

## Newsletter

# The Catalyst

(Accelerating your Growth rate)

Issue - III, January, 2023

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# Department of Chemical Engineering

## Vision

To be a leader in Chemical Engineering Education and Research by providing balanced learning and fostering research to enable the learners to meet the challenges of process industries and societal needs.

## Mission

The Department of Chemical Engineering strives to produce graduates who practice Chemical Engineering professionally and ethically in a competitive global environment and contribute to the betterment of society, thereby focusing on the development of engineers to foster innovation through proficiency and effective communication.

## Motivation: Alumni page

The prominent alumni of 2003-2007 batch , Dr.Ramanan, Senior Manager, INTEL, USA, had motivated young students of B.Tech Chemical Engineering and interacted with faculty members of Department of Chemical Engineering; where he emphasized the importance of learnings at SVCE, in his career.



## Department Recognition: Students Chapter Award

Indian Institute of Chemical Engineers (IChE), Kolkata has awarded SVCE - IChE student Chapter the second best student chapter award out of 182 Student Chapters across India.



**Award Name: Ambuja's Best Student Chapter Award 2022**

**Sponsored by: Mr N Satyanarayan Sekhsaria, Managing Director, Gujarat Ambuja Cement Ltd. & Trustee, Ambuja Educational Institute, 106 Maker Chambers III, Nariman Point, Mumbai 400 021.**

**Certificate, Trophy and Cash prize of Rs. 10,000.**



## Internship/Inplant Training: Process Industries/ Societal needs

The following third year students of B.Tech Chemical Engineering has undergone internship at “Indian Space Research Organisation, IPRC-ISRO Propulsion complex, Mahendragiri, India”, and “Indian Institute of Technology, Madras”, during their short semester break.

isro propulsion complex

sudharshan v

iit madras

hariharasudhan n

wesley caleb m

abirami g n

sajin r

jothi ganesan m

charulatha g

paveenraj d s

## Fostering Research: Awards & Achievements:

The following students have reported the participation in technical events during the month of January 2023 have been decorated in the wall of names below.

ovviya s

mukundan m

v gayathri

## Faculty Industrial Training: Train the trainer

Dr. G. Sudha, Associate Professor; Dr. N.P. Kavitha and Dr. M. Srividhya, Assistant Professor, Department of Chemical Engineering, has been trained on the topic “Technological developments in Waste Water treatment” at IQ WATER System Private Limited, Kolathur, Chennai. during 09.01.2023 to 14.01.2023.



## Industrial Consultancy:

With reference to the work order of M/s. Crevac Tech Private Limited (CREVAC TECH), Chennai a consultancy work on “CFD Simulation and Bubble Behaviour Analysis”; has completed and awarded the consultancy charges of Rs.2,95,000.

Faculties involved: Dr. N. Meyyappan, Professor and HOD.

Mr. S. Jai Ganesh, Assistant Professor.

## Journal Publication

Dr. M. Srividhya, Assistant Professor, has published a paper "*Isolation and characterization of amentoflavone - BSA coated polymer nano particles using Cassia fistula leaf extract against antibacterial and anticancer activity*", in the Springer journal of Biomass Conversion and Biorefinery.

## Recent Campus Placement:

Total two students of final year B.Tech Chemical Engineering, have secured campus placement in M/s.Saint Gobain Limited, and a student of final year bagged the offer from M/s. Emerson. The respective students have decorated the wall of names below

maheshwari r  
cibinandhan k  
sai durga shoba r

## Extra - curricular activities:

The following students of B.Tech Chemical Engineering have reported to attend the Annual Camp organized through National Cadet Crops (NCC) and National Service Scheme (NSS).

Students Name: Ms. Ovviya.S and Ms. P R.K.Anusha

And final year students of B.Tech Chemical Engineering, has been actively involved in Outreach program - "AB INITIO" - A State Level Science Expo for 9th - 12th class students across the state at SVCE, conducted to Commemorate Republic Day and the National Science Day

Organizer: The Student Council and Science Club, SVCE.



Programmes run by the Department of Chemical Engineering are,

- **B.Tech Chemical Engineering**
- **M.Tech Chemical Engineering**
- **Ph.D**

**B.Tech CHEMICAL Engineering – PROGRAMME SPECIFIC OUTCOME's**

**PS01: Apply the knowledge of science and mathematics in the field of various transport processes to accomplish the contemporary needs of chemical and allied industries.**

**PS02: Execute the chemical engineering principles and modern engineering tools to conduct experiments or design a system for developing quality chemical processes by considering the cost, safety and environmental aspects.**

**M.Tech CHEMICAL Engineering - PROGRAMME SPECIFIC OUTCOME's**

**PS01: Apply the knowledge of science and mathematics in the field of various transport processes to accomplish the contemporary needs of chemical and allied industries.**

**PS02: Execute the chemical engineering principles and modern engineering tools to conduct experiments or design a system for developing quality chemical processes by considering the cost, safety and environmental aspects.**