



Shri Shamrao Patil (Yadavkar) Educational & Charitable Trust's

SHARAD INSTITUTE OF TECHNOLOGY COLLEGE OF ENGINEERING

YADRAV - ICHALKARANJI - 416 121

AN AUTONOMOUS INSTITUTE

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Department of **Mechatronics Engineering**

News Letter 2024-25

Volume - 01 Issue - 01

Tech Beacon



Hon. Dr. Rajendra Patil (Yadavkar)
Chairman
SITCOE, Yadrav



Hon. Shri. Anil Bagare
Executive Director
SITCOE, Yadrav



Dr. Sanjay A. Khole
Principal
SITCOE, Yadrav

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Shri. Shamrao Patil (Yadravkar) Educational & Charitable Trust's
Sharad Institute of Technology, College of Engineering Yadrav-(Ichalkaranji)
(An Autonomous Institute)

(Approved by AICTE, New Delhi, Recognized by Government of Maharashtra & Affiliated to DBATU, Lonere)
NBA Accredited Programmes, NAAC 'A-Grade Institution, ISO 9001:2015 Certified Institute, Recognized u/s
2(f) and 12(B) of the UGC Act 1956

Shri Shamrao Patil (Yadravkar) Educational & Charitable Trust's
SHARAD INSTITUTE OF TECHNOLOGY
COLLEGE OF ENGINEERING

Yadrav (Ichalkaranji)

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AUTONOMOUS INSTITUTE

COLLEGE VISION

- To be a center of excellence in technical education by using cutting-edge technology that produces competent engineers of today and tomorrow to serve society.

COLLEGE MISSION

- To impart quality education by implementing state-of-the-art teaching-learning methods to enrich the academic competency, credibility and integrity of the students.
- To facilitate a conducive ambience and infrastructure to develop professional skills and nurture innovation in students.
- To inculcate sensitivity towards society, respect for environment and promote high standards of ethics.

DEPARTMENT VISION

- To be a centre of excellence in Mechatronics Engineering education to prepare professionally competent engineers with lifelong learning attitude for the accomplishment of ever-growing needs of society.

DEPARTMENT MISSION

- To prepare technically and professionally competent engineers by imparting quality education through effective teaching learning methodologies and providing stimulating environment for research and innovation.
- To develop professional skills and right attitude in students that will help them to succeed and progress in their personal and professional career.
- To imbibe moral and ethical values in students with concern to society and environment.

From HOD's Desk



Dr. S. K. Shikalgar (Associate Professor, & HOD)

I am pleased to introduce the first issue of “Tech Beacon” for the academic year 2024- 25, prepared by the faculty and students of the Mechatronics Engineering Department. Our department has been consistently striving to achieve the goal of producing highly skilled and scientifically driven professionals through adaptive, flexible, and progressive training programs, coupled with strong collaboration with research organizations, academicians, and industries.

“Tech Beacon” serves as an excellent platform for students to enhance and update their technical skills. I congratulate the entire “Tech Beacon” team for their hard work and dedication in successfully launching this edition.

Wishing you all an enriching and enjoyable learning experience.

From Faculty Editor's Desk



Dr. Abhijit Banik (Assistant Professor)

Dear reader,

It is a great honor to serve as the editor of the “Tech Beacon” Newsletter from the Department of Mechatronics Engineering, SITCOE. I am delighted to present to you Volume 1, Issue 1, for the academic year 2024-25. Our goal is to publish two issues of the newsletter annually, showcasing the efforts and achievements of our department. A heartfelt thank you.

To the faculty and students whose contributions have made this edition possible. Without their dedication, this newsletter wouldn't have come to life.

Lastly, I extend my sincere gratitude to our Hon. Executive Director, the Principal, the Head of the Department, and all faculty members for their unwavering support throughout the creation of this edition.

From the Student Editor's Desk

We are excited to present Volume 1, Issue 1 of our newsletter, "Tech Beacon," for the academic year 2024-25. Our dedicated faculties have been tirelessly supporting and guiding students toward building a bright future.

It brings me great joy to be part of the preparation and release of this news letter. We are sincerely grateful to our department faculty members and my team for their invaluable contributions in making this edition of "Tech Beacon" a reality.

Student Coordinators



**Kininge Shubhangi
Mahavir.
(SY MTRX)**



**Pruthviraj Prakash
Mane.
(TY MTRX)**

FACULTY ACHIEVEMENT

The faculty members of our department actively engage in diverse professional development activities, including training, research, and scholarly endeavors. By participating in these initiatives, they continually enhance their skills and stay updated with the latest advancements in their respective fields. These efforts not only enrich their expertise but also enable them to impart advanced knowledge to students, fostering their technical excellence and holistic growth. Furthermore, such activities provide opportunities for interdisciplinary collaboration and innovation, contributing to the overall academic and research ecosystem of the institution.

FACULTY DEVELOPMENT PROGRAMME

Sr. No.	Name of Faculty	Name of Workshop Organized/Attended	Date	Details	Mode
1.	Dr. Shabanam K. Shikalgar	Emerging Trends in Electronics & Telecommunication Engineering	2024	SBGI Miraj	Offline
2.	Kalyani Ashok Bedekar	Generative AI and its multi domain use cases	2/12/24-6/12/24	Organized by: VIT Pune, Department Of Information Technology	Online
3.	Kalyani Ashok Bedekar	Convolutional Neural Networks in Python: CNN Computer Vision	26/11/24 - 3/12/24	Udemy Certification	Online

COURSES ATTENDED

Sr. No.	Name of Faculty	Name of The Course	Status
1.	Dr. Shabanam K. Shikalgar	Software Testing (NPTEL Course,2024)	Completed with 5% Topper Elite

PUBLICATION DETAILS (AY 2024-25, 1ST SEM)

SR. No.	Name of Faculty	Title of Paper	Publication Details (National conference/ International Conference/ Journal Publication)
1.	Dr. Shabanam K. Shikalgar	Classification of Privacy Preserved Medical Data with Fractional Tuna Sailfish Optimization Based Deep Residual Network in Cloud.	Annals of Data Science, Springer,2024, https://doi.org/10.1007/s40745-024-00538-z
2.	Mrs. Kalyani Ashok Bedekar	Leveraging multi-modal machine learning for enhanced kidney condition classification: A novel approach to detect tumors, stones and cysts in CT images.	3rd international conference on Optimization Techniques in the field of engineering (ICOFE-2024),22 & 23 October 2024, SSR Elsevier
3.	Dr. Krishnakant Sahu	Performance analysis of ER fluid-lubricated two-lobe hole-entry hybrid journal bearings with bionic and spherical texture surfaces optimized by genetic algorithm	Tribology International, Volume 202, 2025, 110332, https://doi.org/10.1016/j.triboint.2024.110332 . 24 Oct 2024
4.		Combined Effect of Surface Irregularities and Applied Voltage on the Behavior of Hole- Entry Spherical Hybrid Journal Bearings Lubricated With an Electro-Rheological Fluid	ASME.J.Tribol. 2024; 146(11): 114101. https://doi.org/10.1115/1.4065771 ,Published Online: 19July 2024

PATENT FILED/GRANTED

Sr. No.	Name of Faculty	Title	Status
1	Mrs. Kalyani Ashok Bedekar	Intelligent multi-level clustering and data analysis robot system.	Filed (2024)
2.	Dr. Shabanam Khalid Shikalgar	Artificial intelligence based self-learning Braille.	Granted (2024)

MTESA DETAILS

The Mechatronics Engineering Department at Sharad Institute of Technology College of Engineering (SITCOE), Yadav, is committed to enhancing students' skills and fostering intellectual growth. Through initiatives like Impetus 2024, the department offers a platform for students to showcase their talents and engage in both academic and extracurricular activities.

Impetus 2024 is a national-level technical symposium that brings together students from various states, including Maharashtra and Karnataka. The event features a range of technical competitions and workshops aimed at promoting innovation and excellence among participants. In 2024, the symposium attracted approximately 1,750 participants, highlighting its success and the enthusiasm of the student community.

Through these initiatives, the Mechatronics Engineering Department at SITCOE plays a crucial role in nurturing students' talents and preparing them for future academic and professional endeavors.

EVENTS ORGANISED

Events	Name	Date	Competitions
1.	Teacher's Day 2K24	5th September	-----
2.	Impetus 2K24	15th October	Mind Maze, Project Competition, Paper Presentation
3.	Place Master 2K24	16th October	Group Discussion, Technical Essay Writing

Number of Participants in Impetus 2K24.

Sr. No.	Name of event	In-house participation	Out-house participation	No. of Groups	Number of Participants
1.	Mind Maze	294	8	166	302
2.	Project Competition	89	2	27	91
3.	Paper Presentation	55	14	45	69
Total Participants					462

Based on the assessment of judges, the following students were awarded prizes.

Sr. No.	Name of event	Prize	Name of students
1.	Mind Maze	First	Shreyash Kalgutangi, Yash More
		Second	Masira Shari kmasial, Ritu Kamble
		Third	Parth Patil, Harshad Tupare
2.	Project Competition	First	Suyash Pande, Mohak Sidgonda, Mahesh Avalakki Raturaj Patil
		Second	Shafin Mulla, Abhijit Potdar, Ajinkya Chavan Pratik Vasagade
		Third	Vinayak Patil ,Abhinav Nadoni
3.	Paper Presentation	First	Pradnya Kesarkar
		Second	Deepa Hiremath Kevali Shendure
		Third	Atharv Kharade

Number of Participants in Placemaster 2K24.

Sr. No.	Name of event	In-house participation	Out-house participation	Number of Groups	Number of Participants
1.	Group Discussion	56	0	27	56
2.	Technical Essay Writing	80	0	80	80
Total Participants					136

Based on the assessment of judges, the following students were awarded prizes.

Sr. No.	Name of event	Prize	Name of students
1.	Technical Essay Writing	First	Diksha Deepak Towar
		Second	Shubhangi Mahavir Kinninge
		Third	Varunraj Chandrakant Salunkhe

2.	Group Discussion	First	Tejas Parnarkar
		Second	Amit kumar Prasad
		Third	Pradnya Kesarkar

GLIMPSES OF TEACHER'S DAY



Celebrating Teacher's Day 2K24 at Mechatronics Department.



Marking Teacher's Day Celebration with a Green Initiative: Planting Roots for a Sustainable Tomorrow

GLIMPSES OF IMPETUS 2K24



Students participating in decoration of Mechatronics Department for Impetus 2K24



Respectable Chief Guest inaugurating Impetus 2K24



Mind Maze



Project Computation



Paper Presentation

GLIMPSES OF PLACE MASTER 2K24

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PLACE MASTER

on 16th October 2024

1. Group Selection

1. Group Selection

2. Technical Paper Writing

2. Group Selection

1. Group Selection

2. Technical Paper Writing

3. Group Selection

1. Group Selection

2. Technical Paper Writing

4. Group Selection

1. Group Selection

2. Technical Paper Writing

Prizes Worth More than Rs. 1,00,000/-

College - ID & Receipt is mandatory for Event

ENTRY FEE

RS. 50/-

Per Round for all rounds

Approved by Government of India

Shri Sharmoo Patel (Yadavrai) Educational & Charitable Trust's

Sharad Institute of Technology, College of Engineering

Yadrav - 388120, Gujarat | Phone: 079-22551100 | Website: www.sit.ac.in

Dr. Sharmoo Patel (Chairman)

Dr. Suresh A. Shah (Vice-Chairman)

Prof. Dr. A. A. Bhatt (Dean)

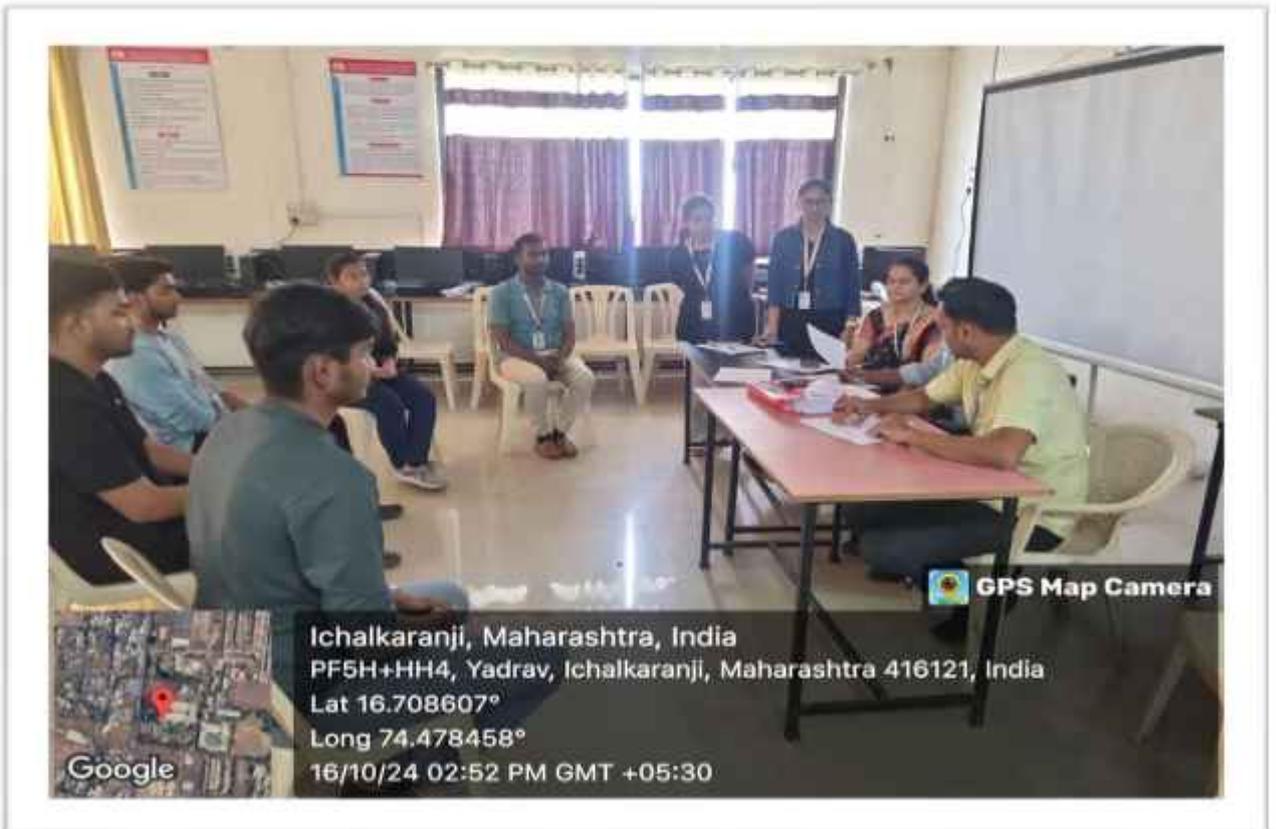
Prof. Dr. P. P. Patel (Chairman)



Inauguration of Place Master Event



Technical Essay Writing



Group Discussion

INDUSTRIAL VISITS

The department facilitates industrial visits, providing students with valuable exposure to industry practices and operations. These visits are thoughtfully aligned with the specific field of study, ensuring relevance to the academic program and enhancing practical learning opportunities.

INDUSTRIAL VISIT CONDUCTED (A.Y-2024-25,SEM-I)

Sr. No.	Name & Address of Organization	Class	Date	% Attendance
1	Sharda Electronics Pvt Ltd, KUPWAD MIDC Sangli	SY	25.07.2024	85
2	SNR Electronics, KUPWAD MIDC Sangli.	SY	25.07.2024	85
3	ELCOM International Pvt.Ltd.	TY	24.08.2024	72
4	Advance Measuring System, MIDC, Gokul Shirgaon Kolhapur	TY	24.08.2024	72
5	Rocket Engineering Shiroli MIDC, Kolhapur	SY &B.tech	10.09.2024	45
6	Saroj Engineers, Jaysingpur	B.tech	05/10/2024	44
7	Techno vision Auto Components, Jaysingpur	B.tech	05/10/2024	44

GLIMPSES OF INDUSTRIAL VISIT

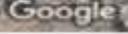






 **GPS Map Camera**

Jaysingpur, Maharashtra, India
QHF9+5XC, Industrial Estate Area, Jaysingpur, Maharashtra 416101, India
Lat 16.773142°
Long 74.569774°
05/10/24 11:36 AM GMT +05:30

 **Google**

GUEST LECTURE SUMMARY/STUDENT

ENRICHMENT PROGRAM

The contemporary education system has integrated guest lecturers as a vital component of its pedagogical approach. Inviting guest speakers significantly enriches the learning experience for students, providing them with valuable insights and perspectives. Additionally, it serves as an excellent opportunity for students to gain extensive exposure to a variety of fields. In line with this objective, the Mechatronics Engineering Department regularly organizes guest lecturers to enhance the academic experience.

Guest Lecture Summary of the Academic year 2024-25 SEM-I

Sr. No.	Topic for Expert Talk	Expert Name & Designation	Date of Expert Talk	Class
1.	Geometric Dimensioning and Tolerancing	Mr. Vijay Bagade, CAD Axis solutions, Owner, Ichalkaranji	03-07-2024	SY
2.	Soft Skills & Personality Development	Mr. Ravindra Khaire, Business Consultant & Motivational Speaker, Kolhapur.	07-08-2024	SY, TY
3.	Career Opportunities in AI and Abroad Studies	Dr. Prasad Rayamane, R&D Department, European Innovation & Development, UK.	09-08-2024	TY & B.tech
4.	Career Opportunities in Banking Sector	Mr. Sheetal Kumbhar, Union Bank of India, Pune.	24-08-2024	B.tech
5.	GATE and Competitive Exam preparation	Mr. Bajrang Kamble, Senior Broadcast Engineer, Akashwani - Kolhapur.	27-08-2024	TY & B.tech
6.	Entrepreneurship Development	Mr. Tushar Patil, Marketing Manager, Vijomi Digital technology, Kolhapur.	21-09-2024	SY
7.	Cloud & its Services	Mr. Ravindra Kudache, Co. founder, Technostormr Consulting Services, Pune	21-09-2024	B.Tech

GLIMPSES OF GUEST LECTURES





GPS Map Camera



Ichalkaranji, Maharashtra, India
525, Santosh Sadhale Nagar, Ichalkaranji, Maharashtra 416121, India
Lat 16.708409°
Long 74.478488°
07/08/24 02:57 PM GMT +05:30



GPS Map Camera



Ichalkaranji, Maharashtra, India
PF5H+493, Yadrav, Ichalkaranji, Maharashtra 416121, India
Lat 16.708304°
Long 74.478415°
24/08/24 03:04 PM GMT +05:30



GPS Map Camera



Ichalkaranji, Maharashtra, India

525, Santosh Sadhale Nagar, Ichalkaranji, Maharashtra 416121, India

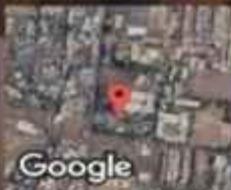
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Long 74.478483°

27/08/24 03:44 PM GMT +05:30



GPS Map Camera



Ichalkaranji, Maharashtra, India

525, Santosh Sadhale Nagar, Ichalkaranji, Maharashtra 416121, India

Lat 16.708433°

Long 74.47849°

21/09/24 11:00 AM GMT +05:30

VALUE ADDITION PROGRAM

The modern education system places significant emphasis on value-added programs as a means to complement traditional academic curricula, recognizing their vital role in shaping well-rounded professionals. These programs are carefully designed to equip students with additional skills, knowledge, and practical insights that go beyond theoretical learning, thereby enhancing their employability and professional competence. By bridging the gap between academic knowledge and real-world applications, they empower students to tackle complex challenges with confidence. Aligned with this vision, the Mechatronics Engineering Department actively conducts value-added programs, ensuring that students are not only academically proficient but also industry-ready. Through these initiatives, the department fosters a culture of continuous learning and innovation, preparing students to excel in their careers and contribute meaningfully to the ever-evolving technological landscape.

Name of the Course	IOT and Raspberry Pi
Duration	SixDays,21-10-2024to26-10-2024
No's of Students Benefited	70
Class	TY Mechatronics
Resource Person	Mr. Abhijeet Bavadhankar Director, LogiBit Technologies Pvt. Ltd., Kolhapur 7385048126
Venue	CAD/CAM Lab



Name of the Course	E-PLAN
Duration	SixDays,05-08-2024to10-08-2024
No' sofStudents Benefited	42
Class	B.Tech Mechatronics
ResourcePerson	Ms. Shweta Attre Trainer, Infinite Graphix Technologies Pvt. Ltd., Kolhapur 9370428207
Venue	Room No. 423B



MINI PROJECT

The Mechatronics Engineering Department takes pride in the array of innovative mini-projects undertaken by second and third-year students this semester. These projects reflect their enthusiasm for learning, creativity, and commitment to exploring new frontiers in technology.

Sr. No.	Class	Total No. of Mini Projects
1	S.Y.	19
2	T.Y.	19

S.Y. Mini Project		T.Y. Mini Project	
Sl. No.	Project Name	Sl. No.	Project Name
1.	Indicator of object not visible to larger vehicle	1.	Smart Irrigation System
2.	Color Sorting Machine	2.	3D Scanner
3.	Ventilator with variable BPM & oxy meter	3.	Automatic conveyor system
4.	Password door lock using Arduino	4.	Solar wireless electric vehicle charging system
5.	Design and Development of an Intelligent Traffic Light System	5.	2 Floor smart car parking system
6.	All in one robot without changing code	6.	Fire Fighting Robot
7.	Highway safety U-Turn Alert System	7.	Smart Farming using IOT
8.	Sensor Glove for sign language translation	8.	RFID attendance system
9.	Fingerprint-based Examination Hall Authentication System	9.	Mini wind mill power generation

10.	Hand Free Faucet	10.	Harnessing human power electricity Generation through gym equipment
11.	Automatic street light	11.	Touch less mouse
12.	Bearing Life Monitoring System.	12.	Computer free printing with touch screen control
13.	Smart monitoring system for home appliances	13.	Solar Wireless Electric Vehicle Charging System
14.	Spring-assisted electric generator	14.	Wifi Data Transfer Machine
15.	Dust proof Automatic Solar Tracking System	15.	Automatic pet feeder
16.	Laser Security System.	16.	Design and fabrication of sand moulding machine using PLC based Pneumatic and hydraulic system
17.	Security system using laser	17.	Water Pollution Monitoring RC Boat
18.	Arduino based smart vacuum cleaner robot	18.	Hire ME: Placement Web Portal
19.	Object Detection using RADAR System.	19.	Lake and pool surface cleaner using Solar energy

STUDENT ACHIEVEMENT

SITCOE, Yadrav stands as a beacon of inspiration, fostering an environment where students are encouraged to participate in diverse competitions that challenge their intellect and creativity. By nurturing a culture of innovation and excellence, the institute empowers students to achieve holistic growth, preparing them to excel in an ever-evolving world. This semester has been particularly remarkable for Mechatronics Engineering department, with students achieving significant milestones, showcasing their talents, and making the institution proud.

Sl. No.	Name of the student	Event Details	Event Type	Level	Participant's Rank
1	Bhise Nandini	Discovery (2024,19-10-2024, Annasaheb Dange College of Engineering, Ashta)	Ideathon	National	1st
3	Aniket Bhosale	Ekyam3.0,25 (26-10-2024, Rajarambapu Institute of Technology, Islampur)	Robo Soccer	State	1st
4	Jaykumar Kore	Technocrat24 (28,29-09-2024, Walchand college of Engineering, Sangli)	Robo Race	National	1st
5	Nouman Soudagar	Ekyam3.0 (25,26-10-2024, Rajarambapu Institute of Technology, Islampur)	Prompt Nation	State	2nd
6	Diksha Towar	Place Master (16-10-2024, SITCOE, Yadrav)	Technical Essay Writing	Institute	1st
7	Abhijit Potdar	Impetus 2K24 (15-10-2024, SITCOE, Yadrav)	Project Competition	National	2nd
8	Ajinkya Chavan	Impetus 2K24 (15-10-2024, SITCOE, Yadrav)	Project Competition	National	2nd
9	Pratik Vasagade	Impetus 2K24 (15-10-2024, SITCOE, Yadrav)	Project Competition	National	2nd
10	Aniket Bhosale	Impetus 2K24 (15-10-2024, SITCOE, Yadrav)	Robo Race	National	3rd
11	Tejas Parnakar	Techspectrum (14/09/2024, SITCOE, Yadrav)	Group Discussion	Institute	2nd

GLIMPSES OF SUCCESS STORIES



Secured 3rd rank in Roborace-Impetus 2k24



Our team securing second rank in both Roboroyal and Robo sumo in collaboration with team Jagwar (Pune), team Black Diamond (Raypur), team One Place (SITCOE)-COEP, Pune (MINDSAPRK 24)



Securing First and Second Ranking Robo Race at WCE, Sangli



First place in Robosoccer at RIT, Islampur

PLACEMENT LIST

The Mechatronics Engineering Department at Sharad Institute of Technology College of Engineering (SITCOE), Yadrav, has a commendable placement record. The department's proactive placement cell has facilitated numerous students securing positions in reputable companies.

Sr. no	Name of Student	Company Name	Package
1	Nikita Chavan	Wipro Pari Engineering & Services Pvt. Ltd.	3.5 LPA
2	Sahil Bapu Bandar	SKHM India Pvt. Ltd	3.6 LPA
3	Akash Burud	SKHM India Pvt. Ltd	3.6 LPA
4	Sachin Wagh	K Soft Engineering Consultancy Services	1.6 LPA
5	Shubham Vharate	K Soft Engineering Consultancy Services	1.6 LPA
6	Shailesh Kavade	K Soft Engineering Consultancy Service	1.6 LPA
7	Indira B. Nagarkar	John Deere India Pvt. Ltd	2.0 LPA
8	Tanuja Sunil Mudhale	John Deere India Pvt. Ltd.	2.0 LPA

9	Samruddhi Rajgonda Patil	John Deere India Pvt. Ltd.	2.0 LPA
10	AnujaSanjay Chougule	John Deere India Pvt. Ltd	2.0 LPA
11	Saddam Babab Mullani	Uni Trittech Pvt. Ltd.	6.0 LPA
12	Utakarsh Pradip Magdum	Versatile Service	1.8 LPA
13	Pruthviraj Havale	Cybernetik	3.0 LPA
14	Abhishek Magdum	Cybernetik	3.0 LPA
15	Prasad Bakare	Matrix Robotics & Automation	3.2 LPA
16	Shrushti Patil	Eibenstock Positron Elektrowerk Pvt.Ltd.	2.15 LPA
17	Akshay Patil	Eibenstock Positron Elektrowerk Pvt.Ltd.	2.15 LPA
18	Sankalp Mangalekar	Vidhi Automation & Solutions	1.5 LPA
19	Siddhi Repal	Vidhi Automation & Solutions,	1.5 LPA
20	Uday Awalkar	Vidhi Automation & Solutions	1.5 LPA
21	Abhishek Ghatage	Vidhi Automation & Solutions	1.5 LPA
22	Omkar Mane	Vidhi Automation & Solution	1.5 LPA
23	Dipam Kakade	Lean Automation Equipments Limited	2.0 LPA
24	GautamiMali	RD Electrocircuits Pvt.Ltd	2.0 LPA
25	NehaBhore	RD Electrocircuits Pvt.Ltd	2.0 LPA
26	Asif Shirdhone	RD Electrocircuits Pvt. Ltd.	2.0 LPA
27	Abhijit Girmal	RD Electrocircuits Pvt. Ltd	2.0 LPA
28	Ashish Patil	Vedant Industries	4.2 LPA
29	Indrajeet Mane	Citec Engineering India Pvt. Ltd.	3.0 LPA
30	Neha Chougule	CAIT Edusys Pvt. Ltd	1.5 LPA
31	Sakshi Bagal	CAIT Edusys Pvt. Ltd	1.5 LPA
32	Omkar Gaikwad	CAIT Edusys Pvt.Ltd	1.5 LPA
33	Sumit Dambal	CAIT Edusys Pvt.Ltd	1.5 LPA

34	Aniket Koli	CAIT Edusys Pvt. Ltd	1.5 LPA
35	Prathamesh Desai	CAIT Edusys Pvt. Ltd	1.5 LPA
36	Prasad Bote	DS Automation	2.0 LPA
37	Shreyash Gadkari	DS Automation	2.0 LPA
38	Nikhil Chavan	DS Automation	2.0 LPA
39	Sandesh Mangalekar	DS Automation	2.0 LPA
40	Koushik Patil	Shanti Technocrats	2.4 LPA
41	Dilnawaz Daryawardi	Tecspeak IT Solutions	2.0 LPA
42	Romman Daryawardi	Tecspeak IT Solutions	2.0 LPA
43	Omkar Pramod Kadam	Titagarh Rail Systems Limited	3.2 LPA

FACULTY OF DEPARTMENT

The Mechatronics Engineering Department at SITCOE, Yadrav, is proud to have a team of highly qualified and dedicated faculty members. With their vast knowledge, industry experience, and passion for teaching, they provide students with the perfect blend of theoretical foundations and practical insights. Committed to fostering innovation and excellence, the faculty continually guides and inspires students toward achieving their academic and professional goals.

Sr. No.	Name of Faculty	Experience	Area of Specialization
1.	Dr. Shikalgar Shabanam Khalid	19 Years	Image Processing, Signal Processing
2.	Mrs. Rupali S. Sajane	11 Years	Thermal Engineering
3.	Mrs. Kalyani Vaibhav Joshi	10 Years	Image and Video Processing
4.	Dr. Krishnkant Sahu	4Years(Teaching),	Machine Design

		1 Year (Industrial)	
5.	Mr. Pankaj Jingonda Patil	10 Years	Material Science
6.	Mr. Vikram B. Nalawade	12 Years	Metallurgy
7.	Mr. Sunil S. Jogle	13 yrs	Machine Design, Metrology and Quality Control
8.	Mr. Swapnil S. Sajane	11 Years	Heat and Power Engineering
9.	Dr. Abhijit Banik	3 Years	Welding Technology
10.	Dr. Ramesh Maloth	12 Years	Power System & Power Electronics
<u>Staff</u>			
1.	Mr. Nitin Alatekar	1 Year	Electrical Dip.



Shri Shamrao Patil (Yadavkar) Educational & Charitable Trust's

SHARAD INSTITUTE OF TECHNOLOGY, COLLEGE OF ENGINEERING

Yadav (Ichalkaranj Dist-Kolhapur (Maharashtra))

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