

Annual Report 2007-08



Indian Institute of Chemical Engineers

List of Council Members for 2007 & 2008

2007	Designation	2008
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	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@mtlnl.net.in
Prof S Venkateshwar, Principal, University College of Technology, Osmania University, Hyderabad – 500 007, [O] (040) 2709-6190 (Direct), 2709-8901, 2768-2391/2291, Ext.243, [R] (040) 2773-1096/1062, [Mobile] 98496 40986 svenkateshwar@rediffmail.com	Immediate Past President	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
Mr G V Sethuraman, Director, Enfab Industries Pvt. Ltd., Plot No.138A, IDA, Mallapur, Hyderabad – 500 076, Andhra Pradesh, [O] (040) 27150393 / 27175202, [R] (040) 2733-4321/5363, [M] 9849028854 enfab@sify.com		Prof V K Rattan, Dept of Chemical Engineering, Panjab University, Chandigarh – 160 014, [O] (0172) 534919, [R] 771498, [M] 9815334198, vkrattanpu@yahoo.com
Mr Kalyan Kumar Basu, 183 Jodhpur Park, Kolkata 700068 [R] (033) 6456-0028, Mobile: 9903946587, kbasu2004@yahoo.co.in	Vice Presidents	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
Dr Sudip K Das, Chemical Engineering Department, University of Calcutta, 92 A P C Ray Road, Kolkata – 700 009, [O] (033) 2350-8386, [R] (033) 2566-7650, sudipcuce@hotmail.com	Honorary Secretary	Dr Basab Chaudhury, 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 N M Surana, Chemical Engineering Department, Faculty of Technology & Engineering, M S University of Baroda, Baroda 390 001, [O] (0265) 2433824, [R] (0265) 2794258, nmsurana@yahoo.com	Honorary Joint Secretary	Mr T L Prasad, Room No.310, DEED Complex, BARC, Trombay, Mumbai 400 085, [O] (022) 25591029, [R] (022) 2556-4402, [M] 9324605780, 9869879214, tlp@magnum.barc.ernet.in
Mr Smarajit Das, K-467 New Alipur, Kolkata 700 053, [R] (033) 2400-0771 smarajitd@hotmail.com	Honorary Treasurer	Mr Smarajit Das, K-467 New Alipur, Kolkata 700 053, [R] (033) 2400-0771 smarajitd@hotmail.com
Dr Suddhasatwa Basu, Associate Professor, Department of Chemical Engineering, Indian Institute of Technology, Delhi, Hauz Khas, New Delhi - 110 016, [O] (011) 2659-1035, [R] (011) 2658-1113, 2659-1526, [M] 9811503704, drsbasu@gmail.com	Honorary Editor	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, ssbandy@hijii.iitkgp.ernet.in, syamalendub@yahoo.co.in
Prof V K Rattan, Dept of Chemical Engineering, Panjab University, Chandigarh – 160 014, [O] (0172) 534919, [R] 771498, [M] 9815334198, vkrattanpu@yahoo.com	Controller of Examinations	Prof V V Basava Rao, 2-2-3/B/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
Prof P V R Iyer, C/o. Mr S Ganesh, 27-7 th West Cross Street, Shenoy Nagar, Chennai – 600 030, [O] (04111) 262-321/352/530 Ext.550, [R] (044) 2626-2722, [M] 9840338360, pvr8541@hotmail.com	Honorary Registrar	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
Dr T R Das, Dept of Chemical Engineering, Indian Institute of Science, Bangalore – 560 012, [R] (080) 2331-1403, trd@chemeng.iisc.ernet.in	Member	Prof V K Srivastava, B-71, Gyandeept Apartment, Mayur Vihar, Phase – I, Delhi 110 091, [R] (011) 22796422, [Mobile] (0)9818263545, vikusr@yahoo.com
Prof G K Roy, Department of Chemical Engineering, National Institute of Technology, Rourkela 769 008, Orissa, [O] (0661) 247-2935, [R] (0661) 247-0046, [M] 9437196680, gk_roy@hotmail.com	Member	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
Dr S S Bandyopadhyay, Professor of Cryogenic Engineering & Chairman, Central Library, Separation Science Laboratory, Cryogenic Engineering Centre, Indian Institute of Technology, Kharagpur 721 302, [O] (03222) 283581/281453, 278838, [R] (03222) 278839, chairman@library.iitkgp.ernet.in	Member	Prof N M Surana, 103-A, Ganga Jamuna Society, Subhanpura, Vadodara 390 023, Gujarat, [R] (0265) 2399763, [Mobile] (0)9898934606, nmsurana@yahoo.com
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	Md Habibulla, Chief Executive, L & T Chiyoda Ltd., B P Estate, NH – 8, Chhani, Baroda 391 740, [Mobile] (0)9825031185, mhabibulla@ltsi.tlindia.com
Dr V V Basava Rao, 2-2-3/B/2/A Flat No. 201, Tirumala Nivas, Durgabai Desmukh Colony, Bagh Amberpet, Hyderabad 500 007, [O] (040) 27098901 Ext.244, 27427014, [R] 2766-1014, [M] 9849056705, drbasavarao@yahoo.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 S Ganeshan, 9/169 D Lakshmi Nivas, Dr Ambedkar Road, Dadar, Mumbai 400 014, [R] (022) 24143485, [M] 9820986067, ganeshan1@vsnl.com	Member	Dr T Viruthagiri, Professor & Head, Department of Chemical Engineering, Annamalai University, Annamalai Nagar 608 002, Chidambaram, [O] (04144) 239737, [R] (04144) 223412, [Mobile] (0)9443044503, dtvjr@rediffmail.com
Mr T L Prasad, Room No.310, DEED Complex, BARC, Trombay, Mumbai 400 085, [O] (022) 25591029, [R] (022) 2556-4402, [M] 9324605780, 9869879214, tlp@magnum.barc.ernet.in	Member	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
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	Member	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
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 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
Mr Sushil Kumar, President (GC), Indian Petrochemicals Corporation Ltd., Gandhar Petrochemicals Complex, P.O. Dahej 392 130, Dist. Bharuch, Gujarat, [O] (02641) 283101, [Mobile] 9998970021, sushil_kumar@ril.com	Member	Mr D M Butala, 5 Mohak, B/h. Manisha Society, Behind Raja's Lavkush Bunglow, Near Upendra Bhatt's Bunglow, Syed Vasana Road, Baroda 390 015, [O] (0265) 224-2422 [R] (0265) 225-3977, [Mobile] 09979853514, dmbutala@gscfcltd.com
Mr D M Butala, 5 Mohak, B/h. Manisha Society, Behind Raja's Lavkush Bunglow, Near Upendra Bhatt's Bunglow, Syed Vasana Road, Baroda 390 015, [O] (0265) 224-2422 [R] (0265) 225-3977, [Mobile] 09979853514, dmbutala@gscfcltd.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
Mr Arun K Saxena, Head, PICUS, Desalination Division, Bhabha Atomic Research Centre, Trombay, Mumbai 400 085, [O] (022) 2559-4639, [R] (022) 2782-0199, saxena@magnum.barc.ernet.in	Member	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
Dr Basab Chaudhury, 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	Member	Mr P R Dutta Ray, 7/3 Poddar Nagar, (Ground Floor), P.O. Jodhpur Park, Kolkata – 700 068, [R] (033) 2412-7565, [Mobile] 9830344837, prdattaray@yahoo.co.in
Mr Avinash S Sankholkar, Head IT and R&D, Larsen & Toubro Limited, E&C Division, EPC Block, Powai Campus, Gate No.1, Mumbai 400072, [R] (022) 2858-1044, [Mobile] 9820321846, avinash.sankholkar@LnTInfotech.com	Member	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
Mr Narayan Sau, 1/14 Adarsha Nagar, Kolkata 700 031, [R] (033) 2429-4554, [Mobile] 9433024348, sau_narayan@rediffmail.com	Member	---

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

Annual Report for 2007-2008

1.0 Introduction

The report covers the major activities of the Institute during the period 1 April 2007 to 31 March 2008.

2.0 60th Annual Session and CHEMCON 2007

The 60th Annual Session of Indian Institute of Chemical Engineers and the Indian Chemical Engineering Congress (CHEMCON) 2007, organized by the Calcutta Regional Centre, was held during 27-30 December 2007 at Heritage Institute of Technology, Chowbaga, East Kolkata Township, Kolkata. The central theme of this CHEMCON was 'Emergence of Indian Chemical Industry as a Global Giant: Vision 2020'. Year 2007 was the Diamond Jubilee Year of the IChE. The congress was attended by about 1000 delegates from all over India and abroad.

The Congress was inaugurated by the Chief Guest of the Congress Shri Nirupam Sen, Hon'ble Minister of Commerce and Industries, Government of West Bengal. The inaugural session was also addressed by Dr Sabhyasachi Sen, Principal Secretary, Govt. of West Bengal. Mr Jeet Bindra, President, Global Refining Operations, CHEVRON, USA delivered the Guest-of-Honor's speech. Welcome address was delivered by Mr Vikram Swarup, Chairman, Local Organizing Committee. Mr Swapan Bhowmik, Chairman of the National Organising Committee, delivered his opening address. The Presidential Address was delivered by Mr K Venkataramanan on 'IChE's Transformation Journey in its Diamond Jubilee Year'. He stressed on issues like building global linkages with Institution of Chemical Engineers (IChemE), UK and American Institute of Chemical Engineers (AIChE), USA & nurturing young Indian talent to promote the cause of Chemical Engineering profession in the country. Mr Venkataramanan reiterated that these linkages will not only allow Indian academics and engineering professionals access to collaborate with their international counterparts at institutional levels, it will also allow International bodies to access and work closely with Indian talent.

28th December 2007 was observed as Dhirubhai Ambani Commemoration Day and Dhirubhai Ambani Oration was delivered by Dr Samir Brahmachari, Director General, CSIR. The conference was also attended by Shri H N Sethna, Dr L K Doraiswami, Prof M M Sharma and also representatives of IChemE, UK, including Dr R A Mashelkar, President, IChemE and Mr Neil Atkinson, Director of Qualifications & International Development, IChemE.

Award Presentation

The IChE Awards for 2007 were presented on 27 December 2007 during the inaugural programme. A list of the awards and awardees is presented in Point 8.0. Dr K H Gharda was conferred the Dr B P Godrej Life Time Achievement Award 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 H&G**, was delivered by Dr S K Jain, Chairman & Managing Director, Nuclear Power Corporation of India Ltd., Mumbai, on 'Nuclear Power Program and the Growing Expectations'. In his lecture Dr Jain expressed his disappointment that India, despite being the fifth largest producer of electricity in the world, cannot provide power to many of its villages. The per-capita consumption also is abysmally low. About six million people are living without electricity in India. He stressed for setting up more nuclear power plants to combat the situation. Although the capital cost is much higher than that of thermal power plant because of the large number of safety and redundant systems involved, the operating costs are significantly lower as these plants have a life of not less than 60 years and thus the levelised cost is very competitive.

Kvaerner Powergas India's Professor N R Kamath Memorial Lecture was delivered by Prof M S Ananth, Director, IIT-Madras, Chennai, on 'Mathematical Modelling of Mass Transfer to Pulsatile Plug Flow'. He told the audience that modeling is an attempt to acquire a conceptual understanding of the behaviour of the system. Simulation is a complimentary activity that is necessary in order to compare the model predictions with experiment.

Inventaa C K Murthy Memorial Lecture was delivered by Dr Y V S S Murthy, Founder Managing Director, Alkali Metals Ltd., Hyderabad, on 'Innovation in Technology'. He discussed issues on Water Treatment and Waste Water reclamation, Energy Conservation, Clean Coal Technology, etc.

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 Technical Papers were received out of which 350 were read out in oral presentations and 300 were presented in poster sessions. Five papers were presented in AIChE-IChE Joint Symposium.

Job Mela

Many students from all over India submitted their CV for written test. Out of them 13 were selected for appointment and a few were shortlisted for detailed interview. Companies like L&T Ltd., Haldia Petrochemicals Ltd., etc., participated in the job mela. The entire process was conducted at the Heritage Institute of Technology by a dedicated team from the college and the Calcutta Regional Centre, IChE. Students were somewhat disappointed because the Job Mela failed to provide larger number of jobs.

Exhibition

A Technical Exhibition was organized by the Calcutta Regional Centre, IICChE. There were 10 stalls with exhibitors from diverse fields like Chemicals and Process Equipment, Instrumentation, Electrical and Information Technology, Engineering, Safety and Environment, etc.

3.0 60th Annual General Meeting

The sixtieth Annual General Meeting (AGM) of the Institute was held on 27 December 2007 at the Heritage Institute of Technology, Anandapur, Chwobaga Road, P.O. East Kolkata Township, Kolkata 700 107. Mr K Venkataramanan, President of the Institute, chaired the meeting that was attended by 80 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: Dr G G Kalthod (LF 05450), Mr G K Joshi (LM 00638), Prof M V Kowjalgi (LM 01242), Dr S S Kalbagh (LM 02221), Mr K K Ajila (M 00066), Dr Maqdoom Mohiudin (LM 06162), Mr H K Sadhukhan (LF 08805), Prof Om Prakash Rama (LM 30525) and Mrs Ruzena Kamath (wife of Late Prof N R Kamath).

The minutes of the 59th (Fifty-ninth) Annual General Meeting held on 27th December 2006 at the Badminton Hall, Sports and Recreation Club, GNFC Township, Narmadanagar, Bharuch 392 015 as circulated on 3rd November 2007 by Dr S K Das, Honorary Secretary, were confirmed, as proposed by Prof A K Mitra and seconded by Prof P De.

Dr S K Das, 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.

Prof G D Yadav pointed out that the Annual Report did not mention about observance of Dhirubhai Ambani commemoration day on 28th December 2006 during the Annual Session. On that day Prof C N R Rao, Chairman, PM's Scientific Advisory Council, had delivered the Dhirubhai Ambani Oration.

The meeting, after deliberations, decided that this information would be added as a supplement to the Annual Report and adopted the Annual Report of the Institute unanimously, as proposed by Mr D M Butala and seconded by Mr D P Misra.

Mr Smarajit Das, Honorary Treasurer presented to the Members, the salient features of the Consolidated Annual Accounts of the IICChE, circulated amongst them. After deliberations the meeting adopted the Annual Report of the Institute unanimously, as proposed by Dr Dipankar Choudhury and seconded by Mr Sushil Kumar.

Dr Sudip K Das, Honorary Secretary, reported that Doaba, Surat and Veraval Regional Centres did not submit their Annual Accounts for the year 2006-07 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, 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

failed to take positive action by 31st March 2008, the centres would be closed.

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

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

As the Veraval Regional Centre, IICChE did not submit their 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 would take over the Institute's activities within the jurisdiction of the defaulting Regional Centre.

As the existing Auditors M/s B C Kundu & Co., Chartered Accountants, Faraday House, P-17, Mission Row Extn., Kolkata-700013 are working as Auditors of the Institute for the last 3 years, 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. IICChE Accounts for the Financial year 2007-2008 on the same terms and conditions like the existing auditors as mentioned below:

Financial Year	Services	Remuneration
2007-2008	Auditing of IICChE Headquarters Accounts and Consolidated Accounts of IICChE. Advice on Income Tax and other tax related matters.	Rs 15,000/-

Dr S K Das, Honorary Secretary announced the names of the newly elected Council members for 2008.

4.0 Council Meeting Highlights

The Council had the following meetings between 1 April 2007 and 31 March 2008.

4.1 3rd meeting for 2007, held at IICChE Conference Room, Kolkata, on 21 April 2007

International Centres of the IICChE

The members had detailed deliberation over the opening of the International Centres of IICChE. While profusely appreciating the efforts of Mr K Venkataramanan, President, IICChE, in this regard, the members desired that these Centres might be called "FORA" instead of Regional Centres to avoid legal/statutory obligations. They also desired that a Committee headed by the President, might be formed to frame guidelines for operations of these International Centres. The Members of the Committee may be co-opted by the President.

Non-submission of Annual Accounts by Regional Centres (Item 4.3 of the minutes of the 2nd meeting for 2007).

In the context of its earlier decision to close Kalpakkam, Nadiad, Sindri and Surat Regional Centres if they fail to submit the Audited Annual Accounts for 2005-06 by 31st March 2007, the council noted that Kalpakkam, Nadiad and Surat Regional Centres have submitted Audited Accounts for the year 2005-06. As Sindri Regional Centre did not submit its Annual Accounts for 2005-06 by the extended stipulated date and its recent performance/activities were not encouraging the Council decided to close the Regional Centre and advised the Honorary Secretary to take further action in this regard in line with the actions taken in similar cases during previous year.

Membership

The Council elected Dr R P Bhagat (M12971), Scientist, NML, Jamshedpur as Fellow of the Institute in consideration of the recommendations received from the members of the Honorary Fellowship Committee.

Organizational Members

The Council approved the admission of St. Peter's Engineering College, Chennai, as Organizational Member of the Institute.

4.2 4th meeting for 2007, held in New Delhi on 30th June 2007

Examination

The Council decided as follows regarding improvement in examination of home paper:

1. For bringing improvement in examination of home paper, the interested students would be allowed one additional chance to improve by applying for re-evaluation in Home Paper Problem to the Controller of Examination. The fees payable for re-evaluation shall be Rs.500/-. There will be no re-evaluation of marks in viva-voce, which will remain unchanged.
2. The allocation of marks in Home Paper will be as follows with effect from Sept. 2007 examination:

Report	200
Viva Exam	100
<u>Total:</u>	<u>300</u>

The Council decided that candidates having Diploma in Food Processing Technology and Diploma in Leather Technology from State Boards of Technical Education may be considered eligible for registration for Associate Membership Examination and may be granted exemption as applicable for Diploma holders in Chemical Technology.

Membership

Recommendations received from the members of the Honorary Fellowship Committee were placed in the meeting. Based on the recommendations, the Council elected Mr Prabir Roy and Mr R K Wanchoo as Fellows of the Institute.

Regional Centre Affairs

The Council approved opening of a Student Chapter at Sri Sivasubramaniya Nadar College of Engineering,

Old Mahaballpuram Road, Kalavakkam 603 110 under Chennai Regional Centre.

MoU between Indian Institute of Chemical Engineers with the Institution of Engineers (India)

The amended MOU, which would enable mutual cooperation in Seminars, Conferences & similar activities piloted by either institution was approved by the Council.

The clauses on Certification of Chartered Engineers by IEI were dropped in the light of the recent developments regarding the Engineers Bill being piloted by Dr. Shali & AICTE as that would address this issue conclusively by forming independent "Council of Engineers" through an act of the Parliament.

4.3 5th meeting for 2007, held at Annamalainagar on 21st September 2007

Publication

Council accepted the proposal of Dr.S.Basu, Honorary Editor, ICE to publish a special issue of ICE on the occasion of the diamond jubilee of IChE.

CHEMCON-2006

Honorary Secretary reported that the Audited Accounts of Chemcon 2006 have not yet been received at IChE HQ. Non-submission of the audited accounts will lead to constraints in consolidation of accounts of IChE. However, a sum of Rs. 3.00 lakhs has been received at IChE HQ from the Organizing Committee, CHEMCON 2006 towards contribution from the surplus of the Congress.

In the preceding meeting Mr Sushil Kumar agreed to look into and expedite the matter. The members decided to wait for feed back from Mr Sushil Kumar.

Other matters

Honorary Secretary made certain proposals in the preceding Council meeting involving increase in pension of retired employees and extension of terms of contract employees when Mr S Das, Honorary Treasurer was requested to assess the financial implications and report the same to the Council. Accordingly a report was placed by him and the council approved the following:

- a. The service of Mr S K Banerjee is renewed for one year starting from 1st July 2007 with a consolidated pay of Rs.9000/- per month and tiffin allowance as per existing rules during this contract period ending 30th June 2008.
- b. Ms N Roy, Asst Editor, will attend office three days every week and will be paid remuneration of Rs.9000/- per month (consolidated) with effect from 1st Oct 2007.
- c. The librarian will be paid consolidated remuneration of Rs.3500/- from 1st Sept.2007 onwards.
- d. The retired employees shall get pension @ 25% of the last basic pay drawn subject to a minimum of Rs.2500/-per month and medical allowance of Rs.300/-per month effective from September 2007.

Biennial Chemcon Distinguished Speaker (CDS) Awards

The Council noted that NCL's Prof K Venkataraman CDS Award was made biennial by the Council, with consent from the donor, due to non-availability of sufficient funds in the endowment. The award was not given last year (2006).

Prof G D Yadav, Past President, IChE and Member of CDS Committee has requested that the following CDS Awards, which also do not have sufficient funds, should be made biannual from this year (2007):

1. Perkin Elmer Prof R Kumar CDS (Endowment – Rs 2.05 lakh, available balance in plough back fund is (-) Rs 6,174/- as on 31.03.2006)
The Council had initially decided not to give the award in 2006 but the Chemcon 2006 organisers wanted to give the award and committed to reimburse the award amount. But the amount has not yet been received.
2. Alkyl Amines Prof B D Tilak CDS (Endowment – Rs 2.00 lakh, available balance in plough back fund is (-) Rs 751/- as on 31.03.2006)
The award was not given in 2006 as decided by the Council.

Membership

Council approved admission of Dr J S Yadav, Director, IICT, as Honorary Fellow of the Institute.

The Council approved election of Mr A N Ingle and Prof K C Biswal as Fellows of the Institute based on the recommendations of the members of the Honorary Fellowship Committee.

Regional Centre Affairs

The Council approved opening of a Student Chapter at the Department of Chemical Engineering, Erode Sengunthar Engineering College, Thudupathi, Erode 638 057.

Representatives of IChE in Committees of BIS

The Council decided that the following members would represent the Institute in the respective committees of BIS:

Chemical Division Council

1. Prof S K Sharma - Principal Nominee
2. Dr.S Mukherjee - Alternate Nominee

National Committee on Chemical Engineering Plants and Related Equipment Sectional Committee

1. Mr G V Sethuraman - Principal Nominee
2. Mr A K Saxena - Alternate Nominee

4.4 6th meeting for 2007, held at Mumbai on 22nd November 2007

Examination center at Chandigarh and Surat

The Council approved the opening of Chandigarh and Surat examination centres from March-2008 Semester.

Confirmation of Assistant Secretary

The Honorary Secretary reported that Mr S Ghosh, Asst. Secretary completed one year of probation period and his performance is very satisfactory. He also recommended for the confirmation of Mr Ghosh and the same was approved by the Council.

4.5 7th meeting for 2007 held at Kolkata on 26th December 2007

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

Late Mrs Ruzena Kamath in her last Will / Testament had expressed her wish that certain sum out of her estate be donated for organizing programmes and activities in memory of her late husband Prof N R Kamath. Accordingly the trustees of the said Will have donated a sum of Rs. 1.65 lakhs (D.D.No. 434327 dated 17.11.2007 for Rs. 1.65 lakhs drawn on Canara Bank) to the Institute with the request that the same might be added to earlier amount of Endowment Corpus. They have also requested that the program might now be called "Prof N R Kamath and Mrs Ruzena Kamath Memorial Lecture"

Council approved the proposal and it was decided that the lecture would be renamed as 'Kvaerner Powergas India's Prof N R Kamath and Mrs Ruzana Kamath Medal and Memorial Lecture.'

CHEMCON-2006

The Council was happy to note that IChE Headquarters has received the audited statement of accounts of Chemcon 2006 from Mr G K Parikh, Co-chairman, Ankleshwar Regional Centre. The members appreciated the good work done by the Organizing Committee of Chemcon-2006.

CHEMCON-2009

The Council approved that Waltair Regional Centre would like to conduct CHEMCON-2009 coinciding with the Golden Jubilee of the Regional Centre and requested Prof Ch V R Murthy, Honorary Regional Secretary, Waltair Regional Centre, to submit formal BID for CHEMCON-2009.

SCHEMCON-2006

The Council noted that the audited statement of accounts of Schemcon 2006 has been received at IChE Headquarters from Prof S V Satyanarayana, Head of the Department of Chemical Engineering, JNTU, Anantapur. The members appreciated the excellent work done by the Organizing Committee.

SCHEMCON-2007

The Council noted that report and audited statement of account for Schemcon 2007 have been received at IChE Headquarters from Dr T Viruthagiri, Organizing Secretary, Schemcon 2007. The members appreciated the excellent work done by the Organizing Committee.

SCHEMCON-2009

The Council approved the proposal of Schemcon 2009 to be held at IIT Roorkee, and requested Honorary Secretary to obtain formal BID form for Schemcon 2009 from Mr Harsh Chaudhary, Secretary, IChE Student Chapter at IIT Roorkee.

Regional Centre Affairs

Council approved formation of new student chapter at the Department of Chemical Engineering, St Peter's Engineering College, Avadi, Chennai, under the Chennai Regional Centre.

The Council noted that the following Regional Centres and Student Chapters (in Kolkata and Chennai) have not submitted their Annual Accounts for the year 2006-07 till date.

Regional Centres: Doaba, Surat and Veraval.

Student Chapters: Heritage Institute of Technology, Jadavpur University, A C College of Technology, Dr Navalar Nedunchezhiyan College of Engg., Arunani Engineering College.

Council requested Mr Sushil Kumar to kindly take initiative for the revival of Surat Regional Centre. The Council also decided to close down those regional centers and student chapters whose audited accounts would not be received at the HQ within 31st March 2008.

Council approved formation of IChE Student Chapter at the Department of Chemical Engineering, Seth Jai Prakash Mukand Lal Institute of Engineering and Technology (JMIT), Radaur, under Chandigarh Regional Centre.

Permission for higher studies

Mr Sandip Ghosh, Asst Secretary, IChE, has requested for permission to carry out higher studies without hampering normal duties at IChE office. Council approved and encouraged him to pursue higher studies, without neglecting his tasks.

Admission to Fellowship

Council approved Mr A K Sexana' s admission to Fellowship.

Organizational Member

Council approved the admission of Birla Cellulosic as Organisational Members and expressed sincere thanks to Ankleshwar Regional Centre.

Examination

The Council decided that candidates having B Sc degree through Distance Education would be considered at par with those having regular B Sc degree for the purpose of registration for Associate Membership Examination.

4.6 1st Meeting for 2008 held in Kolkata on 28.12.2008

Election of President

Dr S Ganeshan was elected as the President of the Institute for the year 2008.

Election of Vice Presidents

Prof V K Rattan and Mr Sushil Kumar were unanimously elected as the Vice-Presidents of the Institute for the year 2008.

Election of Other Office Bearers

The Council elected Dr Basab Chaudhuri as the Honorary Secretary, Mr T L Prasad as the Honorary Joint Secretary, Mr Smarajit Das as the Honorary Treasurer, Dr S S Bandyopadhyay as the Honorary Editor, Dr V V Basava Rao as the Honorary Controller of Examinations, Dr T Kannadasan as Honorary Registrar, for the year 2008.

4.7 2nd Meeting for 2008 held at Hyderabad on 16th February 2008

IChE Diamond Jubilee Research Fund

A surplus of over Rs. 50.00 Lakhs was generated in the IChE, Mumbai account due to various activities undertaken in Mumbai as a part of IChE Diamond Jubilee Celebrations. The surplus was subsequently transferred to IChE Kolkata account. The fund has been named as "IChE Diamond Jubilee Research Fund". With this fund, the Council decided to appoint an R&D Director who will give thrust to Research and Development activities under the umbrella of IChE.

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

The Council decided that the additional accrued interest obtained from the Endowment of Rs.1.65 lakhs would be utilized by increasing the Honorarium of the speaker from Rs. 10,000/- to Rs. 15,000/- keeping all other criteria unchanged.

Dr R B Roy Choudhury Memorial Lecture

Council decided in its 7th (Last) Meeting for 2007 held on 26.12.2007 at Kolkata that the above lecture would be held during Chemcon every year. It was also decided that guidelines of this memorial lecture would be similar to that of the existing three memorial lectures and the endowment fund (Rs.2.00 lakhs) would be transferred from Mumbai Regional Centre to IChE Headquarters along with accrued interest. From the annual interest accrued on the corpus of the endowment, only 70% will be utilized for the award expenses, 10% for administrative expenses and 20% for plough back into the endowment so that the value of the corpus increased with time.

The Council decided that after receiving the endowment fund (Rs. 2.0 Lakhs) from Mumbai further action will be taken in this matter. Members also requested Dr Ganeshan, President IChE to look into the matter of transferring the endowment from Mumbai to Headquarters, Kolkata.

Staff Matters

Honorary Secretary reported that some of the employees were promoted to higher posts or placed in

higher scales/basic pay in accordance with the decision taken in the Second Meeting for 2007 held at Mumbai, (Item No. 7.0 of the minutes). Job responsibilities have also been enhanced. The Council recommended the confirmation of the staff on completion of one year of probation period as given below:

Sl.No.	N A M E	Present Designation	Date of next increment
01.	Shri Ram Kumar Basu	Assistant Manager (SG)	1 st February, 2008
02.	Shri Bimal Prasad Jana	Assistant Manager (RG)	1 st May, 2008
03.	Shri Soumen Nath	Assistant Manager (RG)	1 st February, 2008
04.	Mrs Dulu Das	Senior Assistant (SG)	1 st February, 2008
05.	Shri Sukanta Kr Roy	Junior Assistant (RG)	1 st February, 2008
06.	Shri Bimal Ch Das	Senior Assistant (SG)	1 st May, 2008
07.	Shri Netai Ch Mondal	Junior Assistant (RG)	1 st April, 2008

The Council noted that the following employees will retire during the next financial year (2008-2009) on attaining the age of superannuation (60 years) and discussed the staff strength, advised the Honorary Secretary to update staff files and establish proper procedures for employment/retirement, etc.

Mr A Sural, Executive Secretary on 31.12.2008
Mr R K Basu, Asst Manager (Accounts) on 28.02.2009

Membership

The Council in the meeting resolved that "Fellowship" be conferred on Mr K Venkataramanan, Immediate Past President.

Financial

The Council approved the following limits of expenditure by the office/office-bearers:

Any amount below Rs. 1000/-	IICHe Office
Any amount between Rs. 1001/- and Rs. 5000/-	Approval of the Honorary Secretary required
Any amount between Rs. 5001/- and Rs. 25000/-	Joint approval of the Honorary Secretary and Honorary Treasurer required
Any amount between Rs. 25000/- and Rs. 50000/-	Approval of the Finance Committee required
Any amount above Rs. 50000/-	Approval of the Council of the IICHe required

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 (1 April 2007 to 31 March 2008) was 1,506. Of this 1,481 were approved by the Council, all of whom were admitted.

Membership position as on 31 March 2008 is given below along with the corresponding figures as on 31 March 2007 and 31 March 2006:

	31 March 2008	31 March 2007	31 March 2006
Organisational Member (Life)	52	52	49
Organisational Member (Annual)	54	53	52
Honorary Fellow	119	118	117
Fellow (Life)	101	98	99
Fellow	41	41	41
Member (Life)	3843	3740	3580
Member	1516	1508	1423
Life Associate Member	1392	1279	1192
Associate Member	2636	2601	2533
Student Member	5792	4671	3867

The number of members attached to each of the Regional Centres (as on 31 March 2008) are as follows:

Sl. No	Regional Centre	No. of Members
1.	Ahmedabad	256
2.	Ankleshwar	487
3.	Annamalai	126
4.	Bangalore	366
5.	Baroda	476
6.	Bhubaneswar	117
7.	Calcutta	1,160
8.	Chandigarh	336
9.	Chennai	1,427
10.	Coimbatore	195
11.	Damanjodi	79
12.	Doaba	59
13.	Guwahati	274
14.	Hyderabad	1,514
15.	Kalpakkam	101
16.	Kanpur	84
17.	Kharagpur	90
18.	Kochi	430
19.	Lote	168
20.	Mangalore	269
21.	Mumbai	1,659
22.	Nadiad	201
23.	Nagpur	107
24.	Northern	830
25.	Pondicherry	45
26.	Pune	311
27.	Rourkela	75
28.	Surat	156
29.	Trivandrum	246
30.	Vapi	132
31.	Veraval	96
32.	Waltair	631

The following organizations were admitted as organizational members of the Institute upto 31 March 2008:

Permanent Organisational Members – Industry

1. Alkyl Amines Ltd.
2. Artemis Biotech Ltd., Mumbai
3. Asian Paints Ltd., Mumbai
4. Avon Organics Ltd., Hyderabad
5. Bentley Systems India Pvt Ltd., Mumbai
6. Birla Cellulosic, Bharuch
7. Blast Carboblocks Pvt Ltd., Navi Mumbai
8. Deepak Fertilisers & Petrochemicals Corporation Ltd., Pune
9. Development Organization for Sustainable Transformation, Chandigarh
10. Dr Reddy's Laboratories Ltd., Hyderabad
11. Excel Industries Ltd., Mumbai
12. Firechem, Faridabad
13. Golden Chemicals (I) Ltd., Mumbai
14. Gujarat Alkalies & Chemicals Ltd., Baroda
15. Haldor Topsoe International A/S, New Delhi
16. Heavy Water Board, Mumbai
17. Hercules Speciality Chemicals (India) Pvt. Ltd., Bangalore
18. Herdillia Chemicals Ltd., Mumbai
19. Hetero Drugs Ltd., Hyderabad
20. Hikal Ltd., Taloja, Maharashtra

21. Hindustan Dorr-Oliver Ltd., Mumbai
22. Hindustan Latex Ltd., Thiruvananthapuram
23. Indian Oil Corprn Ltd., Refinery Divn, New Delhi
24. Jacobs H&G Pvt. Ltd., Mumbai
25. Kavaerner Powergas India Ltd., Mumbai
26. Labindia Instruments Pvt. Ltd., Thane
27. Llyod's Register of Shipping, New Delhi
28. Mecon Ltd., Ranchi
29. National Organic Chemicals Industries Ltd., Mumbai
30. Oil and Natural Gas Corporation Ltd., Dehradun
31. Pidilite Industries Ltd., Mumbai
32. RPG Life Sciences Ltd., Mumbai
33. Sartorius India Pvt. Ltd., Bangalore
34. Sud-Chemie Inda Ltd. (United Catalyst India Ltd.), Mumbai
35. Themis Medicare Ltd., Mumbai
36. Toyo Engineering India Ltd., Mumbai
37. TUV Suddeutschland Ltd., Mumbai
38. United Phosphorus Ltd., Ankleshwar, Gujarat
39. Vical Inc., USA

Permanent Organisational Members – Research & Educational Institutes

- 1) Central Leather Research Institute, Chennai
- 2) Central Salt & Marine Chemicals Research Institute, Bhavnagar
- 3) Chaitanya Bharathi Institute of Technology, Hyderabad
- 4) Heritage Institute of Technology, Kolkata
- 5) High Energy Material Research Laboratory, Pune
- 6) 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, Sripurumbudur, 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., 8.0 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., Ankleshwar
- 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

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

IICHe Awards 2007

Following is the list of IICHe Awards and their recipients for 2007. The awards were presented at CHEMCON 2007, held during 27 – 30 December 2007 in Kolkata, 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 K H Gharda, Chairman & Managing Director, Gharda Chemicals Limited
- **ICI India Ltd. Award for Excellence in Process or Product Development**
Mr Prabhakar Nag, Vice President (Operation), **Dr Raj Kumar**, Vice President (R&D) & Head, Environmental Science Group and **Mr T Z Solanki**, General Manager (Operation), Reliance Industries Limited, Vadodara
- **IPCL Award For "Safety/Hazard Management in Petrochemical Industry"**
Professor J P Gupta, Chemical Engineering Dept., Indian Institute of Technology, Kanpur
- **Amar-Dye-Chem Award for Excellence in Research and Development for Chemical Engineers below the Age of 35 Years**
Dr Parag R Gogate, Scientist A, Information Processing Centre, Institute of Chemical Technology, University of Mumbai, Mumbai
- **Chemical Weekly's Padmashri Dr G P Kane Chemcon Distinguished Speaker Award**
Prof Rakesh Agrawal, Purdue University, USA
- **Hetero Drugs Prof G S Laddha Chemcon Distinguished Speaker Award**
Prof Dibakar Bhattacharyya, University of Kentucky, USA
- **IICT-Avon Padmashri Dr G S Sidhu Chemcon Distinguished Speaker Award**
Dr Murali Sastry, Tata Chemicals Innovation Centre, Pune
- **NCL's Prof K Venkataraman Chemcon Distinguished Speaker Award**
Dr Neil Atkinson, Director of Qualifications and International Development, IChemE, UK
- **Alkyl Amins Padma Bhushan Prof B D Tilak Chemcon Distinguished Speaker Award**

- Prof Amarjeet S Bassi**, University of Western Ontario, London – Canada
- **Perkin Elmer's Prof R Kumar Chemcon Distinguished Speaker Award**
Prof V S Ramamurthy, Former Secretary, DST, DAE, New Delhi
 - **Deepak Group's Padma Bhushan Prof L K Doraiswamy Chemcon Distinguished Speaker Award**
Prof Dennis Miller, Michigan State University, USA
 - **RPG Life Science Prof M M Sharma Medal and Chemcon Distinguished Speaker Award**
Prof P Balam, Director, Indian Institute of Science, Bangalore.
 - **Asian Paints Padma Bibhushan Dr R A Mashelkar Medal and Chemcon Distinguished Speaker Award**
Prof Samir K Brahmachari, Director, Institute of Genomics & Integrative Biology, Delhi
 - **United Phosphorus Chemcon Distinguished Speaker Award**
Dr A K A Rathi, Chief Technical Adviser, Government of Gujarat
 - **Hikal's Chemcon Distinguished Speaker Award**
Prof Jacob Masliyah, University of Alberta, Edmonton, Alberta
 - **CSMCRI Chemcon Distinguished Speaker Award**
Prof Ajay K Ray, University of Western Ontario, Canada
 - **CLRI Dr Y Nayudamma Chemcon Distinguished Speaker Award**
Prof K N Ganesh, Director, Indian Institute of Science Education and Research (IISER), Pune
 - **DOST Professor S K Sharma Medal and Chemcon Distinguished Speaker Award**
Dr Tapas K Das, Saint Martin's University, Lacey, Washington
 - **CHEMCON NEERI Distinguished Speaker Award**
Prof Arup Kumar Sengupta, Lehigh University, USA
 - **Shah-Schulman Award 'for the best Ph.D. thesis in the area of Colloid and Interface Science'**
Dr Biji Balakrishnan, IIT Bombay, Powai, Mumbai
 - **Dr A V Rama Rao Foundation's Award for Best Ph.D. Thesis and Research in Chemical Engineering/Technology for the Year**
Dr Mihir Kumar Purkait, Assistant Professor, Department of Chemical Engineering, Indian Institute of Technology, Guwahati and **Dr S De**, Department of Chemical Engineering, Indian Institute of Technology, Kharagpur
 - **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)**
1st Prize
Mr Shashidhar Shintri, National Institute of Technology Karnataka (NITK), P.O. Srinivasanagar, Karnataka
2nd Prize
Ms M Nikhila, National Institute of Technology, Warangal
 - **Chemical Weekly Award for the Best Paper Published in the Institute's Journal (ICE-2006) And IChE NRC Award Best Paper in "Indian Chemical Engineer" 2006**
Dr. Avi A. Cornelio, Process Control Laboratory, Department of Biochemical and Chemical Engineering, University Dortmund, D-44221 Dortmund, Germany
 - **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" 2006**
Dr. Ch. Sailu /Dr. D. Jaya Prakash / Dr. S. Venkateswar/ Dr. M. Bhagvanth Rao, University College of Technology, Osmania University, Hyderabad – 500 007
 - **Sisir Kumar Mitra Memorial Award to the second best technical paper published in the journal of the Institute in the issues of the preceding year And IChE NRC Award 3rd Best Paper in "Indian Chemical Engineer" 2006**
Dr. K. Lavanya / Dr. B. Umamaheswari, Department of Electrical and Electronics Engineering, College of Engineering, Anna University, Chennai – 600 025 and **Dr. Rames C. Panda**, Department of Chemical Engineering, CLRI, Chennai – 600 020
 - **Prof D K Guha Award for the Most outstanding AMIChE Candidate for securing Highest Percentage of Marks in Associate Membership Examination during the Last Four Years**
Mr Neraj Gupta, BARCF, Kalpakkam
 - **N R Nandi Memorial Prize for securing highest marks in Associate Membership Examination**
Mr Neraj Gupta, BARCF, Kalpakkam
 - **The Late Lakshmi Nandakumar Award for a Lady Student for the Best Presentation in the SCHEMCON of the Year**
Ms S Desika and Ms B Dharshini Dhanalakshmi, CECRI, Karaikudi
 - **Gouri Dutta Award for the Best Paper Presentation in SCHEMCON of the Year**
Mr S Karthiknarayanan and Mr T R Kubendran, St. Joseph's College of Engineering, Chennai
 - **Ambuja's Young Researcher's Awards for doing Post-Graduate Studies in India after GATE Examination**
Mr Soumik Chakraborty, IIT, Kanpur, **Mr K V V N Krishna Babu**, **Mr Mathew John** and **Mr Girish M**, IISc, Bangalore
Mr Bharat Kumar Konduru and **Mr Ravikanth Dharmarajula**, Osmania University, Hyderabad
Mr Amit C Hasabnis, **Mr Seethamraju Srinivas** and **Mr Amit Dhruv Saran**, IIT, Bombay
 - **The 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 2006: **Mr R Nagaraj**, IGCAR, Kalpakkam
March 2007: **Mr Boddhi Ramesh**, BARC, Kalpakkam
 - **Ambuja's Best Student Chapter Award (2 Prizes)**
St Joseph's College of Engineering, Chennai
 - **Pidilite's Best Student Chapter Award**
J N T U College of Engineering, Anantpur
 - **Prof.P.Sen Gupta Award for Best IChE Employee**
Shri K C Mandal, IChE HQ, Kolkata
 - **Best Regional Centre Trophy**
Northern Regional Centre (Category "A")
Damonjodi Regional Centre (Category "B" 1st)
Trivandrum Regional Centre (Category "B" 2nd)

Waltair Regional Centre (Category "B" 2nd joint)

Following is the list of IChE awards (2007) for students, presented at the third Students' Chemical Engineering Congress (SCHEMCON), held at Annamalainagar during 21-22 September 2007:

- **Acharya P C Ray Award for the best and the second best Project Report on Plant Design**
1st Prize: **Mr Syed Mohmed Akil, UICT, Mumbai**
2nd Prize: **Mr Siddharth Dineshkumar Garg, The M S University, Vadodara**
- **Ambuja's Best Home Paper or Design Project Report Awards for an Undergraduate Chemical Engineering Student**
1st Prize: **Mr Zubin Bhupendra Kuvadia, UICT, Mumbai**
2nd Prize: **Mr Himanshu Hemant Dhamankar, UICT, Mumbai**
3rd Prize: **Mr Amit Ashok Pawar, UICT, Mumbai**
- **VICAL Award for Best Students Paper Presentations in Chemcon**
1st Prize: **Mr A Banerjee, Calcutta University, Kolkata**
2nd Prize: **Mr M Vijay Kumar, IIT, Guwahati**
3rd Prize: **Mr Ranjith, CLRI, Chennai**
- **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 Umesh Bhardwaj, Vishwakarma Government Engineering College Gandhinagar

9.0 Research and Development

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

- 1) Color Removal from effluent streams.
- 2) Microbial decontamination of petroleum sludge.
- 3) Removal of heavy metals/color by electrochemical method.
- 4) Use of waste plastics as value adds.

10.0 Students' CHEMCON

The 3rd Students' Chemical Engineering Congress (SCHEMCON) 2007 was held at the Department of Chemical Engineering, Annamalai University during 21-22 September 2007. The theme of SCHEMCON 2007 was 'Marching towards Technological Excellence'. The programme was jointly organized by IChE-Annamalai-Neyveli Regional Centre and Department of Chemical Engineering, Annamalai University, Chidambaram, Tamilnadu.

Dr L B Venkatrangan, Vice Chancellor, Annamalai University, inaugurated the congress by lighting the lamp and released a souvenir to commemorate the occasion. Mr K Venkataramanan, President, IChE, and President, Member of the Board, L&T Limited, presided over the function. Dr M S Ananth, Director, IIT-Madras, was the Chief Guest and delivered the inaugural address. Professor B Palaniappan, Dean, Faculty of Engineering and Technology, Annamalai University and Mr G V Sethuraman, Vice President, IChE, and Director, Enfab Industries Ltd., were offered felicitations. Dr T Viruthagiri, Chairman, Organizing Committee, SCHEMCON-2007 welcomed the gathering. Dr R Dhanasekar, Honorary Regional

Secretary, IChE-Annamalai Neyveli Regional Centre, delivered the vote of thanks. About 522 technical papers were received for presentation in the congress out of which 176 were selected. A total of 168 papers were registered and accommodated in 6 oral and 6 poster sessions. About 350 student delegates from 43 engineering colleges all over India participated in the SCHEMCON-2007. Six invited lectures by eminent persons from reputed industries and institutes were arranged. A quiz competition was conducted with 60 student participants. Mr G V Sethuraman, Vice President, IChE, & Director Enfab Industries Pvt. Ltd., presided over the function and delivered the Presidential Address.

11.0 Institute's Library

Renovation work has been done to face lift the Institute's library by painting the library room and replacing the old book racks with new furniture.

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:** Mr 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) 'Environmental Issues & Management' by Dr R M Subbiah, MD, Green Smart, Malaysia
- 2) 'LNG Chain Present & Future' by Dr S Madhavan, Global Director (Rtd), Kellogg Brown & Roots Ltd., USA.
- 3) 'Recent Progress in Chemical Engineering' by Dr Padmanaban, HoD, Chem Engg, Dr MGR Deemed University, Chennai.
- 4) 'Membrane Technology' by Dr Altaf Hussain, Researcher, Doosan Desalination, R&D Centre, Dubai.
- 5) 'Corrosion Technology' by Dr P Subramanian, Dean (Academic), Dy Director, CECRI, Karikudi.
- 6) 'Present Scenario of Chemical Industries in India' by Mr Gopalkrishnan, Retd DGM, Dharangadhara Chemicals.

b) Students' Chapter:

Inauguration of activities of IChE Student Chapter at Annamalai University was organized on 15.10.2007 by Prof (Dr) S M Lakshmanan, Former Dean, Faculty of Engg and Tech, Annamalai University.

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 C Mittal, Mr U S Ambegaonkar, Mr B D Deshkumh, **Honorary Regional Secretary:** Mr C S Babu, **Executive Secretary:** Mr Nitin Patel, **Honorary Regional Joint Secretaries, Paloni:** Mr S Tralsawala, **Bharuch:** Mr A P Dave, **Ankleshwar:** N B Saraiya, **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 Senjalia, 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 R R Khandpur, 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:

- One day course on "Chemical Engineering for Non-Chemical Engineers" was organized at Hotel Shalimar, Ankleshwar on 18.08.2007. The seminar was inaugurated by Shri Kamlesh Udani and Shri Sushil Kumar – President, IICHe-ARC.
- A film show on "Global Warming – An Inconvenient truth" was organized at Diamond Children Theater, Cnandpura Sports Complex, GIDC, Ankleshwar, was organized on 30.10.2007.
- A competition for "IICHe-ARC: Best Chemical Engineer/Technologist Award 2007" was organized at Conference Room of M/s. Lupin Ltd., Ankleshwar, on 27.11.2007.
- One day "Cooling Water Conclave-2008" was organized jointly with GNFC Ltd., on 29.01.2008.

Joint evening talks:

- In association with M/s. Tranter India (P) Ltd. on "Emerging Trends in Heat Transfer Technolgy" was organized at Hotel Shalimar-Ankleshwar on 01.09.2007.
- In association with M/s. Grundfos on "Energy Efficient Solutions" was organised at Hotel Shalimar, Ankleshwar, on 08.10.2007.
- In association with Quipo Infrastructure Equipment Ltd. on "Energy Rental" organised at Hotel Shalimar, Ankleshwar, on 18.01.2008.
- In association with M/s. Dakle Reinforced Plastics Pvt. Ltd., on "Applications of Fiberglass Reinforced Plastics" at Hotel Shalimar, Ankleshwar.
- In association with BlastCarbo Blocks Pvt. Ltd., on "The Graphite Greener & Energy Efficient Material for Chemical Process Equipment", on 18.03.2008.
- In association with M/s. Nile Ltd., on "Glass lined equipment – Selection and use" at Hyderabad on 09.05.2008.

12.3 Bangalore Regional Centre

Committee:

Chairman: Dr Y Jagannadha Rao, **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 K S Rajanandam, Mr K R Ananth, Mr K A Badrinarayana, Mr P L Muralidhara

Activities:

- Student Chapters were revived at RVCE and MSRIT, Bangalore, by making student members.

- Get together programme was organized on 19.08.2007 at M S Ramaiah Institute of Technology in Bangalore region.
- Annual competition of the final year students of Chemical Engineering, the Best Project Award function was organized at M S Ramaiah Institute of Technology, Bangalore, on 20.05.2008.
- Bangalore Regional Centre instituted the Best Design Award competition, a state level competition for the design of any process or equipment in Chemical Engineering field. The faculties of MSRIT and Members of EC of BRC Prof G A Shareef, Mr V Venkatesham and Mr K V Badarinarayana proposed to contribute towards the prize money for this award.

Seminar:

BRC and Dept of Chemical Engineering, RVCE, jointly organized a one-day seminar on "Career Opportunities in Chemical Engineering" on 19.11.2007. Students from various colleges in Bangalore Region participated in the seminar.

Industrial Visit:

The Students Chapter of M S Ramaiah Institute of Technology, Bangalore, organized an Industrial visit to BASF and Mangalore Refinery & Petrochemicals Ltd., Mangalore, during 28th and 29th April 2008. The students were accompanied by Prof G A Shreef, Vice Chairman and Mr Brijesh, Honorary Regional Secretary, BRC.

12.4 Baroda Regional Centre

Committee:

Chairman: Mr Md Habibulla, **Vice-Chairmen:** Mr D M Butala, Mr B P Baliga, **Honorary Regional Secretary:** Mr N M Surana, **Honorary Joint Regional Secretary:** Mr S Sridhar, **Honorary Treasurer:** Mr R K Desai, **Members:** Mr M R Patel, Dr G L Tambe, Dr R Sengupta, Mr Avijeet Kundu, Mr Bharat Doshi, Dr Rajeshwar

Activities:

Seminar/Conference:

- One day national seminar on the topic "Clean Development Mechanism", on 25th June 2008.
- One day International Conference on "E-waste management in India – A Sustainable Solutions" on 18th May 2007 at Prakruti Resort.

Technical Lecture:

- Prof K S Gandhi, IISc, Bangalore, gave a talk on 5th May 2008 at Chemical Engineering Department Auditorium.

Get-together

- Get-together of members and invitees were held during October 2007.

12.5 Bhubaneswar Regional Centre

Committee:

Chairman: Dr Ashutosh Parida, **Vice-Chairmen:** Mr A K Tripathy, Dr C R Mishra, **Honorary Regional Secretary:** Dr K C Nathasarma, **Honorary Joint Regional Secretary:** Mr Sanjiv Bhalla, **Honorary Treasurer:** Mr A Raviprasad, **Members:** Dr P Chattopadhyaya, Dr B Nanda, Mr Bijaya Kumar Behera, Mr P Sahoo, Mr K K Rao, Dr C R Panda

Activities:

Talk on 'Experiments at Heavy Water Plant, Talcher', delivered by Dr P R Mohanty, General Manager, Heavy Water Plant, Talcher, on 27.06.2008 at the Meeting Hall, Institute of Minerals & Materials Technology. After the talk, there were discussions on the topic followed by some questions from the audience.

12.6 Calcutta Regional Centre

Committee:

Chairman: Mr P R Dutta Ray, **Vice-Chairman:** Prof U P Ganguly, **Honorary Regional Secretary:** Dr Basab Chaudhuri (up to 09.02.2008), Dr Asim K De (from 10.02.2008), **Honorary Regional Joint Secretary:** Mr Amal Kumar Mitra, **Honorary Regional Treasurer:** Mr M K Das, **Members:** Prof P Sen Gupta, Prof B N Chakraborty, Prof B N Srimani, Mr P Misra, Mr P K Mukhopadhyay, Mr T K Bandyopadhyay, Prof A K Mitra, Mr Shyamal Kr Ghosh

Activities:

a) Birthday Celebration of Dr H L Roy

The 118th Birth Anniversary of Dr H L Roy, the founder President of the IChE, was celebrated on 2nd November 2007. Two most distinguished and senior members of the IChE family, Prof D K Dutta, formerly Head, Dept of Chemical Engineering, Jadavpur University and Prof B Ghosh, formerly Head, Dept of Chemical Engineering, Punjab University, were felicitated on this day. Dr S K Biswas, formerly Technical Director of ICI (India) and an eminent Chemical Engineer delivered a lecture on "Safety Aspects in Chemical Industry".

b) **Technical Lecturer on:**

- 1) 'Safety Aspects in Chemical Industry' by Dr S K Biswas, Formerly Technical Director, ICI (India) Ltd., on 2nd November 2007, at Dr H L Roy Auditorium.
- 2) 'Optimization Problems in Chemical Engineering' by Prof Ajay K Ray, Dept of Chemical Engineering, University of Western Ontario, Canada, on 3rd August 2007 at Lecture Hall, Dept of Chem Engg, University of Calcutta.

c) **Seminars:**

- 1) A full-day seminar on 'Growth Potential of Chemical, Petroleum and Allied Industries in West Bengal' has been organized June 28, 2008.
- 2) The Canadian Education Centre of the Canadian Embassy, the IChE Headquarters and the Calcutta Regional Centre organized a Symposium on "Higher Studies in Canada" jointly.

d) **Cultural Programme and Annual get together**

CRC organized this year's annual get-together of members in a different way by organising cultural programme on March 29, 2008 at the Triguna Sen Auditorium in Jadavpur University Campus. Members were entertained with songs and poems, Geeti alekhya and dance, drama, lectures and recitations. The programme ended with a dinner party.

e) **CHEMCON-2007 Accounts**

Accounts of CHEMCON-2007 have been settled. The CRC-IChE received Rs.19,00,000/- from CHEMCON-2007 Organising Committee. The EC members of the CRC conveyed their deepest thanks to the CHEMCON-2007 Organizing Committee.

12.7 Chandigarh Regional Centre

Committee:

Chairman: Dr J C Bansal, **Vice-Chairman:** Mr Anil Arora, **Honorary Regional Secretary:** Prof V K Rattan, **Honorary Regional Joint Secretary:** Mr Deepak Mehan, **Honorary Regional Treasurer:** Dr R C Katyal

Activities:

a) **Polymic-2007:**

A debate was organized in collaboration with Panjab University campus Students' Council on 13th April 2007.

b) An interactive session with Director and Senior Members of Petronet LNG was organized on 9th August 2007.

c) **Cyanide-2008:**

A Cultural-cum-Technical Annual fest was organized during 19th to 22nd February 2008 in association with Dept of Chemical Engineering & Technology, Panjab University.

d) Quiz contest was organized on 20th February 2008.

e) Lecture on 'Technology Changing the World Scenario', organised on 21st February 2008.

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:**

- 1) On 'Safe Drinking Water' by Dr M K Purkait, on 7th July 2007, at Dept of Chemical Engineering, IIT, Guwahati.
- 2) On 'Interpersonal Skills' by Dr N Tripathi, on 15th February 2008, at Dept of Chemical Engineering, IIT, Guwahati.

b) **Award :**

IChE 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 IChE-Guwahati Regional Centre. The award will carry a citation and a cash prize (as deemed appropriate by the GBM each year).

12.9 Hyderabad Regional Centre

Committee:

Chairman: Prof S S Sridharan, **Vice-Chairman:** Mr P Ramji and Mr Eshwar Reddy, **Honorary Regional Secretary:** Dr R Shyam Sunder, **Honorary Joint Regional Secretary:** Mr M Mishra, **Honorary Regional Treasurer:** Mr C P Ramulu, **Members:** Mr M Ranga Rao, Mr B R K Kumar, Dr V Ramesh Kumar, Prof K S K Rao Patnaik, Dr G Venkateshwarlu, Mr Laxman Suri, Mr P Shyam Sunder, Mr M G V Chalapathi Rao, Mr N Sridharan, Mr N L N Reddy, Mr K Saravanan

Activities:

a) **Seminar/Workshop:**

- 1) A National Seminar on "Profile of Zirconium Industries in India" was conducted on 27th September 2007 at Technology Auditorium Osmania University, Hyderabad on the occasion of diamond jubilee celebration of IChE.
- 2) Workshop on "Personality Development through SAHAGA YOGA Meditation" was organized on 23rd June 2008 at UCT, OU, Hyderabad.

b) **Endowment Lecture:**

M P Chary Endowment Lecture on "Indian Drug Industry from 1960 t till date" was delivered by Padmasri Dr A V Rama Rao of AVRON Laboratories on 16th February 2008 at Raj Tristar, Secunderabad.

c) **Technical Lectures on:**

- 1) "Nano Materials and Nano Structures" by Prof K S K Rao Patnaik, at Seminar Hall, UCT, OU.
- 2) "Principles of Industrial Process Instrumentation" by Prof K S K Rao Patnaik, at Seminar Hall, UCT, OU.
- 3) "Fabrication of Chemical Equipments" by Mr A Bhasker Reddy, MD, Enfab Industries, at Industrial Association Office, IDA, Mallapur, Hyderabad.

d) **Industrial Visits to:**

M/s. Enfab Industrias, IDA, Mallapur, Hyderabad
 M/s. Premium Pumps, IDA, Mallapur, Hyderabad
 M/s. N K Chemicals, IDA, Mallapur, Hyderabad
 M/s. Vega Process Equipments, IDA, Mallapur, Hyderabad
 M/s. Ahlada Pharma Bulk Drug Intermediates, IDA, Mallapur, Hyderabad

e) **Publications:**

- 1) National Seminar Proceedings on "Profile of Zirconium Industries in India".
- 2) Two News Bulletins

c) **Get-together:**

- 1) Get-together of IChE-HRC Members with their families was organized on the occasion of AGM-2007 on 26th June 2007, at Spice Court Banquet Hall, Himayat Nagar, Hyderabad.
- 2) Get-together of IChE-HRC Members was organized on the occasion of EGM to enter into a MoU with OU to create Regional Centre office-cum-guest house facility in OU campus on 25th August 2007, at Technology Seminar Hall, OU, Hyderabad.
- 3) Organised on the occasion of hosting Council Meeting of IChE on 16th February 2007 at Taj Tristar, Secunderabad.
- 4) Organised on the occasion of Diamond Jubilee celebrations of IChE on 29th September 2007 at OUCT, Hyderabad.

d) **Jawaharlal Nehru Technological University Student Chapter, Ananthapur:**

Student at Department of Chemical Engineering, JNTUCE, Anantapur, organized Fusion-2007 on 31st August 2007. Industrial visits were organized for B.Tech 3rd Year and Final Year students.

e) **Osmania University College of Technology Student Chapter, Hyderabad:**

This chapter was involved in all the activities of IChE-HRC. Essay Writing Competition and few memorial lectures were organized in the month of June 2008:

f) **Padmashri Dr B V Raju Institute of Technology Student Chapter:**

- About 62 students were sent for inplant training.
- A Guest lecture was delivered by Dr P V S Murthy, Sr Scientist, IICT, Hyderabad.

g) **NIT-Warangal Student Chapter:**

- Guest Lecture on “Role of Chemical Engineers in Industry” Mr Y Subba Rao, DGM, Heavy Water Plant, organized on 4th October 2007.
- Essay Writing competition and technical quiz competition were organized on 25-27th January 2008.

12.10 Kharagpur Regional Centre:

Committee:

Chairman: Prof D Mukherjee, **Vice-Chairman:** Dr Sudarsan Neogi, **Honorary Regional Secretary:** Prof D D Kar, **Honorary Regional Joint Secretary:** Mr B Raja Mohan, **Honorary Regional Treasurer:** Dr Amiya Kumra Jana, **Members:** Dr Anand V Patwardhan, Dr Sudipto Chakraborty, Prof Sunando Das Gupta, Prof D Bhattacharya, Mr Jaya Narayan Sahu

Activities:

a) Technical Lectures by:

- 1) Dr J Y S Lin, on 18.12.2007, USA.
- 2) Dr U Ghose, on 17.01.2008, Australia.
- 3) Dr R Mukherjee, on 30.01.2008, Kolkata.

b) Get-together

- 1) Local get-together was arranged at Hotel Tamrolipto, Kharagpur, on 08.09.2007.
- 2) Outstation get-together was arranged at Mandarmoni, on 20.01.2008.

12.11 Kochi Regional Centre

Committee:

Chairman: Dr K E George, **Vice Chairmen:** Mr R Venugopal, Mr C V R Bhaskar, **Honorary Regional Secretary:** Mr Babu Jose, **Honorary Regional Joint Secretary:** Mr K B Biju, **Honorary Regional Treasurer:** Shri K F Sajo, **Members:** Mr Jacob Kutty, Mr S Sudarshan Kumar, Mr C V Rajkumar, Mr K P Prabhakar, Mr V Venkatesh, Mr Jacob Chacko, Mr P K Suresh Kumar, Mr M Sajan, Dr G Madhu, Dr K V Narayanan, Dr Mary Thomas

Activities:

Inaugural Address by Mr C R Surendranathan, Dy Chief Controller of Explosives, Petroleum Explosives Safety Organization, Govt. of India, on ‘PESO’s (Petroleum Explosives Safety Organisation) role in ensuring safety in Hydrocarbon Industry’ on 29th March 2008.

a) Technical Lectures on:

- 1) ‘Clean Development Mechanism (CDM)’ by Mr K Jayachandran, EA(T) to CMD, FACT, on 18th December 2007 at Productivity House, Kalamassery.
- 2) ‘Refining Process – An Overview’ by Mr Chacko M Jose, Sr Manager, BPCL-KRL, on 18th March 2008 at Productivity House, Kalamassery.
- 3) ‘Recent Developments in Rotating Machinery’ by Mr Dileep R, Manager (Mechanical

Maintenance), FACT, on 8th May 2008 at Productivity House, Kalamassery.

b) Activities of IChE Student Chapter of Govt. Engg College, Calicut.

Technical Session was conducted for the students and faculty of chemical engineering. Following technical lectures was organized on the topic:

- 1) ‘Global Warming & Clean Development Mechanism (CDM) by Mr K Jayachandran, EA(T) to FACT CMD.
- 2) ‘Environmental Concerns – with Special Reference to Waste Water Engineering’ by Dr G Babu, Conduitant & Engineer (Chemical) FACT.

c) Seminar on:

Health, Safety & Environment was organized on 5th June 2008 at Ashoka Hall, Hotel Avenue Centre, Panampilly Nagar. The theme of the seminar was ‘CO₂ – Kick the Habit towards a Low Carbon Economy’. Following four technical papers were presented on:

- 1) ‘Solid Waste Management’ by Mr P Ashok Kumar, Chief Engineer (C&P) and Mr K Jayachandran, EA(T) to CMD, FACT.
- 2) ‘Water Pollution’ by Mr S Krishnan Nair, Manager (TS), KMMML, Chavara.
- 3) ‘Air Pollution’ by Mr R Kumar, Manager (E&E) and Mr Biju G, Sr Engineer (E&E) of BPCL, KRL.
- 4) ‘Environmental Solutions for Chochin City’ by Miss Deepthi R, 4th semester student, Toc H Institute of Science & Technology, Kochi.

d) Quiz:

A Health, Safety & Environment Quiz was conducted by IChE-Kochi Regional Centre on 5th June, on the occasion of World Environmental Day at Ashoka Hall, Hotel Avenue Centre, Panampilly Nagar, Kerala.

12.12 Mumbai Regional Centre

Committee:

Chairman: Mr P D Samudra, **Vice-Chairman:** Dr H Shrihari, **Honorary Regional Secretary:** Dr Sunil S Bhagwat, **Honorary Regional Joint Secretary:** Mr Jayesh Master, **Honorary Regional Treasurer:** Mr V Y Sane, **Student Co-Ordinator:** Mr P K Saxena, **Members:** Dr B Chakravorty, Mr M P Jain, Mr P K Saxena, Dr Anuradda Ganesh, Mr Rajesh Jain, Mr Sharad Vengsarkar, Mr D C Parakh, Dr Parag Gogate, Dr Sanjay Mahajani (Ex-Officio), Mr K Sahasranaman, Mr V K Srivastava, Dr S Ganeshan

Activities:

a) Technical Lectures on:

- 1) 'Reactive Separations using functionalized Polymers' by Prof V G Gaikar, UICT, on 18th October 2007, at D J Sanghvi College of Engg.
 - 2) 'Changing Face of Chemical Engineering: Equilibrium Approach vs Rate approach' by Prof A B Pandit, UICT, on 20th November 2007, at Uhde India Ltd., Vikhroli, Mumbai.
 - 3) 'Real-time Optimization for the Industrial Enterprise' by Prof Lorenz T Biegler, CMU, USA, on 20th December 2007, at UICT, Matunga, Mumbai.
 - 4) 'The Art & Science of Chemical Engineering Practice' by Mr Amod M Sathe, DGM, HOCL, on 16th January 2008, at UICT, Matunga, Mumbai.
 - 5) 'Ultrasonic Intensification of Biomass Conversion to Biogas – from theory to full scale' by Prof Uwe-Neis, Harburg, German, on 14th February 2008, at UICT, Matunga, Mumbai.
 - 6) 'Nanotechnology in Nutraceuticals' by Dr Jayant Deshpande, Omni Health, on 20th March 2008, at UICT, Matunga, Mumbai.
 - 7) 'Research beyond Petroleum: Is coal gasification a done deal?' by Dr Shehzaad Kauchali, at UICT, Matunga, Mumbai.
- b) Dr R B Roy Choudhary Memorial Lecture on 'Chemical Engineers: Yesterday-today-tomorrow' by Mr Sharu Rangnekar on 29th January 2008, at K Venkataramanan Auditorium UICT, Matunga.
- c) **Seminar/Workshop on:**
- 1) 'Aqua 2008' organized by IICHe-MRC on 8-9 March 2008. Key note address was delivered by Dr B Chakravorty.
 - 2) Workshop on 'Chemical Engineering and Economics' was organized jointly by IICHe-Lote Chapter and MRC, on 13th October 2007.
- d) **Students Programmes:**
- 1) 'Synthesis 2007' was organized on the 28th and 29th September 2007 by D J Sanghvi College of Engineering, Andheri.
 - 2) 'Chemergence 2007' was conducted on 2nd and 3rd October 2007 by Thadomal Sahani Engineering College Campur, Bandra.
 - 3) Student Chapter at UICT, Mumbai, organized Prodigy – 2008.
 - 4) Student Chapter at UICT, Mumbai, jointly organized with Paints Technology Association, Rangotsav – 08.
- e) **Factory Visit** was organized to :
- 1) KDL Biotech, Khopoli for MRC members
- f) Outstanding Young Chemical Engineer Contest (OYCE – 08) conducted in March 2008.
- g) Following collaborative programs with IICHeHQ conducted by MRC:

- 1) International Seminar on Coal Gasification organized on 3rd October 2007 at P C Saxena Auditorium in IIT-Bombay.
- 2) A televised panel discussion on the subject: Shared Challenges, Shared Solutions: Calling the Profession to Action in promoting Sustainable Technology, jointly organized with IChemE, UK, on 22nd November 2007.
- 3) AIChE-IChE signing of the Memorandum of Understanding via video conferencing on 9th April 2008.

12.13 Nagpur Regional Centre:

Committee:

Chairman: Dr G K Ghoshal, **Vice-Chairman:** Dr T Chakravorty, **Honorary Regional Secretary:** Dr A N Vaidya, **Honorary Joint Regional Secretary:** Dr Y C Bhattacharyalu, **Honorary Regional Treasurer:** Dr S K Goyel, **Members:** Dr S Devotta, Mr J Mohite, Dr S D Dawande, Mr D C Anjekar, Mr S N Gulhane, Mr T C Parmar, Mr A K Jana, Dr S M Tamhane.

Activities:

a) Seminar:

SEP-CHEM-07 on advanced separation techniques, jointly organized by IChE Nagpur Regional Centre with NEERI, was held on 15th December 2007 at NEERI Auditorium, Nagpur.

12.14 Northern Regional Centre

Committee:

Chairman: Mr Shyam Bang, **Vice-chairman & Treasurer:** Dr A Mukherjee. **Honorary Regional Secretary:** Dr S Basu, **Honorary Joint Regional Secretary:** Dr A K Saroha, **Members:** Mr Jai Uppal, Mr Rajiv Narang, Dr S N Chakravorty, Mr Ajay Sharma, Mr Ashish Gupta, Prof S S Sambhi, Mr K K Srivastava, Mr J P Kapur

Activities:

a) Lectures on:

- 1) 'Fault lines in Indian Democracy' by Hon'ble Justice J S Verma on the occasion of 14th Lovraj Kumar Memorial Lecture jointly organized by Lovraj Kumar Memorial Trust in association with IICHe-NRC, on 27th August 2007.
- 2) 'Strategic Armament System – The role of Chemical Engineering' by Dr K V Raghavan, Chairman, RAC, DRDO.
- 3) 'Role of Process aids in Canadian Oil Sands Processing' by Prof Jacob H Masliyah, Dept of Chemicals & Materials Engineering, University of Alberta, Canada.

b) Workshops/Conferences:

- 1) Two-day National Conference on "Surfactants: Recent Developments and Applications" on 10-11, August 2007.

- 2) One-day Conference on "Composite & Engineering Polymers – New opportunity for Chemical Engineers", on 5th October 2007.
- 3) Two-day 10th National Workshop 2007 on "Gasification of Petroleum Residues and Coal", on 15-16 November 2007. It was jointly organized by Lovraj Kumar Memorial Trust in association with IChE-NRC, ONGC, Petrotech.
- 4) One-day workshop on "Safe Handling of Chlorine" on 11th April 2008.

c) **Library:**

New books worth Rs 1,36,570/- were purchased for the library. Lovraj Kumar Memorial Trust donated books worth Rs. 1,22,258/-. Collection of books by NRC worth Rs.14,312/-.

d) **Publications:**

- 1) Updated list of NRC members - 'A Members Directory (revised)'.
- 2) Proceedings of 14th Lovraj Kumar Memorial Lecture in association with IChE-NRC on "Fault Lines in Indian Democracy".
- 3) Proceedings of 10th National Workshop 2007 on "Gasification of Petroleum Residues and Coal" (Compendium & Technical Papers).
- 4) Proceedings of workshop on "Safe Handling of Chlorine".

e) **Scholarship:**

IChE-NRC Golden Merit-cum-mean scholarship of Rs.12,000/- each were given to 7 students pursuing Bachelors degree in CRS, Mumbai; IIT, Delhi and GGSIP University, Delhi.

f) **Get-together:**

Two get-togethers were organized during 2006-07 on the occasions of AGM on 11th August 2007 and Foundation Day Celebrations of NRC on 12th January 2008.

g) **Paper published in Indian Chemical Engineer:**

- 1) A Verma, A Sharma and S Basu – Electro-oxidation Study of Methanol and Ethanol in Alkaline Fuel Cell (ICE, Vol.49, No.4, 00.330-340, 2007)
- 2) Sanjay Patel and K K Pant – Effect of Preparation Conditions on Characteristics and Activity of Cu/ZnO/CeO₂/Al₂O₃ Catalysts for Oxidative Steam Reforming of Methanol (ICE, Vol.49, No.4, pp.351-361, 2007)
- 3) Abhiney Srivastava, Ajit Smile and S K Gupta – Effect of Module Dimensions and Number of Stages on the Recovery of Spiral Wound Pervaporation Modules (ICE, Vol.49, No.4, pp. 392-412, 2007)
- 4) R N Maiti, R Khanna and K D P Nigam – Pinning Effect of Saturated Pores on Liquid Spreading (ICE, Vol.49, No.4, pp. 413-420, 2007)

- 5) R A Mashelkar – Chemical Engineering in the 21st Century: Some Perspectives (ICE. Vol.49 No.4, pp. 423-429, 2007)
- 6) T K Roy – Sixty Years of Hydrometallurgy: Still an Exciting Area of Research (ICE, Vol.49, No.4, pp.443-450, 2007)
- 7) Siddhartha Mukherjee – Debottlenecking of Distillation Column for Capacity Augmentation (ICE, Vol.49, No.4, pp. 514-525, 2007)

12.15 Pune Regional Centre:

Committee:

Chairman: Dr J K Dattagupta, **Vice-Chairman:** Mr S H Vaidya, **Honorary Regional Secretary:** Mr N R Gadre, **Honorary Joint Regional Secretary:** Dr C V Rode, **Honorary Regional Treasurer:** Mr K K Lonkar, **Honorary Joint Regional Treasurer:** Mr H S Pinge, **Members:** Dr V M Bhandari, Mr M V Deshmane, Mr K V Deshpande, Mr P M Deshpande, Prof P M Deshpande, Mr H G Joglekar, Mr S A Khapre, Mr S T Kombade, Mr P S Kulkarni, Mr P B Patil, Mr M M Talathi, Mr S D Yadnik

Activities:

a) **Lectures on:**

- 1) 'HAZOP – a Process Risk Assessment Technique', by Mr Prakash Patil on 11th July 2007 at The Institution of Engineers (India), Shivajinagar, Pune.
- 2) 'Advanced in Bioprocess Engineering', by Mr Narendra Gadre on 13th September 2007 at Pravara Rural Engineering College, Loni.
- 3) 'Bridging Polymer Dynamics & Polymer Processing', by Dr Ashish Lele, Scientist, NCL, Pune, on 7th December 2007 at the Institution of Engineers (India), Shivajinagar, Pune.

b) **Website:**

Pune Regional Centre has launched its website <http://iicheprc.googlepages.com> .

c) **Student Chapter:**

PRC was instrumental in the opening of a new Student Chapter of IChE at Pravara Rural Engineering College, Pravaranagar. The Student Chapter was inaugurated on 13th September 2007 by Mr Narendra Gadre, Honorary Regional Secretary, PRC, IChE.

12.16 Rourkela Regional Centre

Committee:

Chairman: Mr D R Pattanaik, **Vice-Chairman:** Dr (Mrs.) G Sunanda, **Honorary Regional Secretary:** Dr (Mrs) Abanti Sahoo, **Honorary Joint Regional Secretary:** Mr Siddharth Acharya, **Honorary Regional Treasurer:** Dr S Paria, **Members:** Dr K C Biswal, Dr M K Mishra, Dr P Rath, Dr B N Das, Mr S C padhi, Mr

Sardul Singh, Mr F C Sahoo, Dr R K Singh, Prof S C Naik, Prof G K Roy, Mr F C Mohanty

Trivandrum, on 3rd November 2007, at Hotel Horizon, Trivandrum.

Activities:

a) Technical Lectures on:

- 1) 'ABC of Management guide lines in Process Industries' by Mr H N Sarath Chandra, Head-Purchase, Advinus Therapeutich Pvt. Ltd., Bangalore, on 25.07.2007.
- 2) 'Fundamental on Pinch Technology' by Prof Bikash Mohanty, Chemical Engineering Dept, IIT-Roorkee, on 26.07.2007.
- 3) 'Green Technology' by Prof A V Patwardhan, Chem Engg Dept, IIT-Kharagpur, on 30th September 2007.
- 4) 'Fundamentals of Control System' by Prof M Chidambaram, Director, NIT, Trichy, on 10th October 2007.

b) Workshop:

A One-day workshop was organized on the topic, 'Impact of the Growth of Sponge Iron and Chemical Industries in the Recent Past: Rourkela and its neighbourhood – A Case Study', on 2nd December 2007.

c) Technical Lecture and Essay Competition by Students:

- 1) Technical Lecture on the topic 'Chemical Engineering in the Service of Society', by the degree level students of Rourkela, on 25th August 2007.
- 2) Essay Competition on the topic 'Chemical Engineering in the 21st Century', by the Graduate and PG level Science/Chem Engg/Bio Tech Students of Orissa, on 30th September 2007.

12.17 Trivandrum Regional Centre

Committee:

Chairman: Mr S Alwan, **Vice-Chairman:** Mr V Chandrasekharan, **Honorary Regional Secretary:** Mr A M Nallaperumal, **Honorary Joint Regional Secretary:** Mr V Binuraj, **Honorary Regional Treasurer:** Ms V M Lakshmi, **Members:** Mr Shaneeth M, Dr S N Jyothi, Mr P Rajendraprasad, Mr Ajith Haridas, Mr S Venugopal, Dr K B Radhakrishnan, Mr Ratheesh S, Mr G Chandrasekharan, Mr P Sojan, Mr K S Sastri, Mr A J Raghavan, Mr K A L Narayanaswamy, Dr Rm Muthiah, Prof K Sankaran, Mr Lekshmidasan

Activities:

a) Technical Lectures on:

- 1) 'Metal Hydrides – Future source of Energy' by Mr Intiaz Ali Khan & Ganesh P, RPP/VSSC,

Trivandrum, on 3rd November 2007, at Hotel Horizon, Trivandrum.

- 2) 'Life Support Systems for Manned Mission' by Mr Bhatt Tushar Shriram, PED/VSSC, 3rd November 2007, at Hotel Horizon, Trivandrum.

- 3) 'Leadership in Changing Global Scenario' by Mr Niketh Sundar, Head, Global-HR, Technopark on 1st March 2008 at Hotel Mascot, Trivandrum.

- 4) 'China clay in every day life' by Mr P Raghavan, NIIST, on 28th June 2008 at Hotel Maurya Rajadhani, Trivandrum.

b) Seminar:

A Seminar on "Advanced materials and energy systems" was organized on 10th May 2008 at Hotel Horizon, Trivandrum. Prof R Chidambaram, Director-NIT, Trichy, delivered the keynote address on "Modelling and Simulation – case study approach". Mr S Alwan presented a lecture on "Hydrogen Energy – production and storage".

c) 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, Miss Sheril Mary Mathew.

- d) Mr A K Mukhopadhyay, Dr Rm Muthiah, Mr S Alwan, Dr V V Karunakaran and Mr R Dorairaj, Senior Members, Trivandrum Regional Centre, were felicitated on their 60th birth year.

- e) Dr Rm Muthaiah, Senior Member and Past Vice President, IChE, was selected for Dalmia-Hemsi Award for the year 2007 for his outstanding work in the field of solid propellant development.

- f) The family get-together was organized at Hotel Horizon, Trivandrum, on 10th May 2008.

13.0 Beyond 2007-08

1) 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. It was decided to appoint an R&D Director. Job specification for the post of R&D Director had been inserted in the Institute's web site and had been published in January-March 2008 issue of Indian Chemical Engineer.

2) Winding up Veraval & Surat Regional Centre

In the Fourth Meeting for 2008 held at Bharuch, 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.

3) Publication

The Council decided 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.

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

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

Committees for the year 2008

Admission Committee	Dr T Kannadasan (Convener), Prof A K Mitra (Chairman), Prof S Gopala Krishna, Prof M Velan, Prof T Viruthagiri, Dr Jayant M Modak
Publication Committee	Prof S S Bandyopadhyay (Convener), Mr Kalyan K Basu (Chairman), Prof J S N Murthy, Prof Sunando Dasgupta, Prof S Bhattacharjee, Prof Pinaki Bhattacharya, Prof V K Rattan, Prof T Viruthagiri
Education & Examination Committee	Dr V V Basava Rao (Convener), Prof Ch V R Murthy (Chairman), Mr A K Saxena, Prof V K Rattan, Prof S S Sridharan, Prof V K Srivastava, Prof R K Saha
Finance Committee	Mr Smarajit Das (Convener), Mr Sushil Kumar (Chairman), Dr A K De, Mr Dipak Dutta, Mr Shyam Bang, Mr G V Sethuraman
Regional Centre Affairs Committee	Mr Sushil Kumar (Convener), Mr G V Sethuraman (Chairman), Prof A K Mitra, Prof P De, Mr N M Surana, Dr T Kannadasan, Mr Kalyan K Basu
Awards/Judges Committee	Dr Basab Chaudhuri (Convener), Dr S Ganeshan (Chairman), Dr P G Rao, Mr D P Misra, Prof G D Yadav, Prof V K Srivastava, Dr Rm Muthiah
Building Committee	Dr Basab Chaudhuri (Convener), Prof B N Srimani (Chairman), Prof A K Mitra, Mr Smrajit Das, Prof P Sen Gupta, Prof B K Dutta, Mr T L Prasad
R & D Committee	Dr Basab Chaudhuri (Convener), Prof S Bhattacharjee (Chairman), Dr Shampa Chakrabarti, Prof S S Bandyopadhyay, Prof V K Srivastava, Mr S Ghosh, Mr K Venkataramanan
International Relations Committee	Dr Rm Muthiah (Convener), Mr K Venkataramanan (Chairman), Prof G D Yadav, Mr D P Misra, Prof Ch V R Murthy
Library & Documentation Centre/Information Committee	Mr Smrajit Das (Convener), Prof S S Bandyopadhyay (Chairman), Prof B R Maiti, Prof M K Jha, Mr Habibulla, Prof S Bhattacharjee
Student Chapter Affairs Committee	Prof V K Rattan (Convener), Mr P K Saxena (Chairman), Mr A K Sahni, Mr Nitin N Patel, Prof T Viruthagiri, Dr Seema Kapoor, Dr M K Jha
Honorary Fellowship Committee	Dr Basab Chaudhuri (Convener), Dr S Ganeshan (Chairman), Prof G K Roy, Mr Sushil Kumar, Prof N Subrahmanyam, Prof G D Yadav
Chemcon Distinguished Committee	Dr Basab Chaudhuri (Convener), Dr S Ganeshan (Chairman), Prof S Venkateshwar, Prof V K Rattan, Chairman – International Relations, Chairman – NOC 2008, Chairman – LOC 2008
Legal Committee	Dr Basab Chaudhuri (Convener), Mr P R Datta Ray (Chairman), Mr D M Butala, Mr A Sural, Prof A K Mitra
Headquarters Office Administrative Committee	Dr Basab Chaudhuri (Convener), Mr Smarajit Das (Chairman), Dr Rm Muthiah, Prof S S Bandyopadhyay, Prof G K Roy
Website Committee	Mr Dipankar Chakrabarti (Convener), Prof S Bhattacharjee (Chairman), Mr Sandip Ghosh, Dr V V Basava Rao, Mr Avinash Sankholkar, Mr C P Ramulu
Chemical Process Safety Group	Dr S K Das (Convener), Mr Smrajit Das (Chairman), Mr Sushil Kumar, Mr D M Butala, Mr N M Surana, Mr K Venkataramanan, Dr M G V Chalapathi Rao
Chemcon Protocol Committee	Prof V K Rattan (Convener), Prof S K Sharma (Chairman), Prof R C Katyal, Dr V K Koul, Dr Basab Chaudhuri, Prof A K Mitra
Industry Institute Interaction Committee	Mr Habibulla (Convener), Mr D M Butala (Chairman), Mr P D Samudra, Mr A Bhasker Reddy, Mr Mukesh Rohatgi, Mr N M Surana, Prof T Viruthagiri

**List of Corporate Members present in
Sixtieth Annual General Meeting, IICHe – 2007**

Dipak Dutta	Manas Das	Nitai Basak
Basudeb Barman	Amitava Bandyopadhyay	C P Ramulu
N Subrahmanyam	Tapan Kr Ghosh	M G V Chalapathi Rao
D M Butala	V K Srivastava	R Arun Chandran
V V Basava Rao	M K Jha	D Gaul
G K Roy	V K Srivastava	T R Das
T Kannadasan	V K Koul	T L Prasad
Ch V R Murthy	M Habibulla	Mahua Ghosh
M Thirumarimurugan	P Sen Gupta	Deepak Srivastava
Bhaskar Ch Das	G D Yadav	Basab Chaudhuri
Dipankar Chaudhuri	A K Mitra	B K Dutta
Nitosh Kr Brahma	Kalyan K Basu	S Basu
B N Srimani	S K Das	N Rama Rao
T Viruthagiri	S Das	Parag Gogate
S V Satyanarayana	K Venkataramanan	H Shrihari
K Anand Rao	G V Sethuraman	Priyabrata Pal
N M Surana	Avinash Sankholkar	P Sarkar
D Chakraborty	V K Rattan	U P Ganguly
R K Gangopadhyay	D P Misra	S Venkateshwar
Sunil Baran Das	Z H Khan	D Das
P K Sengupta	Gaurav Rattan	Sushil Kumar
C R Lahiri	J N Master	Brijesh Chandra Gautam
D Ghosh	Praveen Saxena	
Ritu Gupta	S Ganeshan	
R K Saha	D M Reddy	
P De	A L V Kumar Reddy	
M N Biswas	M Ranga Rao	
B R Maiti	M Venkateswara Rao	
S S Pal	Ashwini Sood	