Indian Institute of Chemical Engineers

Students' Chapter

School of Chemical and Biotechnology

SASTRA Deemed to be University

Annual Report

(July 2022-May 2023)

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IIChE Students' Chapter

SASTRA Deemed to be University, Thanjavur

Annual Report for the Academic Year (2022-23)

1. Introduction

1.1. 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 and also known for transforming the life of various students all through these years. The blend of academic excellence and real-world experience with moral values has earned 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 all over India and over 700 teaching faculty have made SASTRA a landmark in the educational map of India.

SASTRA offers various undergraduate and postgraduate courses in engineering, science, education, management, law and arts besides various doctoral programmes across the 3 campuses in Tamil Nadu - Thanjavur, Kumbakonam and Chennai. 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. SASTRA Deemed to be University has secured 41strank in engineering and 49thrank in Overall category by the NIRF in the year 2022. SASTRA has been recognized as Category 1 graded institute by the University Grants Commission of the Government of India. SASTRA received the highest grade, 'A++' with a CGPA of 3.76 out of 4 in the fourth cycle of accreditation. This puts SASTRA as the number one university of its type in Tamil Nadu and amongst the top five in the country. Since SASTRA has received the highest grade in the previous three cycles, the validity of this cycle is 7 years.

1.2. IIChE Students' Chapter at SASTRA Deemed to be University

The Indian Institute of Chemical Engineers (IIChE) Students' Chapter at SASTRA Deemed to be University was established on 19thJanuary 2011. Under the aegis of the Student's Chapter, various activities such as guest lectures, alumni G-meets, technical discussions, quizzes and industrial visits are conducted on a regular basis. Apart from these, national level events are also being conducted. Prakriya, the national level technical symposium, the first of its kind by the IIChE Students' Chapter was organized in October 2011 and went on to be a huge success. 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 time, IIChE Students' Chapter organized 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.

National Conference on Advances in Process Engineering (CAPE) is the annual event of the SASTRA Students' Chapter of the Indian Institute of Chemical Engineers (IIChE). 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, practicing 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.

We invite graduating young chemical engineers, postgraduate students, and young research scholars to attend the conference and take an active part in the conference deliberations to keep them abreast with the latest in chemical process engineering.

2. Council Members for the Academic Year 2022-23

The council members of the IIChE Students' Chapter for the academic year 2022-23 were as follows:

S. No	Post	Register No.	Name of the Student
1.	Chairperson	123002046	Sashank Raman J
2.	Vice Chairperson	123002006	Anurethi S
		123002025	Sai Kireeti I
3.	Treasurer	123002029	Kishen R
4.	Secretary	123002051	Gowtham Kumar V
5.	Joint Secretary	124002045	Venkatta Sharma S
6.	Members	123002036	Joharika P
		123002055	Vishnu Vardhan V
		124002003	Aishwariya R
		124002020	Naren Raggavendra S
		124002065	Priyadarshini M
		124002067	Venkatesh M

3. Calendar of Activities for the Academic Year 2022-23

The following activities were conducted during the academic year 2022-23:

S. No	Name of the Event/ Activity	Date
1.	Alumni G - Meet - 28	10th September, 2022
2.	Engineer's day Function (Inauguration Ceremony)	15th September, 2022
3.	PROSIM Workshop	15th October, 2022
4.	CAPE 22	18th -19th November, 2022
5.	GATE 23 Orientation session	07th January, 2023
6.	Talk of the month 04	12th March, 2023
7.	Alumni G - Meet - 29	01st April, 2023
8.	Alumni G - Meet - 30	07th May, 2023
9.	Valedictory Ceremony	15th May, 2023

4. List of Meetings during the Academic Year 2022-23

During the academic year 2022-23, the student council met for & times towards planning various activities. The list of meeting are tabulated below:

S. No.	Date of meeting	Agenda	Mode	No. of members attended
1.	18-Jul-22	IIChE Students' Chapter SASTRA's New Council Introductory Session	Virtual	11/12
2.	05-Aug-21	IIChE Students' Chapter SASTRA Engineer's Day Event Planning	Virtual	11/12
3.	24-Aug-22	First planning Meet of Council & CU with Naren P R	Offline	15/16
4.	29-Aug-22	Follow up of Meeting no.3 and finalizing date for CAPE 22	Offline	11/16
5.	02-Sep-22	Finalizing & discussion of events for Engineers'day function	Offline	15/16

S. No.	Date of meeting	Agenda	Mode	No. of members attended
6.	26-Sep-22	Discussion on the flaws during the Engineers' day function. Planning for hospitality arrangement for ProSimulator Workshop	Offline	12/16
7.	06-Oct-22	Discussion suggestions & ideas to drum up Participants for ProSimulator workshop & Introduction session on various clusters of CAPE.	Offline	09/16

5. List of Events Attended during the Academic Year 22-23

The following meetings were conducted in virtual and face to face mode during the academic year 2022-23.

S No.	Date of Event	Agenda	Mode
1.	10th September, 2022	Alumni G- Meet 28	Virtual
2.	15th September, 2022	Engineer's Day Function	Offline
3.	15th October, 2022	ProSimulator Workshop	Offline
4.	18th & 19th November, 2022	CAPE 22	offline
5.	7th January, 2023	GATE orientation session	Virtual
6.	12th March, 2023	Talk of the month 04 - Dr. Mahesh Nagargoje	Virtual
7.	1st April,2023	Alumni G-meet 29	Virtual
8.	7th May, 2023	Alumni G-meet 30	Virtual

6. Summary of Activities

6.1. Engineer's Day Celebration

The Indian Institute of Chemical Engineers Students' Chapter (IIChESChap) of SASTRA conducted the Inauguration ceremony of the IIChESChap Council for the AY 2022-23 on the 15th September, 2022 coinciding with the celebration of the Engineers' Day, commemorating the birth anniversary of Sir Mokshagundam Visvesvaraya, the great Indian engineer. Second, third, and fourth-year B.Tech. Chemical Engineering students attended the event. The event was ameliorated by the presence of Prof. P. Kalaichelvi, the Head of the Department of Chemical Engineering at the National Institute of Technology, Tiruchirappalli as the Chief Guest of the function accompanied by the faculty from Chemical Engineering, SASTRA.

The event began with an invocation prayer followed by a welcome address by the Chairperson of IIChESChap SASTRA, J. Sashank Raman. The Vice Chairperson, Itha Sai Kireeti, then gave a glimpse of the annual report for the year 2021-22 for the guest's knowledge and subsequently, Vice Chairperson S. Anurethi reviewed the tentative plans for the academic year 2022-2023. Following that, Dr. P. R. Naren addressed the gathering and familiarized the guest with the student culture in the department more closely. This was followed by the swearing-in ceremony of the newly elected council members for the academic year 2022-23. Apart from this, various events such Block & Tackle, Chem - E - Quiz, Debate, Connections were conducted and brought in huge amount of participants.

Volume 11 issue 01 of the in-house student run magazine 'ChemUnique' was released by the chief guest. The event was illuminated by the talk given by the chief guest on 'Career Paths for Chemical Engineers'. After an enticing speech by the guest, the chief guest was presented with a memento as a token of gratitude and appreciation for accepting the invitation and being a part of the evening. The winners of the Engineers' Day events, namely The Debate, Connexions and Chemmovie quiz conducted during the week of Engineers' Day by the council, were announced. The evening reached its climax with a vote of thanks by the Secretary V. Gowtham Kumar.

6.2 PROSIM Workshop

The Indian Institute of Chemical Engineers Students' Chapter SASTRA Deemed to be University (IIChESChap) successfully organized a 1-Day workshop on ProSimulator, a process simulation & operator training tool on Saturday, 15th October 2022. The workshop was preceded over by Mr. Suresh Kumar and Mr. Dhinakar from M/s Sim Infosystems, Chennai. The workshop was attended by students from SASTRA University and nearby colleges, and covered the

simulation of various processes ranging from basic operations to heat exchangers, process utilities to full plant operation.

The workshop began at 09:30 hr on Saturday with the introduction of the Chief Guest by Dr. P. R. Naren. Later, Mr. Suresh Kumar gave a small talk on the importance of process simulators in the industry and how it helps a Chemical Engineer to improvise the design and boost the efficiency of the process. He also gave a brief on how ProSimulator works and basic components of the process simulator. The workshop proceeded all day long with the provision of snacks and lunch and finally came to an end with the provision of participation certificates. The group dispersed after a small photograph ceremony.

6.3 CAPE 22

After a gap of 3 years there was a grand return of the National Conference on Advances in Process Engineering (CAPE 22) at campus (Previous edition was online in 2021) on 18th & 19th of November, 2022. The event was blessed by the presence of the chief guests from both industry and academia - Dr P. Ragupathy, Principal Scientist, Electrochemistry Power Sources Division, CECRI-CSIR, Karaikudi and Mr. A. Ramasubramanian - General Manager-Process, Technip Energy India Limited, Chennai. The auspicious event begun in the morning at 09:30 hrs with a welcome address by Chairperson, Sashank Raman J, followed by Dr. K.S. Rajan, Dean of SCBT, SASTRA who had further inaugurated the event and enthused the students and the chief guest. Later, after a short break, the guest of honour - Mr. A. Ramasubramanian enlighted the students on the “Expectations on the graduates from the company’s perspective”. The stage was further lit by yet another key note speaker Dr. P. Ragupathy who briefed on the “Researches and Advancement in electrochemistry and fuel cells”. After lunch, all the final year students as well as a handful of external students had combined together displaying a humongous number of posters of their mini projects. The presentations were judged by our eminent faculty Dr. S. Rangabashiyam, Dr. V. Alagesan and Mr. Sarvanan.

Though the second day had coincided with the graduation day of the previous batch. On Day 2, a workshop on DWSIM was addressed by Dr. P. R. Naren. There were a large number of participants from both Chemical & Biotechnology students across the 3rd and final years. There was an army of our beloved alumni who showered their affection by their presence on both the days.

6.4. GATE Orientation session by M Subbu academy

The Indian Institute of Chemical Engineers Students' Chapter SASTRA Deemed to be University (IIChESChap SASTRA) delightfully organized an online orientation session for the students of the department of Chemical Engineering at SASTRA University on the specifics of the Graduate Aptitude Test in Engineering (GATE) 2023 for the Chemical engineering (CH) paper. The session was presided over by the ever-remembered professor in Chemical Engineering, Dr. M. Subramanian, colloquially known as M Subbu in the Indian Chemical Engineering society. M Subbu had great interest in virtual education and found the M Subbu academy which serves to provide revision and practice courses in a myriad of subjects in chemical engineering. The professor himself is an ever-present candidate of the GATE exam in chemical engineering annually. Dr. Subramanian went through the basics of the GATE exam in chemical engineering right from the paper pattern to the question weightage in each year. M Subbu also went over a few keynotes on how to achieve a higher score in the GATE-CH exam and the pros of acing the test. He also went over the companies/industries which demand a clearance in GATE for their recruitment procedures and how to perform the best in such interviews. They gave an overview about the various learning packages that the online academy was promising for a better learning and attempting experience. They highlighted the subject wise course with tests, practice questions with stepwise answers and so on. There were also options consisting of all the subjects expected for the chemical engineering GATE aspirants. The climax was nearing, and M Subbu parted with us but leaving behind insightful knowledge and a deep impression on the quote- "Age is not a criteria for learning".

6.5 Talk of The Month

The 'Talk of the month' series is a virtual talk series given by external experts from industry and academia on chemical engineering. This virtual talk series acts as a shared platform for the current students and the chemical engineering graduated alumni of SASTRA to interact and gain knowledge from invited speakers. The talk series are recorded and curated at the IIChE SASTRA Chapter YouTube Channel: https://www.youtube.com/user/IIChESASTRAChap.

The fourth series of IIChESChap SASTRA successfully conducted the Talk of the Month on the 12th of March 2023. The talk was given by Dr. Mahesh Nagargoje, Project Research Scientist at the Indian Institute of Technology, Madras (IIT-M). He pursued his doctorate in Computational Fluid Dynamics (CFD) and has made significant contributions to the field, particularly regarding fluid flow in biological systems. With his immense experience and knowledge, he shared the lecture on the lucrative topic of *"Patient-specific cardiovascular*

modeling: An affair between medicine and engineering". The lecture was attended by students and alumni of SASTRA

Dr. Mahesh started with introducing all to the physiological system and how various scientists had tried to understand it and made discoveries while studying it. He then spoke about how fluid mechanics plays the major part in such a complex system of intricate nerves and capillaries. Dr. Mahesh also pointed out the problems caused when this system of flow is manhandled- Stroke, Myocardial infarction and Angioplasty.

Then, the relation between CFD and such biological sciences became evident as he spoke on neural modeling of such systems and how CFD can help device instruments which can retrace back the normal operation of biological flow phenomena. Then the session concluded with students and alumni having their doubts cleared by Dr. Mahesh. The query session was enclosed by vote of thanks and memento presentation. The talk series are recorded and curated at the IIChE SASTRA Chapter YouTube Channel:IIChESChap: Talk of the Month 04: Dr. Mahesh Nagargoje, IIT M.

6.6. ChemUnique and the Podcast Channel

The ChemUnique is an in-house magazine of the department. It is a completely student-driven magazine launched in the year 2014, and has successfully published ten volumes since inception. This magazine is a platform for the current students to hone their technical writing skills apart from keeping themselves updated about the recent advancement in the field of chemical engineering and allied fields. This academic year, the team released the two issues of Volume-11 during two events hosted by the chapter. The Volume-11 Issue-01 of the magazine was released offline on the occasion of the ' Engineer's Day Function' conducted on 15th September 2022 by Dr. Kalaichelvi ma'am. The Volume-11 Issue-02 of the magazine was released offline at the inaugural CAPE 22 celebration held on 18th November 2022. Unlike last year, both issues of the magazine were released offline and both the issues had some really interesting articles and experiences. The member who beautifully crafted the magazines are Venkatta Sharma S, Harshini Boopathy, Santosh, Parvathy Suresh, Rekha, Kanisha. The e-copies of the magazine are available at the below-mentioned link: https://sites.google.com/a/sastra.ac.in/iicheschap/chemunique.

Similarly, the podcast teams also grew to tremendous heights by breaking the benchmarks and setting up into a more higher standard this year by growing to 5th rank in Top 25 Chemical Engineering Podcasts across the globe mentioned by FeedPost Blogs. The informative contents were jointly made by Haariz, Athithya Narayanan, Shwetha Pichaimani, Lalith Adithya. They had streamed their amazing episodes in Spotify as well as other podcast channels which can be listened

at https://open.spotify.com/show/0yWvKooFmIyCkqA4Ip1PrA?si=279f36c0ac674765.

6.7 Alumni G-Meet Series

The continuation of face-to-face mode of conducting classes and events continued to this year since the lockdown had come to an end. This facilitated the organization of a few more Alumni G-meet series that aimed to establish a good connection with alumni and the present batch of students. This year had a hat-trick of 3 alumni members of the 2019 batch and made it special by reaching a milestone of 30 Alumni G - Meet Series.

7. Internships and MOOC Courses

Internships are vital for engineering students to acquire technical skills and learn professional ethics. A considerable number of students undertook the Online Summer Internship Programme (IIChE-OSIP) offered by IIChE, Kolkata to hone their skills in disciplines such as domestic and agricultural solar energy management, industrial environmental pollution management and petroleum refinery engineering. The students had a chance to learn from the experts in the 16 respective fields.

7.1 MOOC Courses

S No.	Registration No.	Name of the Student	Duration	Type	Course	Institute
1.	123002014	Bhuvaneswari V	1st July – 31st October, 2022	Honours	Hydrogen Energy: Production, Storage, Transportation and Safety	IIT Bombay
2.	123002015	Chavali Sri Bramaramba Lakshmi	25th July – 14th October, 2022	Honours	Vacuum Technology & Process Application	IIT Kharagpur
3.	123002015	Chavali Sri Bramaramba Lakshmi	23rd January – 14th May, 2023	Honours	Membrane Technology	IIT Guwahati

7.2 Internships

The following were the Internships that various students underwent in the academic year 2022-23.

S. No	Registration number	Name of the Student	Type of Internship	Industry / University
1.	123002015	Chavali Sri Bramaramba Lakshmi	In-Plant Training Program at Nuclear Training Centre, MAPS	Madras Atomic Power Station, Kalpakkam
2.	123002019	Gouri K L	In-Plant Training Program at Nuclear Training Center, MAPS.	Madras Atomic Power Station, Kalpakkam
3.	123002041	Rahul K	Industrial Training	Tamilnadu Petro Products Limited (TPL).
4.	123002041	Rahul K	Production Of LABSA And Plant Expansion	Ultramarine And Pigments Limited
5.	123002045	Santhosh T	Simulation Of Hydrogen Production from Biomass in ASPEN PLUS Environment	National Institute of Technology Tiruchirappalli
6.	123002051	Gowtham Kumar V	Computer Simulation of Solid Oxide Fuel Cell in ASPEN PLUS	National Institute of Technology Tiruchirappalli
7.	123002057	Vishal K	To Study and Analyse the Production of Caustic Soda from Sodium Chloride by Electrolysis Process	DCW Limited
8.	123002058	Yaksana S V	Use Of Coal Gasification to Indigenous Urea Production	The Center for Study Of Science, Technology And Policy (CSTEP)
9.	123002058	Yaksana S V	Computer Simulation of Solid Oxide Fuel Cell in ASPEN PLUS	National Institute of Technology Tiruchirappalli

S. No	Registration number	Name of the Student	Type of Internship	Industry / University
10.	124002001	Abishek R	In-Plant Training	Ultramarine & Pigments Ltd.
11.	124002001	Abishek R	In-Plant Training	Aurobindo Pharma Limited
12.	124002003	Aishwarya R	Glass Manufacturing	Saint Gobain, S21, Industrial Park Road
13.	124002008	Harshini Boopathy	Industrial Training	Shamal Plastic Industries LLC
14.	124002012	Kavin V S	In-Plant Training	CPCL Chennai Petroleum Corporation Limited
15.	124002014	Kishoreraja S	In-Plant Training at Industry Manufacturing Precipitated Calcium Carbonate	Aranthangi Chemical Products Limited
16.	124002014	Kishoreraja S	Nanobiotechnology Internship	Edu Fabrica
17.	124002015	Lavanya S	Electro Plating and Heat Treatment	Heavy Vehicles Factory, Avadi
18.	124002020	Naren Raggavendra S	In-Plant Training at Aurobindo Pharma Ltd.	Aurobindo Pharma Limited
19.	124002031	Durgavajjala Sai Sameer	Overview Of Chemical Processing Units	Aurobindo Pharma Limited
20.	124002033	Santosh Bhuvan R	In-Plant Training	Chennai Petroleum Corporation Ltd
21.	124002037	Sudharsan R	In Plant Training at Industry Manufacturing Precipitated Calcium Carbonate	Aranthangi Chemical Products Limited
22.	124002044	Varshini R	In-Plant Training	Balmer Lawrie & Co.Ltd,Manali

S. No	Registration number	Name of the Student	Type of Internship	Industry / University
23.	124002045	Venkatta Sharma S	In-Plant Training at Industry Manufacturing Precipitated Calcium Carbonate	Aranthangi Chemical Products Limited
24.	124002045	Venkatta Sharma S	Nanobiotechnology Internship	Edu Fabrica
25.	124002049	Adhithyaa L K	In-Plant Training	Chennai Petroleum Corporation Ltd
26.	124002049	Adhithyaa L K	In-Plant Training	Chennai Petroleum Corporation Ltd
27.	124002052	Kaviraj S K	In-Plant Training	Southern Petrochemical Industries Cooperation (Spic)
28.	124002065	Priyadharshini M.	Glass & Mirror Manufacturing	Saint Gobain Glass India Limited - World Glass Complex
29.	124002067	Venkatesh M	In-Plant Training	Tamil Nadu
30.	124002071	Shivani V	IOT And Its Application in Plant Automation	IIChE-Kolkatta
31.	124002071	Shivani V	Internship Training on How Various Plant In The Industry Works.	Balmer Lawrie & Co.Ltd,Manali
32.	124002073	Haariz J A	Overview of Production of API, Chemical Processing Unit, Control of Process Through Software sand R&D	Orchid Pharma Ltd.

S. No	Registration number	Name of the Student	Type of Internship	Industry / University
33.	124002073	Haariz J A	Overview Of Production Of API, Chemical Processing Units And R&D	Aurobindo Pharma Limited
34.	125002048	Uddhavan B L	Dry Lab Training	Dalmia Cements Bharat
35.	125002056	Narmada SB	Electric Vehicle Technology Pathway and Industrial Environment and Pollution Control and Management (Ev-Iepm)	Terra Green Technologies (Ostp-Iiche)

8. Student Recognition

8.1 Talent Recognition of Student's in Events

- SCHEMCON -22 is annually conducted by IICHE was organized and held at NIT, Warangal on 23rd & 24th of September, 2022. Venkatta Sharma S of 3rd year and Sashank Raman J of 4th year together teamed up and got selected for the final round of oral presentation.
- Similarly, 2 students Aravindhan S of 4th year and Bharath Kumar of 4th year under the guidance of Mr. Saravanan had teamed up for a poster presentation for a conference hosted by Pondicherry University in 10th & 11th of March.

8.2 GATE Score

This year had witnessed some marvellous AIR in the recent times from Chemical Engg Department.

S No.	Name of the Student	GATE Score	Rank
1.	Chavali Sri Bramaramba Lakshmi	619	256
2.	Itha Sai Kireeti	603	301
3.	Pavithran S	337	2261

9. Projects

9.1 External Projects:

The external projects are done in renowned industries or universities by various students to enrich themselves. Here is the list of the various final semester external projects done by the students in the academic year 2022-23.

S. No	Registration Number	Name of the Student	Guide Name	Institute/Industry
1.	123002004	Ajaay Arawinth S	Mr. N Aadarsh	Oil and Natural Gas Corporation
2.	123002006	Anurethi S	Dr.Rajesh Kumar Polgani	IIT - Madras Research park
3.	123002008	Aravinth R	Dr.T.Mohan	IIT - Madras Research park
4.	123002010	Aswin.R	Dr. Debdyuti Mukherjee	IIT - Madras Research park
5.	123002011	Azarudeen N	Dr. Prithi Jayaraj	IIT - Madras Research park
6.	123002012	Balaji G	Dr. Priji C	IIT - Madras Research park
7.	123002013	Bharani Kumar V	Mr. Rajiv Gandhi	Dalmia Cements Bharat Limited,
8.	123002015	Chavali Sri Bramaramba Lakshmi	Dr. Ratul Dasgupta	IIT Bombay
9.	123002016	Dineshkumar M	Mr. Rajesh Natarajan	Tanfac Industries Limited
10.	123002020	Gowtaam Kumar K S	Mr.Sandeep Suddapalli	Koppert Sustainable Solutions India Ltd
11.	123002022	Harini T	Dr. D Siva prahasam	IIT - Madras Research park
12.	123002023	Harini V J	S. Loganathan	RCI,Defence Research & Development Org (DRDO)
13.	123002025	Sai Kireeti I	Prof. Partha S. Goswami	IIT Bombay

S. No	Registration	Name of the Student	Guide Name	Institute/Industry
14.	123002027	Kaushigan M	Mr. Vadivelu	Ultramarine and Pigments Limited (UPL)
15.	123002028	Kaviya P	Mr. Rajesh Natarajan	Tanfac Industries Limited
16.	123002029	Kishen R	Dr. Dev Mohun Mohunta,	Commercial Chemical and Development Company
17.	123002032	Nandha G	Dr.Bijoy Kumar Das	IIT - Madras Research park
18.	123002039	Pavithran S	Mr.Sandeep Suddapalli	Koppert Sustainable Solutions India Ltd
19.	123002041	Rahul K	Mr. Vadivelu	Ultramarine and Pigments Limited (UPL)
20.	123002042	Ramabathran	Mr. Rajesh Natarajan	Tanfac Industries Limited
21.	123002045	Santhosh T	Mr.Sandeep Suddapalli	Koppert Sustainable Solutions India Ltd
22.	123002046	Sashank Raman J	Dr. G. Arthanareeswaran	NIT - Trichy
23.	123002047	Siddhant Singh	Mr. Anand Shukla	CO & CCD Dept. Bhilai Steel Plant
24.	123002049	Subramji R	Mr. Rakesh Vankayala	Bharat Petroleum Corporation Limited
25.	123002050	Tejas G B	Dr. Dev Mohun Mohunta,	Commercial Chemical and Development Company
26.	123002051	Gowtham Kumar V	Dr. Abhijit Chatterjee	IIT Bombay
27.	123002058	Yaksana S V	Dr. Murli R Anathakumar	CSTEP, Bangalore
28.	123002059	Vishal K		DCW Limited

9.2 Internal Projects

Internal Projects are done under the guidance of distinguished faculty at SASTRA Deemed to Be University. These are the various final semester projects done by various students in the academic year 2022-23.

S No.	Registration Number	Name Of the Student	Guide Name
1.	123002001	Aakash A	Mr. M. Sarvanan
2.	123002002	Achanta Srinivasa Kalyan	Dr. P. R. Naren
3.	123002003	Agalya S	Dr. S. Rangabhashiyam
4.	123002007	Aravindhan S	Mr. M. Sarvanan
5.	123002014	Bhuvaneswari V	Mr. M. Sarvanan
6.	123002019	Gouri K	Dr. P. R. Naren
7.	123002031	Meena Suruthi S	Dr. K. S. Rajan
8.	123002033	Naveen Kumar B	Dr. K. R. Sugumaran
9.	123002035	Oviya S V	Dr. S. Rangabhashiyam
10.	123002036	Joharika P	Dr. S. Rangabhashiyam
11.	123002037	Supraja P	Dr. S. Rangabhashiyam
12.	123002040	Gopal Raju P	Mr. M. Sarvanan
13.	123002043	Rufina Jenifer V	Dr. Hemalatha Karnan
14.	123002044	Saai Arjun N	Dr. V. Alagesan
15.	123002048	Sriharini.S	Dr. K. S. Rajan
16.	123002052	Vaishnavi A S	Dr. V. Alagesan
17.	123002054	Varsha H	Dr. V. Alagesan
18.	123002055	Venna Pusala Vishnu Vardhan	Dr. P.R. Naren
19.	123002056	Vilashini R	Dr. V. Alagesan
20.	123002059	Yedida Srinivas Kalyan	Dr. S. Selva Ganesan
21.	123002091	Bharath Kumar G	Mr. M. Sarvanan

9.3 Projects through Campus Placement:

These are the projects that have been done by students through the campus placements in the academic year 2022-23.

S No.	Registration Number	Name of the Student	Company
1.	123002009	Ashwath Kumaran B	Psiog Digital
2.	123002024	Harshan Lancele	Koppert Sustainable Solutions India
3.	123002034	Nivetha B	MindTree
4.	123002038	Paramasivam M	Zoho Corporation

10. Gallery

10.1 Engineer's Day Function

10.2 PROSIM Workshop

10.3 CAPE 22

CHEMICAL ENGINE
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Indane
Dr. K.
CHAIRPERSON

VISION
MISSION
CAPE
2022

VISION
MISSION

SASTRA
DEEMED TO BE UNIVERSITY
THANJAVUR · KUMBAKONAM · CHENNAI
CAPE 22
POSTER PRESENTATION 2022

11. Financial Audit for the Academic Year 2022-23

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

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

RECEIPTS AND PAYMENT ACCOUNT FOR THE PERIOD FROM 01.04.2022 TO 31.03.2023

RECEIPTS	Amount in.Rs		PAYMENTS	Amount in.Rs	
To Opening Balance :			By Engineers Day		15,680
Cash	736		By Prosim Workshop		16,391
Bank - Fixed Deposit	1,18,763		By Miscellaneous Expenses		3,867
Bank Balance	2,10,233	3,29,732			
			CAPE - Expenditure :		
To Bank SB Interest	5,844				
To Bank FD Interest	6,193	12,037	CAPE'22	85,741	
			CAPE - Courier	631	
Prosim Workshop		8,468	CAPE - Memento	1,000	
Corpus Fund		38,100	CAPE - GST	315	
IIChE badges		2,440	CAPE - Price amount	3,900	91,587
IIChE Subvention for the year 2021-22		8,000			
			By Closing Balance :		
CAPE - Income :			Cash in Hand	4,855	
			Bank Balance	2,06,427	
CAPE - Workshop		12,540	Bank FD Balance	1,24,956	3,36,238
CAPE - Sponsorship		49,501			
CAPE - Conference		2,945			
		4,63,763			4,63,763

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C-95, 5th CROSS, THILLAI NAGAR
TRICHY- 620 018.

MOORTHY SQUARE, IIND FLOOR, C-95, Vth CROSS,THILLAINAGAR MAIN ROAD,
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CA.A. SARAVANAN F.C.A.,
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SASTRA DEEMED TO BE UNIVERSITY,TANJORE-613401

INCOME AND EXPENDITURE STATEMENT FOR THE PERIOD FROM 01.04.2022 TO 31.03.2023

INCOME	Amount in.Rs		EXPENDITURE	Amount in.Rs	
Bank SB Interest	5,844		Engineers Day		15,680
Bank FD Interest	6,193	12,037	Prosim Workshop		16,391
			Miscellaneous Expenses		3,867
Prosim Workshop			CAPE - Expenditure :		
Internal	5400				
External	3068	8,468	CAPE'22	85,741	
Corpus Fund		38,100	CAPE - Courier	631	
IIChE badges		2,440	CAPE - Memento	1,000	
IIChE Subvention for the year 2021-22		8,000	CAPE - GST	315	
			CAPE - Price amount	3,900	91,587
CAPE - Income :					
			Excess of Income Over Expenditure		6,506
CAPE - Workshop		12,540			
CAPE - Sponsorship		49,501			
CAPE - Conference		2,945			
		1,34,031			1,34,031

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BALANCE SHEET AS ON 31.03.2023

LIABILITIES	Amount in.Rs		ASSETS	Amount in.Rs	
Capital Account :			**Advance & Deposit :**		
Capital Fund		3,29,732	Deposits		1,24,956
Add : Excess of Income Over Expenditure	6,506	6,506			
			Cash & Bank Balance :		
			Cash In Hand	4,855	
			Cash At Bank	2,06,427	2,11,282
		3,36,238			3,36,238

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