



AISSMS

COLLEGE OF ENGINEERING

ज्ञानम् सकलजनहिताय

An Autonomous Institute Affiliated to Savitribai Phule Pune University
Approved by AICTE, New Delhi and Recognised by Govt. of Maharashtra
Accredited by NAAC with "A+" Grade | NBA - 7 UG Programmes



Department of Chemical Engineering

Student's achievements

Term 1 & II 2025-2026

Date: 10/06/2026

Class BE

1. **Samruddhi Suryavanshi BE 22CH0** received the **Wenyan Scholarship** from BASF Chemicals India Pvt. Ltd., on 31 october 2025, awarded **₹10,000 per month for three months**, along with an official letter and award money.



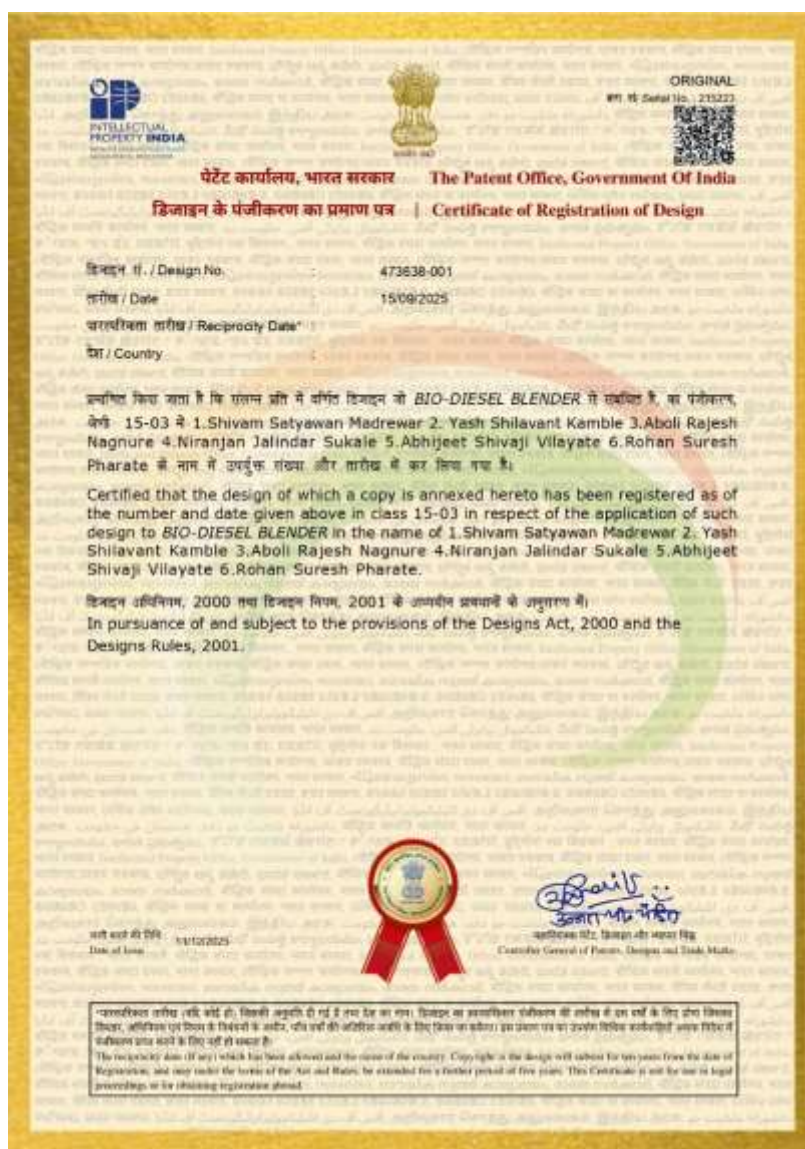
2. **Samruddhi Suryavanshi BE 22CH0** was selected for the **Summer Internship Program 2025** from **6 june 2025 to 6 agust 2025** at Indian Institute of Technology Indore and successfully completed the internship, received a certificate.
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3. **Samruddhi Suryavanshi BE 22CH0** was selected for the **MNIT Internship Program 2025** at Malaviya National Institute of Technology Jaipur and was awarded a certificate for successful participation.
4. **Sfurti Kaduskar and Yogeshwar Ingale**, secured **2nd prize** in the environment category at Ignited Innovators of India competition organized by Bhau Institute of **Innovation, Entrepreneurship & Leadership, COEP Technological University**, Pune, sponsored by Eaton India Foundation. She also received substantial funding for the project for this event.



- Yash Shilavant Kamble, Aboli Rajesh Nagnure, Niranjana Jalindar Sukale, Abhijeet Shivaji Vilayate and Rohan Suresh Pharate were granted a Design Patent Certificate for their innovative design titled "BIO-DIESEL BLENDER" (Design No. 473638-001). The design was registered under Class 15-03 on 15 September 2025, recognizing the students' contribution towards innovation and product development in the field of biodiesel processing.



- Mrunal Gatkul secured First Prize in the *Engineer's Day Seminar (17th September 2025)* organized by the Department of Chemical Engineering at AISSMS College of Engineering



7. **Samruddhi Suryavanshi** secured **2nd Prize** in the *Engineer's Day Seminar (17th September 2025)* organized by the Department of Chemical Engineering at AISSMS College of Engineering.



8. **Sfurti Kaduskar, Yogeshwar Ingale, Yogesh Choudhary, and Vaishnavi Rokade** secured **2nd Prize** in the Technical Poster Competition organized during the **5th Regional Conclave of Students' Chapters (Western Region)** by **The Institution of Engineers (India)** at AISSMS College of Engineering from .

TE

1. Sushant Mache secured **Third Prize** in the *Engineer's Day Seminar (17th September 2025)* organized by the **Department of Chemical Engineering** at **AISSMS College of Engineering**.



2. **Sayali Patil (TE, 23CH0)** and **Neha Tambe TE 23CH0** secured **Second Prize** in *Technofiesta – Innovate X* by **Dr. D. Y. Patil Institute of Technology** on 11/02/2026 and was awarded a certificate for their achievement



3. **Adarsh Birje and Priyanka Auti** secured **2nd Prize** in the **Technical Poster Competition** organized on 27 March 2026 by the AICHE Student Chapter at **MIT World Peace University**.



4. **Sayali Patil and Neha Tambe** secured **Third Prize** in the **Technical Poster Competition** organized on 27 March 2026 by the AICHE Student Chapter at **MIT World Peace University**.



5. **Richie Thomas** was awarded a **2nd Prize** at the **20th AISSMS Engineering Today 2025 – National Level Students' Technical Symposium & Exposition** organized by AISSMS College of Engineering for his participation and contribution under the Chemical Engineering department.



6. **Tanishk Ware, Sujit Bhunia, Ajinkya Lengare, and Shreyas Pawar** secured **1st Prize** in the **Technical Poster Competition** organized during the **5th Regional Conclave of Students' Chapters (Western Region)** by **The Institution of Engineers (India)** at **AISSMS College of Engineering**.

SE

1. **Pushkar Ladkat (SE, 24CH0): Secured 1st Prize (Gold Medal) in the Inter-Collegiate Best Physique Competition organized by Savitribai Phule Pune University Pune City Zonal and was awarded a gold medal and certificate.**



2. **Aarya Kulkarni (SE, 24CH0)**: Represented Maharashtra at the national-level AIVSC NCC event as a cadet of 2 (MAH) Air Squadron, NCC Nagpur (HQMC Nagpur) and received a certificate.



List of students selected for Zonal level Avishkar at SPPU

S.No.	Name of student	Class	Topic
1	I. SATYAM RAUT, II. SAMRUDDHI INGALE	BE	Fabrication of AgNP augmented nickel oxide (NiO) via green route for photocatalytic degradation of telmisartan.
2	I. YOGESH CHOUDHARY II. VAISHNAVI ROKADE	BE	Natured self healing polymer coating for industrial pipeline
3	I. PRIYA RAJESH DALVI, II. MRUNAL RAMAKANT GATKUL	BE	Nano-Particle enhanced PCM for thermal control in CubeSat
4	I. VIAJY DUPARE II. SUJIT BHUNIA	TE	Bromine from sea water, simulation using DWSIM
5	I. TANSHIK WARE	TE	Paracetamol preparation using DWSIM software

List of finally shortlisted students from Chemical Engineering Department SIH 2025

S. No.	Team Name	Student Name	Class
1.	SIH25-82 – HydroMax	Tanishk Ware	TE
		Ajinkya Lengare	TE
		Vijay Dupare	TE
		Sushant Mache	TE
		Yogesh Akhare	TE
		Sayali Patil	TE
2.	SIH25-88 – Team Innovative	Adarsh Birje	TE
		Priyanka Auti	TE
		Rutuja Bachute	TE
		Siddhi Desale	TE
		Deep More	TE
		Vishvajeet Londhe	TE

Certificate / Online Courses Completed by Students

Sr. No.	Class	Name of student	Title of the Course	Conducted By	Completion month/year	Certificate/prize
1	BE	Jyotiraditya Yesugade	Introduction to Project Management	Coursera	May 2026	Certificate
2	BE	Mustakim Shaikh	MATLAB Course	MATLAB	April 2026	Certificate
3	BE	Akhilesh Patra	ANSYS Course Completion	Ansys	April 2026	Certificate
4	BE	Sujal Shedge	ANSYS Course Completion	Ansys	April 2026	Certificate
5	BE	Sanskar Ramdas Jadhav	Wastewater treatment	Every Eng	April 2026	Certificate
6	BE	Sanskar Ramdas Jadhav	Process Design Engineering	Every Eng	April 2026	Certificate
7	BE	Vidhi Nitin Patil	Process Design Engineering	Every Eng	March 2026	Certificate
8	BE	Shawn Seby Noronha	Laboratory Safety (ELA954)	AIChE Academy SACHE®	March 2026	Certificate
9	BE	Siddharth Santosh Kinagi	Laboratory Safety (ELA954)	AIChE Academy SACHE®	March 2026	Certificate
10	BE	Prathamesh Tejram kukade	Laboratory Safety (ELA954)	AIChE Academy SACHE®	March 2026	Certificate
11	BE	Kalyani Rokade	Laboratory Safety (ELA954)	AIChE Academy SACHE®	March 2026	Certificate
12	BE	Srushti Joshi	Process/Chemical Engineering – BOOTCAMP 2021	Udemy	Nov	Certificate
13	BE	Prathamesh Tejram kukade	MATLAB and AI-ML in Chemical Engineering (AIML)	IIChE & Udemy	Oct 2025	Certificate
14	BE	Sanskar Ramdas Jadhav	Project Engineering & Management	Every Eng	Oct 2025	Certificate
15	BE	Kumar Vishnu Gome	AutoCAD for Chemical Engineers	Mindluster	Oct 2025	Certificate

16	BE	Rohan Pharate	Project Engineering & Management	Every Eng	Oct 2025	Certificate
17	BE	Aboli Nagnure	Hazards and Risk Introduction to Pressure Protection	AIChE Academy SACHE®	Sep 2025	Certificate
18	BE	Krishna Deendra Swami	AutoCAD for Chemical Engineers	Mind-luster	Aug 2025	Certificate
19	BE	Priya Dalvi	AutoCAD-2D	Learn Delta	Aug 2025	
20	BE	Rohit Korade	AutoCAD-2D	Learn Delta	Aug 2025	Certificate

Other Participations

List of students participated in Conferences 2025

Sr. No.	NAME OF STUDENT	EVENT	ORGANIZATION	DATE	ACHIEVEMENT
1.	Kaduskar Sfurti (22CH0)_	IICHE Chemcon 2025	IICHE, Annamalai Tamil Nadu, India	27/12/2025	Delivered Oral Presentation On Paper
2.	Ingale Yogeshwar (22CH0)	IICHE Chemcon 2025	IICHE, Annamalai Tamil Nadu, India	27/12/2025	Delivered Oral Presentation On Paper
3.	Adarsh Birje (22CH0)	IICHE Chemcon 2025	IICHE, Annamalai Tamil Nadu, India	27/12/2025	Delivered Oral Presentation On Paper
4.	Vishwajeet Londhe (22CH0)	IICHE Chemcon 2025	IICHE, Annamalai Tamil Nadu, India	27/12/2025	Delivered Oral Presentation On Paper
5.	Priyanka Auti (22CH0)	IICHE Chemcon 2025	IICHE, Annamalai Tamil Nadu, India	27/12/2025	Delivered Oral Presentation On Paper
6.	Desale Siddhi (22CH0)	IICHE Chemcon 2025	IICHE, Annamalai Tamil Nadu, India	27/12/2025	Delivered Oral Presentation On Paper
7.	Rutuja Bachute (22CH0)	IICHE Chemcon 2025	IICHE, Annamalai Tamil Nadu, India	27/12/2025	Delivered Oral Presentation On Paper
8.	Deep More (22CH0)	IICHE Chemcon 2025	IICHE, Annamalai Tamil Nadu, India	27/12/2025	Delivered Oral Presentation On Paper
9.	Sneha Karande (22CH0)	IICHE Chemcon 2025	IICHE, Annamalai Tamil Nadu, India	27/12/2025	Delivered Oral Presentation On Paper
10.	Vaishnavi Chakor (22CH0)	IICHE Chemcon 2025	IICHE, Annamalai Tamil Nadu, India	27/12/2025	Delivered Oral Presentation On Paper

11.	Dnyaneshwari Bhor (22CH0)	IICHE Chemcon 2025	IICHE, Annamalai Tamil Nadu, India	27/12/2025	Delivered Oral Presentation On Paper
12.	Mahii Agarwal (22CH0)	IICHE Chemcon 2025	IICHE, Annamalai Tamil Nadu, India	27/12/2025	Delivered Oral Presentation On Paper
13.	Om Pathak (22CH0)	IICHE Chemcon 2025	IICHE, Annamalai Tamil Nadu, India	27/12/2025	Delivered Oral Presentation On Paper

List of students participating in AVISKAR 2025

Sr. No.	Name of Participant	Class	Topic
1.	I. ROHIT KORADE II. SHRUTI KOTHAWADE	BE	Plant based ZnO Nanoparticles: Asustainable approach for clean water & antibacterial protection
2.	I. SAMRUDDHI SURYAVANSHI II. PRATHAMESH JADHAV	BE	Bioplastic for sustainable application
3.	I. PRIYA RAJESH DALVI, II. MRUNAL RAMAKANT GATKUL	BE	Nano-Particle enhanced PCM for thermal control in CubeSat
4.	I. RIDDHIMA CHOUDHARI II. NIHANSHU TAMBE	BE	Green Hydrogen
5.	I. SATYAM RAUT, II. SAMRUDDHI INGALE	BE	Fabrication of AgNP augmented nickel oxide (NiO) via green route for photocatalytic degradation of telmisartan.
6.	I. SIDDHARTH KINAGI II. PRATHMESH KUKADE	BE	Synthesis of Chitin and Chitosan from bsf larvae
7.	I. YOGESHWAR INGLE II. SFURTI KADUSKAR	BE	Sustainable Plasticizer Development Using Epoxidized Non-Edible Oil
8.	I. YOGESH CHOUHDARY II. VAISHNAVI ROKADE	BE	Natured self healing polymer coating for industrial pipeline
9.	I. SUMIT KULKARNI II. GUNAYMEE PALOD	TE	Extraction of copper from LTS CATALYST using GLDA
10.	I. SAYALI PATIL II. NEHA TAMBE	TE	Purification of pyrolysis oil
11.	I. SUSHANT MACHE II. AJINKYA LENGARE	TE	Liquid Organic Hydrogen Carrier Technolog
12.	I. VIAJY DUPARE II. SUJIT BHUNIA	TE	Bromine from sea water, simulation using DWSIM
13.	I. SIDDHI DESALE II. RUTUJA BACHUTE	TE	Epoxidation of Watermelon Seed Oil by using Amberlyst-15
14.	I. ADARSH BIRJE II. PRIYANKA AUTI	TE	Sustainable Epoxidation of Cottonseed Oil Using Heterogeneous Catalysts
15.	I. TANSHIK WARE	TE	Paracetamol preparation using DWSIM software

16.	I. YOGESH AKHARE	TE	Process Modeling of Manufacturing of Sulfuric Acid by DCDA Using DWSIM
17.	I. SARVANDYA DESHPANDE II. DEVASH YEWALE	SE	Smart cold-chain monitoring with thermocromic label.
18.	I. RAVINDRASINGH RATHODE II. AYUSH LENDE	SE	Mobile chicken coop with irrigation system
19.	I. MAHITI AGARWAL II. OM PATHAK	SE	Microbial fuel cell mfc
20.	I. YOGESH BHORADE	SE	Intelligent pesticide sprinkling system determined by infection level of plant
21.	I. PRATIKSHA HADSE	SE	Protects Animal's in rain season from electric pol
22.	I. DNYANESHWARI BHOR	SE	Oil extraction from kokum seed
23.	SAGAR PATIL	SE	Organic Duck -Fish integrated farming

List of students participated in SIH 2025 from Chemical Engineering

Sr. No.	Student Name	Department
1	Gunmayee Palod	Chemical
	Sumit Kulkarni	Chemical
	Shreya Raut	Chemical
	Pratham Dhage	Chemical
	Sarvadnya Deshpande	Chemical
	Ajinkya Darekar	VLSI
2	Yogesh Akhare	Chemical
	Tanishk Ware	Chemical
	Sushant Mache	Chemical
	Ajinkya Lengare	Chemical
	Sayali Patil	Chemical
	Vijay Dupare	Chemical
3	Neha Sandip Tambe	Chemical
	Shruti Gulve	Chemical
	Shreya Boda	Chemical

	Diksha Budhnavar	Chemical
	Gaurav Kausadikar	Electrical
	Pranay Gaurkhede	Electrical
4	Adarsh Birje	Chemical
	Vishwajeet Londhe	Chemical
	Priyanka Auti	Chemical
	Siddhi Desale	Chemical
	Rutuja Bachute	Chemical
	Deep More	Chemical

Student Activity Coordinator

Dr. A. V. Mohod

Head

Department of Chemical Engineeri

