

Annual Report

2006-2007



Indian Institute of Chemical Engineers

Indian Institute of Chemical Engineers Kolkata – 700 032

Annual Report for 2006-2007

1.0 Introduction

The report covers the major activities of the Institute during the period 1 April 2006 to 31 March 2007.

2.0 59th Annual Session and CHEMCON 2006

The 59th Annual Session of Indian Institute of Chemical engineers and the Indian Chemical Engineering Congress (Chemcon) 2006 was held during 27-30 December 2006 at GNFC Township, Narmadanagar, Bharuch, Gujarat, organized by the Ankleshwar Regional Centre and supported by the Regional Centres and Chemical Engineering Institutes of Gujarat. The central theme of this Chemcon was 'Application of Emerging Technologies to build New Generation Chemical Plants'.

The Congress was inaugurated by Shri Subir Raha, President, All India Management Association and Former CMD, ONGC Ltd after Shri Balwant Singh, MD, GNFC and Chairman of the Local Organising Committee welcome the delegates and Padma Vibhushan Prof M M Sharma, Chairman of the National Organising Committee delivered his opening address. The Presidential Address was delivered by Prof S Venkateshwar on 'Future Prospects of Indian Chemical Industry' dealing with various issues concerning the growth of Indian Chemical Industry, the major initiatives required to propel a higher growth rate and the role of the chemical engineers in pursuing these initiatives.

Award Presentation

The IChE Awards for 2006 were presented on 27 December 2006 during the inaugural programme. A list of the awards and awardees is presented in Section 8. Padmabhushan Dr R A Mashelkar, former Director General of Council of Scientific and Industrial Research, was conferred the Dr B P Godrej Life Time Achievement Award for his exemplary contributions to chemical engineering research in the country.

Memorial Lectures

The most prestigious lecture of the congress, **Dr H L Roy Memorial Lecture sponsored by Jacobs H&G**, was delivered by Dr Desh Bandhu Gupta, Chairman, Lupin Ltd, on 'Exciting Opportunities for the Indian Pharmaceutical Industry'. Describing the various features of the Indian Pharmaceutical Industry, Dr Gupta observed that India has advantages almost throughout the value chain. He concluded that it is not quite far when Indian companies would reach the billion-dollar mark and, in some cases, come up with their own molecules.

Kvaerner Powergas India's Professor N R Kamath Memorial Lecture was delivered by Dr Srikumar Banerjee, Director, Bhabha Atomic Research Centre on 'Energy Conversion Technologies

for High Temperature Nuclear Reactors'. He discussed the various options of thermochemical and electrolytic methods for nuclear hydrogen production from the point of view of thermodynamic exergy and energy efficiencies and presented the technological challenges in developing energy efficient processes for nuclear hydrogen production from the Indian High Temperature Reactor (IHTR).

Inventaa C K Murthy Memorial Lecture was delivered by Prof K Nandakumar of the Department of Chemical & Materials Engineering, University of Alberta, Canada, on 'CFD Modeling of Hydraulics and Mass Transfer in Packed Columns'. Prof Nandakumar presented recent results on modeling the hydraulics and mass transfer in random and structured packed columns from two distinctly different approaches – one based on computational fluid dynamics wherein volume averaged equations for gas-liquid flow in a packed column are used and the other one simulating the random and structured packing of complex shaped packing elements in a container using collision detection algorithms.

CDS Lectures

A total of 14 Chemcon Distinguished Speakers (CDS) lectures were delivered during the 4-day event as listed in Section 8.

Technical Sessions

One thousand technical papers were received out of which 275 were read out in oral presentations (in 9 parallel sessions) and 160 were presented in poster sessions. 30 papers were presented in Indo-Canadian Joint Symposium on 'Energy for Tomorrow' and 5 papers were presented in Indo-German Joint Symposium on 'Environment'. Arrangement of 9 parallel sessions was necessary to accommodate the large number of accepted papers with participation of many young engineers.

Job Mela

Total 337 students from all over India submitted their CV for written test. Out of them, 16 were selected for appointment and 59 were shortlisted for detailed interview by 10 organisations. The entire process was conducted at SVMIT College of Engineering in Bharuch by a dedicated team from the college and the IChE- Ankleshwar Regional Centre.

Exhibition

A technical exhibition was jointly organized by IChE Ankleshwar Regional Centre and Rotary Club of Ankleshwar. There were 110 stalls in total with exhibitors from diverse fields like Chemicals and Process Equipment, Instrumentation, Electrical and Information Technology, Engineering, Safety and Environment, etc. Corporate houses that put up stalls included GNFC, GSFC, GACL, UPL, etc.

3.0 59th Annual General Meeting

The fifty-ninth Annual General Meeting (AGM) of the Institute was held on 27 December 2006 at the Badminton Hall, Sports

and Recreation Club, GNFC Township, Narmadanagar, Bharuch. Prof S Venkateshwar, President of the Institute, chaired the meeting that was attended by 83 corporate members. Before commencement of the proceedings, the members stood in silence as a mark of respect to the following members and former employees who expired during the period: Dr Dasarathi Banerjee (HF 09230), Dr D S Trivedi (M 10568), Mr R C Bhatt (LM 00067), Prof C Venkata Rao (LM 01519), Dr V M I Nambissan (LM 03456), Mr E H Nayak (LM 03237) and Mr B B Das (Retired Manager – Administration, IChE).

The minutes of the 58th (Fifty-eighth) Annual General Meeting held on 15th December 2005 at 18:00 hours at Convocation Hall, New Delhi as circulated on 2nd November 2006 by Dr S K Das, Honorary Secretary, were confirmed, as proposed by Prof P De and seconded by Prof T R Das and Mr V K Srivastava.

Dr S K Das, Honorary Secretary read out from the Annual Report of the Institute for 2005-06, as circulated amongst the members, and apprised the members of various activities carried out during the year under report. The meeting, after deliberations, adopted the Annual Report of the Institute unanimously, as proposed by Prof N Subrahmanyam and seconded by Prof G D Yadav.

Prof B R Maiti, Honorary Treasurer presented to the Members, the salient features of the Consolidated Annual Accounts of IChE for 2005-06, circulated amongst them. After deliberations the meeting adopted the consolidated Annual Accounts of the Institute unanimously, as proposed by Mr Sunil Kapadia and seconded by Mr Sushil Kumar and Dr Rm Muthiah.

Mr A Sural, Executive Secretary, reported that Kalpakkam, Nadiad, Sindri and Surat Regional Centres did not submit their Annual Accounts for the year 2005-06 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 fails to take positive action by 31st March 2007, the Council shall take suitable action to stop any financial transaction by the concerned defaulting Regional Centre and transfer its 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. The General Body authorized the Council to take suitable action and settle the issue within 31st March 2007.

The meeting resolved to reappoint M/s B C Kundu & Co., Chartered Accountants, Faraday House, P-17, Mission Row Extn., Kolkata-700013 as Auditors of the Institute for the Financial year 2006-2007 for (a) Auditing of IChE Headquarters Accounts and Consolidated Accounts of IChE (b) Advice on Income Tax and other tax related matters.

Dr S K Das, Honorary Secretary announced the names of the newly elected Council members for 2007.

4.0 Council Meeting Highlights

The Council had the following meetings between 1 April 2005 and 31 March 2006.

4.1 3rd meeting for 2006, held at Dahej, Bharuch on 22 April 2006

Consolidation of IChE Accounts

The Council had decided, in the previous meeting, that Annamalai, Bhavnagar, Damanjodi, Goa, Jamnagar, Lote Parasuram, Malwa, Raipur Bhillai, Sindri, Varanasi, Veraval and Tuticorin Regional Centres should be declared as closed w.e.f 1 April 2006 if they fail to submit their Audited Annual Accounts for the financial year 2004-05 to IChE HQ by 31 March 2006. The decision was communicated to all regular members of the Regional Centres whose current addresses were available with IChE HQ.

Subsequently, communications were received from Annamalai, Damanjodi, Lote Parasuram, Sindri, Varanasi and Veraval Regional Centres. Dr Rm Muthiah offered to take the responsibility of reviving Tuticorin Regional Centre and requested the Council to allow him time for the same till end June 2006. Considering the communications received and the offer from Dr Rm Muthiah, the Council decided that :

- a) Annamalai, Damanjodi, Lote Parasuram and Sindri Regional Centres would continue to function beyond 1st April 2006.
- b) Bhavnagar, Goa, Jamnagar, Malwa, Raipur-Bhillai, Varanasi and Veraval Regional Centres would be closed w.e.f 1st April 2006. The funds and other movable assets of these Regional Centres should be transferred to IChE HQ immediately by the present custodians. These funds and assets would be kept in separate accounts by IChE HQ and should be transferred back to any of these Regional Centres, which revives its activities within a year to the satisfaction of the Council.
- c) The status of Tuticorin Regional Centre would be decided after 30th June 2006.

CHEMCON 2010

The Council noted the appeal received from Mr Shaneeth M, Honorary Secretary of Trivandurm Regional Centre for conducting Chemcon 2010 at Thiruvananthapuram. As it is too early to decide about Chemcon 2010, the Council left it for a decision to be taken at an appropriate time.

Membership

The Council elected Shri S C Hiremath, Chairman & Chief Executive, Heavy Water Board as Honorary Fellow of the Institute.

Reimbursement of traveling expenditures for attending Council Meetings

The Council noted that a few Council Members attending all the Council meetings are not able to manage their traveling

expenditures within the existing annual ceiling of Rs 12,000/-. While it was not possible to increase this ceiling due to inadequacy of available resources, the members requested the Honorary Treasurer to look into the possibility of allowing excess expenditure for those Council members who attend all the Council meetings considering the fact that many of the members are not claiming reimbursement this year. However such relaxation will be applicable for this calendar year only and the reimbursement will be limited to either the actual class of travel or 2nd class AC railway fare, whichever is lower.

Fund raising Committee

The Council considered the resource constraint being faced by IChE Headquarter in carrying out its activities as reflected in the budget estimates prepared by the Honorary Treasurer and formed the following Fund raising Committee for mobilization of fund for IChE Headquarters activities.

Chairman :	Mr K Venkataramanan
Convener :	Mr G V Sethuraman
Member :	Mr Kalyan K Basu
Member :	Mr Sushil Kumar

Examination

The Council noted that Associate Membership Examination (Parts I & II) was conducted at Bhopal for the first time in March 2006 by deputing Centre Superintendent and Invigilators from Kolkata. Although the arrangements at Bhopal were good, it may not be possible to send Centre Superintendent and Invigilators from Kolkata time and again. Centre Superintendent and Invigilators are to be arranged locally.

Publication

The Council considered an email from Prof B K Dutta, Immediate Past President, regarding issue of hard copies of ICE Indian Chemical Engineer (ICE), the quarterly journal published by IChE, to senior members free of cost and decided that hard copies of ICE would be made available to senior members (above 65 years of age) free of cost on their request.

Engineering Council of India

The Council noted with concern, the controversy between the Engineering Council of India and the Institution of Engineers (India) and the resultant developments. The Council constituted the following committee to recommend the steps that should be taken by the Institute on this issue.

Chairman :	Mr D P Misra, Past President
Convener :	Dr S Ganeshan, Council Member
Members :	Prof G D Yadav, Past President Mr K Sahasranaman, Vice President Prof S K Sharma, Past President

4.2 4th meeting for 2006, held in Mumbai on 1st July 2006

Consolidation of IChE Accounts

The Council had decided, in the previous meeting, that Bhavnagar, Goa, Jamnagar, Malwa, Raipur-Bhilai, Varanasi and Veraval Regional Centres would be closed wef 1st April 2006. The decision was communicated to all regular members of the Regional Centres whose current addresses were available with IChE HQ.

Subsequently, Mr D K Srivastava, Honorary Secretary of erstwhile Veraval Regional Centre, IChE (VRC) had requested, through his email dated 13th June 2006, to reconsider the decision to close VRC and allow the Regional Centre to continue to function. Mr Srivastava had also sent an e-mail describing the activities of the Regional Centre. Considering the communication received from Mr Srivastava, the Council decided to allow Veraval Regional Centre to continue to function and to review the situation after one year.

Dr Rm Muthiah had offered, during the 3rd meeting of the Council held on 22nd April 2006, to take the responsibility of reviving Tuticorin Regional Centre and requested to allow him time for the same till end June 2006. As no development in this regard was reported by Dr Rm Muthiah, the Council decided to close Tuticorin Regional Centre wef 30th June, 2006.

CHEMCON-2006

Mr A K Sahni reported about the progress of the activities for organization of Chemcon 2006 and presented a tentative schedule of events to be held during Chemcon.

- The first meeting of the National Organising Committee was held on 24th April 2006 in Mumbai, which was attended by 17 members.
- Reliance Industries Ltd (RIL) has given its consent to be a patron of Chemcon 2006 and also for celebration of 28th December 2006 as Dhirubhai Ambani commemoration day. RIL has also agreed to undertake event management for all the four days and to help in tie up for international reputed speakers on IGCC, energy, Technology etc.
- The organizers expect around 1200 delegates.
 - Apart from the usual Memorial lectures, Plenary lectures, parallel Technical sessions, Poster sessions, Cultural programmes in the evening, Spouse' programmes, etc the programme will include Technical exhibition and Job mela.
- Joint symposium on "Energy for tomorrow" with Canadian society for chemical Engineers will be accommodated on the second afternoon and the third day.
- About 360 abstracts have been received for technical session presentation.
- Accommodation shall be managed by booking hotels, Guest Houses of various supportive industries, vacant houses within industrial townships in Bharuch, personal hospitality, etc.

The event is well supported by Ahmedabad, Baroda and Surat Regional centers and eight academic institutions between Ahmedabad and Surat.

C K Murthy Memorial Lecture

The Council was happy to note that Mr C Satyanarayana, Managing Director, Inventaa Chemicals Ltd, Hyderabad had confirmed their willingness to donate Rs. 5.0 lakh towards endowment of C K Murthy Memorial Lecture through his e-mail dated 30th June 2006. A draft MOU between Inventaa and IChE had been sent to Mr Satyanarayana for further action.

The sponsorship will be made effective from Chemcon 2006 subject to receipt of Inventaa's contribution by that time and the lecture will then be renamed as Inventaa C K Murthy Memorial Lecture. The interest to be accrued on the endowment during the financial years 2006-07 and 2007-08 will be equally shared to determine the honorarium of the speakers for the years 2006 and 2007.

Endowment for Student activities

The Council noted with pleasure that Mr Anantha Chary, Chairman & Managing Director, Chary Group of Industries, Hyderabad has donated Rs. 2 lakh in memory of his father the late M P Chary who was an industrialist, to the IChE Endowment for the activities of SCHEMCON and Student Chapter activities.

Membership

The Council elected the following applicants as Fellow of the Institute.

- a) Prof S Vigneswaran, University of Technology, Sydney, Australia (He is not a member of the Institute).
- b) Prof S N Mukhopadhyay (LM 19819), Dept of Biochemical Engineering & Biotechnology, IIT, Delhi.

The Council further decided that nobody could be admitted to Fellowship directly without prior membership of IChE. While considering the applications for Fellowship, the applicant's contribution to the growth of IChE would also be considered.

Voting rights of persons paying life membership fees in installments

The Council reiterated its earlier decision that persons paying life membership fees in installments should be considered as members of the Institute only after full payment of life membership fees and their voting right should be decided accordingly.

Examination

The Council decided to recognize a pass in the Graduateship Examination of Indian Institution of Industrial Engineers, Bombay at par with a Bachelor's Degree in Industrial Engineering from a recognized Indian University for the purpose of registration for Associate Membership Examination.

The Council approved the recommendations of the Education & Examination Committee made at its meeting held on 2nd May

2006 including discontinuation of examination centre at Thrissur, Kerala as the same is unviable.

Regional Centre Affairs

Honorary Secretary of Calcutta Regional Centre (CRC) has informed that they had invited nominations for election to their Executive Committee for 2006-07 as per rules applicable before the amendment effected last year. Nominations specific for the posts of Chairman, Vice-Chairman, Honorary Regional Secretary, etc., were invited and received. When these were forwarded to the Returning Officer (Mr. A. Sural, Executive Secretary, IChE) he pointed out that the invitation of nominations was not in accordance with the rules amended last year. The matter was placed before the AGM of CRC, held on June 24, 2006. The members present at the AGM opined that members whose nominations were received be declared as "Members" of the Executive Committee (2006-07) of CRC and the matter be referred to the Council for ratification. The AGM was then adjourned. Honorary Secretary, CRC, has requested the Council to kindly ratify the recommendation of the AGM of the CRC. On getting nod from the Council, the AGM would formally announce the names of the members elected to the Executive Committee of the CRC for 2006 -07.

The Council ratified the recommendation of the AGM of the CRC in respect of election to the Executive Committee of the CRC for 2006 -07.

Research & Development Committee

The Council approved the decision taken by the Committee to interview applicants from three colleges of Kolkata on 13th May 2006 at the IChE HQ, Kolkata and to select 7 B Tech students, out of the applicants, for working in R&D Projects of the Institute during winter and summer vacations.

Manpower Planning Committee

The Council noted the recommendations of the Manpower Planning Committee made during its meetings held on 20th May, 3rd June and 17th June 2006 in Kolkata respectively and appreciated the work done by the Committee in preparing an excellent comprehensive report.

It approved the recommendations of the Committee except that the Assistant Secretary (Finance & Coordination) should either be recruited on part time basis or his responsibilities should be outsourced to a suitable agency. The Council authorized the Honorary Secretary to take further action for implementation of Committee's recommendations and Council's decision in this respect.

4.3 5th meeting for 2006, held at Anantapur on 16th September 2006

CHEMCON-2005

The Council was happy to note that IChE Headquarters has received the Audited statement of Accounts of Chemcon 2005 and the contribution of Rs 3.0 lakh out of surplus from Chemcon

2005 from Northern Regional Centre, IChE. The members appreciated the good work done by Organizing Committee of Chemcon 2005.

CHEMCON-2007

The Council noted that Calcutta Regional Centre (CRC) has decided to organize joint programme with IChemE during Chemcon 2007 as informed by the Honorary Secretary, CRC.

SCHEMCON-2006

Schemcon 2006 was held at Jawaharlal Nehru Technological University College of Engineering, Anantapur from 15th to 16th September 2006 on the theme "Intensifying Indigenous Technology in an Era of Globalization". The members appreciated the excellent work done by the Organising Committee.

SCHEMCON-2007

The Council noted that the Student Chapter at Chemical Engineering Department of Annalmai University is interested to organise Schemcon 2007 at their place and agreed to the same, subject to the completion of the required formalities.

SCHEMCON-2008

The Council considered the Bid Form received from Dr Apurba Dey, NIT Jalandhar for organizing Schemcon 2008 and decided that the Schemcon be organized by the Student Chapter at NIT, Jalandhar.

Recruitment of Assistant Secretaries

The Council noted that the Selection Committees for recruitment of Assistant Secretaries met on 9th September 2006 and interviewed the short listed candidates. The following candidates were selected on the basis of the performance of the candidates during the interview and their credentials:

Assistant Secretary (Research & Professional Development) –
Mr Sandip Ghosh – to be offered
Mr Partha Sarathi Das – waitlisted

Assistant Secretary (Finance & Coordination) –
Mr Sandip Gupta – to be offered
Mr Arunava Choudhury – waitlisted

The Council approved the recommendations of the Selection Committee and advised the Honorary Secretary to take further action.

Gouri Dutta Award for Best Paper Presented in SCHEMCON

The Council considered a proposal from Prof B K Dutta, Immediate Past President, for institution of an Award named after his deceased mother as 'Gouri Dutta Award for Best Paper Presented in SCHEMCON (year)'. A similar award for lady students exists and the proposed award will consider only the male students. Prof Dutta has proposed to donate Rs 50,000/ towards endowment for the award and Rs 3,000/- for the award for 2006. The Council accepted the proposal and decided that the award will carry a Silver plated Medal and a certificate.

Organizational Members

The Council approved the admission of M/s. Bentley Systems India Pvt Ltd, New Delhi as a Life Organizational Member of the Institute.

Termination of Membership

Prof P Ravichandran, Co-ordinator, IChE Student Chapter, St Joseph's College of Engineering had requested for termination of membership of 42 student members because they have left the Institution. The Council accepted that the names of these student members might be deleted from the mailing list of the members but might be retained in the Register of the Institute as Provisional members.

Diamond Jubilee discount on Life Membership

IChE Mumbai Regional Centre will put up a stall in India Chem 2006 Exhibition at Goregaon, Mumbai during 8 to 10 November 2006. Council approved Mr K Sahasranaman's proposal for a 10% discount (Diamond Jubilee Discount) on spot life membership provided the membership forms are collected from the stall and submitted to IChE HQ along with full payment by 31st December 2006.

Reimbursement of Traveling Expenses

Considering the increasing cost of travel, the Council decided that reimbursement of Traveling Expenses of the Council Members for attending Council Meetings would be made at actual Railway Fare or Economy Class Air Fare plus local travel by road subject to a maximum of Rs. 15,000/- per member per annum. The maximum ceiling in case of Honorary Secretary and President would be Rs. 20,000/- per annum each.

Opening of Accounts in Corporation Bank

The Council approved the proposal of opening of accounts with Corporation Bank, a Govt of India Enterprise, considering that our unutilized balance in Saving Bank Account might earn higher interests like Fixed Deposits (maximum 8%) through their Corp Classic SB Account and resolved as follows:

"Resolved that a Savings Account termed as Corpclassic Account be opened with Corporation Bank, 46/3A, Central Road, Jadavpur, Kolkata 700032 and that any two of the following be the signatories to the said account:

1	Prof. S Venkateshwar	President
2	Dr. Sudip Kumar Das	Honorary Secretary
3	Prof. B R Maiti	Honorary Treasurer
4	Mr. Smarajit Das	Member

RESOLVED FURTHER that the said Bank be and is hereby authorized to honour cheques, drafts and other instructions pertaining to the said account whether the same be overdrawn or not and that any funds put in the said account be put in a Fixed Deposit Account for a period of 61 (sixty one) months with the Bank in the name of the Indian Institute of Chemical Engineers after keeping a minimum balance of Rs. 10,000/- in the account.

Examination

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

The Council also decided to close the examination centre at Kharagpur as number of candidates appearing at that centre was considered insufficient.

Web Site

The Council noted that administration of the websites of the Institute and Indian Chemical Engineer has been shifted to IChE HQ. Linkage has been provided to the web sites of the Regional Centres as also Chemcon and Schemcon from IChE website.

Publication

The Council approved the revised draft of MOA with Anamaya Publishers regarding publication of Indian Chemical Engineer by them during October 2006 to September 2008.

Transfer of subvention to Student Chapters

Prof PVR Iyer reported about non-payment of subvention by Chennai Regional Centre to the Student Chapter at Sri Venkateshwara College of Engineering, Sriperumbudur, in spite of repeated follow up by the Student Chapter. The Regional Centre has received the subvention amount from IChE HQ. Dr S K Das also reported about non-payment of subvention by Calcutta Regional Centre to Student Chapters. In this context the Council decided as follows:

“ Student Chapters of Chennai and Calcutta Regional Centres are allowed to correspond directly with the Headquarters in financial and administrative matters. If subvention released previously to the Student Chapters through the Regional Centres are not transferred by the Regional Centres to the Student Chapters, the same will be deducted from the subventions of these Regional Centres and will be sent to the concerned Student Chapters.”

The revival of association of the Student Chapters with Regional Centres will be taken up by the Council only with the written consent from both that they will go together.

Engineering Council of India

Prof S Venkateshwar informed the members about the discussions with Prof S C Naik, President, IE(I). It was decided that IChE would continue to support ECI and also resolved not to send the panel of Examiners for Professional Engineer's Examination as requested by IE(I).

4.4 6th meeting for 2006, held at Bharuch on 26th December 2006

Honorarium for Inventaa C K Murthy Memorial Lecture

Inventaa Chemicals Limited's sponsorship of C K Murthy Memorial Lecture of Rs 5 lakhs had been received and MOU

between Inventaa Chemicals and IChE signed. Based on Council's earlier decision, the lecture has been renamed as Inventaa C K Murthy Memorial Lecture from 2006 and the interest to be accrued on the endowments for the lecture during the financial years 2006-07 and 2007-08 will be equally divided to determine the honorarium of the speakers for the years 2006 and 2007. Based on utilization of 70% of the interest for award expenses, 10% for administrative expenses and 20% for plough back, the honorarium of the speakers for these two years works out to Rs 20,000/- each year. The same for the subsequent years will be Rs 25,000/- each year.

CHEMCON-2007

The Council noted that :

- 1) The Executive Committee of Calcutta Regional Centre has unanimously nominated Dr Basab Chaudhuri as the Organizing Secretary, CHEMCON 2007, to be held in Kolkata during December 27-30, 2007.
- 2) The IChemE, U.K. has expressed its inability to join the IChE in organizing CHEMCON 2007 mainly because the timing of CHEMCON 2007 does not suit the organization. The IChemE, however, is interested to hold joint programmes in future.

CHEMCON-2008

Prof V K Rattan reported that Chandigarh Regional Centre is trying to hold an Indo-Australian Joint Session during the Congress. Mr Shyam Bang informed that IChE-NRC has already talked with AIChE for Joint Session and has requested Chandigarh Regional Centre to follow up with them.

SCHEMCON-2007

Dr T Viruthagiri, Professor & Head of the Department of Chemical Engineering, Annamalai University, has informed about their willingness to organize SCHEMCON 2007 during September/October 2007.

Mr G V Sethuraman and Mr K Venkataramanan proposed that 'Job Mela' might be held during SCHEMCON also. The members agreed to the proposal.

Northern Regional Centre has decided to provide Rs 25,000/- to SCHEMCON each year for Student Awards for Best Paper Presentation. The amount will be remitted by IChE-NRC directly to the SCHEMCON organizers.

Audited Annual Accounts of IChE (2005-06) and payment of Income Tax

Prof B R Maity, Honorary Treasurer, reported that the Audited Annual Accounts were not submitted by four Regional Centres (Kalpakkam, Nadiad, Sindri and Surat) in spite of repeated reminders. The Council decided to take up the matter in the Annual General Meeting of the Institute.

Prof Maity also reported that the Institute's application for renewal of exemption u/s 35 (1) (ii) of IT Act beyond 31st March 2005 is still pending before the concerned authorities and requested for the Council's advice in respect of payment of Income Tax by the

Institute for the financial year 2005-06. The Council decided that the Institute may refrain from paying Income Tax till such time the Institute's application for renewal of exemption u/s 35 (1) (ii) is turned down as this benefit is being extended for about 30 years. The Council also desired that all efforts should be made for obtaining the notification regarding renewal of exemption u/s 35 (1) (ii) as early as possible.

Staff matters

The Council noted that:

- 1) Mr Sandip Ghosh joined the Institute as Assistant Secretary (Research & Professional Development) on 16th November 2007.
- 2) Mr Sandip Gupta joined the Institute as Assistant Secretary (Finance & Coordination) on 10th October 2006 but left the job on 1st December 2006. The Council accepted his letter of resignation dated 15th December 2006. The Council decided that a suitable person should be recruited immediately against the post of Assistant Secretary (Finance & Coordination) on part-time and contract basis. The Council advised the Honorary Secretary to try Mr Bipul Kumar Sarkar, FCA, LLB for the job.

Membership

The Council elected Mr Anil K Arora (M 06550), Director (SP), Ranbaxy Labs Ltd, Punjab as Fellow of the Institute

Financial

In view of consolidation of accounts of IChE, it was decided that instead of monthly accounts of IChE Headquarters, quarterly Consolidated Accounts would be prepared and placed before the Council.

Publication

Indian Chemical Engineer will have a new format from October-December, 2006 issue to be published by Anamaya Publishers, New Delhi. This will be released during CHEMCON 2006.

4.5 1st meeting for 2007, held at Bharuch on 28th December 2006

Election of the President

Mr K Venkataramanan was unanimously elected as the President of the Institute for the year 2007.

Election of two Vice-Presidents

Mr G V Sethuraman and Mr Kalyan K Basu were elected uncontested as the Vice-Presidents of the Institute for the year 2007.

Co-option of Members as provided in Rule 24.1 of the Constitution

The Council co-opted Dr Basab Chaudhury, Organizing Secretary, CHEMCON 2007 (East Zone) and Mr Avinash S Sankholkar (West Zone) as Council Members of the Institute for the year 2007.

Election of Other Office Bearers

The Council unanimously elected Dr S K Das as the Honorary Secretary, Mr N M Surana as the Honorary Joint Secretary, Mr Smarajit Das as the Honorary Treasurer, Prof P V R Iyer as the Honorary Registrar, Dr Suddhasatwa Basu as the Honorary Editor and Prof V K Rattan as the Honorary Controller of Examinations of the Institute for the year 2007.

Publication

The Council agreed to the following proposals of Dr S Basu, Honorary Editor:

- a) Inclusion of three more members in the Editorial Board.
- b) Expenditure by Honorary Editor for purchase of stationeries for publication work up to a maximum of Rs. 10,000/- per year.

4.6 2nd meeting for 2007, held in Mumbai on 9th February 2007

Plans for the Year Ahead

The Council decided to observe 2007 as the Diamond Jubilee Year of the Institute with the 60th anniversary of formation of the Institute falling on 18th May 2007. As suggested by Mr K Venkataramanan, President, the Diamond Jubilee celebrations would begin with an International Conference on "E-Waste Management in India – A Sustainable Solution" in Mumbai on 18th and 19th May, 2007 to be followed by four more seminars at different locations in the country, including one in collaboration with IChemE, UK.

Non-submission of Annual Accounts by Regional

The Honorary Secretary reported that, as discussed and decided in the previous meeting of the Council held on 26th December 2006 as well as in the Annual General Meeting held on 27th December 2006, letters have been issued to all regular members including Executive Committee Members of Kalpakkam, Nadiad, Sindri and Surat Regional Centres whose current addresses are available with Headquarters informing about non-submission of Annual Accounts for the year 2005-06 by the Regional Centres and also that if any of these centres fails to take positive action by 31st March 2007, the Council shall take suitable action to stop any financial transaction by the concerned defaulting Regional Centre and transfer their funds to the Headquarters or to a nearby Regional Centre which will take over the Institute's activities within the jurisdiction of the defaulting Regional Centre.

Mr N M Surana offered to take initiative in respect of Nadiad and Surat Regional Centres and to talk to Executive Committee members of these Regional Centres.

The Council decided that any of the above Regional Centres failing to submit the Annual Audited Accounts for the financial year 2005-06 to IChE HQ by 31st March 2007 would be declared as closed wef 1 April, 2007.

Publications

The Council agreed to the suggestion of Honorary Editor to invite

Prof. G. D. Yadav of UICT, Mumbai and Mr K Sahasranaman of Uhde India to join in the editorial board of ICE.

The Council decided that a special issue of ICE on 'Environment' would be published utilizing the presentation during ENVICON 2007 organised by Damanjodi Regional Centre during 27 and 28 January 2007. Special issues of ICE may be published utilizing presentations in other National Seminars organized by the Institute with prior approval of the Council if these are found suitable for publication on review.

CHEMCONS

Council suggested that one or two parallel sessions of each CHEMCON might be earmarked for felicitating IChE members who are retiring from their jobs in the year of the CHEMCON having dedicated their life for the development of the profession by holding responsible positions in the academia or industry. The session may be organized in the areas of his/her expertise and he/she should be the keynote speakers of the session. The other speakers of the session may be his/her co-workers, colleague and any other chemical engineer who would like to pay their tributes to him/her.

Organising Committees of CHEMCONS of the respective years should take the initiative in this respect and an announcement should be made in the flyer of the CHEMCON towards this end.

Chemcon Distinguished Speaker (CDS) Awards

Council approved the proposal of Dr S Sivaram, Director, National Chemical Laboratory, Pune, through his letter dated 26th December 2006 that the NCL Professor K Venkataraman Chemcon Distinguished Speaker Award be conferred once in two years as it would be difficult for NCL to increase the corpus in the immediate future

Financial

The Council granted permission to the Headquarters to open of a Savings Bank account in Mumbai for organizing a "International Conference on E-Waste Management in India – A Sustainable Solution", to be held on 18-19 May 2007 in Mumbai followed by Diamond Jubilee celebrations of the Institute. Since, the account will have to be operated in Mumbai, it was decided to have two local Council Members as signatories in addition to President and Honorary Secretary. The said account may be closed after the Diamond Jubilee Celebrations and the accumulated fund transferred to Headquarters, Kolkata.

Regional Centre Affairs

Council approved the following suggestions from Mr K K Basu, Vice President of the Institute:

1. Regional Centres should be made into groups of RC's with one, the most active among them, working as the lead center for organizing activities.

2. Programs should be standardized as follows:

Lectures	4-6 per year
Full day Seminar	1-2 per year
Family picnic and or plant visit	1 per year
Foundation day cum annual dinner	1 per year

3. Meeting of all Regional Centres representatives with IChE Council should be increased from 1 to 2 per year.

Vision Statement

It was felt by the Council that the evolution of a Vision Statement for IChE would improve the focusing and energizing of member activities. During the joint session of the MRC EC members with Council members, wherein each round table had a mixed group of 5, a rough initial Draft, was considered with each participant proposing additions and/or deletions were proposed by each participant. These inputs were collected and a revised draft would be prepared by the President and circulated by email among all Council Members and Regional Centres for further deliberation till the final Vision Statement emerges.

2.0 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 S Venkateshwar

4) World Council of Chemical Engineering -

Mr K Venkataraman

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 2006 to 31 March 2007) was 1,223. Of this 1,215 were approved by the Council, all of whom were admitted.

Membership position as on 31 March 2007 is given below along with the corresponding figures as on 31 March 2006 and 31 March 2005:

	31 March 2007	31 March 2006	31 March 2005
Organisational Member (Life)	52	49	48
Organisational Member (Annual)	53	52	48
Honorary Fellow	118	117	116
Fellow (Life)	98	99	100
Fellow	41	41	41
Member (Life)	3740	3580	3444
Member	1508	1423	1399
Life Associate Member	1279	1192	1033
Associate Member	2601	2533	2519
Student Member	4671	3867	2455*

The number of members attached to each of the Regional Centres (as on 31 March 2007) were as follows:

SI. No	Regional Centre	No. of Members
1.	Ahmedabad	255
2.	Ankleshwar	468
3.	Annamalai	94
4.	Bangalore	305
5.	Baroda	463
6.	Bhubaneswar	117
7.	Calcutta	1,038
8.	Chandigarh	220
9.	Chennai	1,119
10.	Coimbatore	193
11.	Damanjodi	89
12.	Doaba	58
13.	Guwahati	193
14.	Hyderabad	1,493
15.	Kalpakkam	119
16.	Kanpur	81
17.	Kharagpur	82
18.	Kochi	508
19.	Lote	135
20.	Mangalore	228
21.	Mumbai	1,597
22.	Nadiad	201
23.	Nagpur	81
24.	Northern	728
25.	Pondicherry	44
26.	Pune	310
27.	Rourkela	66
28.	Sindri	31
29.	Surat	165
30.	Trivandrum	163
31.	Vapi	111
32.	Veraval	96
33.	Waltair	754

The following organizations were admitted as organizational members of the Institute upto 31 March 2007:

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.	Blast Carboblocks Pvt Ltd., Navi Mumbai
7.	Deepak Fertilisers & Petrochemicals Corporation Ltd., Pune
8.	Development Organization for Sustainable Transformation, Chandigarh
9.	Dr Reddy's Laboratories Ltd., Hyderabad
10.	Excel Industries Ltd., Mumbai
11.	Firechem, Faridabad
12.	Golden Chemicals (I) Ltd., Mumbai
13.	Gujarat Alkalies & Chemicals Ltd., Baroda
14.	Haldor Topsoe International A/S, New Delhi
15.	Heavy Water Board, Mumbai
16.	Hercules Speciality Chemicals (India) Pvt. Ltd., Bangalore
17.	Herdillia Chemicals Ltd., Mumbai
18.	Hetero Drugs Ltd., Hyderabad
19.	Hikal Ltd., Talaja, Maharashtra
20.	Hindustan Dorr-Oliver Ltd., Mumbai
21.	Hindustan Latex Ltd., Thiruvananthapuram
22.	Indian Oil Corprn Ltd., Refinery Divn, New Delhi
23.	Jacobs H&G Pvt. Ltd., Mumbai
24.	Kavaerner Powergas India Ltd., Mumbai
25.	Labindia Instruments Pvt. Ltd., Thane
26.	Llyod's Register of Shipping, New Delhi
27.	Mecon Ltd., Ranchi
28.	National Organic Chemicals Industries Ltd., Mumbai
29.	Oil and Natural Gas Corporation Ltd., Dehradun
30.	Pidilite Industries Ltd., Mumbai
31.	RPG Life Sciences Ltd., Mumbai
32.	Sartorius India Pvt. Ltd., Bangalore
33.	Sud-Chemie Inda Ltd. (United Catalyst India Ltd.), Mumbai
34.	Themis Medicare Ltd., Mumbai
35.	Toyo Engineering India Ltd., Mumbai
36.	TUV Suddeutshland Ltd., Mumbai
37.	United Phosphorus Ltd., Ankleshwar, Gujarat
38.	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, 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. Coromondel 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 Divison, 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

7.0 Associated Membership Examination

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

Year	No. of Candidates
1997	2449
1998	2708
1999	2605
2000	2751
2001	2521
2002	2423
2003	1935
2004	1935
2005	1762
2006	1676

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
1997	March	26	23	88.5
	September	21	20	95.2
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

8.0 IICHe Awards 2005

Following is the list of IICHe Awards and their recipients for 2006. The awards were presented at CHEMCON 2006, held during 27

– 30 December 2006 at Bharuch, 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 R A Mashelkar, Director General, CSIR
- **Lala Shriram National Award for Leadership in Chemical Industry**
Mr K Venkataramanan, President (Operation) E&C and Member of Board, Larsen & Toubro Ltd.
- **ICI India Ltd. Award for Excellence in Process or Product Development**
Dr S M Pillai and Dr G L Tembe, Indian Petrochemicals Corpn. Ltd.
- **NOCIL Award for Excellence in Design or Development of Process Plant and Equipment**
Prof Arvind Mallinath Lali, Institute of Chemical Technology, University of Mumbai
- **Amar-Dye-Chem Award for Excellence in Research and Development for Chemical Engineers below the Age of 35 Years**
Dr Ashwin W Patwardhan, Institute of Chemical Technology, University of Mumbai
- **Shah-Schulman Award for Best Ph D Thesis in Colloid and Surface Science in India**
Dr Tushar K Sen, National Institute of Technology, Rourkela
- **Kuloor Memorial Prize for the Best Technical Paper published in Indian Chemical Engineer in 2005**
- **S Chaurasia, B V Babu, Amanpreet Kaur and V Thiruchitrabalam**, Birla Institute of Technology & Science, Pilani
- **Sisir K Mitra Memorial Prize for the Second Best Technical Paper published in Indian Chemical Engineer in 2005**
Subhashis Ghosh, M Mukhopadhyay and Chiranjib Bhattacharjee, Indian Institute of Technology, Mumbai
- **Best Regional Centre Trophy**
Mumbai Regional Centre (Category A)
Ahmedabad Regional Centre (Category B)
Mangalore Regional Centre (Category B)
- **Dr. K. Anji Reddy Innovator of the Year Award**
Prof G D Yadav, Institute of Chemical Technology, University of Mumbai
- **Chemical Weekly's Padmashri Dr.G.P. Kane CDS Award**
Dr Eddy Isaacs, Managing Director, Alberta Energy Research Institute, Canada
- **Hetero Drugs Prof G S Laddha CDS Award**
Professor S K Sanyal, Vice Chancellor, Jadavpur University
- **IICT-Avon's Padmashri Dr G S Sidhu CDS Award**
Dr Marc C Williams, Fuel Cell Technologist, USA
- **Deepak Group's Padma Bhushan Prof L K Doraiswamy CDS Award**
Dr R R Sonde, Executive Director (Energy Technology), NTPC Ltd.
- **Betzdearborn Padma Vibhushan Prof C N R Rao Medal and CDS Award**
Dr Vinod D Shah, Chairman and Managing Director, Chembond Chemicals Ltd.
- **RPG Life Science Padma Vibhushan Prof M M Sharma Medal and CDS Award**
Professor Ashutosh Sharma, Indian Institute of Technology, Kanpur
- **Asian Paints Padma Bhushan Dr R A Mashelkar Medal and Distinguished Speakership Award**
Dr T Ramasami, Secretary, Department of Science & Technology, Government of India
- **United Phosphorus Ltd's CDS Award**
Mr Ashok A Panjwani, Director, Bharuch Enviro Infrastructure Ltd.
- **Hikal's CDS Award**
Dr Aldo Belloni, Managing Director, Linde AG, Germany
- **Sartorius India CDS Award**
Dr I Dayasagar, Executive Director (Engg.), Udhe India Ltd.
- **CSMCRI CDS Award**
Dr Sukumar Devotta, Director, National Environmental Engineering Research Institute
- **CLRI Padmabhushan Dr Y Nayudamma CDS Award**
Dr Pushpito K Ghosh, Director, Central Salt & Marine Chemicals Research Institute
- **DOST Professor S K Sharma Medal and CDS Award**
Dr J S Yadav, Director, Indian Institute of Chemical Technology, Hyderabad
- **Chemcon-NEERI Distinguished Speaker Award**
Dr Ajay K Dalai, University of Saskatchewan, Canada
- **Perkin Elmer's Prof. R Kumar CDS Award**
Dr Fahad Al Sherehy, SABIC, Saudi Arabia
- **Dr A V Rama Rao Foundation's Best Ph D Thesis and Research Award in Chemical Engineering Technology**
Dr Ekambara Kalekudithi, University of Alberta, Canada, and
Prof J B Joshi, Director, Institute of Chemical Technology, University of Mumbai
- **Chemical Weekly Prize for Best Research Paper published in a High Impact Factor International Journal by an Undergraduate Student**
1st Prize
Mr Diwakar Shukla, Indian Institute of Technology, Mumbai
2nd Prize
Mr Ankur Pariyani
Indian Institute of Technology, Guwahati

- **Chemical Weekly Award for Best Paper published in ICE**
C B Vijaya Vittala, North Eastern Regional Institute of Science & Technology, Arunachal Pradesh, and **S Bhaumik, S C Gupta and Vijay K Agarwal**, Indian Institute of Technology, Roorkee
- **Mr.M.H. Shukla Prize for Best Technical Paper presented in CHEMCON2005 (2 Prizes)**
1st Prize
Manoj Gonuguntla, S Subramanian and Ashutosh Sharma, Indian Institute of Technology, Kanpur
2nd Prize
Subhashis Sarkar and D V Khakhar, Indian Institute of Technology, Mumbai
- **Prof D K Guha Award for Securing Highest Percentage of Marks in Associate Membership Examination amongst candidates registered during the last four years**
Mr Nilesh R Mourya, Vadodara
- **N R Nandi Memorial Prize for Securing Highest Marks in Associate Membership Examination**
Mr S Ravichandran, TNPL, Karur
- **Late Lakshmi Nandakumar Award for a Lady Student for the Best Presentation in SCHEMCON, 2006**
Ms B Deepthi Reddy and Ms G Sirisha, Vellore Institute of Technology, Vellore.
- **Gouri Dutta Award for the Best Paper Presented in SCHEMCON**
Mr M Vijay Kumar, Indian Institute of Technology, Guwahati
- **Ambuja's Young Researcher's Award for Doing Post-Graduate Studies in India after GATE Examination**
Mr Tamaghna Chakraborti, IISc, Bangalore
Mr Ankit Sukla IISc, Bangalore,
Mr K Subba Rao, IISc, Bangalore
Mr Sachin Vinayak Jangam, UICT, Mumbai
Mr Sanjib Dutta, University of Calcutta
Mr V Surendar Reddy, Osmania University
Mr P Vishnu Vardhan Reddy, Osmania University
Mr V Laxminarayana, Osmania University
Mr Vinay Anil Bavdekar, IIT Bombay
Mr Abhijit Satish Badwe, IIT Bombay
- **Kishore K Das Memorial Prize for Highest Marks Secured in Part III (Home Paper) Associate Membership Examination**
September 2004: **Mr Chandrakant D Patel**, Bharuch
March-2005: **Mr G V S Sarma**, Visakhapatnam
- **Ambuja's Best Student Chapter Award**
1st Prize: **St Joseph College of Engineering**, Chennai
2nd Prize: **JNTU College of Engineering**, Anantapur
- **Pidilite's Best Student Chapter Award**
Sri Venkateswara College of Engineering, Sriperumbudur
- **Prof.P.Sen Gupta Award for Best IChE Employee**
Mr Dhananjay Mondal

Following is the list of IChE awards (2006) for students, presented at the second Students' Chemical Engineering Congress (SCHEMCON), held at Anantapur during 15-16 September 2006:

- **Acharya P C Ray Award for Best Home Paper**
1st Prize: **Mr Rahul Rangnathan**, Mumbai
2nd Prize: **Ms Swati**, IIT, Kharagpur
- **Ambuja's Best Home Paper Award**
1st Prize: **Mr Sujit Jogwar**, UICT, Mumbai
2nd Prize: **Mr Ankur Kirit Shah**, IIT, Bombay
3rd Prize: **Mr Ashish Sood**, B. V. College of Engg. Nari Mumbai
- **VICAL Award for Best Students Paper in CHEMCON**
1st Prize: **Raju Mohan Singhal & Mr Amit Nandan**, IIT, Kanpur
2nd Prize: **Mr Monikankana Sharma**, IIT, Guwahati
3rd Prize: **Ms R Vaidehi and Ms Tanisha Susan Thomas**, Vellore Institute of Technology, Vellore

9.0 IChE Journal

Indian Chemical Engineer (ICE), the main organ of the Institute, has got a new look since the 3rd issue (October- November issue) of 2006 with Anamaya Publishers, New Delhi, being entrusted the responsibility as Publishers of the journal on a revenue sharing basis for two years. The web edition of ICE continues to be available with unrestricted access. A limited number of printed copies is published for the subscribers, interested members, libraries, etc.

10.0 Research and Development

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

- 1) Removal of phenolic compounds from waste water using synthetic and natural adsorbents.
- 2) Hydrodynamics of modified bubble column.
- 3) Sedimentation characteristics of coal slurry.

The following papers were published/presented on behalf of the Institute:

1. P. Ganguly : An interrelationship between the overall constant and falling rate constants in liquid-solid fluidization, Paper presented at Congress of Indian Society of Theoretical and Applied Mechanics - 2006, 14th - 17th December, 2006 at Visakhapatna.
- 2) Tulica Paul, Swati Basu Thakur, U.P. Ganguly and Sudip Kumar Das some aspects of the sedimentation characteristics of aqueous coal slurry, paper presented at 2nd Annual Session of Students' Indian Chemical Engineering Congress SCHEMCON - 2006, 15 - 16 September 2006 Anantapur.
- 3 A Banerjee, T. K. Waiya and S. K. Das : Comparative study on adsorption of natural and synthetic adsorbent for adsorption of phenol, paper presented at 2nd Annual Session of Students' Indian Chemical Engineering Congress SCHEMCON - 2006, 15 - 16 September 2006 Anantapur.

11.0 Students' CHEMCON

The 2nd Students' Chemical Engineering Congress SCHEMCON 2006 was held at JNTU College of Engineering, Anantapur during 15-16 September 2006. The theme of SCHEMCON 2006 was 'Intensifying Indigenous Technology in an Era of Globalisation'. IChE Students' Chapter at Department of Chemical Engineering, JNTU, organized the programme which was co-sponsored by Reliance Industries, Mumbai.

Prof K Rajagopal, Vice Chancellor, JNTU, inaugurated the congress by lighting the lamp and released a souvenir to commemorate the occasion. Prof S Venkateshwar, President, IChE, released the CD containing the proceedings. In his inaugural address, Prof K Rajagopal expressed his views on the necessity to change the concept of engineering education in the country to be in tune with the changing demands of the competitive world. He favoured the concept of engineering education where the objective is not making a student eligible for a job but to nurture his ideas to develop a particular technology. He urged the students to develop indigenous technology that would help the masses.

About 450 technical papers were received for presentation in the congress out of which 175 were selected and accommodated in 16 technical and 5 poster sessions. Six invited lectures by eminent persons from reputed industries and institutes were arranged. An essay competition on 'Alternate fuels for automobile industry' was held in which 22 students participated. A quiz competition was conducted with 75 student participants. A panel discussion on 'Career opportunities for chemical engineering graduates' was held and the keynote address was delivered by Mr K Venkataramanan, President (Operations), L&T, Mumbai.

12.0 Institute's Library

The following senior members based in Kolkata donated books from their personal collections to the Institute's library during April 2006 and September 2007:

- 1) Prof A P Sinha, LF371
- 2) Dr S B Lodh, LM639
- 3) Prof U P Ganguly, LM1054
- 4) Prof Arun Kumar Mitra, LF2514

13.0 Highlights of Regional Centre Activities

13.1 Ahmedabad Regional Centre

Committee:

Chairman: Shri Vipul N Shah, **Vice Chairman:** Shri Yatindra Sharma, **Honorary Regional Secretary:** Prof N M Patel, **Honorary Regional Jt Secretary:** Shri Dharmendra Joshi, **Honorary Regional Treasurer:** Prof B H Shah, **Members:** Prof R N Shukla, Dr A K A Rathi, Shri Pranay N Patel, Shri K D Vyas, Dr Raikar, Miss R N Desai, Shri V S Mehta, Shri Yashpal Singh Ghaman, Shri Kumar Kamdar.

Activities:

a) Technical Lecturer on 'Realizing Energy Efficiency and Renewable Energy' by Shri Mahendrabhai Patel, Chairman, Mamta Energy Pvt Ltd, on 25th November, 2006.

b) Interactive meet on:

- 1) 'Energy Efficiency and Renewable energy' with Mr Mark Ginsberg, Member, Board of Directors, US DOE, on 22nd August 2006.
- 2) 'Carving Bright Chemical Engineers' on 1st December 2006 organised jointly with Nirma University.

c) A family Get-to-Gether on 6th January, 2007 at Secured Landfil Site of Naroda Enviro Projects Ltd, which included a visit to hazardous waste management site.

d) Visit to International Trade Fair at Achema Asia 2007 Beijing, China, jointly organized with Association of Chemical Technologists (India) in which Shri Vipul Shah and Shri Narendra Vadher took part.

e) The regional centre took active part in organization of Chemcon 2006, particularly for students' registration for job mela.

13.2 Annamalai-Neyveli Regional Centre

Committee:

Chairman: Dr T Viruthagiri,

Honorary Regional Secretary: Dr R Dhanasekar, **Honorary Regional Treasurer:** Mr R Muthuvelayutham

Activities:

a) Technical Lectures on :

- 1) 'Scope of Chemical Engineering for the next millennium' by Mr P Rajasekaran, Factory Manager, Asian Paints, Cuddalore
- 2) 'Making graduates industry ready' by Mr R Rameshbabu, Chief Executive, SBM Enterprises, Chennai
- 3) 'Role of Chemical Engineering to the society - current scenario' by Prof R M Bairavan, Director, Meiyer's Pharma Pvt Ltd., Karaikal.
- 4) 'Rice Technology' by Dr P Pilliar, CEO (Technical), TN Food Grains Marketing Yard Ltd., East Masi Street, Madurai.
- 5) 'Food Processing & Storage' by Dr P Pilliar, CEO (Technical), TN Food Grains Marketing Yard Ltd., East Masi Street, Madurai.

b) Seminar:

- 1) Two day National Seminar on 'Fuels for the Future' during March 2007.
- 2) One day Seminar on 'Solid waste Management' during April 2007.

c) Industry Visit :

Industrial tour for BE Chemical Engineering Students was organized on 24 & 27th August 2006.

d) Students' Chapter:

Inauguration of activities of IChE Student Chapter at Annamalai University was organized on 11.11.2006.

13.3 Ankleshwar Regional Centre

Committee:

Chairman : Mr G K Parikh, **Vice-Chairmen**: Mr Sushil Kumar, Mr S C Mittal, Mr U S Ambegaonkar, Mr M A Hania, **Honorary Regional Secretary**: Mr S I Thaker, **Honorary Regional Joint Secretary**: Dr A R Modi (Ankleshwar), Mr C S Babu (Dahej), Mr Nitin N Patel (Bharuch), **Honorary Regional Treasurer**: Mr M I Shamsi, **Members**: Mr A K Sahni, Mr R T Bhargava, Mr A P Dave, 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 J Shah, Mr Tejash Shah, Mr Milin Shah, Mr M M Patel, Mr Navin Kumar, Mr B P Kansara, Mr A K Shah, Mr Snehal Tralsawala, Mr A K Bodra, Mr R B Maidamwar, Mr Mehul Makadiya

Activities:

a) The major activity of the regional centre was organization of Chemcon 2006 in which about 1200 delegates participated. The following were organized as part of Chemcon, A report on Chemcon 2006 has been included in Section 2.0 earlier.

1) Seminars on:

- 'Energy for tomorrow' in association with Canadian Society of Chemical Engineers,
- 'Environment' in association with German Delegation and
- 'Scope of study in Canada' in association with Canadian Delegation.

2) Exhibition of about 120 stalls.

3) Job Mela

4) Technical sessions

5) Poster sessions with more than 200 poster displayed.

b) **Joint evening talks** in association with Bharuch District Management Association, Rotary Club and Jain Social Group on:

1) 'Place of communication in family life' by Shri Rotilal Borisagar, Shri Mansukh Salla and Shri Rajendra Patel.

2) 'J Krishnamurthy and Tatvachitan' by Shri Kishore Khairnar, Shri Mansukh Salla and Shri Arvind Desai.

13.4 Bangalore Regional Centre

Committee:

Chairman: Dr K S Rajanandam, **Vice-Chairman**: Mr R Suresh, **Honorary Regional Secretary**: Mr Brijesh, **Honorary Joint Regional Secretary**: Mr P T Raghuram, **Members**: Mr Kishore K G, Mr G Vijay Kumar, Ms H S Usha, Mr G K Mahadeva Raju, Mr P L Muralidhara, Mrs Vidya C, Mr V Venkatesham, Mr K A Badarinarayana, Mr K R Ananth

Activities:

a) An Industry –Institute Interaction meeting was held on 17th March 2007 with Mr Bhaskar Duttagupta, CE, L&T, Valdel,

Mr Sudhir Kant, President, Milipore, Dr J M Modak, Chairman, Chemical Engineering Department, IISc, and Dr K S Rajanandan, Vice Principal & HOD, Chemical Engineering, MSRTAs panelists.

b) Best Project Award function for final year UG students was held at MVJ College of Engineering on 9th May 2007.

c) Video Conferencing of the International Conference on "E-Waste Management in India – Sustainable Solution" held in Mumbai 18th May 2007 was organized in Bangalore.

13.5 Baroda Regional Centre

Committee:

Chairman: Mr M Habibulla, **Vice-Chairman**: Mr D M Butala, Mr B P Baliga, **Honorary Regional Secretary**: Mr N M Surana, **Honorary Regional Joint Secretary**: Mr R K Desai, **Honorary Regional Treasurer**: Mr B D Doshi, **Members**: Mr Rajesh Bhatt, Mr R R Dave, Dr M H Divekar, Dr A B Halgeri, Mr K K Hathi, Dr R Sengupta, Mr S K Patel, Dr G L Tembe, Dr Rajeshwar, Mr S Sridhar

Activities:

a) **Technical Lecturer** on :

1) 'Nanoscience and Technology: A Chemical Engineer's Perspective' by Prof K S Gandhi, IISc Bangalore, on 5th May 2007.

2) Six Technical Lectures were held on various topics from the eminent personality of Industry & Academy.

b) **Seminars**:

1) One day seminar on 'Safety beyond statutes' organized on 7th October 2006, inaugurated by Shri N D Joshiyara, Director of Industrial Safety, Health & Environment, Govt of Gujarat.

2) Two day National Seminar on 'Advances in Polymer Science & Technology' was held on 16th & 17th March 2007.

3) Video conferencing of the One day International Conference on 'E-Waste Management in India – A Sustainable Solution' was organized on 18th May 2007.

c) **Annual get together**

Get together of members and invitees were organized twice during the year in October 2006 and May 2007.

d) **Students' Programme**

Plant visits, seminar and quiz were held during the year.

13.6 Calcutta Regional Centre

Committee :

Chairman: Mr P R Datta Ray, **Vice-Chairman**: Mr Dipak Dutta, **Honorary Regional Secretary**: Dr Basab Chaudhuri, **Honorary Regional Joint Secretary**: Mr Shyamal Kr Ghosh, **Honorary Regional Treasurer**: Mr M K Das, **Members**: Prof P Sengupta, Prof B N Chakraborty, Prof A K Mitra, Mr S B Das, Prof B N Srimani, Mr S Das, Mr P Misra, Prof P De

Activities:

- a) **Technical Lectures** on:
- 1) 'Biodiesel – Chemistry and Processes' by Prof D K Bhattacharjee, University of Calcutta, on 2nd November 2006.
 - 2) 'Biodiesel – Indian Scenario vis-a-vis Global Status' by Dr Tilak Guha, Consultant, Kolkata, on 2nd November 2006.
 - 3) 'Water Management in West Bengal' by Mr Nandagopal Bhattacharya, Honorable Minister-in-charge, WIDD, Govt of West Bengal, on 23rd December 2006.
 - 4) 'Water Management in the 21st Century for the Developing World' by Prof Asit Kumar Biswas, Stockholm Water Prize Winner, Third World Centre for Water Management, Mexico, on 23rd December 2006.
- b) The 117th **birth anniversary of Dr H L Roy**, the Founder President of IChE, was celebrated on 2nd November 2006 at IChE Auditorium, Kolkata.
- c) **Annual get-together** of members was organized at Chanakyapuri Resorts Pvt Ltd., Baruipur, 24 Parganas (South) on 4th February 2007.

13.7 Chandigarh Regional Centre

Committee:

Chairman: Dr J C Bansal, **Vice-Chairman:** Dr Daljit Singh, **Honorary Regional Secretary:** Dr V K Rattan, **Honorary Regional Joint Secretary:** Mr Rakesh Aggarwal, **Honorary Regional Treasurer:** Dr R C Katyal

Activities:

- a) **Seminars:**
- 1) One day National Seminar on 'Safety in Energy Sector' was held at ICSSR Complex, Panjab University, Chandigarh on 4th September 2006, jointly organized by the regional centre and Energy Research Centre, Panjab University. Prof R C Sothi, Vice Chancellor, Panjab University, inaugurated the seminar. A special lecture on Risk Analysis and Hazards was delivered by Prof S K Sharma, Director, Rayat Institute of Engineering & Technology and Past President of IChE.
- One day National Seminar on 'Industrial Biotechnology: Gateway to Sustainable Future' was held on 5th February 2007 at ICSSR Complex, Punjab University, Chandigarh, jointly organized by the regional centre and Energy Research Centre, Panjab University. Prof R C Sothi, Vice Chancellor, Panjab University, inaugurated the seminar. Dr K S Saini, Director, Biotechnology & Bioinformatics, Ranbaxy, Gurgaon, delivered the key note address explaining the present scenario and future growth prospects of biotechnology for the benefit of mankind.

b) Students' Programme:

- 1) 'Exemplum – The technical Paper Presentation', was organized on 2nd November 2006 by the IChE Students' Chapter at the Dept of Chemical Engineering & Technology, Panjab University. The Topic for the Presentation was – 'Emerging Areas in Chemical Engineering'.
 - 2) 'eclectica' -07, a state level quiz competition, was organized at Department of Chemical Engineering & Technology, Panjab University, on 16th March 2006.
 - 3) 'Polymic – 2007', a national level debate competition was organized in collaboration with Panjab University campus students' on 12th and 13th April 2007. Forty teams registered for the event.
- b) **Plant Visit** to Indian Oil Corporation Refinery, Panipat was organised on 2nd November 2006.

13.8 Damanjodi Regional Centre

Committee:

Chairman: Mr B N Mohanty, **Vice Chairman:** Mr S K Patnaik, **Honorary Regional Secretary:** Mr K L Jena, **Honorary Joint Regional Secretary:** Mr M Pradeep, **Honorary Regional Treasurer:** Mr P V R Murthy, **Members:** Mr S K Roy, Mr N Samal, Mr B Pradhan, Mr S Sarkar, Mr P K Swain.

Activities:

- a) **Technical Lectures on:**
- 1) "Alumina Handling System" by Mr R Ilhe & Mr M Boch, ALCAN
 - 2) "Causes of Contamination of Steam Condensate due to Damage of Steam Tube in Digestion Tank and Remedies" by Mr S C Mishra, Mr B Sarangi & Mr B Pradhan, NALCO.
 - 3) "Fuel Oils" by Mr M Panda, HPCL, Bhubaneswar.
 - 4) "Methods of Revamping of Old Boilers and ESP's by Mr S R Mohanty, NALCO.
 - 5) "M2M Technology" by Mr Roelof Den Hond, Alcor Technology, The Netherlands.
- b) **Seminar:**
- National Seminar on Environmental Concern & Remedies in Alumina Industry "Envicon – 2007" was organized on 27th and 28th January 2007 at Nalco Club. More than 160 delegates from the country and abroad participated.
- c) **Newsletters:**
- The Regional Centre brought out 4 news letters during the year.

13.9 Guwahati Regional Centre

Committee:

Chairman: Dr A K Ghoshal, **Honorary Regional Secretary:** Dr Anil Verma, **Honorary Regional Joint Secretary:** Prof R Choudhury, **Honorary Regional Treasurer:** Dr Pallab Ghosh, Member: Dr A K Baruwa

Activities:

a) Workshops on:

- 1) 'Simulation and Optimization of Chemical Processes' on 9th September 2006. Instructor: Prof R Uppaluri, IIT Guwahati, Participants: Members and students of Assam Engineering College and IIT, Guwahati.
- 2) 'Introduction to MATLAB' on 17th and 18th February 2007. Instructors: Faculty members, Department of Chemical Engineering, IIT, Guwahati. Participants: Members and students of Assam Engineering College and IIT, Guwahati.

b) Award :

IChE Guwahati Regional Centre has decided to give a Best M.Tech Thesis Award every year from the year 2007 to the eligible students belonging to the engineering college in the North-Eastern States of India.

c) Plant Visits to:

- 1) Central Institute of Plastics Engineering and Technology (CIPET), Changsari, Guwahati on 28th October 2006. Participants: Members and students of Assam Engineering College and IIT, Guwahati.
- 2) Coca-cola India, Byrnihat, Meghalaya, on 31st March 2007. Participants: Members of IChE and students of IIT, Guwahati

13.10 Hyderabad Regional Centre

Committee:

Chairman: Prof S S Sridharan, **Vice-Chairman:** Mr P Ramji and Mr C P Ramalu, **Honorary Regional Secretary:** Dr R Shyam Sunder, **Honorary Joint Regional Secretary:** Mr M Mishra, **Honorary Regional Treasurer:** Dr R Shreedhar Rao, **Members:** Mr A Bhasker Reddy, Mr M Ranga Rao, Mr M G V Chalapathi Rao, Mr Lakshman Suri, Mr G Venkateshwarlu, Mr V Sridharan.

Activities:

a) Technical Lectures on:

- 1) "Building an Indian Multinational in Engineering Construction and Process Plants" by Mr K Venkatramanan, President (Operations) L&T Ltd, Mumbai on 11th August 2006.
- 2) "Positive personality Development" by Sister B K Anjali, Brahmakumaris on 20th September 2006.
- 3) "Masters and Doctoral Programs in University of Cincinnati" by Panagiotis (Peter) Smirniotis, USA on 13th March 2007.
- 4) "Fabrication of process equipment with glass lining" by Mr Y Kaliprasad, Vice President (Technical), NILE Ltd.,

b) Industrial Visits to:

M/s. Navabharat Industrial Lining Equipments (NILE), Nacharam, Hyderabad on 23rd June 2007.

c) Round Table Get-together:

A round table get-together was organized on 6th March 2007 on the occasion of IChE President Mr K Venkataramanan's visit to Hyderabad.

d) Jawaharlal Nehru Technological University Student Chapter, Ananthapur:

- 1) Student at Department of Chemical Engineering, JNTUCE, Anantapur, organized the 2nd Annual Session of Indian Chemical Engineering Congress SCHEMCON, during 15-16 September 2006.

2) Osmania University College of Technology Student Chapter, Hyderabad :

This chapter was involved in all the activities of IChE-HRC.

3) Swami Ramananda Tirtha Institute of Science & Technology Student Chapter, Nalgonda:

State level best project award competition was organized for B.Tech Final year Students. Prof S V Satyanarayana Head, Chemical Engg Dept., JNTU inaugurated the occasion as chief guest. Mr C P Ramulu, Vice-Chairman IChE-HRC and Dr Ch Venkateshwarlu participated as judges.

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

- Mock interview was conducted for B.Tech Final year students.
- About 20 Students were sent for summer inplant training.
- One technical lecture organized for Aurobindo Pharma and Hetero Drugs Managerial Staff.

5) Chaitanya Bharati Institute of Technology Student Chapter:

- 55 new student members were enrolled. IChE Student chapter library was upgraded by adding more number of text books. Currently 600 books are available.

13.11 Kharagpur Regional Centre:

Committee:

Chairman: Prof D Mukherjee, **Vice-Chairman:** Prof D D Kar, **Honorary Regional Secretary:** Prof Anand V Patwardhan, **Honorary Regional Joint Secretary:** Prof Sudipto Chakraborty, **Honorary Regional Treasurer:** Prof B C Meikap, **Members:** Prof A N Samanta, Prof Sunando Das Gupta, Prof Gargi Das, Prof D Bhattacharya, Prof S Ray, Prof S Neogi & Prof Sirshendu De

Activities:

a) Technical Lectures on:

- 1) 'Chemical Engineering as God's profession' by Prof Ganapati D Yadav, Head, Dept of Chemical Engineering, UICT, Mumbai on 8th September 2007.
- 2) 'Photoresponsive surfactants: mediation of interfacial and bulk solution properties using light' by Prof T Alan Hatton, Ralph Landau, Professor of Chemical Engineering Practice, Chemical Engineering Dept and Director, David H Koch, School of Chemical Engineering Practice, MIT, USA on 19 September 2007.

- 3) 'The journey of an ex-IITan (Chemical Engineering as a career with real life stories from industry)' by Dr U K Dutta, Managing Director, The Technomanage Group, Faridabad on 30th November 2006.
- 4) 'Secondary organic aerosol formation from biogenic emissions from trees' by Dr Ravi Kant Pathak, Postdoctoral Fellow, Chemical Engineering Dept, Carnegie Mellon University, USA on 6th February 2007.
- 5) 'High temperature catalysis in multifunctional reactors' by Dr (Ms.) Sudipta Chattopadhyay, Senior Research Engineer, Catacel Corporation, USA on 9th February 2007.
- 6) 'Chemical Engineering: past, present and future' by Prof Parthasarathi Roy, Chemical Engineering Department, Calcutta University, Kolkata on 14th February 2007.
- 7) 'Risk based decision making for process safety management: case studies' by Mr Sandip Roy, Associate Professor, Chemical Engineering Department, IIT Bombay, Mumbai on 7th March 2007.
- 8) 'Energy efficient processes' by Dr Amitava Sarkar, Associate Engineer III, Centre for Applied Energy Research (CAER), University of Kentucky, USA on 14th March 2007.
- 9) 'Oil refining technology and oil refining scenario in India' by Mr Partha Sarathi Deb, Senior Vice President, Reliance Industries Ltd, Mumbai on 16th April 2007.
- 10) 'Synthesis and characterization of diamond thin film for high performance electronics applications' by Dr Dibakar Das, Postdoctoral fellow, University of Cincinnati, USA on 18th May 2007.

b) **Symposium :**

The regional centre contributed Rs 10,000/- for ChemInslghT-2007, a Symposium organized by the undergraduate students of Chemical Engineering Dept, IIT Kharagpur.

c) **Get-together**

- 1) Local get-together was arranged in Garden Inn, Kharagpur on August 19, 2006.
- 2) Outstation get-together was arranged in Parimal Kanan, Chandrakona Road, on January 13, 2007.

13.12 Kochi Regional Centre

Committee:

Chairman: Shri K K Joseph, **Vice Chairmen:** Dr K E George, Shri G Ganesh, **Honorary Regional Secretary:** Shri Babu Jose, **Honorary Regional Joint Secretary:** Shri C V Rajkumar, **Honorary Regional Treasurer:** Shri K F Sajo, **Members:** Shri S Sudarshan Kumar, Shri C R Arun Kumar, Shri A Aliyammu, Shri Jacob Chacko, Dr G Madhu, Shri K B Biju, Shri Jacob Kutty, Shri V Venkatesh, Shri Dhandapani, Shri D Kulandai Raj, Shri L N Maharana, Shri G Sivaprakash, Shri A Asokan

Activities:

a) **Technical Lectures on:**

- 1) 'Positive Thinking' by Shri A Manohar, Deputy Manager (Training) KCPL on 4th October 2006.
- 2) 'Good Manufacturing Practices (GMP)' by Dr J S Suresh Kumar, AGM (QA) KCPL, Kakkand on 24th November 2006.
- 3) 'Science Behind The Chemical Exposure Standards in Industries' by Shri Bose Varghese, Project Manager, Connestoga-Rovers & Associates, Houston, USA on 21st December 2006.
- 4) 'Waste Water Treatment (Anaerobic Technology & UASB Reactor)' by Dr G Babu, Engineer (Chemical) on 29th December 2006.
- 5) 'Recent Trends in Environmental Biotechnology' by Dr G Madhu, Professor of Safety Engg, CUSAT on 27th February 2007.
- 6) 'Logistics Management in Chemical Industry' by Shri E Kesavan, AGM (Com), KCPL on 15th May 2007.

b) **Colloid'07**, a National Level Technical fest organized by Dept of Chemical Engineering, Government Engineering College, Kozhikode on 15th -17th February 2007 was co-sponsored by the regional centre.

c) **Petrosafe2007**, a National Conference on Hydrocarbon Safety was organized by the regional centre jointly with National Safety Council – Kerala Chapter, on 23rd -25th April 2007.

d) **Meet the Manufacturer Programme:** The Mumbai based Arkema Inc & Sangir Plastics presented papers on 'Fluoropolymers: Application in Chemical Pharmaceutical and other Industries' on 22nd June 2006 showcasing their products.

13.13 Mumbai Regional Centre

Committee :

Chairman: Mr P D Samudra, **Vice-Chairman:** Dr S Ganeshan, **Honorary Regional Secretary:** Dr H Shrihari, **Honorary Regional Joint Secretary:** Dr S M Mahajani, **Honorary Regional Treasurer:** Mr V Y Sane, **Student Co-Ordinator:** Mr P K Saxena, **Newsletter Editor:** Mr K Sahasranaman, **Industrial Relations:** Mr B Chakraborty, **Office Premises Co-ordinator:** Prof V C Malshe **Membership Drive:** Mr J M Master, **Members:** Dr R N Trivedi, Mr M P Jain, Mr Rajesh Jain, Dr S S Bhagwat, Mr V K Srivastava, Mr M V Deshpande, Mr S B More.

Activities:

a) **Technical Lectures on:**

- 1) 'Lessons for chemical engineers from the destruction of the space shuttle Columbia' by Mr Scott Berger, Director of Technology Alliances and International on 22nd August 2006.
- 2) 'Sulphuric Acid and Fertilizer Industry' by Mr Shukla – CEO, DMCC-Monsanto on 18th September 2006.

- 3) 'Path ahead for Chemical Engineers' by Mr P D Samudra, Executive Director (Sales) Uhde India Limited 18th September 2006.
 - 4) 'Preparation for Placement of Chemical Engineers' by Mr Lelosity, General Manager (HR), L&T on 10th October 2006.
 - 5) 'Caustic Soda Technology' by Mr A M Phadnis, General Manager, Uhde India Ltd. on 13th October 2006.
 - 6) 'Carbon Trading' by Prof Sandeep Randeri, D.J.Sanghvi College of Engineering on 8th Novembmer 2006.
 - 7) 'Chemical Engineering Applications within the food industry' by Prof R Anantheswaran, Pennsylvania State University on 8th Novembmer 2006.
 - 8) 'Versatility and Scope of Chemical Engineering Education and Profession' by Prof G D Yadav, UICT, Matunga on 9th November 2006.
 - 9) 'Role of Chemical Engineering in harnessing green energy from oceans' by Mr A K Saxena, BARC on 9th November 2006.
 - 10) 'Polymer Engineering - Challenges & Opportunities' by Prof V C Malshe, UICT on 10th November 2006.
 - 11) 'Future Prospects in Indian Chemical Industry' by Mr D P Misra, Director General, ICMA on 10th November 2006.
 - 12) 'Emulsion and Dispersion Systems' by Prof Kaler, University of Delaware on 7th December 2006.
 - 13) 'Safety in Chemical Engineering' by Mr John Sofranco, Ex Director of AIChE on 14th December 2006.
 - 14) 'Evolving Trends in Chemical Engineering Education & Energy Challenge' by Prof Arvind Verma, Head School of Chemical Engg., Purdue University on 12th January 2007.
 - 15) 'Reactors – Shaken, not stirred' by Prof R Krishna, University of Amsterdam, DOW, M M Sharma, Visiting Professor of Chemical Engineering, UICT on 18th January 2007.
 - 16) 'Environmentally Friendly Energy Solutions' by Prof Rakesh Agrawal, Purdue University on 1st February 2007.
 - 17) 'Capillary Condensation onto Nanoparticle Agglomerates' by Prof Sheryl Ehrman of University of Maryland, USA on 15th February 2007.
- b) Dr R B Roy Choudhary Memorial Lecture on 'India's Future' by Shri Gurcharan Das, economist, intellectual and columnist on 29th January 2007.
- c) **Seminars on:**
- 1) 'Scale Up in Speciality Chemical Industry' organized jointly by IICChE, Lote Chapter and MRC at Chiplun.
 - 2) 'E-Waste Management in India – A Sustainable Solution' on 18th May 2007 was organized by the Council of the Institute at L&T, Powai.
 - 3) 'Process Development aspects of Chemical Engineering' on 26th February 2007.
- a) **Students Programmes:**
- 1) Thodomal Shahani Engineering College organized a two day National Paper Presentation Contest on 7th & 8th October 2006.
 - 2) D J Sanghvi College of Engineering organized a three day Inter Collegiate Technical Festival, Synthesis – 2007, jointly with IICChE-MRC.
 - 3) Student Chapter at UICT, Mumbai, organized Prodigy – 07.
 - 4) Student Chapter at UICT, Mumbai, jointly organized with Paints Technology Association, Rangotsav – 06.
- a) **Factory Visits** were organized to :
- 1) RGPL – Dabhol Power Projects in Ratnagiri for MRC members
 - 2) HOC – Rasayani for UICT Student Chapter
 - 3) HOC – Rasayani for MGM Student Chapter
- b) Outstanding Young Chemical Engineer Contest (OYCE – 07) conducted in December 2006.
- c) An annual inter-collegiate Chemical Engineering Quiz (Cheq) for Colleges in and around Mumbai has been introduced with a rolling trophy in memory of the eminent Chemical Engineer, the late Prof N R Kamath. Cheq-07 was held on 24th February 2007 hosted by the Student Chapter at Thodomal Shahani Engineering College
- d) MRC prepared 3 Newsletter during the year 2006-07 which were widely circulated among all the members.
- 13.14 Nagpur Regional Centre:**
- Committee:**
- Chairman:** Dr S Devotta, **Vice-Chairman:** Dr T Chakraborti, **Honorary Regional Secretary:** Dr G K Ghosal, **Honorary Joint Regional Secretary:** Mr D C Angikaqr, **Honorary Regional Treasurer:** Dr Y C Bhattacharyaulu, **Members:** Mr J Y Mohite, Mr R K Jana, Mr S S Gedam, Mr S N Gulhane, Mr S K Goyal, Mr S D Dawande, Mr K R Golwalkar, Mr T C Parmar.
- Activities:**
- a) **Technical Lecture :**
Lecture by Dr B D Kulkarni, Head of Chem Engg Division of National Chemical Laboratory, NCL Pune on 21st March 2007.
- b) **Seminar:**
Seminar on "Waste Management in Chemical Industry, - Regulations and Practices, WASTE CHEM – 06" was held on 4th November 2006 jointly organized with NEERI.
- 13.15 Northern Regional Centre**
- Committee:**
- Chairman:** Mr Shyam Bang, **Vice-chairman:** Mr K K Basu. **Honorary Regional Secretary:** Dr S Basu, **Honorary Regional Treasurer:** Dr A Mukherjee, **Members:** Mr A Soni, Prof V K

Srivastava, Dr Sreedevi Upadhyayula, Mr Tapan Sarkar, Prof K D P Nigam, Prof S N Mukhopadhyay

Activities:

- a) **Technical Lectures** on:
- 1) 'Challenges & Innovations in Technology of Ammonia/ Urea Plant by Shri U S Awasthi, CMD, IFFCO, New Delhi.
 - 2) 'Education needs of future: Chemical Engineering Curriculum review' by Dr Parag Diwan, Vice Chancellor, University of Petroleum & Energy Studies; Chief Operating Officer, Indian School of Petroleum; Secretary General, Energy Institute, India
 - 3) 'Remediation of Multiple Gaseous Pollutants by Barrier Discharge Technique, by Prof V K Mathur, Dept of Chemical Engineering, University of New Hampshire, Durham, USA.
- b) **Workshops:**
- 1) One day International workshop on 'Bipolar Cells for Chlor-Alkali Industry' with speakers from various industries namely Udhe, DSCL, DuPont, Asahi Japan on 1st September 2006 .
 - 2) One day Workshop on 'Nanotechnology' by Prof Satinath Bhattacharya, RMIT University, Melbourne, Australia on 6th January 2007.
- c) Foundation day Celebration of IICChE, NRC on 9th January 2007. Chief Guest: by Shri U S Awasthi, CMD, IFFCO, New Delhi
- d) Video conferencing of International Conference on 'E-Waste Management in India – A Sustainable Solution' on 18th May, 2007.
- e) **Publications:**
- 1) NRC members 'Directory 2007'
 - 2) Proceedings of International Workshop on Bipolar Cells for Chlor-Alkali Industry.
 - 3) Proceedings on Symposium on Nanotechnology.
 - 4) Lecture Series - Foundation Day Celebration.
 - 5) Proceedings of International Conference on 'E-Waste Management in India – A Sustainable Solution'.
- f) **Plant visit** to IOCL on 3rd February, 2007
- g) **Students' Scholarship:**
IICChE-NRC Golden Jubilee scholarship of Rs.10,000/- each were given to 7 students pursuing Bachelors degree in CRS, Mumbai; IIT, Delhi and GGSIP University, Delhi.
- h) **Schemcon Awards:**
IICChE-NRC sponsored Rs 25,000/- towards different awards of Schemcon 2007.
- i) **Get-together:**
Two get-togethers were organized during 2006-07 on the occasions of AGM and Foundation Day Celebrations.
- j) **Library:**

Seventy five new books worth Rs 1.9 lakh were procured for the library spending. Out of these, Lovraj Kumar Memorial Trust donated books worth Rs 99 thousand.

13.16 Pune Regional Centre:

Committee:

Chairman: Dr J K Dattagupta, **Vice-Chairman:** Mr S T Kumbade, Mr P B Patil, **Honorary Regional Secretary:** Mr N R Gadre, **Honorary Joint Regional Secretary:** Dr S H Vaidya, **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 P S Kulkarni, Dr C V Rode, Mr M M Talathi, Mr S D Yadnik

Activities:

The activities of the regional centre during the year was restricted to improvement of communication, website construction, academic interactions, efforts for opening student chapter, promotional visits to various institutions and similar background efforts to facilitate future activities.

13.17 Rourkela Regional Centre

Committee:

Chairman: Mr D R Pattanaik, **Vice-Chairman:** Dr (Ms) G Sunanda, **Honorary Regional Secretary:** Dr (Ms) Abanti Sahoo, **Honorary Joint Regional Secretary:** Mr Siddharth Acharya , **Honorary Regional Treasurer:** Dr S K Agarwal, **Members:** Dr S Adak, Dr T N Tiwari, Dr P Rath, Dr B N Das, Mr J K Roy, Mr Sardul Singh, Mr F C Sahoo, Dr R K Singh, **Co-opted Members:** Prof S C Naik, Prof G K Roy, Mr F C Mohanty.

Activities:

A National Seminar entitled "Catalysing Vision 2020: Challenges of Indian Chemical Engineers" was held during 5th-7th January 2007 by the regional centre as co-sponsor with the Department of Chemical Engineering, NIT, Rourkela.

13.18 Trivandrum Regional Centre

Committee:

Chairman: Shri S Alwan, **Vice-Chairman:** Shri V Chandrasekharan, **Honorary Regional Secretary:** Shri P Sojan, **Honorary Joint Regional Secretary:** Shri M Nallaperumal, **Honorary Regional Treasurer:** Shri V M Lakshmi, **Members:** Dr Rm Muthiah, Dr S N Jyothi, Shri P Rajendraprasad, Shri P Raghavan, Shri V Binuraj, Shri S Venugopal, Dr K B Radhakrishnan, Shri G Chandrasekharan, Shri M Shaneeth

Activities:

a) **Technical Lectures** on:

'Swing technology for processing fresh/dry spices for flavour, oleoresins and active compounds, by Shri M M Sreekumar, Scientist, Regional Research Laboratory, Trivandrum on 27th October 2006.

2) 'Time Management' by Shri M C Dathan, Deputy Director, Sathish Dhawan Space Centre, Sriharikota on 12th June 2007

b) **Seminar:**

A **Seminar** on "R&D needs for Regional Development" was organized on 8th December 2006 in association with Regional Research Laboratory.

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

The annual CGG Panicker Gold Medal Presentation function was organized on 10th May 2007. The Gold Medal Award, instituted in 1986, was presented to the first rank holder in Chemical Engineering of Kerala University, Shri Vineesh Ravi.

d) Shri N Muralidharan, Shri A M Bhaskaran, and Shri S K Gupta of Senior Members, Trivandrum Regional Centre, were felicitated on their 60th birth year.

e) The family get-together was organized at Hotel Horizon, Trivandrum on 19th May 2007.

f) **Chemfest – 2007**

The regional centre actively participated in Chemfest - 2007 organised at TKM College of Engineering on 8th –10th March 2007, conducted by the concerned Student Chapter.

13.19 Waltair Regional Centre

Committee:

Chairman: Mr N Seetaram, **Honorary Regional Secretary:** Prof Ch V R Murthy

Activities:

a) **Technical Lectures:**

1) Prof G J V J Raju Endowment Lecture Lecture-2006 by Prof M Chidambaram, Director, NIT, Tiruchirapalli in September 2006.

2) Prof G.J.V.J.Raju Endowment Lecture-2007 by Prof T Kannadasan, CIT, Coimbatore, February 2007.

b) One day National Symposium on "Electrochemical and Corrosion Engineering: present, past & future" was organized on 28th February 2007.

c) **Students' Programme:**

Students Chapter at RVR & JC College of Engineering, Guntur organized their annual seminar 'check-2007' on 23rd and 24th February 2007.

14.0 Beyond 2006-07

1) **International Centres of IChE**

Efforts are being made, primarily through the initiative taken by Mr K Venkataraman, President, for opening International Centres of IChE at Houston, UAE, Oman, Qatar, Kuwait and Calgary. The Council has 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.

2) **Winding up Sindri Regional Centre**

In pursuance of the decision taken in the Annual General Meeting held on 27 December 2006 to stop financial transaction by the Regional Centres who fail to submit their audited accounts for 2005-06 by 31 March 2007, the Council in its meeting held on 21 April 2007 in Kolkata decided to close Sindri Regional Centre as the Regional Centre did not submit its Annual Accounts for 2005-06 by the extended stipulated date and also considering its recent performance/activities.

3) **International Conferences on E-waste and Coal Gasification**

The Diamond Jubilee celebrations of the Institute, to mark its 60-year long service to the society, started with an international conference on e-waste management held on 18th May 2007 in Mumbai. The conference had some renowned experts in the field sharing informative research reports, making presentations and engaging themselves in constructive dialogue on the subject. The objective was to look for a road map that would promote optimum growth with long term sustainability for e-waste management in India. Luminaries present during the event included Mr K Venkataramanan, President, IChE; Mr Partha Ghosh, Chairman, Boston Analytics; Dr Rama Iyer, Chairman, Aker Kvaener; Mr B Sengupta, Member Secretary, Central Pollution Control Board; Mr U K Basu, Director, Indian Oil Corporation Ltd; among others. Delegates from the regional centres at Bangalore, Baroda and Delhi participated through video conference facility.

The second programme of the the Diamond Jubilee celebrations was an international seminar on coal gasification held on 3rd October 2007 in Mumbai. The seminar was addressed by Prof M M Sharma; Prof J Harrison, Chair, IChemE Energy Conversion Group; Mr John Sichinga, Country President, Sasol India; Dr M O Garg, Director, Indian Institute of Petroleum; Mr Amitava Banerjee, Head Technology, Lurgi; Dr B K Sharma, Head – Gasification, CFRI; Mr H S Karangle, Director (Tech), RCF; among others.

4) **Vision IChE**

The Council of the Institute finalized the vision statement of the Institute in its meeting held on 30.06.2007 in New Delhi. It reads as follows:

"The Indian Institute of Chemical Engineers will provide a platform to Indian Chemical & Allied Industry, Academia & Research for continuous education, professional excellence, networking and attaining global recognition.

The Institute will carve a global niche in the field of Chemical Engineering as an institution par excellence and devise mechanisms for innovation and the logical culmination of path-breaking ideas.

The Institute will catalyse an alliance between the government, industry, academia & research to enthuse & invigorate the young and experienced.

The Institute will continuously strive for the progress and well-being of the fraternity, the profession of chemical engineering, a clean environment and the overall betterment of our society.”

15.0 Acknowledgement

The Council expresses its sincere thanks to the Honorary Office Bearers for spending much of their valuable time in

rendering service to the Institute. The Council 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.

Dr. Sudip K Das
Honorary Secretary

Statement of Accounts

For the Year Ended 31st March, 2007

Indian Institute of Chemical Engineers

INDIAN INSTITUTE OF CHEMICAL ENGINEERS
Balance Sheet (Consolidated) as at 31st March, 2007

As at 31.3.06	As at 31.3.07		As at 31.3.06	As at 31.3.07	
Rupees	Rupees	Rupees	Rupees	Rupees	Rupees
	Liabilities			ASSETS	
	General Fund			Fixed Assets (Annexure - A)	
	Balance as per last account	32444716		Closing WDV	10432499
	Add : Excess of income over expenditure	7925311			
	Add : Adj. of O/B A/c-Annamalai	6499		Investments (Annexure - B)	
	Add : Subvention Money A/c Mumbai	17358		Reserve Fund	11472492
		40393884		R & D Fund	700000
33796945	Less : Adj. for interest A/C Mangalore	2350	40391534	Publication Fund	1456000
		14852056		Other Investments	1817467
	Reserve Fund			Corpus Classic Fund	2012971
	Balance as per last account	17946686		Unit Trust of India	17458930
	Add: Addition during the year	99984		Interest accrued (Previous Year)	1035300
	Add: Admission/Transfer Fees	171745		Interest accrued (Current Year)	0
	Life Membership Fees	1164553			113479
17253772		19382968		Investment for Award (Annexure C)	
	Building Fund - Mumbai			Memorial/ National Award	2900100
	Balance as per last account	11500000		CDS Award	4465000
11500000	Add: Addition during the year	1000000	12500000	Other Awards	3588000
				Plough Back Fund	1152000
	Building Fund - Hyderabad			Interest accrued (Previous Year)	12105100
	Balance as per last account	2950000		Interest accrued (Current Year)	80021
2987557	Add: Addition during the year	0	2950000		163371
				Loans and Advances	
	Building Fund - Lote			Advance for Expenditure	1147250
	Balance as per last Account	100000		Recoverables (Proceeds of UTI)	0
100000	Add : Addition during the year	0	100000		
				Income Tax TDS	2160528
	Corpus Fund - Northern				3307778
	Balance as per last account	3321027		Cash and Bank Balances	
3321027	Add : Addition during the year	0	3321027	Cash in hand	77935
				Stamp in Franking Machine	22378
	Seminar Fund - Kharagpur				100313
	Balance as per last account	447662		In Current Account	70559
447662	Less: Expenses during the year	0	447662	In Savings Bank Account	11491325
				In Term Deposit Account	40551775
	Research Endowment Fund - Mumbai				52113659
	Balance as per last account	1000000		Publication Account	
1000000	Add : Addition during the year	200000	1200000	In Savings Bank Account	27512

INDIAN INSTITUTE OF CHEMICAL ENGINEERS
Balance Sheet (Consolidated) as at 31st March, 2007

Balance Sheet Contd..

As at 31.3.06 Rupees	Liabilities	As at 31.3.07		As at 31.3.06 Rupees	ASSETS	As at 31.3.07	
		Rupees	Rupees			Rupees	Rupees
	Research & Development Fund - Mumbai				Suspense A/c - HQ		
	Balance as per last account	400000			Investments (Since 1991-92)	1440050	
400000	Add : Addition during the year	<u>100000</u>	500000		Bank Balance SBI Current Account (Since 1991-92)	<u>445752</u>	1885802
				1885802			
	Endowment for IICHE National Award				Suspense A/c - Publication		
	Balance as per last account	7316100			Fixed Deposit - UCO Bank		
7091100	Add : Addition during the year	<u>250000</u>	7566100		Suspense A/C (Since 1991-92)	45000	
					Bank A/C UCO S/B (Since 1991-92)	173000	
	Bulletine Endowment Fund - Mumbai				Delhi (Since 1991-92)	18983	
	Balance as per last account	750000				<u>2770</u>	239753
750000	Add : Addition during the year	<u>100000</u>	850000	239752			
	Memorial Fund - Head Qtr.						
	Balance as per last account	1551600					
1751600	Add : Addition during the year	<u>500000</u>	2051600				
	R B Chowdhury Memorial Lecture - Mumbai						
200000	Balance as per last account		200000				
	Ramnath Memorial Trust Fund - Hyderabad						
6730	Balance as per last account		5000				
	B.V. Raju Trust Fund						
200000	Balance as per last account		200000				
	SBH- IICT Fund						
	Balance as per last account	160000					
160000	Add : Addition during the year	<u>120000</u>	280000				
	M.P.Cherry Endowment Fund - Hyderabad						
0	Add : Addition during the year		800000				
	Other Funds						
	A/c - Rourkela	43200					
	A/c - Bhubaneshwar	214000					
43200	A/c - Lote	<u>75000</u>	332200				
	Plough back Fund for Grant						
	Balance as per last account	1020869					
1020869	Add: Addition during the year	<u>352236</u>	1373105				

INDIAN INSTITUTE OF CHEMICAL ENGINEERS
Balance Sheet (Consolidated) as at 31st March, 2007

As at 31.3.05	As at 31.3.06		As at 31.3.05	ASSETS	As at 31.3.06	
Rupees	Rupees	Rupees	Rupees		Rupees	Rupees
0	Chemcon - 2005 - Northern		2796782			
	Deposit					
	Balance as per last account	930000				
930000	Add: Addition during the year	135000	1065000			
	Outstanding Liabilities					
	Audit Fees	41488				
427624	Provision for Expenses	657446	698934			
	Suspense					
	Balance as per last account-HQ	19000				
	Balance as per last account-Publication	300				
19300	Add: Addition during the year-HQ	1067	20367			
	Sundry Creditors- Publication					
	A/C - Delhi (Old)-as per last A/C	148				
31238	A/C- Kolkata (Press & Studio)-as per last A/c	31090	31238			
<u>83437724</u>			<u>99063517</u>	<u>83437724</u>		<u>99063517</u>

In terms of our separate report of even date

Dated Kolkata,
The 23rd November, 2007

For B.C.KUNDU & CO.
Chartered Accountants

Dated Kolkata,
The 23rd November, 2007

K. Venkataramanan
President

S. K. Das
Honorary Secretary

S. Das
Honorary Treasurer

(S.Ganguli)
Partner
M.No.54342

AUDITOR'S REPORT

1. We have examined the annexed Balance Sheet of Indian Institute of Chemical Engineers, Kolkata as on 31st March, 2007 and the Income & Expenditure Account for the year ending on that date, annexed thereto, in which are incorporated the accounts of Head Quarter, other Regional Centres and Chemcon, 2006 audited by other Auditors, which are in agreement with the books of account. The reports on the accounts of the Head Quarter and other Regional Centres have been forwarded to us and have been suitably dealt with in framing our audit report.
2. These financial statements are the responsibility of the Institute's Management. Our responsibility is to express an opinion on these financial statements based on our report. We conducted our audit in accordance with generally accepted auditing standards in India. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes examining on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by the management, as well as evaluating the overall financial statement presentation. We believe that our audit provides a reasonable basis for our opinion.
3. Several irregularities were observed in the Accounts up to the accounting year 1991-92 as stated in the Note No. 2.b) to 2.e) of "Notes to Accounts", which led to fraudulent transaction/defalcation causing Loss of Fund (pending under investigation) and subject to a) non-agreement of subvention figures as stated Note No. 2.(f) and (b) non-provision of tax as stated in Note 2.(g) of "Notes to Accounts" (Annexure-D).
4. Further to our comments in Paragraph 2 and 3 above, we state that:
 - a) We have obtained all the information and explanations, which to the best of our knowledge and belief were necessary for the purpose of our audit.
 - b) In our opinion proper books of accounts have been kept by the Institute so far it appears from our examination of such books.
 - c) In our opinion and to the best of our information and according to the explanation given to us said accounts together with the annexure and read with the notes thereon, give a true and fair view:
 - i) in the case of Balance Sheet of the state of affairs of the Institute as on 31st March, 2007 and;
 - ii) in the case of Income and Expenditure Account of the Surplus of the Institute for the year ended on that date.

INDIAN INSTITUTE OF CHEMICAL ENGINEERS
Income & Expenditure Accounts (Consolidated) For the year ended 31st March, 2007

2005 - 2006	2006 - 2007		2005-2006	2006 - 2007		
Expenditure	Rupees	Rupees	Rupees	Income	Rupees	Rupees
	General Expenses			Membership Subscription		
1452963		1400096	61620	Registration Fee	45997	
142753	153178		610076	Annual Subscription	<u>543527</u>	589524
157539	174869					
255998	301939					
552	0					
65064	99750					
93672	145399			Income from Investment		
65661	66366			Interest on Saving Bank Account	229061	
63033	56997			Interest on Fixed Deposit	2983701	
395301	370938		3490527	Interest on Other Investment	<u>298735</u>	3511497
28594	39551			Publication		
31095	99420			(other than seminar/workshop/conference)		
13250	3000			Subscription and sale of publications	79949	
86634	79496		125643	Advertisement in publications	<u>87633</u>	167582
36325	21078			Seminars, Technical Lectures, Workshops, Exhibitions and Conferences		
42222	16572		1960747	Registration Fee	2125694	
20807	22713		9242073	Grant/Sponsorship/Donation	13670637	
234002	339800		1108391	Advertisement	2044888	
192106	190971		376281	Other (Student Chapter/Seminar etc.)	463244	
3304	2416			Exhibition Fees	<u>1641562</u>	19946025
11271	11480			R & D Projects & Technical Consultancy		
	75789		1459385	Examination Fee	1632543	
	10000		102100	Seminar Exhibition Workshop	0	
7435	76853		45565	Award Administrative Re-imbursement	<u>51271</u>	1683814
5378	189408			Regional Centre Awards		
9932	0			Sponsorship/Donation		44907
5500	<u>1500</u>	2549453	0	Annual Get Together		
			18235	Contribution from Members		27775

INDIAN INSTITUTE OF CHEMICAL ENGINEERS

Income & Exp. Accounts Contd

Income & Expenditure Accounts (Consolidated) For the year ended 31st March, 2007

2005 - 2006	2006 - 2007		2005-2006	2006 - 2007		
Expenditure	Rupees	Rupees	Rupees	Income	Rupees	Rupees
	Depreciation			Other Receipts		
937197	Building	852263	2400000	License Fee	2662212	
186958	Furniture	116402	160410	Misc. Income	67291	
72529	Computer	80288	3275	Plant Visit - Regn.Fee	0	
15067	Office Equipment	8547	300000	Receipt from Chemcon,2004	300000	3029503
259886	Plant & Machinery	118425				
1549	Library Books	1687				
0	Generator	4525				
		1182137				
	Publication					
	(other than Seminar/Workshop/Conference proceeding)					
6149	Printing & Stationery	4460				
111447	Postage & Courier Charges	17998				
153858	Paper	22994				
100599	Press & Studio	53986				
24490	ICE Website	58792				
		158230				
	Seminars, Technical Lectures, Workshops, Exhibitions and Conferences					
	Postage & Courier Charges	53133				
	Publicity	1057438				
	Printing & Publication	650723				
	Food & Refreshment	793867				
	Physical arrangement including audio & projection	287299				
	Accomodation of Delegates and Speakers	64364				
	Travelling & Conveyance	328233				
	Stationery	1436				
	Gifts, Momentos & Felicitation	648313				
	Telephone Expenses	6126				
	Photography	7335				
	Meeting Expenses	90955				
	Joint Program Expenses	7500				
	One day Seminar Expenses	1395816				
	Miscellaneous Expenses	5939036				
	Lecture Expenses	79539				
	Cultural Programme	626517				
	Polymer Science & Technology Seminar Exp.	114938				
	Conference & Seminar	92373				
7113315	Honorarium to Speakers	3175				
		12248116				

INDIAN INSTITUTE OF CHEMICAL ENGINEERS
Income & Expenditure Accounts (Consolidated) For the year ended 31st March, 2007

2005 - 2006	2006 - 2007		2005-2006	Income	2006 - 2007	
Expenditure	Rupees	Rupees	Rupees		Rupees	Rupees
R & D Projects and Technical Consultancy						
Revenue Expenditure other than salaries						
305017	Examination	435969				
599800	Administrative Expenses (Exam)	608478				
57751	Library & Document/Seminar Expenses	23027				
469783	Technical Expenses	565567	1633041			
Regional Centre Award						
828779	Award Expenses	183151				
1500	Acharya P.C.Roy Award	1500				
1500	Best Project Contest	1500				
9000	B.V.Raju Meritorium Award	3000				
500	Ramanathan Memorial Prize	0				
60000	Scholarship	94000				
7185	Quiz Competition	0	283151			
29565	Plant Visit		23714			
44123	Annual Get together		45305			
0	Student Chapter Activity	21313				
0	IICHe-HQ - Reimbursement of Bill	35760				
25000	Membership fee to ECI	0				
	Membership fee & Registration	5500				
0	Provision for Reserve Fund	89500				
1500000	Provision for Building Fund - Mumbai	1000000				
	Provision for Research Endowment Fund - ,,	200000				
	Provision for Bulletine Endowment Fund - ,,	100000				
	Provision for Research & Development Fund - ,,	100000	1552073			
5121393	Excess of Income over Expenditure		7925311			
21464328		29000627	21464328			29000627

In terms of our report of even date

Dated Kolkata,
The 23rd November, 2007

K. Venkataramanan
President

S. K. Das
Honorary Secretary

S. Das
Honorary Treasurer

For B.C.KUNDU & CO.
Chartered Accountants
(S.Ganguli)
Partner
M.No.54342

INDIAN INSTITUTE OF CHEMICAL ENGINEERS
SCHEDULE OF FIXED ASSETS-2006-2007
(CONSOLIDATED)

Annexure 'A'

Particulars	GROSS BLOCK				DEPRECIATION		NET BLOCK	
	WDV as on 01.04.2006 Rs.	More than 180 Days Rs.	Less than 180 Days Rs.	Total upto 31.03.07 Rs.	For the Year 2006-07 Rs.	As at 31.03.2007 Rs.	As at 31.03.2006 Rs.	
LAND	399,375.00	0	0	399,375.00	0	399,375.00	399,375.00	
Building	8,755,148.36	61,030.00	16,075.00	8,832,253.36	852,263.04	7,979,990.32	8,755,148.36	
Plant & Machinery	779,659.00	0	41300.00	820,959.00	118,425.00	702,534.00	779,659.00	
Furniture & Fixtures	1,121,971.90	63,990.89	0	1,185,962.79	116,402.22	1,069,560.57	1,121,971.90	
Books	8664.10	84,13.00	0	17,077.10	1,687.00	15,390.10	8,664.10	
Office Equipment	54,027.48	4,612.00	8,500.00	67,139.48	8,547.12	58,592.36	54,027.48	
Computer & Accessories	70,555.73	75,460.00	115,686.00	261,701.73	80,287.64	181,414.09	70,555.73	
Generator(Office Equipment)	30,167.99	0	0	30,167.99	4,525.20	25,642.79	30,167.99	
	<u>11,219,569.56</u>	<u>213,505.89</u>	<u>181,561.00</u>	<u>11,614,636.45</u>	<u>1,182,137.22</u>	<u>10,432,499.23</u>	<u>11,219,569.56</u>	

For B.C.KUNDU & CO.
Chartered Accountants

Dated Kolkata,
The 23rd November, 2007

K. Venkataramanan
President

S. K. Das
Honorary Secretary

S. Das
Honorary Treasurer

(S.Ganguli)
Partner
M.No.54342

INDIAN INSTITUTE OF CHEMICAL ENGINEERS

Annexure 'B'

Schedule of Fixed Deposit for Reserve, R&D, Publication Fund for the year ended 31st March, 2007

Sl No.	Description	S.L. No.	Certificate No.	Effective Date	Date of Maturity intt. %	F D Amount (in Rs.) 1	Intt. accrued up to 31.03.06 invested (in Rs.) 2	Intt. accrued in 06-07 and invested (in Rs.) 3	Intt. accrued and credited (in Rs.) 4	Total FD & Accrued intt. (1 + 2 + 3)	
1	Reserve Fund										
	UCO Bank , Jadavpur										
			1	814905	15.07.2004	15.07.2007	1,000,000		55,000	1,000,000	
			2	814956	30.07.2004	30.07.2007	1,000,000		55,000	1,000,000	
			3	097991	26.07.2002	26.08.2007	100,000		8,252	100,000	
			4	815128	07.10.2004	07.10.2007	500,000		27,500	500,000	
			5	815170	30.10.2004	30.10.2007	79,592		4,376	79,592	
			6	814155	18.11.2002	18.11.2007	100,000		7,252	100,000	
			7	814156	18.11.2002	18.11.2007	100,000		7,252	100,000	
			8	814157	18.11.2002	18.11.2007	100,000		7,252	100,000	
			9	921388	23.12.2002	23.12.2007	102,900		6,944	102,900	
			10	814213	04.01.2003	04.01.2008	125,000		8,436	125,000	
			11	922362	03.03.2003	03.03.2008	150,000		9,376	150,000	
			12	814260	29.03.2003	29.03.2008	400,000		25,000	400,000	
			13	814279	12.04.2003	12.04.2008	400,000		25,000	400,000	
			14	814358	30.07.2003	30.07.2008	500,000		30,000	500,000	
			15	814367	01.08.2003	01.08.2008	365,000		21,900	365,000	
			16	814403	22.09.2003	22.09.2008	50,000		3,000	50,000	
			17	815351	17.01.2005	17.01.2010	1,250,000		81,252	1,250,000	
			18	814549	17.02.2004	17.02.2007	600,000		30,238	600,000	
				582872	24.02.2007	24.02.2010			6,105		
			19	815483	03.03.2005	03.03.2010	300,000		19,500	300,000	
			20	815666	19.04.2005	29.04.2010	500,000		32,500	500,000	
			21	815747	07.06.2005	07.06.2010	500,000		32,500	500,000	
			22	822442	24.03.2006	24.03.2011	700,000		45,500	700,000	
			23	822645	01.07.2006	01.08.2011	700,000	-	-	38,064	700,000
			24	814488	15.12.2003	15.12.2006	300,000		12,375	300,000	
	Corp.Bank, Jadavpur,		477607	27.12.2006	27.12.2011			6,000			
	Bank of Maharashtra, (Rash Benari Ave. Branch)	25	596429	22.12.2003	22.12.2006	800,000		23,000	800,000		
	Corp.Bank, Jadavpur		477615	22.12.2006	27.12.2011			16,000			
	UCO Bank	26	814560	08.03.2004	03.03.2007	350,000		20,124	350,000		
	Corp.Bank, Jadavpur		345722	31.03.2007	28.02.2009						
	Corp.Bank, Jadavpur	27	345650	28.03.2007	28.02.2009	400,000			400,000		
			Subtotal (1)			11,472,492	-	-	664,698	11,472,492	
2	R & D Fund										
	UCO Bank, Jadavpur										
			1	920841	23.11.2004	23.11.2007	100,000		7,000	100,000	
			2	814212	04.01.2005	04.01.2008	300,000		20,252	300,000	
			3	814957	30.07.2004	30.07.2007	200,000		11,000	200,000	
			4	815051	22.08.2004	22.08.2007	100,000		5,500	100,000	
			Subtotal (2)			700,000	-	-	43,752	700,000	

contd..

INDIAN INSTITUTE OF CHEMICAL ENGINEERS

Schedule of Fixed Deposit for Reserve, R&D, Publication Fund for the year ended 31st March, 2007

Sl No.	Description	S.L. No.	Certificate No.	Effective Date	Date of Maturity intt. %	F D Amount (in Rs.) 1	Intt. accrued up to 31.03.06 2	Intt. accrued in 06-07 and invested (in Rs.) 3	Intt. accrued and credited invested (in Rs.) 4	Total FD & Accrued intt. (in Rs.) (1 + 2 + 3)
3	Publication Fund									
	UCO Bank , Jadavpur	1	814584	27.03.2004	27.03.2007	454,000			26,104	45,4000
	Corp. Bank, Jadavpur		345720	31.03.2007	28.02.2009				0	
	UCO Bank, Jadavpur	2	097989	26.08.2002	26.08.2007	200,000			16,500	20,0000
		3	814215	20.01.2003	21.01.2008	320,000			20,000	32,0000
		4	814240	14.02.2003	14.02.2008	157,000			9,812	15,7000
		5	815121	06.01.2004	06.01.2008	125,000			6,876	12,5000
		6	815377	17.01.2005	17.01.2010	200,000			13,000	20,0000
			Subtotal (3)			1,456,000	-	-	92,292	1,456,000
			Total (1+2+3)			13,628,492			800,742	13,628,492
4	Pension Fund									
	UTI 6.60% tax free ARS Bond (Certificate no. 39128501) in lieu of									
	1. Certificate No. 200991150014312 (40,000 Units)					663,900			43,817	663,900
	2. UTI-CRTS-81-029312567(600 Units of Rs.10/-each), 029312568 (900 Units. of Rs. 100/- each)					150,000			22,511	150,000
	3. (628702513 and 628302897) 750 Units of Rs. 100/- each					75,000				75,000
			Subtotal (4)			888,900	-	-	66,328	888,900
			Grand Total (1 + 2 + 3 + 4)			14,517,392	-	-	867,070	14,517,392

For B.C.KUNDU & CO.
Chartered Accountants

Dated Kolkata,
The 23rd November, 2007

K. Venkataramanan
President

S. K. Das
Honorary Secretary

S. Das
Honorary Treasurer

(S.Ganguli)
Partner
M.No.54342

INDIAN INSTITUTE OF CHEMICAL ENGINEERS, KOLKATA - 700 032

Schedule of Investment for Awards & Utilization as per term of Grants for the year ended 31st March, 2007

SI No	Name of Award	FD Amount	Certificate No.	Effective date	Maturity date	Interest during 2006-07	Award Expenses as per terms	Amount available for award and plough back	Amount received for 06-07 awards	Amount ploughed back from 2005-06	Total of 9, 10 & 11	Awards/ Prizes/ Expenses granted	Amount to be ploughed back
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)

Memorial / National Awards

1 Endowment for National Award in the names of

Hindustan Lever	58,000												
Hindustan Dorr Oliver	100,000												
Herdillia Chemicals	135,000												
ICI India Ltd.	50,000											10,680	
Amar Dye Chem	25,000											3,840	
Lala Sriram (DCM Industries Ltd.)	250,000											25,340	
IPCL	100,000												
NOCIL	110,000											10,340	
ONGC	100,000												
	<u>928,000</u>	635,000	814211					04.01.2003	04.01.2008	42,864			
		35,000	814368	01.02.2003	01.02.2008	2,100							
		8,000	815136	10.01.2004	10.01.2008	440							
		150,000	596428	22.12.2003	22.12.2006	4,312							
			477614	27.12.2003	27.12.2011	3,000							
		100,000	596427	22.12.2003	22.12.2006	2,876							
			477613	27.12.2006	27.12.2011	2,000							
	Subtotal (1)	<u>928,000</u>				57,592	-	57,592	-	44,137	101,729	50,200	51,529

2 Prizes/ Lectures in memories of:

Mr Pankaj P Patel	16,000												
Mrs Chinnamaul	5,000												
Prof N R Kuloor	5,000											660	
Prof H L Roy	37,000												
Mr S K Mitra	10,500											819	
Mr K K Das	5,000											580	
Prof N R Kamath	40,000												
Mr C K Murthy	40,000												
Total Endowment	<u>158,500</u>	200,000	097990	16.02.2002	26.08.2007	16,500	1,650	14,850					

Less:

Allocation for Dr H L Roy Memorial Lecture						3,053		3,053					
Allocation for Prof N R Kamath Memorial Lecture						3,300		3,300					

Contd..

INDIAN INSTITUTE OF CHEMICAL ENGINEERS, KOLKATA - 700 032

Annexure - C Contd..

Schedule of Investment for Awards & Utilization as per term of Grants

SI No	Name of Award	FD Amount	Certificate No.	Effective date	Maturity date	Interest during 2005-06	Award Expenses as per terms	Amount available for award and plough back	Amount received for 05-06 awards	Amount ploughed back from 2004-05	Total of 9, 10 &11	Awards/ Prizes/ Expenses granted	Amount to be ploughed back
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
	Allocation for C K Murthy Memorial Lecture					3,300		3,300					
	Allocation for S K Mitra Memorial Prize					866		866					
	Sub total (2)	200,000				5,981	1,650	4,331		(78,349)	(74,018)	2,059	(76,077)
3	Dr H L Roy Memorial Lecture	700,000	815352	17.01.2005	17.01.2010	45,500	4,550	40,950		-	-	-	-
	Add: Allocation for the lecture from SI No (2)					3,053		3,053					
		32,100	345649	28.03.2007	28.02.2009	-	-	-		-	-	-	-
	Sub total (3)	732,000				48,553	4,550	44,003		31,003	75,006	26,240	48,766
4	Kvaerner Powergas India's Prof N R Kamath Medal & Memorial Lecture	375,000	815299	10.12.2004	10.12.2007	21,564	2,156	19,408					
	Add: Allocation for the lecture from SI No (2)					3,300		3,300					
	Subtotal (4)	375,000				24,864	2,156	22,708		73,132	95,840	17,904	77,936
5	C K Murthy Memorial Lecture	60,000	814194	01.01.2003	01.01.2008	4,052	405	3,647					
	Add: Allocation for the lecture from SI No (2)	500,000	477411	01.11.2006	01.12.2011	10,000	1,000	9,000		-	-	-	-
	Add: Allocation for the lecture from SI No (2)					3,300		3,300					
	Subtotal (5)	560,000				17,352	1,405	15,947		10,190	26,137	24,680	1,457
6	S K Mitra Memorial Prize	5,000	814541	26.02.2004	16.02.2007	264	26	238		-	-	-	-
	Add: Allocation for the prize from SI No (2)		477947	09.03.2007	09.02.2009	-	-	-		-	-	-	-
	Add: Allocation for the prize from SI No (2)					866		866					
	Subtotal (6)	5,000				1,130	26	1,104		1,319	2,423	-	2,423
7	Late N R Nandi Memorial Prize	100,000	814491	19.12.2003	19.12.2006	4,125	-	-		-	-	-	-
	Add: Allocation for the prize from SI No (2)		477611	27.12.2006	27.12.2011	2,000	-	-		-	-	-	-
	Sub-total (7)	100,000				6,125	613	5,512		-	1,217	6,729	5,040
	Sub total (Principal for Memorial/National Award)	2,900,100				161,598	10,401	151,197		82,649	233,846	126,123	107,723
	CDS Awards												
8	BetzDearborn - Hercules Award (CDS)	200,000	814908	15.07.2004	15.07.2007	11,000							
	Add: Allocation for the award from SI No (2)	150,000	815372	17.01.2005	17.01.2010	9,752							
	Sub total (8)	350,000				20,752	2,075	18,677		48,658	67,335	13,224	54,111
9	NCL Award (CDS)	200,000	815130	24.09.2004	24.09.2007	11,000	1,100	9,900		(4,469)	5,431	-	5,431
10	Sartorius India Award (CDS)	200,000	815130	24.09.2004	24.09.2007	11,000	1,100	9,900		10,531	20,431	12,756	7,675
11	Hikal Award (CDS)	200,000	815131	24.09.2004	24.09.2007	11,000	1,100	9,900		10,531	20,431	12,756	7,675
12	Depak Group Award (CDS)	325,000	815149	15.10.2004	15.10.2007	17,876	1,788	16,088		34,728	50,816	12,756	38,060

INDIAN INSTITUTE OF CHEMICAL ENGINEERS, KOLKATA - 700 032

Annexure - C Contd..

Schedule of Investment for Awards & Utilization as per term of Grants

SI No	Name of Award	FD Amount	Certificate No.	Effective date	Maturity date	Interest during 2005-06	Award Expenses as per terms	Amount available for award and plough back	Amount received for 05-06 awards	Amount ploughed back from 2004-05	Total of 9, 10 & 11	Awards/ Prizes/ Expenses granted	Amount to be ploughed back
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
13	IICT-Avon Award (CDS)	150,000	815227	08.11.2004	08.11.2007	8,624							
		50,000	815374	17.01.2005	17.01.2010	3,252							
		10,000	814472	06.12.2003	06.12.2006	414							
			477610	27.12.2006	27.12.2011	200							
		210,000				12,490	1,249	11,241		8,141	19,382	12,756	6,626
14	Asian Paints Award (CDS)	500,000	815300	10.12.2004	10.12.2007	28,752	2,875	25,877		111,438	137,315	13,224	124,091
15	Hetero Drugs Award (CDS)	300,000	815373	17.01.2005	17.01.2010	19,500	1,950	17,550		38,829	57,379	12,756	44,623
16	Themis Medicare Award (CDS)	100,000	815480	03.03.2005	03.03.2010	6,500	650	5,850		(26,996)	(21,146)	-	(21,146)
17	Perkin Elmer Award (CDS)	205,000	814490	19.12.2003	19.12.2006	8,457	-	-		-	-	-	-
			477608	27.12.2006	27.12.2011	4,100	-	-		-	-	-	-
	Sub Total (17)	205,000				12,557	1,256	11,301		(4,720)	6,581	12,756	(6,175)
18	United Phosphorus Award (CDS)	200,000	814543	16.02.2004	16.02.2007	10,541	-	-		-	-	-	-
			477945	09.03.2007	09.02.2009	-	-	-		-	-	-	-
	Sub Total (18)	200,000				10,541	1054	9487		(5939)	3,548	12,756	(9,208)
19	CSMCRI Award (CDS)	200,000	813997	20.05.2002	20.05.2007	16,500	1,650	14,850		10,528	25,378	12,756	12,622
20	RPG Life Sciences Award (CDS)	500,000	814105	16.09.2002	16.09.2007	37,500	3,750	33,750		82,263	116,013	13,224	102,789
21	CLRI Award (CDS)	200,000	814154	18.11.2002	18.11.2007	14,500	1,450	13,050		2,436	15,486	12,756	2,730
22	Alkyl Amines Award (CDS)	200,000	814216	20.01.2003	20.01.2008	12,500	1,250	11,250		(12,001)	(751)	-	(751)
23	DOST - S K Sharma Award (CDS)	275,000	814431	17.10.2003	17.10.2008	16,500	1,650	14,850		12,404	27,254	12,756	14,498
24	NEERI Award (CDS)	300,000	815833	25.07.2005	25.07.2010	19,500	1,950	17,550		14,441	31,991	12,756	19,235
	Sub-total (Principal Endowments for CDS Awards)	4,465,000				278,968	27,897	251,071		-	331,803	582,874	179,988
	Other Awards												
25	Dr K Anji Reddy Innovator of the year Award	750,000	815132	24.09.2004	24.09.2007	41,252	4,125	37,127		130,680	167,807	52,756	115,051
26	Pidilite Best Student Chapter Award	250,000	815150	15.10.2004	15.10.2007	13,752	1,375	12,377		1,901	14,278	22,592	(8,314)
27	Prof P Sen Gupta Award for Best IChE Employee	40,000	815375	17.01.2005	17.01.2010	2,600	260	2,340		9,855	12,195	1,040	11,155
28	Sri VV & Smt K V Mariwala Charity Trust												
	Chem Engg Students Sprints Festival Endowment	100,000	815376	17.01.2005	17.01.2010	6,500	650	5,850					
		100,000	813998	20.05.2002	20.05.2007	8,252	825	7,427					
	Subtotal (28)	200,000				14,752	1,475	13,277		59,069	72,346	-	72,346
29	Artemis Biotech Best Master Thesis Award	100,000	815481	03.03.2005	03.03.2010	6,500	650	5,850		(32,131)	(26,281)	-	(26,281)
30	Vical Award for Students Activities	143,000	815482	03.03.2005	03.03.2010	9,296	930	8,366		4,533	12,899	10,200	2,699
31	Prof D K Guha Prize	20,000	814475	08.12.2003	08.12.2006	725	-	-		-	-	-	-
			477612	27.12.2006	27.12.2011	400							
	Sub total (31)	20,000				1,125	113	1,012		(349)	663	1,540	(877)

INDIAN INSTITUTE OF CHEMICAL ENGINEERS, KOLKATA - 700 032

Schedule of Investment for Awards & Utilization as per term of Grants

Sl No	Name of Award	FD Amount	Certificate No.	Effective date	Maturity date	Interest during 2005-06	Award Expenses as per terms	Amount available for award and plough back	Amount received for 05-06 awards	Amount ploughed back from 2004-05	Total of 9, 10 & 11	Awards/ Prizes/ Expenses granted	Amount to be ploughed back
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
32	Late Lakshmi Nanda Kumar Award	100,000	814542 477946	16.02.2004 09.03.2007	16.02.2007 09.02.2009	5,752 -	575 -	5,177 -	-	1,745 -	6,922 -	4,062 -	2,860 -
	Sub total (32)	100,000				5,272	527	4,745	-	2,860	7,605	4,080	3,525
33	Prof G D Yadav & Dr (Mrs) Vasanti G Yadav Award	25,000 25,000	362701 362702	30.06.2002 30.06.2002	30.06.2010 30.06.2010	3,072 3,072	307 307	2,765 2,765					
	Sub total (33)	50,000				6,144	614	5,530		18,006	23,536	-	23,536
34	Mr M Ambani Student Sports Festival Endowment	25,000	362703	30.06.2002	30.06.2010	3,072	307	2,765		9,003	11,768	-	11,768
35	Excel Industries Award for IAS Examination Topper	125,000	362704	30.06.2002	30.06.2010	15,362	1,536	13,826		39,817	53,643	-	53,643
36	Gouri Dutta Award for Schemcon	50,000	477410	01.11.2006	01.12.2011	1,000	100	900	3,000		3,900	2,796	1,104
37	M. P. Chary for activities of Schemcon Student Chapter	200,000	822731	10.08.2006	10.09.2011	9,613	961	8,652			8,652		8,652
	Sub-total (Endowments for Other Awards)	2,053,000				129,740	12,973	116,767	3,000	243,244	363,011	95,004	268,007
38	Chemical Weekly's Awards								25,000	(8,146)	16,854	27,996	(11,142)
39	B P Godrej Life time Achievement Award								150,000	52,179	202,179	130,516	71,663
40	Ambuja Educational Trust's Awards								150,000	151,282	301,282	174,602	126,680
41	A V Rama Rao Best PhD Thesis Award								25,000	(1,869)	23,131	25,190	(2,059)
42	M H Sukla Prizes for Best Tech Paper in Chemcon								5,000	(439)	4,561	5,200	(639)
43	Lupin Lab Best Chem Engg Teacher Award								-	50,000	50,000	-	50,000
44	Shah-Schulman Award								232,858	37,288	270,146	50,432	219,714
	Plough back fund invested												
45		270,000	814357	30.07.2003	30.07.2008	16,200	-	16,200		43,296	59,496	-	59,496
46		210,000	814585 345721	27.03.2004 31.03.2007	27.03.2007 28.02.2009	12,076 -	- -	12,076 -		24,152 -	36,228 -	- -	36,228 -
47		290,000	815746	06.06.2005	06.06.2010	18,852	-	18,852		15,430	34,282	-	34,282
48		250,000	822636 477944	24.06.2006 09.03.2007	19.02.2007 09.02.2009	10,267 -	- -	- -		- -	- -	- -	- -
		250,000				10,267		10,267			10,267	-	10,267
49		132,000	345721	31.03.2007	28.02.2009	-	-	-		-	-	-	-
	TOTAL of Principal	10,570,100				627,701	51,271	576,430	590,858	1,020,869	2,188,157	815,051	1,373,106

Dated Kolkata,
The 23rd November, 2007

K. Venkataramanan
President

S. K. Das
Honorary Secretary

S. Das
Honorary Treasurer

For B.C.KUNDU & CO.
Chartered Accountants
(S.Ganguli)
Partner
M.No.54342

**INDIAN INSTITUTE OF CHEMICAL ENGINEERS
KOLKATA-700 032**

Notes annexed to and forming part of Accounts for the year ended 31st March,2007

1. Accounting Policies :

Significant accounting policies are set out below.

- a) The financial statement are prepared under the historical cost convention generally on accrual basis. Accounting Policies not referred to otherwise are consistent with generally accepted accounting principles.
- b) **Fixed Assets and Depreciation**
 - i) Building is exclusive of cost of plot of land measuring six cottahs allotted by Jadavpur University to be used on specific terms and conditions.
 - ii) Fixed Assets are stated at original cost and net value after charging depreciation.
 - iii) Depreciation is provided at the rate prevailing under Income Tax Act.1961.
- c) **Investment and Income Investment :**
 - a) Investment at cost (Fixed Deposit with banks) are valued at cost and classified in two groups:
 - b) Investments out of Donors' fund received specifically for awards (Annexure – D)
 - ii) Interest accrued and due on fixed deposit has been considered as income for the year.
 - iii) Income from Fixed Deposits out of Donors' Fund for award has been accounted for and utilized as per terms of the donation.
 - iv) Net surplus of income from investment out of Donors' Fund and cost of award given is accounted for as plough back fund.
- d) **Admission fees for Membership**
Admission fees received from different categories of members are directly credited to Reserve Fund as per consistent practice followed.
- e) **Grants Received :**
Grants received are directly credited to Reserve Fund Account as per consistent practice followed.
- f) **Expenses:**
Liability for expenses to the extent known upto cut off date and admissible are estimated and accounted for.
- g) **Retirement Benefits:**
 - i) Payment of gratuity to employees is made pursuant to Service Rule of Institute.
 - ii) Liability for leave salary payable to employees is accounted for on cash basis.
 - iii) Contribution to Provident Fund is charged to accounts as and when incurred.

2. Notes to Accounts

a) Taxes on Income

- i) Department of Scientific & Industrial Research, Ministry of Science & Technology, Govt. of India, has accorded renewal of recognition upto 31st March,2008 vide letter no. II/57/88-TU-V dated April 5, 2005.
- ii) Institute has been approved by the Central Government for purpose of clause (II) of sub-section (I) of section 35 of the Income Tax Act, 1961, read with Rule 6 of the Income Tax Rules, 1962 for period from 1.4.2002 to 31.03.2005 under the category University, College or other Institution partly engaged in research activities (and not as a 'Scientific Research Association' existing solely for research) vide notification no. 212/2005 (F.No.203/49/2003-ITA-II) dated 13.10.2005 issued by Central Board of Direct Taxes, Dept. of Revenue, Ministry of Finance, Government of India.

b) Investment (Annexure-C)

UTI-CRTS 81 UTI Certificate Nos. 628302897 and 628702513 for 750 units of Rs. 100/- each valued Rs. 75,000/- and UTI-CRTS-81-029312567 (600 Units of Rs. 100/- each valued Rs. 60,000/-), 029312569 (900 units of Rs. 100/- each valued Rs. 90,000/- included in Annexure-C, lying with SBI, Jadavpur University Branch were seized by CID West Bengal as informed by the Bank.

c) In operative Bank Accounts (since 1991-92)

Head Quarter

- | | |
|--|--------------|
| i) With UBI, Jadavpur SB Account No. 3810 | Rs. 187.51 |
| ii) With SBI, Jadavpur University – SB A/c.
No. 01100050225 (Certified by Bank) | Rs. 3406.92 |
| iii) SBI, Jadavpur University – CA A/c.
No. 01000050208 | Rs. 22779.89 |

Publication Section :

- | | |
|--|--------------|
| iv) With UCO Bank Jadavpur SB A/c.No. 20184
(Certified by Bank Rs. 23767.30, Un-reconciled amount Rs. 3745/-)
For defalcation of Institute fund involving the above
bank accounts the council at the meeting held on
28.09.91 decided to suspense operation in the above | Rs. 27512.30 |
|--|--------------|

bank accounts pending disposal of legal proceeding.

d) Suspense Account (Credit)

i) Publication section outstanding since 1988-89	Rs.	300.00
ii) Head Quarter Amount recovered from Sri S.Ghosh, Office Assistant, not accounted for Under proper heads in absence of adequate detail. (Outstanding since 1991-92)	Rs.	19000.00

e) Suspense Account (Debit)

Head Quarter

i) Investment (Since 1991-92)	Rs.	1440050.00
ii) Bank Balance SBI, Jadavpur University (Inoperative since 1991-92)	Rs.	445751.77

Sub Total:-

Rs. 1885801.77

Publication:

iii) Fixed Deposit receipts deposited with UCO Bank are missing since 1991-92	Rs.	173000.00
iv) Fixed Deposit with United Commercial Bank Jadavpur Branch, matured but reported to be kept as security by the Bank for a loan of Rs.33,000/-. There being no record of such Loan taken by Institue.	Rs.	45000.00
v) Un-reconciled amount with UCO Bank, SB A/c since 1990-91 (Bank Certificate not received)	Rs.	18982.91
vi) Book balance of Cash, Stamp and Bank Transfer from Delhi Office in 1984 but Amount not received at Headquarters.	Rs	2769.57

Sub Total:-

Rs. 239752.48

f) Subvention to Regional Centre :

In case of Ankleswar, Doaba, Damanjodi, BBSR, Coimbatore, Lote, Kochi Regional Centres subvention from Head Quarter during the year under review were different from the figures shown in the Head Quarter's Account.

g) No provision has been made in the accounts regarding provision for income tax and fringe benefit tax.

h) Previous year's figures have been regrouped/re-arranged wherever necessary.

Dated Kolkata,
23rd November'2007

For B.C. KUNDU & CO.
Chartered Accountants

K.Venkataramanan
President

S.K. Das
Honorary Secretary

S.Das
Treasurer

(S.Ganguli)
PARTNER
M.No. 54342