The Council appreciated the effort made by Mr Chakrabarti to revamp the site.

Committee

Dr S Ganeshan, President, IChE, has proposed to form a new committee called "Water Committee". The Council approved the proposal of Dr Ganeshan.

4.5 1st meeting for 2008 held at Chandigarh on December 29, 2008

Election of President

Mr Sushil Kumar was elected as the President of the Institute for the year 2009.

Election of Vice Presidents

Prof V K Srivastava and Prof Ch V R Murthy were elected as the Vice-Presidents of the Institute for the year 2009.

Election of Other Office Bearers

The Council elected Prof Basab Chaudhuri as the Honorary Secretary, Mr N M Surana as the Honorary Joint Secretary, Mr B R Saha as the Honorary Treasurer, Dr Anil Kumar Saroha as the Honorary Editor, Dr T Viruthagiri as the Honorary Controller of Examinations, Dr M K Jha as Honorary Registrar, for the year 2009.

4.6 2nd Meeting for 2009 held in Kolkata on February 21, 2008

IChE Note Book

A small note book was published by IChE and Inaugurated by Mr Sushil Kumar, President, IChE. The Council congratulated the Staff of IChE HQ for designing the same and publishing it.

Resignation of Membership of the Council

Mr K Venkataramanan, Past President, IChE, has sent an email to Mr Sushil Kumar, President, IChE, requesting to relive him from the Council with immediate effect because he is unable to spare adequate time to attend Council Meetings as he is overstretched with various overseas initiatives and continuing additional pressure with the growth of business considering the current economic scenario. However, he has informed that he will always be available for special support from time to time.

The Council, with great regret, accepted the resignation of Mr K Venkataramanan. The Honorary Secretary expressed that Mr Venkataramanan has been our source of strength. However, the Council requested the Honorary Secretary to write to him acknowledging Council's decision about the acceptance of his resignation.

Promotion of employees which was lying pending

The Council decided that the following employees be given time bound promotion as per Service Rule:

- (i) Mr S K Roy, Junior Assistant, will be promoted from Regular Grade to Selection Grade w.e.f. November 2008.
- (ii) Mr Kartick C Mandal, Attendant, will be promoted to "Junior Assistant", w.e.f. December 2008.

Approval of B.E. (Fire Technology)

An email has been received from Prof Basava Rao on February 2, 2009, wherein he stated that after going thorough the syllabus of Bachelor of Engineering (Fire Technology) from Rajiv Gandhi Proudhyogiki Vkschwavidyalaya, he and his examination committee has come to a decision that the candidates who pursued B.E. (Fire Technology) can also be permitted to appear for AMIChE examination with the exemption of the following papers:

1. Mechanical Engineering
2. Electrical Engineering & Electronics
3. Engineering Drawing

The Council approved the same with the note that Dr T Viruthagiri, Controller of Examinations, 2009, would review the syllabus of the Fire Technology and decide whether the candidate would be given exemptions from Physics, Chemistry and Mathematics also in addition to the above.

Publication

Dr Saroha pointed out that the present price (Rs. 500/-) of our journal is too little which needs to be raised a little bit. After a long deliberation, the Council decided to enhance the price from Rs. 500/- to Rs.1500/- per year keeping the subsidized subscription of the Member unaltered.

The Council accepted the proposal of Mr Sushil Kumar and decided to publish Newsletter at a regular interval. The Council also requested the Honorary Treasurer, Mr B R Saha, to look into the financial liabilities of publishing the Newsletter and submit a report in the next Council Meeting.

Administrative

Enhancement of Traveling expenses of the Council Members

The Council has decided to enhance the traveling expenses of the Council Members for attending the Council Meetings from Rs.17,500/- to Rs.20,000/- and the traveling expenses of the President and Honorary Secretary be proportionately raised from Rs.22,500/- to Rs.25,000/- with effect from 1st January 2009.

Membership

Dr S Ganeshan, Immediate Past President, has redrafted the Honorary Fellowship and Fellowship certificates. The Council appreciated the effort made by Dr Ganeshan and approved the same.

Financial

The Council approved the Budget estimate for the year 2009-2010 as prepared by Mr B R Saha, Honorary Treasurer and requested him to accommodate Rs.20,000/- p.a. to publish the IChE-Newsletter.

Regional Centre Affairs

The Council approved opening of Student Chapter at Birla Institute of Technology & Science, Pilani, Goa Campus, Zuarinagar – 403 726, under IChE HQ (as there is not Regional Centre).

The Council approved opening of Student Chapter at National Institute of Technology, Calicut, under IChE HQ (as there is not Regional Centre).

Other Items

IChemE-IChE Programme of Cooperation

Dr Ganeshan informed that MRC had decided to fund for one/two young Engineers who would be the winner of their OYCE Award, to attend in the Exchange programme if Council permits. The Council approved the same and opined that all other strong Regional Centres are to be requested to nominate at least one student and to fund for him. The number of students will be two or three (2 or 3) maximum.

The Council decided that after creating a special fund the other/weaker Regional Centres would be asked to nominate students from the Student Chapters under their regions for participation in IChemE-IChE Programme for which the selection process would be decided by the Council.

CHEMTECH Programme

Dr S Ganeshan, Immediate Past President, desired to have a stall at CHEMTECH Programme by Mumbai Regional Centre. Dr Ganeshan informed that the total estimated expenditure would be around Rs 70,000/- and he requested Mr Sushil Kumar to share with HQ. Mr Sushil Kumar, President, IChE, offered to fund Rs.25,000/- towards HQ's share to the total expenses and wished that MRC should submit its accounts after completion of the event. The Council decided to pay Rs.25,000/- towards HQ's share to the total expenses at CHEMTECH Programme after obtaining accounts (duly audited) from MRC.

Dr R B Roy Choudhury Memorial Lecture

Mrs Namita Roy Choudhury, wife of Late Dr R B Roy Choudhury, through her email dated 7th February 2009 addressed to Dr S Ganeshan, Immediate Past President, requested; that the money which was donated to IChE-Mumbai Regional Centre to organize a Lecture in memory of her late husband; to return the same as MRC could not arrange the Memorial Lecture on 29th January 2009 (the date of Dr R B Roy Choudhury's death anniversary). The Council decided to return that money to Mrs Namita Roy Choudhury and requested Dr Ganeshan to settle the matter from Mumbai itself.

5.0 Institute's Representatives on Various Bodies

1) Bureau of Indian Standards

- a. Chemical Engineering Plants & Related Equipment Sectional Committee
Principal Nominee - Mr G V Sethuraman
Alternate Nominee – Mr A K Saxena
- b. Chemical Division Council
Principal Nominee - Prof S K Sharma
Alternate Nominee - Dr S Mukherjee
- c. Basic Chemical Engineering Standards
Principal Nominee - Prof K D P Nigam
Alternate Nominee - Dr R N Trivedi
- d. Process Vessels Sub-committee
Principal Nominee - Dr P G Rao
Alternate Nominee - Prof B K Guha
- e. Heat Generation & Heat Transfer Equipment Sub committee
Principal Nominee - Prof K J R Sarma
Alternate Nominee - Dr V K Srivastava
- f. Crushing & Grinding Equipment Sub-committee
Principal Nominee - Prof N Subrahmanyam
- g. Size Separation & Filtration Sub-committee
Principal Nominee - Mr Sunil Kapadia
Alternate Nominee - Prof S Basu
- h. Drying Equipment Sub-committee
Principal Nominee - Mr Jai Uppal
Alternate Nominee - Dr M K Bhattacharjee
- i. Packing & Gasket Sectional Committee
Principal Nominee - Dr Amalendu Datta
- j. Refrigeration & Airconditioning Sectional Committee
Principal Nominee – Dr D Sathiamoorthy
Alternate Nominee - Dr Sudip K Das

- 2) **Asia Pacific Confederation of Chemical Engineering** - Prof G J V J Raju
 3) **Engineering Council of India** - Mr D P Misra and Prof V K Srivastava
 4) **World Council of Chemical Engineering** - Mr K Venkataramanan
 5) **Technical Advisory Board – Chemical Science & Technology, CSIR** - Prof A K Mitra

6.0 Membership Position

The number of applications received for membership during the period under review (April 1, 2008 to March 31, 2009) was 2,245. Of this 2,229 were approved by the Council, all of whom were admitted.

Membership position as on 31 March 2009 is given below along with the corresponding figures as on March 31, 2008 and March 31, 2007:

	March 31, 2009	March 31, 2008	March 31, 2007
Organisational Member (Life)	52	52	52
Organisational Member (Annual)	55	54	53
Honorary Fellow	122	119	118
Fellow (Life)	100	101	98
Fellow	41	41	41
Member (Life)	3947	3843	3740
Member	1567	1516	1508
Life Associate Member	1485	1392	1279
Associate Member	2652	2636	2601
Student Member	7759	5792	4671

The number of members attached to each of the Regional Centres (as on March 31, 2009) are as follows:

Sl. No	Regional Centre	No. of Members
1.	Ahmedabad	260
2.	Ankleshwar	646
3.	Annamalai	130
4.	Bangalore	502
5.	Baroda	585
6.	Bhubaneswar	118
7.	Calcutta	1238
8.	Chandigarh	300
9.	Chennai	1464
10.	Coimbatore	438
11.	Damanjodi	79
12.	Doaba	60
13.	Guwahati	281
14.	Hyderabad	1762
15.	Kalpakkam	106
16.	Kanpur	87
17.	Kharagpur	90
18.	Kochi	630
19.	Lote	199
20.	Mangalore	267
21.	Mumbai	1880
22.	Nadiad	201
23.	Nagpur	142
24.	Northern	787
25.	Pondicherry	55

26.	Pune	319
27.	Rourkela	77
28.	Trivandrum	251
29.	Vapi	131
30.	Waltair	861

The following organizations were admitted as organizational members of the Institute upto March 31, 2009:

Permanent Organisational Members – Industry

- Alkyl Amines Ltd.
- Artemis Biotech Ltd., Mumbai
- Asian Paints Ltd., Mumbai
- Avon Organics Ltd., Hyderabad
- Bentley Systems India Pvt Ltd., Mumbai
- Birla Cellulosic, Bharuch
- Blast Carboblocks Pvt Ltd., Navi Mumbai
- Deepak Fertilisers & Petrochemicals Corporation Ltd., Pune
- Development Organization for Sustainable Transformation, Chandigarh
- Dr Reddy's Laboratories Ltd., Hyderabad
- Excel Industries Ltd., Mumbai
- Firechem, Faridabad
- Golden Chemicals (I) Ltd., Mumbai
- Gujarat Alkalies & Chemicals Ltd., Baroda
- Haldor Topsoe International A/S, New Delhi
- Heavy Water Board, Mumbai
- Hercules Speciality Chemicals (India) Pvt. Ltd., Bangalore
- Herdillia Chemicals Ltd., Mumbai
- Hetero Drugs Ltd., Hyderabad
- Hikal Ltd., Taloja, Maharashtra
- Hindustan Dorr-Oliver Ltd., Mumbai
- Hindustan Latex Ltd., Thiruvananthapuram
- Indian Oil Corprn Ltd., Refinery Divn, New Delhi
- Jacobs H&G Pvt. Ltd., Mumbai
- Kavaerner Powergas India Ltd., Mumbai
- Labindia Instruments Pvt. Ltd., Thane
- Llyod's Register of Shipping, New Delhi
- Mecon Ltd., Ranchi
- National Organic Chemicals Industries Ltd., Mumbai
- Oil and Natural Gas Corporation Ltd., Dehradun
- Pidilite Industries Ltd., Mumbai
- RPG Life Sciences Ltd., Mumbai
- Sartorius India Pvt. Ltd., Bangalore
- Standard Certification Council Pvt. Ltd., Mumbai
- Sud-Chemie Inda Ltd. (United Catalyst India Ltd.), Mumbai
- Themis Medicare Ltd., Mumbai
- Toyo Engineering India Ltd., Mumbai
- TUV Sud South Asia Pvt. Ltd., New Delhi
- United Phosphorus Ltd., Ankleshwar, Gujarat
- Vical Inc., USA

Permanent Organisational Members – Research & Educational Institutes

- Central Leather Research Institute, Chennai
- Central Salt & Marine Chemicals Research Institute, Bhavnagar
- Chaitanya Bharathi Institute of Technology, Hyderabad
- Heritage Institute of Technology, Kolkata
- High Energy Material Research Laboratory, Pune
- Indira Gandhi Centre for Atomic Research, Kalpakkam, Tamil Nadu

- 7) Indian Institute of Chemical Technology, Hyderabad
- 8) Regional Research Laboratory, Jorhat
- 9) National Chemical Laboratory, Pune
- 10) Sathyabhama Engineering College, Chennai
- 11) St. Joseph's College of Engineering, Chennai
- 12) Sri Venkateswara College of Engineering, Sriperumbudur, Tamil Nadu
- 13) Swami Ramananda Tirtha Institute, Nalgonda
- 14) Vikram Sarabhai Space Centre, Thiruvananthapuram

Ordinary Organisational Members – Industry

- 1 Andhra Sugar Ltd., Tanuku
- 2 Aventis Pharma Ltd., Bharuch
- 3 Bharat Aluminium Co. Ktd., Korba
- 4 Bharat Petroleum Corporation Ltd., Mumbai
- 5 Bharuch Enviro Infrastructure Ltd., Ankleshwar
- 6 Birla VXL Ltd., Porbandar (Saurashtra Chemicals Ltd.)
- 7 Chemfab Alkalies Ltd., Pondicherry
- 8 Cheminova India Ltd., Bharuch
- 9 Chemplat Saanmar Ltd., Chennai
- 10 Coromandel Fertilizers Ltd., Secunderabad
- 11 DCW Ltd., Dharanghra, Gujarat
- 12 Deepak Nitrite Ltd., Nandesari Gujarat
- 13 Diamines & Chemicals Ltd., Baroda
- 14 Engineers India Ltd., New Delhi
- 15 Fertilizers and Chemicals Travancore Ltd. (FACT), Udyogmandal
- 16 Garg Lab Glass Industries, Vapi, Gujarat
- 17 Gas Authority of India Ltd., New Delhi
- 18 Gujarat Ambuja Cements Ltd., Kodinar
- 19 Gujarat Heavy Chemicals Ltd., Veraval
- 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 Heubach Colour Pvt. Ltd., Ankleshwar
- 26 Hindustan Antibiotics Ltd., Pune
- 27 Hindustan Insecticides Ltd., New Delhi
- 28 Hindustan Organic Chemicals Ltd., Rasayani, Maharashtra
- 29 Hindustan Paper Corporation Ltd., Calcutta
- 30 Indian Petrochemical Corporation Ltd., Baroda
- 31 Indian Rayon Ltd., Veraval, Gujarat
- 32 Mafatlal Industries, (Navine Flourine Industries – Chemical Division, Mumbai
- 33 Narmada Chematur Petrochemicals Ltd., Varuch
- 34 Nuchem Ltd., Faridabad
- 35 Nuclear Fuel Complex, Hyderabad
- 36 Saurashtra Cement Ltd., Gujarat
- 37 Sayantan Consultants Pvt. Ltd., Calcutta
- 38 Search Chem Industries Ltd., Jhagadia
- 39 Shriram Alkali & Chemicals, Bharuch
- 40 Shriram Fertilizers & Chemicals, New Delhi
- 41 Southern Petrochemical Industries Corp. Ltd., Chennai
- 42 Sun Pharmaceutical, Panoli
- 43 Surya Organics and Chemicals, Ankleshwar
- 44 Standard Industries Ltd., Mumbai
- 45 TCP Ltd., Chennai
- 46 Tata Chemicals Ltd., Mithapur
- 47 Textile Rubber & Chemical Co Pvt Ltd, Bhadohi
- 48 Trident Alco-Chem Ltd., Ludhiana
- 49 Vihita Chem Pvt. Ltd., Aankleshwar
- 50 Zuari Agro Chemicals Ltd., Zuarinagar, Goa
- 51 Zandu Chemicals Ltd., Ankleshwar

Ordinary Organisational Members – Research & Educational Institutes

- 1 Dalmia Institute of Scientific & Industrial Research, Rajganpur, Orissa
- 2 S M Engineering Institute, Kymore
- 3 St. Peter's Engineering College, Chennai

7.0 Associated Membership Examination

The number of candidates who appeared at the Institute's Associate Membership Examination during last ten years was as follows:

Year	No. of Candidates
1998	2708
1999	2605
2000	2751
2001	2521
2002	2423
2003	1935
2004	1935
2005	1762
2006	1676
2007	1529
2008	1749

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

Year	Semester	No. Appeared	No. Passed	% of successful candidates
1998	March	24	21	87.5
	September	28	24	85.7
1999	March	23	21	91.3
	September	19	16	84.2
2000	March	43	39	90.6
	September	30	30	100.0
2001	March	54	49	90.7
	September	35	26	74.2
2002	March	46	37	80.4
	September	51	41	80.4
2003	March	41	33	80.4
	September	74	69	93.2
2004	March	29	27	93.1
	September	49	44	89.7
2005	March	41	39	95.1
	September	30	28	93.3
2006	March	27	21	77.8
	September	60	58	96.7
2007	March	33	30	90.9
	September	38	34	89.5
2008	March	35	33	94.3
	September	39	36	92.3

8.0 IICHe Awards 2008

Following is the list of IICHe Awards and their recipients for 2008. The awards were presented at CHEMCON 2008, held during December 27 – 30, 2008 at Chandigarh, in recognition of eminence and excellence in various sphere of chemical engineering profession:

- **Dr B P Godrej Life Time Achievement Award for Serving the Profession of Chemical Engineering Technology and Industry**
Dr Rajinder Kumar, Professor Emeritus, IISc, Bangalore
- **Herdillia Award for Excellence in Basic Research in Chemical Engineering**
Prof Sunando DasGupta, Dept of Chemical Engineering, IIT-Kharagpur
- **ICI India Ltd. Award for Excellence in Process or Product Development**
Mr S R Lohokare, Managing Director, National Peroxide Ltd., Thane
- **Amar-Dye-Chem Award for Excellence in Research and Development for Chemical Engineers below the Age of 35 Years**
Dr Preeti Aghalayam, Assistant Professor, Dept of Chemical Engineering, IIT-Bombay
- **Chemical Weekly's Padmashri Dr G P Kane Chemcon Distinguished Speaker Award**
Professor Dr Eng Tomoya Tsuji, College of Industrial Technology, Nihon University
- **Hetero Drugs Prof G S Laddha Chemcon Distinguished Speaker Award**
Professor Bala Subramaniam, Dan F Servey Distinguished Professor, DC&PE, University of Kansas
- **IICT-Avon Padmashri Dr G S Sidhu Chemcon Distinguished Speaker Award**
Mr Rajiv Gautam, Vice President & Chief Technology Officer, Specialty Materials, Honeywell International Inc.
- **Alkyl Amins Padma Bhushan Prof B D Tilak Chemcon Distinguished Speaker Award**
Dr M O Garg, Director, Indian Institute of Petroleum, Dehradun
- **Deepak Group's Padma Bhushan Prof L K Doraiswamy Chemcon Distinguished Speaker Award**
Prof S K Sharma, Chem Engg Dept, Panjab University, Chandigarh
- **Betzdearborn Padma Vibhushan Prof C N R Rao Medal and Chemcon Distinguished Speaker Award**
Professor Arvind Varma, R Games Slayter Distinguished Professor and Head, School of Chemical Engineering, Purdue University
- **RPG Life Science Prof M M Sharma Medal and Chemcon Distinguished Speaker Award**
Prof A B Pandit, Chem Engg Dept, IIT-Bombay
- **Asian Paints Padma Bibhushan Dr R A Mashelkar Medal and Chemcon Distinguished Speaker Award**
Dr Ramesh Ramachandran, President & CEO, Dow Chemical International Pvt. Ltd.
- **Satorius India's Chemcon Distinguished Speaker Award**
Prof Arvind Lali, UICT, Mumbai
- **United Phosphorus Chemcon Distinguished Speaker Award**
Dr R V Jasra, Head, Reliance Technology Group, Vadodara
- **Hikal's Chemcon Distinguished Speaker Award**
Mr D P Misra, Former DG, ICC and Former President, IICHe
- **CSMCRI Chemcon Distinguished Speaker Award**
Professor Katsumi Tochigi, Dept of Materials & Applied Chemistry, Nihon University
- **CLRI Dr Y Nayudamma Chemcon Distinguished Speaker Award**
Prof Muthanna Al-Dahhan, CREL, Dept of Energy, Environmental and Chemical Engineering, Washington University in St. Louis
- **DOST Professor S K Sharma Medal and Chemcon Distinguished Speaker Award**
Professor Hugh Hillhouse, Associate Professor, School of Chemical Engineering, Purdue University
- **CHEMCON NEERI Distinguished Speaker Award**
Dr Rajiv Kumar, Head, Green Chemistry and Catalysis Innovation Center, Tata Chemicals Ltd.
- **Shah-Schulman Award 'for the best Ph.D. thesis in the area of Colloid and Interface Science'**
Dr Rabibrata Mukherjee, Scientist, CG&CRI, Kolkata
- **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)**
Mr Riju Mohan Singhal, IIT, Kanpur
- **Chemical Weekly Award for the Best Paper Published in the Institute's Journal (ICE-2007) And IChE NRC Award Best Paper in "Indian Chemical Engineer" 2007**
Mr Saibal Ganguly, Ms Ruchi Agarwal and Mr Durga Prasad of Dept of Chemical Engineering, IIT-Kharagpur
- **The Kuloor Memorial Award to the best technical paper published in the journal of the Institute in the issues of the preceding year And IChE NRC Award 2nd Best Paper in "Indian Chemical Engineer" 2007**
Mr Subhankar Manna, Scientific Officer-D, UMP, UED, S-Site, BARC
Dr (Smt) S B Roy, Head, UED, UMP, UED, S-Site, BARC
Mr Sujit Chowdhury, Scientific Officer – F, UMP, UED, S-Site, BARC
Mr Santosh Kumar Satpati, Scientific Officer – F, UMP, UED, S-Site, BARC
- **Sisir Kumar Mitra Memorial Award for the Second Best Technical Paper published in the Institute's Journal "ICE" in its issues for 2007 and IChE-NRC Award 3rd Best paper in "ICE" 2007**
Mr A K Basu, Ms Runu Chakraborty, Mr Utpal Touchudhuri and Mr Parimal Chatopadhyay of Dept of Food Technology and Biochemical Engineering, Jadavpur University
- **M H Shukla Prize for the Best Technical Paper presented in the 60th Annual Session (CHEMCON-2007)**
1st Prize
Ms Farida Easmin, Ms Susmita Dutta, Prof P Ray of Dept of Chemical Engineering, CU, and Ms Ratna Paul, Dept of Chemical Engineering, Heritage Institute of Technology, Kolkata
2nd Prize
Mr Mainak Majumder & Mr Bruce J Hinds
Dept of Chemical & Materials Engineering, University of Kentucky
- **Chinnamul Memorial Prize for the Best Technical Paper presented in the 60th Annual Session (CHEMCON-2007)**
Mr C Ramakrishna, Mr Raj Kumar, Mr P R Char, Mr R K Mishra, Mr R N Ramachandran and Mr H P S Anand of IPCL, Baroda
- **Late Lakshmi Nandakumar Award for a Lady Student for the Best Presentation in the SCHEMCON of the year**

Ms Fathima Jalal, Final Year Student, Dept of Chemical Engineering, Sri Venkateswara College of Engineering

- **Gouri Dutta Award for the Best Paper presentation in SCHEMCON of the year**
Mr Mayur Gupta and Mr Anuvrat Gupta, Dept of Chemical Engineering, NIT, Jalandhar
- **Ambuja's Young Researcher's Awards for doing Post-Graduate Studies in India after GATE Examination**
Mr C Jayageeth, Mr Simadri Acharya and Mr Balakrushna Sahu, UICT, Mumbai
- **Ambuja's Best Student Chapter Award**
1st Prize
Ms A C Vijayalakshmi, Coordinator, IChE Student Chapter, Dept of Chemical Engineering Sri Venkateshwara College of Engineering
2nd Prize
Mr T Bala Narsaiah, Coordinator, IChE Student Chapter, Dept of Chemical Engineering, JNTU College of Engineering, Anantapur
- **Pidilite Industries Best Student Chapter Award**
Dr P Ravichandran, Coordinator, IChE Student Chapter, Dept of Chemical Engineering, St Joseph's College of Engineering, Chennai
- **Prof P Sen Gupta Best Employee Award**
Mr Sukanta Kr Roy, Junior Assistant, IChE
- **Best Regional Centre under Category "A"**
Ankleshwar Regional Centre (Category 'A')
- **Best Regional Centre under Category "B"**
Kochi Regional Centre (Category 'B' 1st)
- **Second Best Regional Centre Category "B"**
Pune Regional Centre (Category 'B' 2nd)

Following is the list of IChE awards (2008) for students, presented at the fourth Students' Chemical Engineering Congress (SCHEMCON), held at NIT, Jalandhar during 26-27 September 2008:

- **The Pankaj P Patel Trust Essay Competition – for the best essay (on topic decided by the Council of the Institute) by final year students of the first degree courses in Chemical Engineering**
Mr Huzefa Fazal Dhinda, 3rd Year Student of Chemical Engineering, Dept of Chem Engg M S Ramaiah Institute of Technology, Bangalore
- **Acharya P C Ray Award for the best and the second best Project Report on Plant Design**
1st Prize: Mr Valbhav Tidke, UICT, Mumbai
2nd Prize: Mr Mayank Shekhar, UICT, Mumbai
- **Ambuja's Best Home Paper or Design Project Report Awards for an Undergraduate Chemical Engineering Student**
1st Prize: Mr Reetam Chakrabarti, UICT, Mumbai
2nd Prize: Mr Darshan S Mehta, UICT, Mumbai
3rd Prize: Mr Saurabh R Chaudhari, UICT, Mumbai
- **Kishore Krishna Das Memorial Prize to the examinee who secured highest marks in the Home Paper Examination of the Associate Membership Examination of the Institute which is recognized by the Ministry of Education, Govt. of India, equivalent to a first degree in Chemical Engineering**
September 2007: Mr Kaushal K Gupta, DAE, Kalpakkam
March 2008: Mr Biplob Das, DAE, Kalpakkam
- **Prof D K Guha Award for the Most outstanding AMIChE candidate securing Highest percentage of marks in Associate Membership Examination (AMIChE) amongst candidates, who had registered during the last Four Years**
Mr M Mukunthan, DAE, Kalpakkam

- **N R Nandi Memorial Prize for securing highest marks in Associate Membership Examination**

Mr M Mukunthan, DAE, Kalpakkam

- **VICAL Award for Best Students Paper Presentations in Chemcon**

1st Prize: Mr G Shakthivel Murugan, Mr M Shyam Anand, Mr V Venkatesh, DCE, Adhiparasthi Engg College, Melmaruvathur

2nd Prize: Ms Aparna L, Ms Akila Soorianarayanan, DBT, PSG College of Tech, Coimbatore

3rd Prize: Ms S Desika, Ms B Dharshini Dhanalakshmi, CECRI, Kariakudi

9.0 Research and Development

The following R&D projects of the Institute are now in progress:

- 1) Removal of carbon dioxide, a green house gas, by waste egg shell membrane.
- 2) Color removal from effluent streams.
- 3) Adsorptive Phenol Removal in Fixed Bed Continuous Column.

10.0 Students' CHEMCON

The 4th Students' Chemical Engineering Congress (SCHEMCON) 2008 was held at the Department of Chemical Engineering, Dr B R Ambedkar National Institute of Technology, Jalandhar, during September 26-27, 2008. The theme of SCHEMCON 2008 was 'Present and Future Trends in Process Industry'. The programme was jointly organized by IChE-Doaba Regional Centre and Department of Chemical Engineering, Dr B R Ambedkar National Institute of Technology, Jalandhar-144011.

Dr S Ganeshan, President, IChE and General Manager, Project Operations, Toyo Engineering India Limited, Mumbai, inaugurated the congress by lighting the lamp and released a souvenir to commemorate the occasion. He also released the CD containing the proceedings of SCHEMCON- 2008. Professor Moin Uddin Director NIT Jalandhar and Patron of the SCHEMCON- 2008 presided over the function. Dr S Ganeshan, President, IChE, was the Chief Guest and delivered the inaugural address. Prof V K Rattan, Chairman, Department of Chemical Engineering and Technology, Panjab University, Chandigarh and Vice President IChE, Dr V V Basava Rao, Professor, Department of Chemical Engineering, Osmania University, Hyderabad and Controller of Examinations IChE, Mr P K Sexena Director/CEO Blast Carblocks Pvt. Ltd., Vice – Chairman – IChE MRC and Chairman Students Affair Committee IChE., Prof V K Srivastava Ex. Dean IRD IIT New Delhi, Director General ABES Institute of Technology Ghaziabad and Member National Executive Council IChE, Dr M K Jha Professor and Head Department of Chemical Engineering, Chairman IChE Doaba Regional Centre and Chairman SCHEMCON-2008, Dr Ajay Bansal Assistant Professor Department of Chemical Engineering and organizing Secretary SCHEMCON-2008 and Mr Kumrah Solei, Chief Student Convener, welcomed the gathering. Dr Apurba Dey, Assistant Professor, Department of Chemical Engineering and Organizing Secretary SCHEMCON-2008 delivered formal vote of thanks. About 300 technical papers were received for presentation in the congress out of which 180 were selected. A total of 140 papers were registered and accommodated in 40 oral and 1 poster sessions. About 309 student delegates from 32

engineering colleges all over India participated in the SCHEMCON-2008. Nine plenary lectures by eminent persons from reputed industries and institutes were arranged. A Panel discussion on "Carrier Opportunities" for Chemical Engineering Graduates was held in the afternoon of the 2nd day of the Congress after the completion of the Technical Sessions. The panel was chaired by Dr S Ganeshan, President, IChE, and General Manager Project Operations Toyo Engineering India Limited, Mumbai.

Indian Institute of Chemical Engineers (IChE) signed an agreement of cooperation and recognition with the Institution of Chemical Engineers (IChemE), UK last year to exchange delegation during SCHEMCON in India and Chemical Engineering Congress (Chemeng) at UK. Under this agreement 5 foreign delegates one student from UK Ms. Alexandra Mattern, Student, University of Manchester UK, one Student From Malaysia Ms Soo Mee Khuan Student, University of Putra, Malaysia one Student from Australia Mr. Benjamin James Drew, Student, University of New South Wales and two Young Professional from UK Mr. Daniel Philip Purvis, NTL Development Manager, Sabic UK Petrochemicals and Mr Alan Pearson, Process Engineer, Huntsman Polyurethanes also participated in this Congress.

11.0 Institute's Library

To enrich the stock of books and on the strength of the recommendation of the Library Committee, the Council decided to purchase some books as per requirement.

12.0 Highlights of Regional Centre Activities

12.1 Annamalai-Neyveli Regional Centre

Committee:

Chairman: Dr T Viruthagiri, **Vice-Chairman:** Mr K Sivasankaran, **Honorary Regional Secretary:** Dr R Dhanasekar, **Honorary Joint Regional Secretary:** Mr R Saravanan, **Honorary Regional Treasurer:** Dr R Muthuvelayutham, **Members:** Dr T Karunanidhi, Dr C Karthikeyan, Dr V Vijayagopal, Dr Rm Meyappan, Dr N Rajomohan, Dr P Nagarajan, Dr M Rajasimman, Mr R Aravindan

Activities:

a) Technical Lectures on:

- 1) 'Research Methodology' by Dr T Karunanithi, Professor of Chem Engg, AU, on 15.10.2008.
- 2) 'Separation Processes in Pharmaceutical Industry' by Dr M Thenmozhi, Reader in Chem Engg, AU, on 27.02.2009.
- 3) 'Food for Human Consumption' by Mr K Thirumavalavan, Sr Lecturer of Chem Engg, AU, on 05.03.2009.
- 4) 'Biomethanation of Pharmaceutical Waste Water' by Dr P Mullai, Reader in Chem Engg, AU, on 01.04.2009.

b) Student Programme:

- 1) Student's paper presentation seminar in ChEs 2008 & SymbIO-2008 were organized during April 2008.

- 2) Lectures from advanced topics were delivered by the faculties for the final year B.E. and Post Graduate students.
- 3) Coaching classes (GATE, GRE, TOFEL) were conducted for the prefinal and final year students.
- 4) Placement training classes were conducted for the final year students in order to equip the students for the Group Discussion and interview.
- 5) Organised inplant training for the Chemical Engineering students (Illrd Year) during their vacation (Asian Paints, Cuddalore and IPCL, Chennai).
- 6) Sponsored on Technical Session in the two-day National Workshop on "Recent Trends in the Application of Chemical Engineering in Food Process Technology" during March 20 & 21, 2009.

12.2 Ankleshwar Regional Centre

Committee:

Chairman : Mr Sushil Kumar, **Immediate Past Chairman:** Mr G K Parikh, **Vice-Chairmen:** Mr R T Bhargava, Mr S K Kothari, Mr U S Ambegaonkar, Mr B D Deshmukh, **Honorary Regional Secretary:** Mr C S Babu, **Executive Secretary:** Mr Nitin Patel, **Honorary Regional Joint Secretaries, Paloni:** Mr S Tralsawala, **Bharuch:** Mr R R Khandpur, **Ankleshwar:** N B Saraiya, **Jhagadiya:** Mr K D Dhande, **Honorary Regional Treasurer:** Mr M I Shamsi, **Members:** Mr M A Hania, Mr S I Thakar, Mr A K Sahni, Mr K H Pandit, Mr R S Senjalila, Mr T A Shah, Mr P K Purohit, Mr V K Nema, Mr B D Dalwadi, Mr P P Dudhe, Mr P S Roy, Mr A P Dave, Mr Jigar S Gurjar, Mr A K Shah, Mr N N Thawani, Mr Mehul Makadiya, Mr Rajesh Kumar, Mr S I Chaturvedi, Mr D M Modi, Mr B D Shah.

Activities:

- a) One day National Programme on "Cooling Tower Meet" was organized at GNFC Corporate Auditorium on 27.06.2008.
- b) A morning talk was jointly organised with BDMA on "New Frontiers of Chemical Industry" by Mr K Venkataramanan on 02.08.2008 at GNFC Corporate Auditorium.
- c) Two day National Seminar on "Chlorine Safety" was organized in association with Alkali Manufacturers Association of India, on 05-06/11.2008 at Learning Centre, RIL, Dahej.
- d) An evening workshop on Global Financial Meltdown-Lessons & Opportunities" organized jointly with BDMA on 02.01.2009.
- e) Felicitation of winner of "Best Chemical Engineer/Technologist Award-2008" was organized at SVMIT Engineering College, Bharuch, on 25.02.2009.

Joint evening talks:

1. In association with M/s. GMM-Pfudler on "Advanced Industrial Mixing Systems" was organized on 29.07.2008.
2. In association with M/s. Armec Group, Pune, on "Fanless Finless Energy Saving Cooling Tower" was organised on 29.08.2008.
3. In association with Forbes Marshall Ltd. on "Management of Steam Systems for Process Industries", on 18.09.2008.
4. In association with Bharuch District Management Association, on "Energy Conservation through LiBr & AARP" on 30.09.3008.

5. In association with BDMA, on "Restriction evaluation analyses of chemicals (REACH)", on 03.10.2008.
6. In association with M/s. Larox Corporation, on "Optimization of filtration: effect to energy saving in drying" on 23.10.2008.
7. In association with M/s. Sulzer-Chemtech on "Recent Trends in Mass Transfer Technology" at Hotel Shalimar, Ankleshwar, on 03.03.2009.
8. In association with GNFC and BDMA on "Universal Engineer" by Prof G D Yadav, on 29.04.2009.
9. In association with M/s. Hydrodyne (I) Pvt. Ltd. on "Non-Seal Canned Motor Centrifugal Pumps – Basic Technology and Applications", at Hotel Shalimar, Ankleshwar.

12.3 Bangalore Regional Centre

Committee:

Chairman: Dr K S Rajanandam, **Vice-Chairman:** Prof G A Shareef, **Honorary Regional Secretary:** Mr Brijesh, **Honorary Joint Regional Secretary:** Mr P T Raghuram, **Honorary Treasurer:** Mr V Venkatesham, **Members:** Dr Y J Rao, Mr P L Muralidhara, Mr K A Badarinarayana, Mr K R Ananth, Mr G K Madhadevaraju, Mr G Vijay Kumar, Mr B R Veena, Mr A R Prakash, Mr M Raghuram

Activities:

Seminar:

- a) A one-day Seminar on 'Energy Production and Conservation – Latest Trends', was organized on November 7, 2008 at M S Ramaiah Institute of Technology (MSRIT). Eminent speakers from industry and academia gave presentation. After the presentation a Panel Discussion was held in which suggestions to energy usage and conservation were proposed.
- b) A one-day Seminar on 'Piping and Pipeline Design', was organized on March 31, 2009 at Dayananda Sagar College of Engineering (DSCE). The participants were from various institutes and industries.

Award

Best Project Award function for the final year UG students was organized at MSRIT on May 27, 2009. Five colleges from Bangalore Regiona participated in the contest. The first prize was awarded to MSRIT and second prize to DSCE.

Get Together:

A picnic was organized for the members and their families on August 24, 2008 to Shivasamudram and talked. 24 members participated and enjoyed the one-day trip.

12.4 Baroda Regional Centre

Committee:

Chairman: Mr D M Butala, **Vice-Chairmen:** Dr A B Halgeri, Dr R Sengupta, **Honorary Regional Secretary:** Mr S Sridhar, **Honorary Joint Regional Secretary:** Mr R K Desai, **Honorary Treasurer:** Mr N

M Surana, **Members:** Mr A K Dasgupta, Mr M R Padh, Prof N Subrahmanyam, Mr B S Mehta

Activities:

Seminar/Conference:

- a) One day national seminar on the topic "Compressors & turbines", on May 23, 2009.

Technical Lecture:

- a) On 'Oration in Chemical Engineering' on September 12, 2008. Prof G D Yadav, UICT, Mumbai, gave a lecture on "Wonders of Nano Technology", on that day.

12.5 Calcutta Regional Centre

Committee:

Chairman: Mr Bibhuti Ranjan Saha, **Vice-Chairman:** Mr Shyamal K Ghosh, **Honorary Regional Secretary:** Dr Asim K De, **Honorary Regional Joint Secretary:** Dr Asit Baran Biswas, **Honorary Regional Treasurer:** Dr Amitava Bandyopadhyay, **Members:** Prof P Sen Gupta, Prof B N Srimani, Mr Kalyan Kumar Das, Mr S B Das, Mr Indrajit Mookerjee, Prof Chitta Ranjan Lahiri, Prof B N Chakrabarty, Mr Amal K Mitra, Dr Ujjaini Sarkar

Activities:

- a) Birthday Celebration of Dr H L Roy

The 119th Birth Anniversary of Dr H L Roy, the founder President of the IICChE, was celebrated on 2nd November 2008. As the 2nd November 2008 was Sunday, on 1st November 2008 a special arrangement was made to bring together the dignitaries and the staffs of the IICChE for discussing about the life and contributions of Dr Roy in making the IICChE a vibrant organization and an all India forum for the Chemical Engineering Professionals. Three most distinguished and senior members of the IICChE family, Prof D K Guha, formerly Head, Dept of Chemical Engineering and Principal (Actg), NIT, Durgapur and Prof R N Mukherjee, former Head, Department of Chemical Engineering, Jadavpur University, were felicitated on this day. Dr Mohit Roy, and eminent Environmental Technologist delivered a lecture on "Environmental myths: Scientific Approach to Environmental Issues".

- b) **Workshop/Technical Lecturer on:**

- 1) 'Environmental myths: Scientific Approach to Environmental Issues' by Dr Mohit Roy, on November 1, 2008, at Dr H L Roy Auditorium.
- 2) 'Hazardous Waste (Management, Handling and Transboundary Movement) Rules - 2008' delivered by experts from WBPCB, CPCB and CII, on April 17 & 18, 2009 at the Auditorium of Dr H L Roy Building.

- c) **Student's programme:**

- 1) A Quiz Contest amongst Final Year Undergraduate Chemical Engineering Students from the Institutions in Eastern India held on February 21, 2009.

d) Annual get together

Annual get-together of the members of Calcutta Regional Centre, IICChE, was organized on February 8, 2009. The programme was a "one-day" excursion to Sarisa, at South 24 Parganas district. All the participants enjoyed the day.

12.6 Chennai Regional Centre

Committee:

Chairman: Mr R Narasimhan, **Vice-Chairman:** Dr M Velan, **Honorary Regional Secretary:** Mr B V Ramabrahmam, **Honorary Regional Joint Secretary:** Dr T Renganathan, **Honorary Regional Treasurer:** Mr S S Bose, **Members:** Prof C D Gopalathnam, Dr N Padmanabhan, Mr T Gopinath, Mr P Aravamudhan, Mr G Krishnan, Mr T V Rajagopalan

Activities:

- 1) Organised get-together-cum-dinner meet (contributory) on 05.07.2008 at the Anna University Alumni Club, Chennai for its members and their families.
- 2) Organised Dr M A Govinda Rau Memorial Lecture on 23.10.2008 at Raman Auditorium, A C College of Technology, Anna University, Chennai. The lecture was delivered by Dr P G Rao, Director, North East Institute of Science and Technology, Jorhat, Assam and former President of IICChE.
- 3) Organised a presentation by contact Singapore – A Singapore Government Organization based in Chennai on 'working and living in Singapore' (both for business and employment opportunities) on 14.11.2008 at A C College of Technology, Anna University.
- 4) Organised Dr B Jagannadhaswamy Memorial lecture on 12.02.2009 at Raman Auditorium, A C College of Technology. The lecture was delivered by Dr C M lakshmanan, Former Professor of Chem Engg & Director, A C College of Technology on 'Technical Education in India – Quality Issues and Remedial Measures'.

12.7 Doaba Regional Centre

Committee:

Chairman: Dr M K Jha, **Honorary Regional Secretary:** Dr A K Jana

Activities:

a) Technical Lecture:

- 1) On 'Safety Practices in Hydrocarbon Industry' by Dr T S Charvethia, Deputy General Manager, Bharat Petroleum Corporation Ltd., Mumbai on 20.10.2008.
- 2) On 'Pilot Scale GMP Complaint Herbal Drug Extraction and Formulation' by Dr V K Kaul, Head, Chemical Engineering & Design Division, Indian Institute of Integrated Medicine (Formerly Regional Research Laboratory) Jammu Tawi on 18.11.2008.

- 3) On 'Biotechnology – Can it be a sustainable Technology?' by Dr Gopal Mugeraya, Professor and Head, Department of Chemical Engineering, National Institute of Technology, Karnataka, Surathkal on 10.02.2009.
- 4) On 'Process Plant Safety and Inherent Safer Designs' by Dr J P Gupta, Director, Rajiv Gandhi Institute of Petroleum Technology, Kanpur on 16.02.2009.
- 5) On 'Biofuel Production: Technology Trends' by Dr Rakesh Sarin, Deputy General Manager, Indian Oil Corporation Ltd. (R&D Centre), Faridabad on 16.03.2009.
- 6) On 'Refinery and Petrochemicals' by Mr S Bhatnagar, Chief Manager – Business Development (Petrochemical Projects). Indian Oil Corporation Ltd, New Delhi on 19.03.2009.

12.8 Guwahati Regional Centre

Committee:

Chairman: Prof A K Ghoshal, **Vice Chairman:** Mr L K Saikia, **Honorary Regional Secretary:** Dr Anil Verma, **Honorary Regional Joint Secretaries:** Dr C Das, Mr T J Sharma, **Honorary Regional Treasurer:** Dr Pallab Ghosh, **Member:** Prof R Choudhury, Dr M K Purkait, Dr G Pughazhenth, Dr R G Uppaluri, Dr B P Mandal

Activities:

a) Invited Lectures/Workshop:

- 1) On 'Managerial Competency in Organisations' by Prof R Dwivedi, IIM, Shillong, on May 13, 2009, at Dept of Chemical Engineering, IIT, Guwahati.
- 2) A three-day workshop on 'Public Speaking and Fluency in English', conducted by Prof. Anthony Thomas, during 14.11 - 16.11. 2008.

b) Award :

IICChE Guwahati Regional Centre has decided to give a Best Post-graduate Thesis Award every year to the eligible students belonging to any University/Institute/College which falls under IICChE-Guwahati Regional Centre. The award will carry a citation and a cash prize (as deemed appropriate by the GBM each year). The Award has been conferred to Mr Simadri Acharya, M.Tech Student (2006-2008) of Dept of Chem Engg, IIT-Guwahati.

c) Industrial Visit:

A plant visit to Silver Drop Food & Beverages Pvt Ltd., Amingaon, Guwahati was organized on 31.5.2009.

12.9 Hyderabad Regional Centre

Committee:

Chairman: Mr G V Chalapathi Rao, **Vice-Chairman:** Mr P Ramji and Prof Shyam Sunder, **Honorary Regional Secretary:** Prof Ch Sailu, **Honorary Regional Joint Secretary:** Mr M Mishra, **Honorary Regional Treasurer:** Mr C P Ramulu, **Members:** Mr M Ranga Rao, Mr A

Bhasker Reddy, Mr B R K Kumar, Prof S V Satyanarayana, Mr Laxamn Suri, Mr N L N Reddy, Mr V Sridharan, Dr V Ramesh Kumar, Prof R Sreedhar Rao, Dr Mallikarjun Reddy; **Invitees:** Prof S Venkateshwar, Sri G V Sethuraman, , Dr V V Basava Rao, Prof S S Sridharan

Activities:

a) **Endowment Lecture:**

M P Chary Endowment Memorial Lecture on "Exciting Chemical Engineering Opportunities in Multidisciplinary Domains" was delivered by Dr K V Raghavan, INAE Distinguished Professor, Former Director-IICT, Hyderabad on June 19, 2009 at Technology Auditorium, UCT, OU.

b) **Technical Lectures on:**

- 1) "Success Factors in Career" by Mr Dileep Thatte, President, Chemsource Inc, USA, at Seminar Hall, UCT, OU on January 22, 2009.
- 2) "Nano Technology a tool for innovation in composites, coatings and solar cells" by Dr Ramanuj Narayan, Scientist, organic coatings and polymers division, IICT, Hyderabad, at Seminar Hall, UCT, OU, on January 30, 2009.
- 3) "Biotechnology – Nano applications" by Dr Chandrashekar, Scientist, IICT, Hyderabad, at Seminar Hall, UCT, OU, on March 30, 2009.
- 4) Organised a talk on "Chemical Engineering Education" by Prof P Ravindra of Sabha University, Malaysia.
- 5) Organised a talk on "Advances in Bio-Technology" by Dr M Hanuman Dutt, Director, GE, on January 6, 2009.

c) **Felicitations:**

Prof S S Sridharan, who has contributed his valuable time and constructive thoughts for developing chemical engineering professionals from UCT, OU and who has served at a various levels in HRC and IChE Headquarters, was felicitated on June 19, 2009.

d) **Student Chapters Activities:**

- 1) At JNTU, Ananthapur
Fusion-2008 was conducted on September 12, 2008.
- 2) At OUCT, OU, Hyderabad
"Ramanathan Memorial Essay Writing Competition"
"Elocution Competition"
"Padmasri B V Raju Memorial Technical Quiz Competition"
All the above annual events were conducted during June 24 & 25, 2009.

12.10 Kalpakkam Regional Centre:

Committee:

Chairman: Mr R Natarajan, **Honorary Regional Secretary:** Mr Shekhar Kumar; **Members:** Mr Amitava Roy, Mr C Anand Babu, C Mallika, Mr K V Suresh Kumar, Mr M Venkataramanan, Mr P K Sinha, Mr P R Vasudeva Rao, Mr P V Kumar, Mr Rajnish Kumar, Mr S B Koganti, Mr T G Srinivasan, Mr U Kamachi Mudali, Mr V Sundararaman, Mr V Vijayakumar

Activities:

KRC jointly with IGCAR, Kalpakkam, Organised a National Seminar on Solvent Extraction on June 23-24, 2009 at IGCAR, Kalpakkam. The seminar was sponsored by Board of Research in Nuclear Science, DAE

12.11 Kharagpur Regional Centre:

Committee:

Chairman: Prof G Kundu, **Vice-Chairman:** Prof D D Kar, **Honorary Regional Secretary:** Prof Sudorshan Neogi, **Honorary Regional Joint Secretary:** Mr J N Sahoo, **Honorary Regional Treasurer:** Prof (Mrs) S Sengupta

Activities:

KRC contributed Rs.10,000/- for the CHEMINSIGHT 2009 organised by the UG students of the Department of Chemical Engineering, IIT, Kharagpur.

a) **Technical Lectures by:**

- 1) Prof B K Dutta, University of Petronas, Malaysia on July 2, 2008.
- 2) Prof Arun Basu, Gas Technology Institute, Chicago, USA, on January 12, 2009.
- 3) Mr Prabir Guha, General Manager, CSP Plastics, Michigan, USA, on January 7, 2009.

b) **Get-together**

- 1) Local get-together was arranged at Hotel Tamrolipto, Kharagpur, on August 23, 2008.
- 2) Outstation get-together was arranged at Shankarpur, Midnapore, W.B., on January 10, 2009.

12.12 Kochi Regional Centre

Committee:

Chairman: Mr R Venugopal, **Vice Chairmen:** Mr Jacob Chacko, Mr Mohan S Menon, **Honorary Regional Secretary:** Mr Babu Jose, **Honorary Regional Joint Secretary:** Mr M Sajan, **Honorary Regional Treasurer:** Mr K F Sajo, **Members:** Dr K E George, Dr G madhu, Mr G Sivaprakash, Mr S Sudarshan Kumar, Mr C V Rajkumar, Mr Jacobkutty P G, Mr P K Suresh Kumar, Mr V Venkatesan, Mr M K Augustine, Mr Abdul Shakoore, Mr N Chandrasekhar, Mr Manoj P L, Mr I Sasi, Mr Saji Babu, Mrs. B Laxmikutty Amma

Activities:

Inauguration of activities of Kochi Regional Centre for the year 2008-09 was done at Philips Foyer Convention

Centre, Hotel Presidency, Paramara Road, Ernakulam on 2nd August 2008 at 6:30 p.m. It was inaugurated by Mr Minu Mathew, GM (Tech) of BPCL-KRL. "IChE and Inspiration" a powerpoint presentation and lecture made by Dr N Sankaran, Professor & HOD, Bannari Ammal Institute of Technology, Erode, was presented by Mr Chacko M Jose, in his absence.

Website Launch of KRC

Website of Kochi Regional Centre, www.iichechochin.org was launched by Mr C R Surendranathan, Dy Chief Controller of Explosives, Kerala, on August 2, 2008, at Philips Foyer Convention Centre, Hotel Presidency, Paramara Road, Ernakulam.

a) Technical Lectures on:

- 1) 'Single Buoy Mooring (SBM) at Chochin Coast' by Mr Rajiv C, Manager (Pr Engg), BPCL-KRL and Mr Vinod Karunanadhi, manager (Oil Movement), BPCL-KRL on July 22, 2008 at Conference Hall, Regional Sports Centre, Rajiv Gandhi Indoor Stadium, Kadavanthra, Cochin.
- 2) 'Green Construction Techniques using load bearing Gypsum Panels' by Mr Jayachandran K, EA(T), to FMA, FACT, on September 22, 2008 at Conference Hall, Productivity House, Kerala State Productivity Centre, Kalamassery.
- 3) 'Plastics and Environment' by Dr K E George, Professor, Dept of Polymer Engineering, Cochin University of Science & Technology, on October 31, 2008 at Conference Hall, Productivity House, Kerala State Productivity Centre, Kalamassery.
- 4) 'Total Productive Management' by Mr V Vijayan, Chief Engineer, TCC-Travancore Chemicals Company Ltd., on December 1, 2008 at Conference Hall, Productivity House, Kerala State Productivity Centre, Kalamassery.
- 5) 'Energy Concerns and a brief of IChE Mumbai Centre' by Mr K Sahasranaman, GM, Uhde, on February 24, 2009 Conference Hall, Productivity House, Kerala State Productivity Centre, Kalamassery.

b) Conference/Workshop on:

ChEM-2009 – "Clean Air, Clean Water & Green Earth" – a two-day conference of the chemical engineers of Kerala on environmental themes was arranged at Transit House Conference Centre, BPCL,-KRL, in association with Trivandrum Regional Centre, IChE Student Chapters of Govt Engg College, Trichur, GEC, Calicut, and NIT Calicut.

A two-day National Workshop on "Safe Storage and Display of Fireworks" PYROTECH-2008 was arranged at Lulu Internation Convention Centre, Ayyanthole, Trichur on September 26 & 27, 2008.

c) Seminar on:

"Clean Kerala Green Kerala", a one-day seminar on "Innovative Waste management Options for Kerala" for IChE members and municipal engineers of Kerala State was organized on May

23, 2009 at FACT Udyogmandal Club. Following seven technical papers were presented on:

- 1) 'Hospital Waste Management' by Dr Sanjeev Singh, Amrita Institute of Medical Science & Research Centre, Edapally, Kochi.
- 2) 'Municipal Waste Management Problems & Prospects' by Dr G Babu, FACT and Mr K Jayachandran, FACT.
- 3) 'Management of Butchery and Food Waste' by Mr U Chandrahasan, J&J Biotech, Aluva, Ernakulam.
- 4) 'Recycling and Utilization of Waste Plastics' by Dr K E George, CUSAT.
- 5) 'Brick a solution for Solid Waste Management' by Mr Krishnan Nair, KMML, Chavara, Kollam.
- 6) 'Elephant Dung Utilization and Septic Tank Waste Management' by Mr U Chandrahasan, J&J Bio-Tech, Aluva, Ernakulam.
- 7) 'Bio-Fertilizers' by Mr C M Karuthapandy, FACT, R&D.

d) Quiz:

A chemical engineering quiz for chemical engineering students from colleges in Kerala was conducted at Jwalagiri, Kochi.

e) An industrial visit to BPCL-KRL refinery was arranged for IChE Members on June 6, 2009.

f) Activities for Student Chapters

- 1) Student Chapter of IChE Govt Engineering College, Trichur, was inaugurated on August 14, 2008 at Department Seminar Hall.
- 2) Merit award (cash of Rs.1000/-) and memento was presented to Miss Remya K, the previous year topper of the chemical engineering in GEC, Trichur.
- 3) Student Chapter at NIT, Calicut, was inaugurated on October 10, 2008 at Chanakya Hall, NIT, Calicut.
- 4) A lecture programme on "Industrial Design and New Methods" by Mr Koya Venkata Reddy, Senior Manager – Design, Fact Engineering & Design Organisation, Cochin on March 26, 2009, at GEC, Calicut.

12.13 Lote Parasuram Regional Centre

Committee:

Chairman: Mr S K Gandhi, **Vice-Chairman:** Mr P V Sutar, **Honorary Regional Secretary:** Mr S S Patil, **Honorary Regional Treasurer:** Mr V V Dhage, **Members:** Mr S D Parthe, Mr T D Desai, Mr V B Baliga

Activities:

a) Seminar on:

- 1) "Plate & Tube Heat Exchangers in August 2008.
- 2) "Heat Transfer" on 20.09.2008 in coordination with IChE Mumbai Regional Centre.
- 3) "Safety Rules & Legislation" on 06.03.2008.

b) Sent two members to attend CHEMCON-2008 at Chandigarh

c) Family get together was arranged by PRC Members on 24.12.2008.

d) Sent Members to Chemtech Exhibition at Mumbai.

- e) Visit was organized at Ghardha Institute of Technology

12.14 Mumbai Regional Centre

Committee:

Chairman: Dr H Shrihari, **Vice-Chairman:** Mr P K Saxena, **Honorary Regional Secretary:** Mr Jayesh Master, **Honorary Regional Joint Secretary:** Dr Parag Gogte, **Honorary Regional Treasurer:** Mr V Y Sane, **Member:** Dr S Ganeshan, Dr B Chakravorty, Mr P D Samudra, Mr K Sahasranaman, Mr V K Srivastava, Mr M P Jain, Mr Rajesh Jain, Mr Sharad Vengsarkar, Dr S S Bhagwat, Mr Lalit Vashishtha, Mr D C Parakh; **Invitees:** Mr T L Prasad, Dr A K Saxena, Mr K Venkataramanan

Activities:

a) Technical Lectures on:

- 1) 'Indian petroleum Refining Industry' by Mr O P Goyal, on September 25, 2008, at ICT, Matunga, Mumbai.
 - 2) 'The design of Nanoscale Therapeutics and Nano Structured Materials' by Dr Ravi Kane, RPI, USA, on December 11, 2008, at ICT, Matunga, Mumbai.
 - 3) 'Multiple Development of Multiple Unit-Fluid Processes using Critical Fluids' by Prof Jerry W King, Dept of Chem Engg, Bell Engineering Centre, University of Arkansas, USA, on December 20, 2008, at ICT, Matunga, Mumbai.
 - 4) 'Process Systems Engineering: From Solvay to the 21st Century. A History of Development, Successes and Prospects for the Future' by Mr George Stephanopoulos, Massachusetts Institute of Technology, USA, on February 3, 2009, at ICT, Matunga, Mumbai.
 - 5) 'Solar Energy' by Mr N G Ashar, on March 13, 2009, at NMIMS.
- b) Outstanding Young Chemical Engineers Award 2009 was held at D J Sangavi College of Engineering on April 18, 2009.

c) Seminar/Workshop on:

- 1) 'Aqua 2009' organized by IICHe-MRC on July 4-5, 2009 at Goa.
- 2) Workshop on 'Heat Transfer' was organized jointly by IICHe-Lote Chapter and MRC, on September 20, 2008.

d) Students Programmes:

- 1) 'ChEMERGENCE'08' was organized on the October 4 & 5, 2008 by Thadomal Sahani Engineering College.
- 2) 'Investiture Ceremony' was conducted on October 1, 2008 by IICHe Student Chapter at Datta Meghe College of Engineering, Airoli, Navi Mumbai.

e) Factory Visit was organized to:

RCF, Thal Unit, on February 21, 2009, for MRC members.

f) CHEMTECH 2009

IICHe-MRC had participated in CHEMTECH Exhibition during February 12-16, 2009, at Mumbai, with a view to promote membership of the Institute.

g) Office Space of MRC

MRC has purchased an Office Space in the Ground Floor block at Vardhaman Complex, LBS Marg, Vikhroli (West) on October 22, 2008.

12.15 Nagpur Regional Centre:

Committee:

Chairman: Dr G K Ghoshal, **Vice-Chairman:** Dr T Chakraborty, **Honorary Regional Secretary:** Dr A N Vaidya, **Honorary Joint Regional Secretary:** Dr Y C Bhattacharyalu, **Honorary Regional Treasurer:** Dr S K Goyel, **Members:** Dr J Mohite, Dr S D Dawande, Dr D C Anjkar, Dr S N Gulhane, Dr T C Parmar, Dr S M Tamhane, Dr R B Biniwale

Activities:

a) Seminar:

HAZCHEM-09 on 'Hazards and Hazardous Waste Management in Chemical Industries', jointly organized by IICHe Nagpur Regional Centre with IICHe-NRC & NEERI, was held on April 2, 2009 at NEERI, Nagpur.

b) Technical Lectures on:

- 1) 'Strategy for Hazardous Waste Management in India' by Dr T Chakrabarti, Acting Director, NEERI.
- 2) 'Identification of hazardous wastes, their recyclable potential and suitable methods for their disposal' by Mr M P Patil, NEERI.
- 3) 'Remediation of mercury contaminated site in India' by Dr A N Vaidya, NEERI.
- 4) 'Hazard Management in chemical industry and petroleum refinery' by Dr G K Ghosal, Retd. HOD, LIT, Nagpur.
- 5) 'Unintentionally produced persistent organic pollutants in and around Hazardous Waste Treatment Storage & Disposal Facilities' by Dr S M Tamhane, NEERI.
- 6) 'Role of first respondent, fire service to toxic and hazardous waste emissions' by Er Shamim, Director, National Fire Service College, Nagpur.

12.16 Nadiad Regional Centre

Committee:

Chairman : Dr P A Joshi, **Honorary Regional Secretary :** Mr A P Dhanwani

Activities:

a) Technical Lecture:

- 1) On 'Multi-Component Distillation' by Prof H R Shah, former HoD, Nirma University, on 20.09.2008.

- 2) On 'Nanoscience and Nanotechnology', Dr Chintan Jani, Australia, on 16.12.2008.

Trust, Petroleum Federation of India, IIT-Delhi, Honeywell Automation India Ltd. and IOCL..

b) Symposiums:

- 1) On 'Micelle Formation in Gemini Surfactants' conducted by Dr Sandeep R Patil, Ireland on 29.01.2009.
- 2) On 'Encapsulaion for Targeted Drug', conducted by Mr Sunil Shah on 04.02.2009.
- 3) On 'Preparation, Characterization and Applications of Nanoparticles', conducted by Mr Angshuman Pal, MSU on 05.02.2009.
- 4) On 'Sulphur Based Nano-semiconductors' conducted by Dr Sanjeev Kumar, IIT Roorkee on 10.02.2009.
- 5) On 'Nanoclays', conducted by Dr Hasmukh Patel, CSMCRI on 16.02.2009.

c) Industrial Visit:

- 1) A trip was was organized to the unit of Shree Hans Alloys Ltd., GIDC, Dholka on 15.09.2008.
- 2) A trip was was organized to the unit of Nirma Ltd., Savli, Baroda on 06.02.2009.

12.17 Northern Regional Centre

Committee:

Chairman: Mr Shyam Bang, **Vice-Chairman:** Dr Anand Mukherjee, **Honorary Regional Secretary:** Prof S Basu, **Honorary Regional Jt Secretary:** Mr Ajay Sharma, **Honorary Regional Treasurer:** Dr A K Saroha, **Members:** Prof S S Sambhi, Prof V K Srivastava, Mr Rajiv Narang, Mr Jai Uppal, Dr S N Chakravarty, Mr Ashish Gupta, Dr K K Pant, **Co-opted:** Mr K K Shrivastava, Mrs Sampada Bajaj Chawla

Activities :

a) Lectures:

- 1) 15th Lovraj Kumar Memorial Lecture on 'Ethics and Democratic Society' was delivered by Mr Soli J Sorabjee, Former Attorney General of India, on 29.8. 2009. This lecture was jointly organized by NRC and Lovraj Kumar Memorial Trust.
- 2) On 'Carbon Capture Strategies – The Fluor Experience' and 'Integrating Indian Engineers into Multinational Culture' by Mr Kumar Jain, Director of Process Technology, Fluor Daniel India Ltd., and on 'Shell Energy Scenarios' by Dr Shailaja D Sharma, Business Development Manager, Shell India Pvt Ltd., on 20.12.2009 on the occasion of NRC Foundation Day.

b) Seminars:

- 1) On 'Combating Green House Gases in Industrial Plants & Process Industries' on 17 and 18.10.2008.
- 2) On 'Advanced Elastomeric Materials and Technologies & Electron Beam Treatment System' on 18.04.2009.
- 3) On 'Simulation and Modeling in Process Industries' (Refineries & Petrochemicals Focus) during 9–13.6. 2009 in with collaboration with Lovraj Kumar Memorial

c) Panel Discussion:

On 'Hydrogen Energy – Status & Issues', participated by Mr J M Ohi, US Department of Energy, Hydrogen Energy Safety Codes and Standards Specialist, and, Mr Thomas Joseph, CEO, Bethlehem Energy, USA on 29.08.2009.

d) Workshop:

On 'Petroleum Refining – Redefining Upstream & Downstream Integration' on 20 and 21.11.2008 in collaboration with Lovraj Kumar Memorial Trust.

e) Library Update:

New books worth Rs. 15,110/- were purchased for the library. Lovraj Kumar Memorial Trust donated books worth Rs. 6,851/- while NRC collected books worth Rs. 8,259/-.

f) Publications:

- 1) Proceedings of the 15th Lovraj Kumar Memorial Lecture on 'Ethics and Democratic Society'.
- 2) Proceedings of the 11th Annual Workshop 2008 on 'Petroleum Refining – Redefining Upstream & Downstream Integration'.

g) Scholarship:

IChE-NRC Golden Merit-cum-Means scholarship for Rs. 12,000/- each were given to 7 students pursuing degree courses in CRS, Murthal; IIT, Delhi; GGSIP University, Delhi; and AMU, Aligarh.

i) Industry Visit:

A plant visit was organized to Kajaria Ceramics, Bhiwandi, Rajasthan on 27.9.2009.

h) Get-togethers:

Two get-togethers were organized during 2008-2009 on the occasions of AGM on 6.9.2008 and Foundation Day Celebrations of NRC on 20. 12. 2008, respectively.

12.18 Pune Regional Centre:

Committee:

Chairman: Mr Narendra Gadre, **Vice-Chairman:** Mr M Talathi, **Honorary Regional Secretary:** Mr P M Deshpande, **Honorary Joint Regional Secretary:** Mr V M Bhandari, **Honorary Regional Treasurer:** Mr S H Vaidya, **Honorary Joint Treasurer:** Mr H S Pinge, **Members:** Mr J K Dattagupta, Mr M V Deshmane, Mr P M Deshpande, Mr H G Joglekar, Mr S T Kombade, Mr P S Kulkarni, Mr K K Lonkar, Mr P B Patil, Mr C V Rode, Mr S D panditrao, Mr S K Velankar, Mr P M Dhotey

Activities:

a) Lectures on:

'Functional Foods', by Mr narendra Gadre on January 19, 2009 at IE(I), Shivajinagar, Pune.
'Role of Professinoal Bodies in Education' by Mr Narendra Gadra, Dr S H Vaidya and Mr Sudhir

Panditrao on February 5, 2009 in the campus of Maharashtra Academy of Engineering, Alanandi.

'Nano Technology' by Mr M M Talati, Hon Vice President on December 22, 2008.

- b) Interaction with Anuradha College of Engineering (ACE)

Mr Narendra Gadre, Chairman, PRC and the Executive Committee Members of PRC had an interaction with the faculty and governing council of ACE. The discussions were on "Role of Chemical Engineer in Particular, "Prospects for Fresh Chemical Engineers in Face of Economic slowdown".

- c) Pune Regional Centre in association with Santechnomentors, Pune, organized a two-day on hand training programme on "Process Instrumentation" for outgoing chemical engineering students.
- d) PRC has launched its website in 2007. It is a self-developed website and can be continuously improved and upgraded.
- e) PRC was instrumental in the opening of a new student chapter of IChE at Pravara Rural Engineering College, Pravara. This student chapter is organizing various functions under the guidance and supervision of Pune Regional Centre.

12.19 Trivandrum Regional Centre

Committee:

Chairman: Mr B Velayudham, **Vice-Chairman:** Dr K B Radhakrishnan, **Honorary Regional Secretary:** Mr A M Nallaperumal, **Honorary Joint Regional Secretary:** Mrs V M Lekshmi, **Honorary Regional Treasurer:** Mr Sathish Kumar P S, **Members:** Mr Shaneeth M, Dr S N Jyothi, Mr Raghavan P, Mr S Venugopal, Mr Sampath, Mr Saravanan N, Mr Ratheesh, Mr Rajendraprasad, Mr S Alwan, Mr P Sojan

Activities:

- a) **Lectures on:**

- 1) 'Experiences with S-200 propellant casting facility' by Mr M C Dattan, Director, SDSC, SHAR, on August 12, 2008, at Hotel Residency, Trivandrum.
- 2) 'Global warming: CO₂ emission and its control' by Mr Ajith Haridas, TIIST, on December 13, 2008, at Hotel Maurya Rajadhani, Trivandrum.
- 3) 'Safety in pressure vessels and Hydrocarbon' by Mr C R Surendranathan, Dy Chief Controller of Explosives, Petroleum and Explosive Safety Organization, on February 14, 2009 at Hotel Horizon, Trivandrum.
- 4) 'National security concerns' by Mr A Hemachandran, IPS, Inspector General of Police, Southern Region, Kerala, on June 21, 2009 at Hotel Maurya Rajadhani, Trivandrum.

- b) **Chem-09:**

Trivandrum RC in association with Kochi RC conducted Kerala State Chemical Engineers Meeting 'Chem-09' at BPCL Refinery, Ernakulam,

during June 5-6, 2009. The theme of the conference is "Clean Air, Clean Water and Green Earth". Mr M C Dathan, Director, SDSC, SHAR and Mr S Ramachandra Panicker, Executive Director, HLL, received the Outstanding Chemical Engineers Award from Kochi RC during the conference.

- c) **IChE-CGG Panicker Gold Medal Award:**

The annual CGG Panicker Gold Medal Presentation function was organized on 10th May 2007. The Gold Medal Award was presented to the first rank holder in Chemical Engineering of Kerala University, Mr Anish P Jacob of TKM College of Engg, Kollam

- d) Mr K N Govindaraman, Mr N Srinivasan Dr P P Thomas and Mr John David, Senior Members, Trivandrum Regional Centre, were felicitated on their 60th birth year.
- e) One full day programme has been arranged by the TRC at TKM College of Engg, Kollam, which includes Group Discussion, Technical Talk, Technical quiz and mock up interview.
- f) The family get-together was organized at Hotel Maurya Rajadhani, Trivandrum, on June 21, 2009.

13.0 Beyond 2008-09

- a) **IChE Newsletter**

IChE is publishing its quarterly Newsletter from this year. The initiative of publishing the Newsletter was taken by Mr Sushil Kumar, President, IChE. Members are already getting the Newsletters.

- b) **Joint Student Membership Programme with IChemE**

IChE launched joint student membership with IChemE, UK, during SCHEMCON-2009 at IIT-Roorkee, on September 19, 2009. Under this programme, by paying a nominal fee, the students will enjoy a host of benefits being offered by IChemE that would be immensely useful for building a bright career.

Benefits for Student Members

- study tools to help with your degree
- access to news from your chosen profession (industry and academia)
- career readiness tools for starting employment

i. Download Student Handbook of equations that would be useful throughout the degree study and the Handbook on communication skills for engineers and scientists.

ii. Get online research assistance for finding relevant references by using Knovel library online, hosting over 500 science and engineering books. Also search the IChemE journal archive containing over 4,000 engineering research papers.

iii. Have access to the monthly online TCE magazine containing the latest technical articles, news from the worldwide profession and job advertisements from top employers.

- iv. Receive valuable career tips from experts and find about recommended employers from around the world.
- v. Receive regular e-news updates and events from IChE/IChemE

Upon graduation, you will be able to apply for upgraded Associate Membership of IChemE subject to current eligibility criteria.

Joint Student Membership fees

Description	2 year subscription (Rs)	4 year subscription (Rs)
Joint Membership (for those not yet in membership of IChE)	550/-	1050/-
Upgrade to Joint Membership (for those already in IChE membership)	300/-	600/-

For an introductory period and only for students currently in their fourth or final year of undergraduate study, they can pay for one year subscription.

If they are current members of IChE, one year upgrade to joint membership costs Rs 150, and Rs 300 for non-members of IChE.

Live Video Conference with IChemE, UK

A live video conference on 'Biotechnology' with IChemE, UK, was held on September 15, 2009, at the office of L&T, Mumbai, under the patronage of Mr K Venkataramanan, Past President, IChE, and with the kind initiative of Mr Sushil Kumar, President, IChE.

c) **IChE-AICHe Dual Membership**

IChE members (residents of India) can now become members of AICHe at a special rate. The eligible members have to download the Membership Application Form and send the form, duly filled in, to the IChE HQ by post. After verification, the application forms, duly stamped by IChE, will be scanned at the HQ office and the soft copy will be sent to the AICHe office in the USA.

AICHe will directly debit the membership fees against the concerned member's account. The members are, therefore, requested to provide the number of their credit cards in the form.

Special AICHe Membership fees:

For annual and student membership: US \$ 33/-

For life membership: US \$330/-

d) **Publication**

IChE and Anamaya Publishers had signed a Memorandum of Understanding (MoU) on January 1, 2009. The MoU was signed by the President, IChE, Mr Sushil Kumar and Mr Manish Sejwal, Proprietor, Anamaya Publishers. One important aspect of the agreement was on-line electronic networking of IChE Journal with international brand Taylor & Francis (www.informaworld.com). Members will have to access the journal on-line by a Login ID and Password. Anamaya Publishers is informing the members directly in this regard.

e) **Income Tax Exemption beyond March 31, 2008 by CBDT**

So far IChE has been enjoying Exemption from Income Tax. But since March 31, 2008 IChE is not getting exemption from CBDT u/s 35(1)(ii) of the Income Tax Act, 1961.

14.0 Acknowledgement

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

Prof Basab Chaudhuri
Honorary Secretary

Committees for the year 2009

Admission Committee	Dr M K Jha (Convener), Prof A K Mitra (Chairman), Prof V K Srivastava, Dr T K Radhakrishnan, Prof P V R Iyer
Publication Committee	Dr Anil K Saroha (Convener), Prof Sekhar Bhattacharjee (Chairman), Prof Suddhasatwa Basu, Prof Pinaki Bhattacharya, Prof S S Bandyopadhyay, Prof V K Rattan, Prof Basab Chaudhuri
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Awards/Judges Committee	Prof Basab Chaudhuri (Convener), Mr Sushil Kumar (Chairman), Prof G D Yadav, Prof S K Sharma, Prof V K Srivastava, Dr Rm Muthiah, Prof N Subrahmanyam
Building Committee	Prof Basab Chaudhuri (Convener), Prof B N Srimani (Chairman), Prof A K Mitra, Mr B R Saha, Mr A Bhasker Reddy, Dr K C Biswal, Prof P Sen Ghpta
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International Relations Committee	Prof G D Yadav (Convener), Mr K Venkataramanan (Chairman), Mr Sushil Kumar, Dr S Ganeshan, Prof N Subrahmanyam, Prof Ch V R Murthy
Library & Documentation Centre/Information Committee	Mr B R Saha (Convener), Mr P R Datta Ray (Chairman), Mr Smrajit Das, Mr D S Sastry, Md Habibulla, Prof A K Mitra
Student Chapter Affairs Committee	Prof V K Srivastava (Convener), Mr A K Saxena (Chairman), Prof P V R Iyer, Prof Y J Rao, Mr N M Surana, Mr Nitin Patel, Dr M K Jha
Honorary Fellowship Committee	Prof Basab Chaudhuri (Convener), Mr Sushil Kumar (Chairman), Mr K Venkataramanan, Prof V K Srivastava, Prof N Subrahmanyam, Prof G D Yadav
Chemcon Distinguished Committee	Prof Basab Chaudhuri (Convener), Mr Sushil Kumar (Chairman), Mr K Venkataramanan, Prof Ch V R Murthy, Prof G D Yadav, Chairman-NOC, Chairman-LOC
Legal Committee	Prof Basab Chaudhuri (Convener), Mr P R Datta Ray (Chairman), Mr D M Butala, Prof D N Ghosh, Prof A K Mitra, Mr Sandip Ghosh
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Chemcon Protocol Committee	Prof Ch V R Murthy (Convener), Prof C Ayyanna (Chairman), Prof P De, Mr C H S Prasad, Prof N Subrahmanyam, Mr P R Datta Ray, Mr A Bhasker Reddy
Industry Institute Interaction Committee	Mr D M Butala (Convener), Mr Sushil Kumar (Chairman), Md Habibulla, Prof V K Srivastava, Mr A K Saxena
Water Committee	Dr A Bandyopadhyay (Convener), Dr S Ganeshan (Chairman), Dr Sudip K Das, Mr N M Surana, Prof Sarajit Basu, Prof H Srihari, Mr A K Saxena

**List of Corporate Members present in
Sixty-First Annual General Meeting, IChE – 2008**

Sl. No.	Name	Membership No.	Sl. No.	Name	Membership No.
1	A B Biswas	LM-25933	32	N M Surana	LM-09108
2	A Bhasker Reddy	LM-12039	33	P R Datta Ray	LM-22551
3	A K Saroha	LM-27776	34	Rm Muthiah	LF-07358
4	Arun K Saxena	LF-10215	35	R S Mishra	LM-12527
5	Alok Gupta	LM-8999	36	Ritu Gupta	LM-17203
6	Amitava Bandyopadhyay	LM-9556	37	Sandip Ghosh	M-32074
7	Amit Sobti	LAM-31360	38	Sachin Kumar	LM-35050
8	A Mahapatra	LM-20164	39	Seema Kapoor	LM-27994
9	Anita Kumari	LM-13544	40	Senthal Tralsawala	LM-32905
10	Babu Jose	LM-10956	41	S Ganeshan	LM-9443
11	Bhaskar Basu	LM-33714	42	S K Das	LM-08450
12	B R Saha	LM-6423	43	S K Dash	LM-26938
13	Basab Chaudhuri	LM-10122	44	S K Sharma	LF-14889
14	Basudeb Barman	LM-01747	45	S S Bandyopadhyay	LM-08116
15	Ch V R Murthy	LM-5809	46	Sibdas Bandyopadhyay	LM-25005
16	C S Babu	LM-21014	47	S P Chaurasia	LM-8721
17	D K Sharma	LM-10835	48	Sisir Kr Chakraborty	LM-4222
18	D P Misra	LF-07256	49	Smarajit Das	LM-2066
19	S Prakash	LM-18575	50	Sushil Kumar	LM-8309
20	D M Butala	LM-03368	51	Susanta Kr Gangopadhyay	LF-584
21	G A Shareef	LM-9110	52	Tanmay Basak	LM-29735
22	G D Yadav	LF-6738	53	Tapan Kr Ghosh	LM-26891
23	H Shrihari	LM-17765	54	T L Prasad	LM-9599
24	J N Master	LM-16882	55	T Viruthagiri	LM-9495
25	Kailash Singh	LM-27065	56	Venu Gopal R	LM-10700
26	K C Biswal	LF-06512	57	V K Kaul	LM-09734
27	K Sahasranaman	LM-08411	58	V K Rattan	LM-4433
28	M K Jha	LM-09764	59	V K Srivastava	LM-9483
29	N Subrahmanyam	LF-3220	60	V R C Murthy	LM-17457
30	Nitin Patel	AM-08772	61	Y Jagannadha Rao	LM-3379
31	N K Brahma	LM-10671			