Indian Institute of Chemical Engineers
Student Chapter

School of Chemical and Biotechnology
SASTRA University

Annual Report

(June 2015 - May 2016)

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IIChE Student Chapter

SASTRA University, Thanjavur

Annual Report (2015 - 2016)

1. Introduction

1.1 About SASTRA

The dreams of its founding fathers took shape in 1984 in the form of Shanmugha College of Engineering which transformed into Shanmugha Arts, Science, Technology and Research Academy (SASTRA). It has carved a niche for itself as a centre of excellence for fostering and developing the body, mind and spirit of its students. The blend of academic excellence and real world experience with moral values has earned a national recognition for the University.A sprawling campus housing a built-up area of over 30,00,000 square feet and a vibrant population of over 10,000 students and over 700 teaching faculty have made SASTRA a landmark in the educational map of India.

SASTRA offers various undergraduate and post graduate courses in Engineering, Science, Education, Management, Law and Arts besides various Doctoral programmes. It has state-of-the-art laboratories, a well-stocked library and one of the best computing facilities. With an ideal teacher-student ratio, it achieves academic excellence through personalized attention. The mechanism was established to support and monitor the student's progress which assures success and satisfaction.

Since its inception, SASTRA has achieved national standing in terms of academic performance, co-curricular and extra-curricular activities and also in its growth and commitment to social service. The standard of excellence of the courses offered in University is reflected in the grades awarded by the National Assessment and Accreditation Council (NAAC) and in the success of the students indulged in industry and academia, both India & abroad.

1.2 About theIIChE Student Chapter at SASTRA University

The Indian Institute of Chemical Engineers (IIChE) Student Chapter at SASTRA University was established on 19thJanuary 2011. Under the aegis of theStudent Chapter, various activities such as guest lectures, technical discussions,quizzes and industrial visits are conducted on regular basis. Apart from these, national level events are also being conducted. Prakriya, the national level technical symposium, the first of its kind by theIIChE Student Chapter was organized in October 2011 and went on to be ahuge success. To continue this proud legacy, the second edition of Prakriya was conducted in October 2012.Prakriya had a variety of events such as oral presentation, poster presentation, working model events, guest lecture, quiz, etc. It also had online events like photography and online treasure hunt. Progressing with the time, IIChE Student Chapter organised its first ever Annual event National Conference on Advances in Processing Engineering (CAPE) in October 2013. With the confluence of guest lectures by eminent persons from academia and industry along with technical presentations, it turned out to be a great success.

The second edition was organised in October 2014, carrying much expertise and insight than previous year with the objective of fostering the art of chemical engineering further. It embraced larger recognition and credits from participants than first edition.

Third edition of CAPE was organised in October 2015. It had guest lectures given by speakers from industry and academia and had more workshops than previous editions of CAPE, thus setting a benchmark for the forthcoming years.

2. Council members for the academic year 2015 - 2016

The council members of the IIChE Student Chapter for the academic year 2015 - 2016 were

S. No.	Designation	Name (Year of Study)
1.	Chairperson	Venkatakrishnan B (IV year)
2.	Vice Chairperson (Male)	Rahul Ganesh (IV year)
3.	Vice Chairperson (Female)	Swetha N (IV year)
4.	Secretary	Karthik R (III year)
5.	Treasurer	SrinidyRavichandran (III year)
6.	Joint Secretary	Srinath S (II year)
7.	Joint Treasurer	Sridhanya H (II year)
8.	Executive Members	Akash L (IV year) NeeleshChandran M(IV year) SundarRamasamy (IV year) MadhuPreetha M (IV year) Jayaram G (III year) Sampath Kumar S (III year) RitiPatra (III year) Sughasini K (III year) Sudharsun V (II year) SindhuKavi V U (II year)

3. New initiatives during the academic year 2015 - 2016

The new initiatives undertaken during the academic year 2015 – 2016 were as follows

1. To celebrate the commemoration of Chemical Engineering as a separate discipline, the IIChE Student Chapter has started celebrating “Chemical Engineering Commemoration Day” on 27th July on account of the birthday of George Edward Davis, the founding father of Chemical Engineering which also included a memorial lecture to foster the values and legacy set by him.

2. Alumni Group for Chemical Engineering Students of SASTRA University has been created.

3. A placement brochure has been designed by the chapter for the Department of Chemical Engineering with the notion to facilitate better placement opportunities for its students in core companies last year. This year the Brochure had been dispatched to various industries.

4. Calendar of activities for the academic year 2015 – 2016

The following activities were conducted during the academic year 2015-2016

- Inaugural function and Chemical Engineering Commemoration Day - 27th July 2015
- Workshop on Process Simulation using Aspen Plus – 22nd August 2015
- Engineer's day Function – 24th September 2015
- National Conference on Advances in Process Engineering (CAPE 2015) – 9th and 10th October 2015
- Chapter day Function – 19thJanuary 2016
- Valedictory function – 5thApril 2016

5. List of Meetings during the academic year 2015 -2016

S.No.	Date of Meeting	Agenda	Number of Members attended
1.	29-06-2015	Discussion on deciding dates for CAPE-15 and IIChE Corpus fund	05
2.	30-06-2015	Discussion with council members about the IIChE election for second year students	10
3.	21-07-2015	Discussion on framing the organising committee for CAPE-15	12
4.	29-07-2015	Discussion with team heads regarding CAPE arrangements	12
5.	21-08-2015	Discussion on CAPE – Important dates, Registration fee, Workshop fee	11
6.	19-09-2015	CAPE – Completed tasks and Incomplete tasks	17
7.	18-02-2016	Discussion on pitfalls of Chapter Day Function and the on deciding the dates for election to select the council members for upcoming academic year	15
8.	23-03-2016	Discussion on works to be done for valedictory function	11

6. Summary of Events

6.1 Inaugurationand Chemical Engineering Commemoration Day of IIChEStudent Chapter 2015 – 2016

The Chapter for the academic year 2015-2016 was inaugurated on 27thJune 2015 at 14.30hrs in JVC Auditorium at SASTRA University.

The function was esteemed by the advent of Dr. N. Balasubramanian, Chairman, IIChE Regional Centre, Chennai.The Annual Report of the previous academic year (2014-15), Placement brochure and Chemunique Magazine were released on this occasion.

Delineated details of the prominent activities till date were highlighted by Mr. B. Venkatakrishnan, Chairperson, IIChE Student Chapter. Following which, Ms. N. Swetha, Vice Chairperson, IIChE Student Chapter, spoke on the credentials of the Chemical Engineering Commemoration Day and also about George E. Davis.

Later, the session was enlightened by the George E. Davis Memorial Lecture, rendered by Dr. N. Balasubramanian. He acclaimed that Chemical Engineers are the base for other engineering professions and are the first to show that sustainable approach is the solution to all problems. He accentuated on the various plans and amenities available in the regional front. He also clarified doubts regarding student chapter activities.

Mr.Sourabh S. Nair, II year, B.Tech. Chemical Engineering was awarded with cash prize for his write-up on "Hiring trends for Chemical Engineering graduates going into industrial employment".

Vote of thanks was given by Mr. Rahul Ganesh, Vice Chairperson, IIChE Student Chapter.

6.2 Workshop on Process Simulation using Aspen Plus

A two day workshop on Process Simulation using Aspen Plus was conducted on 22nd August 2015, exclusively for final students from B. Tech/ M. Tech (Integ.) – Biotechnology, Bioengineering, Chemical Engineering and Control and Instrumentation of SASTRA University. The instructor for the workshop was Dr. P. R. Naren, Senior Assistant Professor, Chemical Engineering, SASTRA University. The workshop was conducted with the aim to provide basic insight into the software.

Aspen Plus (V8.6, Aspen Tech, Inc., USA) software was provided for the benefit of participants. The instructor elaborated on the use of software as a simulation tool, physical property data bank etc. Computation of variation in physical and thermodynamic property with respect to temperature and pressure were discussed in detail. Simulation of individual blocks, namely Flash Drum, Mixer, Heater and Heat exchanger was discussed. At the end, participation certificates were distributed to the participants.

6.3 Alumni Interaction Session

Alumni interaction is always an asset to students currently pursuing their course as the alumni share their exemplary knowledge and experience. Such programs provide alumni with an opportunity to reconnect with their alma mater.The second alumni interaction session under the Chapter held on 22nd September 2015 by one of the former students – Mr.Dhasandhan of 2006 B.TechChemical Engineering batch, SASTRA University to boost the valour of the present students of the department.

Dhasandhan, at present working for the Shell oil company, interestingly belonged to the first batch with class strength of 20 to graduate from the Chemical Engineering Department.His perspectives towards choosing the best field according to an individual's interest were supercharge to the final year students, who are at present edging towards the end of their course and advancing to enter a new phase of their career.He shared to his anxious juniors, the experiences he gained while attending interviews one after the other and the challenges he faced in every process. He was of the opinion that, one of the finest utilization of the concepts learnt at under graduate level can be experienced in practice, only when we work as a part of core-companies.

Dhasandhan, with a cumulative grade point of 6.7 on a scale of 10, was initially hired by SPIC(Southern Petrochemical Industries Corporation Ltd). He openly agreed that his knowledge about the stream, while he graduated was very minimal and SPIC was the hub that abetted him to gain complete awareness. His alacrity towards refinery made him shift jobs to HPCL(Hindustan Petroleum Corporation Limited),ONGC(Oil and Natural Gas Corporation Limited) and finally to Shell.

The few tips he endowed to the future aspirants were that, firstly if we aspire to work in any plant, then being freshers, we should be ready to take the charge of the plant any time, as a Chemical Engineer will not know when opportunities would knock his door.

Secondly, we should not have ego and over-confidence, as both of them will facade us to drip in our performance. He voiced another point that, a brimming asset for an individual to survive in his work place is through the abutment of his Alumni, as they would have with them fettered links of experienced people from other giant companies.

Apart from being well-versed in Chemical Engineering subjects, Instrumentation and process control along with mild touch of Electrical Engineering and Mechanical Engineering is a must for a person to work in any plant. He insisted on 'Economic planning and design' as an emerging area, giving vivid opportunities for Women in industries.

He also relished his memories and recalled his admission at SASTRA. Dhasandhan was left with no other branches of Engineering to choose, other than Chemical Engineering. He said that it was Dr.Vaidhyasubramaniam, who encouraged him to take the course with confidence.

He also spoke on the smarter ways of preparing an resume. He said, highlighting on the various training one underwent during the four years and mentioning about the multitudinalsoftwares learnt are the most crucial up-liftment of a sound resume. Following up, there were a few queries raised by the students regarding his Shell interview experience, work atmosphere for a Chemical Engineer and also about the reasons for the gradual decrease in oil resources.

As a token of acknowledgement, a memento was given to Dhasandhan by the Associate Dean of Chemical Engineering Dr. R. Kumeresan. The session came to an end leaving behind, noteworthy inputs to the young minds of Chemical Engineers.

6.4 Engineer's Day Event

On the occasion of the birth anniversary of Sir MokshagundamVisvesvaraya, IIChE Student Chapter celebrated Engineer's day on 24thSeptember 2015. The function was honoured by Dr. R. Kumaresan, Associate Dean, Department of Chemical Engineering, SASTRA University.

Mr. Chandramouli, final year student of Chemical Engineering department, delivered a speech, highlighting the importance of Engineer's day. The speech touched upon the life and works of ShriMokshagundamVishveswaraya.

The event conducted as a part of the function was to provide solutions to "Industry Defined Problems". Students were asked to provide a feasible solution to a given problem statement and were judged by Dr.R.Kumaresan,Dr.Gautham B Jegadeesan and Dr. V. Ponnusamy.There were fourteen teams who participated in the event and cash prizes were given to the best teams. The event explored the depth of the practical knowledge of our budding engineers exposing them to the problems they will face in the field.

The event was followed by an enlightening lecture delivered by Dr. R. Kumaresan, emphasising on the problems faced by the Engineers of today.Then the department's magazine team, Chemunique, conducted an event in the goodwill of helping our students understand the nuances of aptitude.

The winners of IDP event were announced. Ms.Prinitha K. S. and Ms.ShrinidhiKasthuri R. of second year Chemical Engineering won the first prize, Ms.SathvikaSeshasaveeand Ms.KristipatiBhavana of third year Chemical Engineering won the second prize, and Akash R. of second year Chemical Engineering won the third prize. The prize winners were awarded with cash prize and certificate by Dr. R. Kumaresan and Dr.Gautham B. Jegadeesan. Also Ms. Sadhana of second year Chemical Engineering and Mr.Sreemanth of third year Chemical Engineering were declared the winners for a crosswords event, conducted a week before by Chemunique.

6.5 National Conference on Advances in Process Engineering (CAPE 2015)

Extended Summary

About the conference

National Conference on Advances in Process Engineering (CAPE) is the annual event of the IIChE Student Chapter SASTRA University. For the academic year 2015 – 2016, it was conducted on 9th and 10thOctober 2015. The objective of this conference is to provide an interdisciplinary forum for researchers and engineers to share and discuss their ideas on the emerging issues in process engineering. The conference focuses on all aspects of process engineering such as process development, manufacturing, and product development. The conference aims to promulgate the knowledge of the most recent advances in understanding the fundamentals and in translating the earned knowledge to specific engineering applications. The conference provides an amicable platform for fruitful interaction amongst young students, research scholars, practising engineers, academicians and industry delegates through oral and poster presentations. Guest lecturers from eminent scholars of repute drawn from academia and industry will serve as an impetus to steer and drive the conglomeration towards knowledge sharing.

Themes

- Bio process and Fermentation Technology
- Chemical Reaction Engineering
- Computational Fluid Dynamics
- Corrosion Engineering
- Downstream Processing
- Energy and Clean Fuel Technology
- Fluid Mechanics
- Food Technology
- Health, Safety and Environmental Engineering
- Microfluidics, Microreaction and Nano Technology
- Nuclear Engineering
- Paints and Coatings

- Piping, Process Design and Economics
- Polymer Engineering
- Process Control
- Process Modelling, Simulation and Optimization
- Refinery Process
- Thermodynamics
- Transport Phenomena

List of Invited Speakers

- Dr. G. Dharmalingam, GM (Retd.), BHEL, Trichy
- Dr. K. S. Gandhi, Professor (Retd.), IISc, Bangalore
- Dr. A. Kannan, Professor, IIT Madras
- Mr. G. Sunil Kumar, Chief, Health Safety Environment and Fire, Reliance Petrochemicals
- Dr. R. C. Panda, Principal Scientist, Chemical Engineering, CLRI, Chennai

Sponsors

- Alumni Sponsors
    - Mr.BhargavSathuvalli,
    - Mr. G. Ganapathy
    - Ms. V. Janaka Sudha
    - Mr. V. M. Maruthi Srivathsan
    - Mr. M. Rajasekaran
    - Mr. R. Sarankumar
    - Mr. P. C. Seshasai
    - Mr. B. Subash

- Ms. Theja Pamarthy
- Mr. H. Thiyagarajan
- Ms. V. Vaishali

❖ Individual Sponsors

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- Mr.Dhandapani

❖ Company Sponsors

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Detailed Program Schedule of National Conference on Advances in Process Engineering(CAPE - 2015) 9th and 10th October, 2015

Day 1: 9th October 2015 (Friday)

Time	Session	Speaker
07:00 – 09:00 hr	**Registration** Venue: JVC Entrance	
09:00 - 10:30 hr	**Inaugural Session** Venue: JVC Auditorium	
09:00 - 09:30 hr	Inauguration	
09:30 - 10:30 hr	Plenary Lecture Venue: JVC Auditorium	Dr. K. S. Gandhi, Professor (Retd.), IISc, Bangalore *"Dreams of Chemical Engineers"*
10:30 - 11:00hr	**High Tea**	
11:00 - 12:00 hr	Invited Lecture -1 Venue: JVC Auditorium	Dr. A. Kannan, Professor, IIT Madras *"Mechanism of Adsorption of Solutes"*
12:00 - 13:00 hr	**Lunch**	
13:00 - 16:00 hr	**Scilab Workshop** Venue: JVC Auditorium	
13:00 – 14:30 hr	Session -1	
14:30 - 14:45 hr	**Tea**	
14:45 - 16:00hr	Session -2	
16:00 - 18:00 hr	**Parallel Oral and Poster Presentation**	
	Oral Presentation	Venue: JVC 114
	Poster Presentation	Venue: Outside JVC Auditorium
End of Day 1		

Day 2: 10th October 2015 (Saturday)

Venue: JVC Auditorium

Time	Session	Speaker
09:30 - 10:30 hr	Invited Lecture – 2	Mr. G. Sunil Kumar, Chief, Health Safety Environment and Fire, Reliance Petrochemicals *"Process Safety Management in Chemical Engineers"*
10:30 - 10:50 hr	**High Tea**	
10:50 - 11:50 hr	Invited Lecture – 3	Dr. R. C. Panda, Principal Scientist, Chemical Engineering, CLRI, Chennai *"Modern trends in process Modelling and Control"*
11:50 - 13:00 hr	**Lunch**	
13:00 - 15:30 hr	**DWSIM Workshop**	
13:00 - 14:30 hr	Session – 1	
14:30 - 14:45hr	**Tea**	
14:45 - 15:30 hr	Session – 2	
15:30 - 16:00 hr	**Tea**	
16:00 - 18:00 hr	**Valedictory Session**	
16:00 - 17:00 hr	Valedictory Address	Dr. G. Dharmalingam, GM (Retd.), BHEL, Trichy
17:00 - 17:45hr	Prize and Participation Certificate Distribution	
17:45 - 17:55hr	Vote of Thanks	
17:55 hr	National Anthem	
End of Conference		

The conference began on 9th of October 2015. The guests of honour for the day were Dr. K. S. Gandhi, (Retd) Professor, IISc, Banglore and Dr. A. Kannan, Professor, Department of Chemical Engineering, IIT Madras.

The day began, seeking the blessings of the Almighty. Brightening the occasion further, the celestial kuthuvilaku was lit by our honourable guests Dr. K. S. Gandhi, Dr. A. Kannan, Dr. R. Kumaresan, Associate Dean, Department of Chemical Engineering, SASTRA University, Mr. B. Venkatakrishnan, Chairperson, IIChE, student chapter SASTRA University and Ms. N. Swetha, Vice chairperson, IIChE, student chapter, SASTRA University.

The welcome address was delivered by Mr. B. Venkatakrishnan, Chairperson, IIChE Student, SASTRA University.

The first session for the day focused on the plenary lecture of Dr. K. S. Gandhi, and the second session focused on the lecture of Dr. A. Kannan, Professor, Department of Chemical Engineering, IIT Madras.

Following up, the welcome note of our first eminent guest, Dr. K. S. Gandhi was delivered by Dr. R. Kumaresan, who also highlighted the significance CAPE and declared it open.There was a short audio visual played, featuring the aim of the conference as a mark to the start of a grand edition. The speech delivered by Dr. K. S. Ghandhi was phenomenal and had left a great impact on the minds of the audience.

The second session began with the introduction of our second guest of honour, Dr. A. Kannan. The introduction was given by Ms. Sathvika Seshasayee, III Year Chemical Engineering Student. Dr. A. Kannan then began his awe-inspiring lecture on the theories of adsorption. The speech was yet another inspirational one to the students.

The session ended with a vote of thanks by Mr. Rahul Ganesh, Vice chairperson, IIChE, student chapter, SASTRA University.

The second half of day one had the Scilab workshop conducted by Dr. P. R. Naren, Senior Assistant Professor, School of chemical and biotechnology, SASTRA University.

It was followed by the annual paper and poster presentation events which had participants of from different colleges from other states and from Tamil Nadu. The Professors of Chemical Engineering department of SASTRA University were the judges for both of these events.

The second day of CAPE began with the lectures of two other eminent speakers, Mr. G. Sunilkumar, Vice President, Reliance Petrochemicals, Mumbai and Dr. R. C. Panda, Principal Scientist, Department of Chemical Engineering, CLRI, Chennai.

The first session started with the lecture of Mr. G. Sunilkumar who highlighted the importance of safety and how safety measures should be the foremost thought of a Process Engineer. Sunil Kumar's speech about awareness on safety aspects also included videos that made the audience understand the magnitude of importance that safety holds in a process industry.

The second session contained the lecture of Dr. R. C. Panda, Principal Scientist from Central Leather Research Institute (CLRI), Chennai. He talked about the role played by Process Control and Instrumentation Engineers in a process industry. The practical knowledge gained from his lecture was humongous.

The afternoon of day two had the DWSIM workshop conducted by Dr. P. R. Naren, Senior Assistant Professor, School of chemical and biotechnology, SASTRA University.

The final curtains of the extravagant Conference were drawn with the valedictory function. The guest of honour for the evening was Dr. S. Dharmalingam, Former General Manager, BHEL, Trichy and Visiting Professor, NIT, Trichy. He spoke about the nuances of life and it was a fitting end to the grand event.

The gratitude speech was given by Mr. B. Venkatakrishnan and it was followed by the prize distribution for the winners of the paper and poster presentation events.Prize money worth 5,500 INR was distributed. The organisers of the CAPE received certificates of appreciation from the invited guest Dr. S. Dharmalingam and Dr. R. Kumaresan.

The success of CAPE symbolised the unity the department of Chemical Engineering has at SASTRA University. The National Level Conference on Advances in Process Engineering(CAPE) was concluded after the National Anthem.

6.6 Chapter Day Function

The IIChE Student chapter of SASTRA University organised The Chapter's Day, honouring the establishment of one of the most efficient and beneficial student bodies on 19th January 2016.

The guests of honour for the day were, Mr. M. K. S. Prasad, General Manager, Zirconium complex, NFC, Tuticorin and Mr. K. Viekanandan, General Manager, 'Career Avenues'. The welcome address was followed by a motivational talk by our Associate Dean, Dr. R. Kumaresan. His inspiring talk was the morale boost. The department's magazine Chemunique (Volume 04 issue 03) was released by the guests of honour and the Associate Dean.

Mr. M. K. S. Prasad, General Manager, Zirconium complex, NFC, Tuticorin gave an enlightening lecture on the nuances in the usage of Zirconium and how important it is in relevance to Chemical Engineers. He was presented with a memento by Dr. R. Kumaresan.

The second guest of honour for the day Mr. K. Viekanandan, General Manager,'Career Avenues', gave us a great insight on the benefits of GATE and a few tips on how to crack the tough package. Dr. V. Ponnusami, Professor, Department of Chemical Engineering, presented him with a memento.

Prior to the Chapter's day, an AV quiz was organised by the Student chapter which was held on 18th of January. Noha Alex and Sairam of second year grabbed the first place. Also winner of Aptitude test, which was conducted by Chemunique team on Engineers day, were felicitated with Cash Prizes by our Associate Dean.

The vote of thanks was delivered by SrinidyRavichandran, Treasurer, IIChE Student Chapter, SASTRA University.

6.7 Valediction

To honour the successful completion of the IIChE Student Chapter for the academic year 2015-16, the Valedictory function was celebrated by the IIChE Student Chapter, SASTRA University on 5thApril 2016. This function was held at JVC Auditoriumat 15:00 hrand began with seeking blessings from the almighty.

This function was solicited by Dr. R Jaganmohan, Professor- HOD, IICPT, Thanjavur. The welcome address was given by Mr. Rahul Ganesh, Vice-Chairperson, IIChE Student Chapter. It was followed by Dr. R. Kumaresan, Associate Dean, Chemical Engineering, SASTRA University, addressing the gathering and highlighting the previous year council's success stories.

The guest lecture was delivered by Dr R. Jaganmohan, Professor- HOD, IICPT, Thanjavur. His talk was extremely comprehensive, highlighting the importance and association of Food process technology with chemical engineering.

His talk unfolded many unknown domain in food technology that was relatable to chemical engineering. He also persuaded budding graduate to venture into food industries with new technology. His talk emphasized on simple, economical yet productive tool to match food industries with latest advancement in science and technology. His deep insight and knowledge on the subject was a feast to student audience. He was given a memento as a token of gratitude at the end of his talk.

The placement brochure, the department Souvenir and department magazine ChemUnique (Volume-04, issue-04) were released successively. It was followed by the certificate distribution to the council members of IIChE Student Chapter for the academic year 2015-2016 as a token of appreciation for their unshaken efforts and dedication towards creating a stronger and better chapter. Then new council members were announced by Dr R Kumaresan. The function came to an end with vote of thanks by N. Swetha, Vice- Chairperson, IIChE Student Chapter.

7. Chemunique- The Department Magazine

Chemunique, being a part of IIChE Student Chapter since the academic year 2013-2014 has been steadily progressing by releasing various editions. The Volume 4 Issue 1 was released during the inaugural function of the IIChE Student Chapter held on 27th July 2015, Issue 2 was released during first day of the national level conference (Conference on Advances in Process Engineering) on 9th October 2015, Volume 4 Issue 3 was released during Chapter Day Function on 19th January 2016 and the last edition of this academic year Volume 4 Issue 4 was released during the valedictory function of the IIChE Student Chapter on 5th April 2016. The magazine team for the academic year 2015-16 consists of Raghavi Krishnan, Ragul A. S., RitiPatra, Akash Raman, Ramya R. And Sridhanya H. who belong to III year and II year B.Tech Chemical Engineering.

The magazine publishes articles of students and faculty members. It encourages students to suggest new ideas or new sections for its betterment. Articles based on different areas pertaining to chemical engineering are being promoted through the magazine. It has an interview section where alumni and professors are being interviewed about their experience and areas of interest. It also comprises of interesting puzzles and facts to entertain the readers. The magazine is easily accessible online in the IIChE portal where all the activities under IIChE are being updated regularly.

8. Financial Audit for Academic Year 2015 – 2016

CA.A.SARAVANAN F.C.A.,
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INDIAN INSTITUTE OF CHEMICAL ENGINEERS
STUDENT CHAPTER
SCHOOL OF CHEMICAL AND BIO-TECHNOLOGY
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RECEIPTS AND PAYMENT ACCOUNT FOR THE PERIOD 01/06/15 TO 20/04/2016

RECEIPTS	AMOUNT	PAYMENTS		AMOUNT
To Opening Balance :		By Inaugural expenses		13,997.00
Cash	439.00	By ASPEN Workshop		1,990.00
Bank	75,068.00	By Engineers day		6,520.00
To Il che Schap Fund	56,400.00	By CAPE - Infra		41,092.00
To CAPE - Sponsorship	91,500.00	By CAPE - Hospitality		62,712.00
To CAPE - Scilab Internal Registration	28,000.00	By CAPE - Media Publicity		10,985.00
To CAPE - Scilab External Registration	4,600.00	By CAPE - Marketing		780.00
To CAPE - DWSIM-Internal Registration	8,250.00	By CAPE - Magazine		4,254.00
To CAPE - DWSIM-External Registration	11,250.00	By CAPE - Technical		5,500.00
To CAPE - Conference Registration	4,100.00	By CAPE - Guest Hospitality		28,540.00
To CAPE - Oral Registration	9,200.00	By Chapter Day		9,907.00
To CAPE - Poster Registration	7,400.00	By Valedictory Function		9,310.00
To ASPEN Workshop	8,500.00	By Miscellaneous Expenses		2,655.00
To SB Interest	4,745.00	By Audit Fee		1,500.00
		By Closing balance :		
		Cash	386.00	
		Bank	109,324.00	109,710.00
	309,452.00			309,452.00

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INDIAN INSTITUTE OF CHEMICAL ENGINEERS
STUDENT CHAPTER
SCHOOL OF CHEMICAL AND BIO-TECHNOLOGY
SASTRA UNIVERSITY,TANJORE-613401

INCOME AND EXPENDITURE STATEMENT FOR THE PERIOD 01/06/15 TO 20/04/16

INCOME	AMOUNT	EXPENDITURE	AMOUNT
Il che Schap Fund	56,400.00	Inaugural expenses	13,997.00
CAPE - Sponsorship	91,500.00	ASPEN Workshop	1,990.00
CAPE - Scilab Internal Registration	28,000.00	Engineers day	6,520.00
CAPE - Scilab External Registration	4,600.00	CAPE - Infra	41,092.00
CAPE - DWSIM-Internal Registration	8,250.00	CAPE - Hospitality	62,712.00
CAPE - DWSIM-External Registration	11,250.00	CAPE - Media Publicity	10,985.00
CAPE - Conference Registration	4,100.00	CAPE - Marketing	780.00
CAPE - Oral Registration	9,200.00	CAPE - Magazine	4,254.00
CAPE - Poster Registration	7,400.00	CAPE - Technical	5,500.00
ASPEN Workshop	8,500.00	CAPE - Guest Hospitality	28,540.00
SB Interest	4,745.00	Chapter Day	9,907.00
		Valedictory Function	9,310.00
		Miscellaneous Expenses	2,655.00
		Audit Fee	1,500.00
		Excess of Income over Expenditure	34,203.00
	233,945.00		233,945.00

CA.A.SARAVANAN F.C.A.,
Chartered Accountant

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THILLAINAGAR MAIN ROAD,
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INDIAN INSTITUTE OF CHEMICAL ENGINEERS
STUDENT CHAPTER
SCHOOL OF CHEMICAL AND BIO-TECHNOLOGY
SASTRA UNIVERSITY,TANJORE-613401

BALANCE SHEET AS ON 20/04/2016

LIABILITIES		AMOUNT	ASSETS	AMOUNT
			Deposits	75,000.00
Capital Fund	150,507.00		Cash At Bank	109,324.00
Add:Excess of income			Cash In Hand	386.00
over expenditure	34,203.00			
		184,710.00		
		184,710.00		184,710.00

9. Gallery

Dr. R. Kumaresan, Associate Dean, Department of Chemical Engineering, SASTRA University felicitating Dr. N. Balasubramanian, Chairman, IIChE, CRC, HOD Chemical Engineering, Anna University during Inaugural Function on 27th July 2015

Dr. R. Kumaresan, Associate Dean, Department of Chemical Engineering, SASTRA University delivering Engineers Day lecture on 24th September 2015

Dr. A. Kannan, Professor, IIT Madras,Dr. R. Kumaresan, Associate Dean, Department of Chemical Engineering, SASTRA University and Dr. K. S. Gandhi, Professor (Retd.), IISc, Bangalore during CAPE-2015 (Day 1) on 9th October 2015

Scilab Workshop Session during CAPE-2015

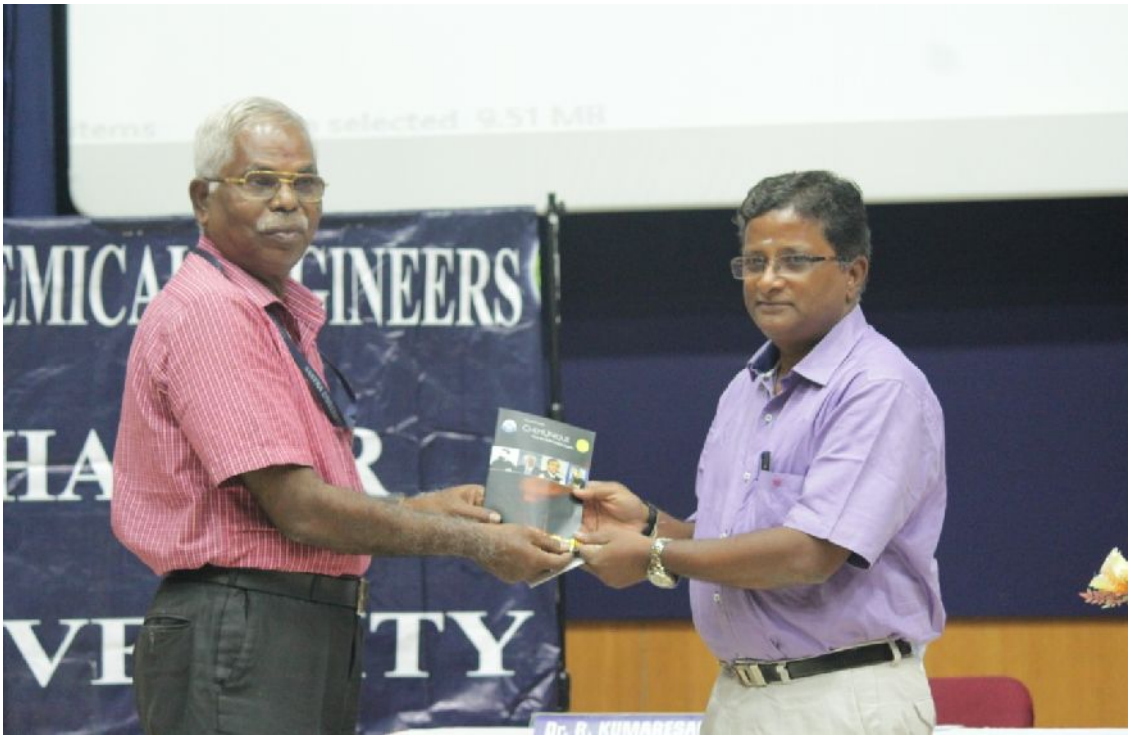
Oral Presentation and Poster Presentation Session during CAPE-2015

Workshop on DWSIM during CAPE-2015 (Day 2) on 10th October 2015

Dr. S. Dharmalingam, General Manager (Retd.), BHEL, Trichy delivering Valedictory lecture of CAPE-2015

Mr. M. K. S. Prasad, General Manager, Zirconium complex, NFC, Tuticorin delivering lecturing during Chapter Day Function on 19th January 2016

Dr. R. Kumaresan, Associate Dean, Department of Chemical Engineering, SASTRA University and Dr. R. Jaganmohan, Professor-HOD, Food Science and Nutrition, IICPT, Thanjavur releasing Chemunique during Valedictory function on 5th April 2016



Council Members of the IIChE Student Chapter, SASTRA University for the academic year 2015-2016

Left to Right:
1st Row Sitting:
R. Karthik, Rahul Ganesh, B. Venkatakrishnan, Dr. R. Kumaresan, N. Swetha, Srinidy Ravichandran,
2nd Row Standing:
S. Srinath, V. Sudharsun, G. Jayaram, S. Sampathkumar, Sundar Ramasamy, M. Neelesh Chandran,
L. Akash, M. Madhu Preetha, Riti Patra, K. Sughasini, V. U. Sindhu Kavi,