



SHARAD INSTITUTE OF TECHNOLOGY
Shri Shamrao Patil (Yadavkar) Educational & Charitable Trust's

SHARAD INSTITUTE OF TECHNOLOGY COLLEGE OF ENGINEERING

YADRAV - ICHALKARANJI - 416 121

AN AUTONOMOUS INSTITUTE

» NBA Accredited Programmes » NAAC 'A' Grade Institution » An ISO 9001: 2015 Certified Institute

Department of **Mechatronics Engineering** **News Letter - 2024-2025**

Volume : 01 Issue : 02

TECH BEACON



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



Hon. Shri. Anil Bagane
Executive Director
SITCOE, Yadrav



Dr. Sanjay A. Khot
Principal
SITCOE, Yadrav

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Shri. Shamrao Patil (Yadravkar) Educational & Charitable Trust's

Sharad Institute of Technology, College of Engineering Yadav- (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

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AN 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. P. A. Bajakke (Assistant Professor, & HOD)

I am delighted to present the **second edition of “TechBeacon”** for the academic year 2024–25, a collaborative effort by the dedicated faculty and enthusiastic students of the Mechatronics Engineering Department. Building on the success of the first edition, this issue continues our tradition of showcasing innovation, academic excellence, and student-driven creativity.

I extend my heartfelt congratulations to the entire editorial team of “TechBeacon” for their dedication, effort, and commitment in bringing this edition to life.

Wishing all our readers a stimulating and enriching experience.

From Faculty Editor's Desk



Dr. Abhijit Banik, Assistant Professor

Dear reader,

It is a privilege to continue serving as the editor of the “TechBeacon” magazine from the Department of Mechatronics Engineering, SITCOE. I am pleased to present **Volume 1, Issue 2** for the academic year 2024–25. Following the enthusiastic response to our inaugural issue, we are proud to bring you this second edition, reflecting the vibrant academic and co-curricular spirit of our department.

I express my sincere appreciation to all the contributors—faculty members and students—whose tireless efforts have shaped this edition. Special thanks to our Hon. Executive Director, respected Principal, our Head of the Department, and all faculty members for their continued encouragement and support.

From the Student Editor’s desk

It gives us immense pleasure to present **Volume 1, Issue 2** of our departmental magazine, “*TechBeacon*,” for the academic year 2024–25. This second edition is a reflection of the collective enthusiasm, creativity, and dedication of the students of the Mechatronics Engineering Department, constantly supported and guided by our respected faculty.

Being part of the editorial journey has been a rewarding and enriching experience for all of us. From planning and content development to design and final compilation, every step has involved teamwork, student contributors and our editorial team who made this edition possible.

We sincerely thank all the faculty members for their encouragement and guidance, and we deeply appreciate the efforts of all.

Student Editors



Kininge Shubhangi Mahavir.
(SY MTRX)

Pruthviraj Prakash Mane.
(TY MTRX)

<u>Student Coordinators</u>	
Name	Year
Bhosale Aditi Amar	Second Year
Damate Komal Subhash	Third Year
Towar Diksha Deepak	Third Year
Mullani Sohel Shamshuddin	Third Year
Biranje Soham Tanaji	Second Year

FACULTY ACHIEVEMENT

The faculty members of our department are deeply committed to continuous professional growth through active participation in training programs, cutting-edge research, and academic pursuits. By engaging in these initiatives, they consistently refine their expertise and remain at the forefront of advancements in mechatronics and related disciplines. This dedication not

only enhances their own knowledge but also empowers them to deliver high-quality education, nurturing students' technical proficiency and overall development.

Additionally, these professional activities foster interdisciplinary collaboration, sparking innovation and strengthening the institution's academic and research environment. Through their unwavering commitment to excellence, our faculty members play a vital role in shaping a dynamic and forward-thinking learning community.

FACULTY DEVELOPMENT PROGRAMME

Sr. No.	Name of Faculty	Name of Workshop Organized/Attended	Date	Details	Mode
1.	Dr. Shikalgar Shabanam	Quantum Computing: Fundamentals and Future Directions	06/01/2025 - 11/01/2025	MITADT School of Computing Pune	(Online ATAL Workshop)
2.		AI/ML Applications for Next generation Wireless Communication	03/02/2025 - 09/02/2025	Atal bihari Vajpayee Institute, Gwalior	(online)
3.	Mrs Joshi Kalyani	Convolutional Neural Networks in Python: CNN Computer Vision	3/12/2024	Udemy	(online)
4.		Digital Twin Revolution: Bridging the Physical and Virtual Worlds	23/12/2024 - 27/12/2024	MIT Academy of Engg Pune (IEEE sponsored)	
5.		Generative AI and its Multidomain Use Cases	2/12/2024 - 6/12/2024	Vishwakarma Institute of Technology, Pune	
6.	Mr. V. B. Nalawade	FDP on Latest Trends in Additive Manufacturing, Thapar Institute of Engineering and Technology, Patiala, Punjab	17/2/25 - 21/2/25	Thapar Institute of Engineering and Technology, Patiala, Punjab	Off-line
7.		Microwave Processing and 3D Printing of Functional Materials - From Fundamentals to Future Technologies	3/2/25 - 8/2/25	AICTE - ATAL supported online Faculty Development Program, GIT, Belagavi	
8.		3D Printing and Design	10/2/25 - 15/2/25	AICTE - ATAL supported	

				online Faculty Development Program, WIT, Solapur	
9.	Dr. Abhijit Banik	Artificial Intelligence for Science and Engineering	17/02/2025 - 22/02/2025	NIT, Nagaland	Online
10.		Mechatronics	Feb 2025 - Apr 2025	Online NPTEL course	Online
11.	Dr. Maloth Ramesh	Permanent Magnet Synchronous Motor (PMSM)	23/12/2024 - 28/12/2024	NIT, Warangal	

NPTEL COURSES COMPLETED

SR. No.	Name of Faculty	Course Name / Type	Certification Authority	Length of course	Score/ Grade Achieved
1.	Mr. Vikram Balasaheb Nalawade	Advances in Additive Manufacturing of Materials: Current Status and Emerging Opportunities (Online)	NPTEL Online Certification	12 Weeks	75 % , Elite



Elite

NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)

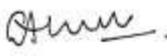


Skill India
कौशल भारता - कुशल भारता

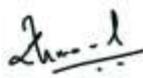
This certificate is awarded to
VIKRAM BALASAHEB NALAWADE
for successfully completing the course
Advances in Additive Manufacturing of Materials: Current Status and Emerging Opportunities
with a consolidated score of **75 %**

Online Assignments	23.75/25	Proctored Exam	51/75
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Total number of candidates certified in this course: **350**


Prof. G. L. Sivakumar Babu
Chairman, Center for Continuing Education
IISc Bangalore

Jan-Apr 2025
(12 week course)


Prof. L. Umanand
NPTEL Coordinator
IISc Bangalore


 Indian Institute of Science Bangalore



Roll No: NPTEL25MM02S1156300015
To verify the certificate

No. of credits recommended: 3 or 4

SR.	Name of Faculty	Course Name / Type	Certification Authority	Length of course	Score/ Grade
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No.	Faculty	Authority	course	Achieved
2.	Dr. Abhijit Banik	Mechatronics	NPTEL Online Certification	64%, Elite



NPTEL-AICTE

Faculty Development Programme

(Funded by the MoE, Govt. of India)



This certificate is awarded to

DR ABHIJIT BANIK

for successfully completing the course

Mechatronics

with a consolidated score of **64 %**





Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



(Feb-Apr 2025)

Roll No: NPTEL25ME91S1149401261 Duration of NPTEL course : 8 Weeks

The candidate has studied the above course through MOOCs mode, has submitted online assignments and passed proctored exams. This certificate is therefore acceptable for promotions under CAS as per AICTE notifications dated 18th Nov. 2023, similar to other refresher / orientation courses. F.No. AICTE / RIFD / FDP through MOOCs / 2023

PUBLICATION DETAILS (AY 2024-25, 2nd Sem)

SR. No	Name of Faculty	Title of Paper	Publication Details (National conference/ International Conference/ Journal Publication)
1	Dr. Ramesh Maloth	A novel fuzzy assisted sliding mode control approach for frequency regulation of wind-supported autonomous microgrid.	Journal Scientific Reports, Published 28 Dec. 2024
3.	Dr. Abhijit Banik	Analysis of Weld Quality in Dissimilar Friction Stir Welding of Aluminium and Copper Using Characterization of Force and Torque Signals	<i>Journal of Materials Engineering and Performance, Published 27th May 2025</i>
3.	Mr. Swapnil Shivaji Sajane	AI Enhanced Cooling System for Sustainable Building Design : A Pathway to Net- Zero Emmisions	<i>GreenAI Nexus 2025, International Conference on AI for Environment, Energy, and Earth Sciences 2025</i>
4.	Swapnil Shivaji	Energy- Efficient Building Design and Green Construction	<i>Sustainable Smart Cities and the Future of Urban Development ,IGI Global.</i>

Sajane, Roopali Swapnil Sajane, Pankaj Jingonda Patil	Practices for Smart Cities (Book Chapter)
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MTESA DETAILS (MECHATRONICS ENGINEERING STUDENT ASSOCIATION)

The Mechatronics Engineering Department at Sharad Institute of Technology College of Engineering (SITCOE), Yadrav, is dedicated to fostering innovation and intellectual development among its students. Through initiatives like Innovation 2025, the department provides a dynamic platform for students to showcase their creativity, engage in cutting-edge technical challenges, and collaborate with peers from across the country.

Innovation 2025 is a national-level technical symposium designed to inspire the next generation of engineers and innovators. Bringing together students from multiple states, including Maharashtra and Karnataka, the event features a diverse range of competitions, workshops, and interactive sessions aimed at promoting technological advancement and problem-solving skills. By encouraging hands-on learning and interdisciplinary collaboration, Innovation 2025 empowers participants to push the boundaries of mechatronics and beyond.

Through such initiatives, the Mechatronics Engineering Department at SITCOE continues to play a pivotal role in shaping future-ready engineers, equipping them with the skills and mindset needed to excel in both academic and professional landscapes.

EVENTS ORGANISED

<u>Events</u>	<u>Name</u>	<u>Date</u>	<u>Competitions</u>
1.	Innovation 2K25	9th April, 2025	- IQ Clash - Break & Build Challenge

Number of Participants in Impetus 2K24.

Sr. No.	Name of event	In-house participation	Out-house participation
1.	IQ Clash	56	6
2.	Break & Build Challenge	204	6
Total Participants		272	

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

Sr. No	Name of event	Prize	Name of students
1.	Break & Build Challenge	First	Rohan Sudhir Kavade
		Second	Pranav Mathapati
		Third	Prithviraj Mane
2.		First	Hrishikesh Baban Koli
		Second	Samriddhi Sampatrao Gharage
		Third	Piyusha Awate, Tejaswini Bhuyekar

FAREWELL EVENT OF FINAL YEAR STUDENTS



“A Year of Growth, Learning, and Lasting Memories”

The academic year at the Mechatronics Engineering Department, SITCOE, has been a vibrant journey filled with learning, innovation, and celebration. Through a wide range of initiatives—including guest lectures, industrial visits, workshops, value-added programs, and technical events—we have strived to provide our students with a well-rounded educational experience that bridges the gap between academia and industry.

The farewell event captured in this photo is not just a moment of goodbye, but a reflection of the strong bond shared between students and faculty. It symbolizes the successful culmination of our collective efforts to shape competent, confident, and industry-ready professionals.



Students presenting projects



Prize Distribution

INDUSTRIAL VISITS

Industrial visits form a crucial part of the department's commitment to experiential learning, offering students first-hand exposure to real-world industrial environments. These visits are carefully curated to align with the core areas of the academic curriculum, enabling students to observe practical applications of theoretical concepts. By bridging the gap between classroom learning and industry practices, such initiatives significantly enhance students' understanding of current technologies and operational methodologies.

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

Sr. No.	Name & Address of Organization	Class	Date	% Attendance
1	Eibenstock Positron	TY	9/1/2025	65%
2	Pragati Automation	SY	9/1/2025	80%
3	Riddhi Casting	TY	9/1/025	65%
4	Perfect Plastic	SY	9/1/2025	80%
5	Innovista Automation	TY	10/1/2025	50%
6	SIBIC, Kolhapur	TY	28/3/2025	50%
7	Sound Casting	SY	2/4/2025	80%
8	ISRO Satellite center	TY	3/4/2025	30
9	Lee Pra Technology	TY	3/4/2025	30

GLIMPSES OF INDUSTRIAL VISIT









GUEST LECTURE SUMMARY/STUDENT ENRICHMENT PROGRAM

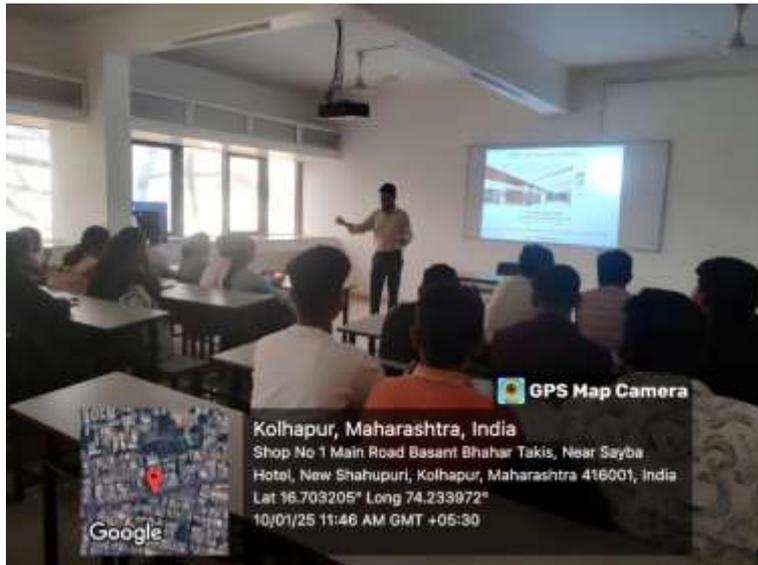
Guest lectures have become an essential part of modern educational practices, offering students opportunities to connect classroom learning with real-world applications. These sessions bring in professionals and experts from diverse industries, allowing students to broaden their knowledge and understand emerging trends and practices. Recognizing the importance of such interactions, the Mechatronics Engineering Department consistently arranges guest lectures to supplement academic instruction and foster industry-academic collaboration. These engagements not only inspire students but also equip them with practical insights that go beyond textbook learning.

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	Recent trends in Embedded Systems	Mr.B.S.Patil, Director, Black Star Products, Mumbai	14-12-2024	SY
2	Additive Manufacturing	Mr.Arun Yeware, Co-Founder, Atelier Technologies, Miraj	04-01-2024	SY
3	Introduction to Quality Standards: ISO 9001 and IATF 16949	Mr. Bhikaji Jagannath Sutar, Asst. Manager, Maurya Industries, Kolhapur.	06-01-2025	TY
4	Self Employment & Entrepreneurial Skills	Mr.Arifmohammad Attar, Chief Operating Officer, SIBIC, Kolhapur	10-01-2025	TY
5	Road Safety Awareness	Mr.Vijay Ingavale, Assistant Regional Transport Officer, RTO, Ichalkaranji.	17-01-2025	SY & TY
6.	Career Opportunities & Higher Studies in Abroad	Mr. Prajyot Kamalakar, Senior Cloud Network Engineer, Teradata, Pune.	18-01-2025	TY
7.	Industrial Automation	Mr.Akash Dongale, Owner, DS Automation, Kolhapur.	25-03-2025	SY

GLIMPSES OF GUEST LECTURES







VALUE ADDITION PROGRAM

In today’s dynamic educational landscape, value-added programs have emerged as a key component in nurturing holistic student development. These initiatives are strategically crafted to provide learners with specialized skills and hands-on experiences that extend beyond conventional academics. By integrating practical training with emerging industry trends, such programs significantly enhance students' employability and professional readiness. The Mechatronics Engineering Department is committed to this forward-thinking approach, regularly organizing value-added programs that bridge the gap between theory and application. Through these efforts, the department cultivates a spirit of lifelong learning and equips students to thrive in a fast-paced, technology-driven world.

Name of the Course	PYTHON
Duration	06-01 -2024 to 11-01-2024
No’s of Students Benefited	49
Class	SY
Resource Person	Mr. Dhaval Wahwade, Info Grow, Kolhapur. 7888030099
Venue	Mechatronics Dept. Room No. 449 and 423B



Name of the Course	PLC & HMI
Duration	03-02-2025 to 08-02-2025
No's of Students Benefited	50
Class	TY
Resource Person	Mr. Akash Dongale, Managing Director, DS Automation, Kolhapur. 8855900326
Venue	Mechatronics Dept. Room No. 449 and 423B



MINI PROJECT

The Mechatronics Engineering Department proudly showcases the innovative mini-projects developed by our second and third-year students this semester. These projects highlight their passion for learning, inventive thinking, and dedication to pushing the boundaries of 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.	Colour Sorting Machine	2.	3D Scanner
3.	Ventiletor with variable BPM & oxymeter	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.	High way 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.	Touchless 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.	Dustproof 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 pol surface cleaner using solar energy

STUDENT ACHIEVEMENT

SITCOE, Yadrav continues to serve as a source of inspiration, cultivating an environment where students are motivated to engage in a variety of competitions that test their knowledge and spark creativity. By promoting a culture of innovation and excellence, the institute equips students for well-rounded development and success in a rapidly changing world. This semester has been especially noteworthy for the Mechatronics Engineering Department, as students have reached important milestones, demonstrated exceptional talent, and brought pride to the institution.

SR. No.	Name of the student	Name of Event/Type	Level	Date of Event	Institute Name	Rank/ Participants
1.	Karan Mukesh Pitroda	IN SPARK 2k25, Project	National	16/04/2025	SMKD Education Society Nandurbar	2nd
2.	Soham Tanaji Biranje	IN SPARK 2k25, Project	National	16/04/2025	SMKD Education Society Nandurbar	2nd

3.	Karan Mukesh Pitroda	DIPEX, Project	State level	3 to 6/04/2025	COEP Technological University Pune	1st
4.	Sofiya Mansoor Mulani	Innovation 2025, Project	National	12/04/2025	ADCET Ashta	1st
5.	Soham Tanaji Biranje	Innovation 2025, Project	National	12/04/2025	ADCET Ashta	1st
6.	Prathamesh Sagar More	ADBHUTA 2K25, Project	National	14/02/2025	TKIET Warananagar	2nd
7.	Soham Tanaji Biranje	ADBHUTA 2K25, Project	National	14/02/2025	TKIET Warananagar	2nd
8.	Sofiya Mansoor Mulani	DIPEX 2025, Industrial Automation	State level	3 to 6/04/2025	COEP Technological University Pune	1st
9.	Niranjan S.Todkar	Innovation 2K25, IQ Clash	National	09/04/2025	SITCOE, Yadrav	2nd
10.	Sohan Kamalakar Kumbhar	ECO CLUB, Idea Presentation	College Level	30/01/2025	SITCOE, Yadrav	3rd
11.	Shivam Dilip Karvire	ECO CLUB, Idea Presentation	College Level	30/01/2025	SITCOE, Yadrav	3rd
12.	Diksha Deepak Towar	ECO CLUB, Idea Presentation	College Level	30/01/2025	SITCOE, Yadrav	2nd
13.	Pruthviraj Mane	Innovation2k 25, Break & Build Challenge	National	09/04/2025	SITCOE, Yadrav	3rd



Dipex 2025- Achieved first rank



Innovation 2k25 , Break and Build challenge – Prize Distribution

PLACEMENT LIST

The Mechatronics Engineering Department at Sharad Institute of Technology College of Engineering (SITCOE), Yadav, 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
1	Aniket Ajit Bhosale	INGENIUM DRIVES,MIDC Bhosari Pune(7770048249)
2	Aditya Amar Kadam	L&T Technology Services, Byatarayanpura Villege Bengaluru

3	Sanket Koli	TOX PRESSOTECHNIK(INDIA)PVT.LT D, paud Pune (+912066538300)
4	Mandar Dongare	TOX PRESSOTECHNIK(INDIA)PVT.LT D, paud Pune (+912066538300)
5	Aljaid M Mulla	Mahabal Metals PVT.LTD, MIDC Miraj (0233-2645392)
6	Amitkumar Rampukar Prasad	Castomatch Global Pvt.Ltd,Veerbhadra Nagar Road,Chakan ,Maharashtra
7	Pravin Kakasaheb Patil	Castomatch Global Pvt.Ltd,Veerbhadra Nagar Road,Chakan ,Maharashtra
8	Narendra Dipak Chavan	Layam Flexi Solutions Pvt.Ltd, MIDC Chakan Pune (044-24452506)
9	Sanket Sunil Gore	Layam Flexi Solutions Pvt.Ltd, MIDC Chakan Pune (044-24452506)
10	Soham Dhage	SAKA ENGINEERING SYSTEM (P)Ltd, MIDC Bhosari Pune(020- 27110011)
11	Rohit kolekar	SAKA ENGINEERING SYSTEM (P)Ltd, MIDC Bhosari Pune(020- 27110011)
12	Shafin Mulla	SAKA ENGINEERING SYSTEM (P)Ltd, MIDC Bhosari Pune(020- 27110011)
13	Dipak Mali	SAKA ENGINEERING SYSTEM (P)Ltd, MIDC Bhosari Pune(020- 27110011)
14	Shubham Balu Kamble	YO Labs Bangalore
15	Soham Chavan	Wipro Pari Pvt.Ltd, Shirwal (+918904021750)
16	Mayur Patil	Icare Lift System, office nO 4, Andheri Mumbai(8711882200)
17	Vishakha V Patil	Yazaki India Pvt.Ltd, Wagholi rahu Road, Kesnanad Pune (+912066315000)
18	Priyanka S Devkate	Yazaki India Pvt.Ltd, Wagholi rahu Road, Kesnanad Pune (+912066315000)
19	Pragati R Patil	Yazaki India Pvt.Ltd, Wagholi rahu Road, Kesnanad Pune (+912066315000)
20	Tanuja N Vadage	Yazaki India Pvt.Ltd, Wagholi rahu Road, Kesnanad Pune (+912066315000)

21	Chinmay V Kore	Yazaki India Pvt.Ltd, Wagholi rahu Road, Kesnanad Pune (+912066315000)
22	Sujal S Kurade	Yazaki India Pvt.Ltd, Wagholi rahu Road, Kesnanad Pune (+912066315000)
23	Namrata B Patil	Yazaki India Pvt.Ltd, Wagholi rahu Road, Kesnanad Pune (+912066315000)
24	Pranali B Chougule	Yazaki India Pvt.Ltd, Wagholi rahu Road, Kesnanad Pune (+912066315000)
25	Anjali R Eksambe	Yazaki India Pvt.Ltd, Wagholi rahu Road, Kesnanad Pune (+912066315000)
26	Ashika H Shetty	Yazaki India Pvt.Ltd, Wagholi rahu Road, Kesnanad Pune (+912066315000)
27	Sayali S Khadake	Yazaki India Pvt.Ltd, Wagholi rahu Road, Kesnanad Pune (+912066315000)
28	Asifali Mujawar	Wipro Pari Pvt.Ltd, Shirwal (+918904021750)
29	Suparshwa Rajendra Danwade	Deva Services Ichalkarnji (8177847170)
30	Dake Souhrab M	Dake Industries Ichalkarnji(9002629003)
31	Salaman S Bhandari	K Soft Engineering Consultancy Services, Kupwad, Dist. Sangli.
32	Ghodiumr Razzain I	K Soft Engineering Consultancy Services, Kupwad, Dist. Sangli.
33	Potadar Abhijeet Narendra	TRIO Motion Tchnology IndiaPVT LTD, IDC Bhaosari Pune
34	Chavan Ajinkya Anil	TRIO Motion Tchnology IndiaPVT LTD, IDC Bhaosari Pune
35	Magadam Digvijay Chandrakant	Oxycare India PVT LTD, Bhunderpada Thane, mumbai(9321385347)
36	Vibhute Samruddhi Mukand	KIML Kyungshin Industrial Motherson Pvt. Ltd Maval Pune
37	Sarje Priya Sukhadev	KIML Kyungshin Industrial Motherson Pvt. Ltd Maval Pune
38	Bhuyekar Swapnil Nagnath	Oxycare India PVT LTD, Bhunderpada Thane, mumbai(9321385347)
39	Kore Jaykumar Ishawar	Kirloskar Brothers PVT LTD, Pune plant

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 guide and inspire students toward achieving their academic and professional goals.

Sr. No.	Name of Faculty	Experience	Area of Specialization
1.	Dr. P.A. Bajakke (HOD)	9 Years	Material Science, Severe Plastic Deformation, Metal Matrix Composites, Friction Stir Welding/Processing, Powder Metallurgy, Microwave Sintering
2.	Dr. Shikalgar Shabanam Khalid	19 Years	Image Processing, Signal Processing
3.	Mrs. Rupali S. Sajane	11 Years	Thermal Engineering
4.	Mrs. Kalyani Vaibhav Joshi	10 Years	Image and Video Processing
5.	Dr. Krishnkant Sahu	4 Years (Teaching), 1 Year (Industrial)	Machine Design
6.	Mr. Pankaj Jingonda Patil	10 Years	Material Science
7.	Mr. Vikram B. Nalawade	12 Years	Metallurgy
8.	Mr. Sunil S. Jugle	13 yrs	Machine Design, Metrology and Quality Control
9.	Mr. Swapnil S. Sajane	11 Years	Heat and Power Engineering
10.	Dr. Abhijit Banik	3 Years	Manufacturing

			Technology, Material Processing, Joining Technology.
11.	Dr. Ramesh Maloth	12 Years	Power System & Power Electronics
<u>Staff</u>			
1.	Mr. Nitin Alatekar	1 Year	.Electrical Dip



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

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