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

Yadav (Ichalkaranji)

NBA Accredited Programmes
NAAC 'A' Grade Institution
Affiliated to DBATU, Lonere
An ISO 9001:2015 Certified Institute

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 Electronics & Computer engineering education to prepare professionally competent engineers with lifelong learning attitudes for the accomplishment of ever-growing needs of society

Department MISSION

1. To prepare technically and professionally competent engineers by imparting quality education through effective teaching learning methodologies and providing stimulating environment for research and innovation.

2. To develop professional skills and right attitude in students that will help them to succeed and progress in their personal and professional career.
3. To imbibe moral and ethical values in students with concern to society and environment

Dr.Pravinkumar S. Patil (Associate Professor & Head of Department)
B.E., ME, Ph.D.

“Success and failures are just stepping stones in education. In the end, knowledge stands as prime, leaving everything else immaterial” It gives me an excellent opportunity to unveil the Fifteen issues of the Newsletter of the Electronics and Telecommunication Department. Within the pages, everyone will find news related to various activities of the Department and student association with contributions of the faculty members and students. Through a nice blend of coursework and projects, the Department endows students to apply science, mathematics, and engineering knowledge to work effectively in multidisciplinary teams, provide leadership and technical expertise, and practice engineering with ethical approaches and concern for society and the environment. Our curriculum undergoes regular revisions to ensure local relevance with a global outlook. I hope everyone will find this exciting issue exposed to students and faculties.

From Faculty Editor Desk: - Mr. M. M. Babar (Editor): -

Dear Reader,

Introducing E&C newsletters ‘ece messengers.’ We were overwhelmed by the response that we received from the co-coordinators, heads of departments, and faculty members in making this newsletter possible. In this newsletter, we have reported significant achievements of the Department, staff, and students. Campus news and events and the placement scenario have also been emphasized. I am glad to acknowledge the kind support that I received, directly and indirectly, to bring out the newsletter on time.

From the Student Editors desk: -

Dear readers,
Our E&C Engineering department has always been successfully competing with all the challenges.It gives us immense pleasure to become student editors of this etc-messenger. We are thankful to find us capable of this work.

Students Co-coordinator (SRG)

Mr. Dhanesh Pareekh
(B.Tech ETC)

Mr.Sahil Tashildar
(B.Tech ETC)

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Program Educational Objectives (PEOs)

1. Acquire fundamental knowledge of electronics, computer Science Engineering to design, develop new ideas and solve real-life problem.
2. Excel in professional carrier by applying recent technologies & skills as electronics & computer engineering field evolves.
3. Possess leadership qualities, effective communication skills & lifelong learning attitude to work efficiently with diverse teams, corporate, IT industry promoting appropriate practices & sense of social responsibility.

Faculty Development Programme

Our Department Arranged Faculty Development Programme on **Innovative Education and Research: OBE, Effective Assessment, Research Integrity and Personality Development"**.

Key Speakers :

- Dr. Rajkumar B. Patil Associate Professor- Dwarkadas Sanghvi College of Engineering, Mumbai.
- Dr. Prafull Hatte -Research and Development Dean MIT Academy of Engineering, Alandi, Pune.
- Dr. Shefali P. Sonavane Associate Professor, Walchand College of Engineering. Sangli
- Dr. V. B. Kakade Professor, Economics Department, Shivaji University, Kolhapur.
- Dr. ManishaBhojkar Ayurveda Consultant and Counselling Psychologist

Objectives of FDP

- To identify and refine feasible and worthwhile topics of research.
- To do a literature search and identify relevant source materials.
- To conduct a literature review, map the literature, and identify the research gap.
- To formulate the research problem in a specific context.
- To formulate research objectives and research questions.
- To write a research methodology.
- To find Funding Opportunities for Project Proposals.
- To write a goofundingproposalng.

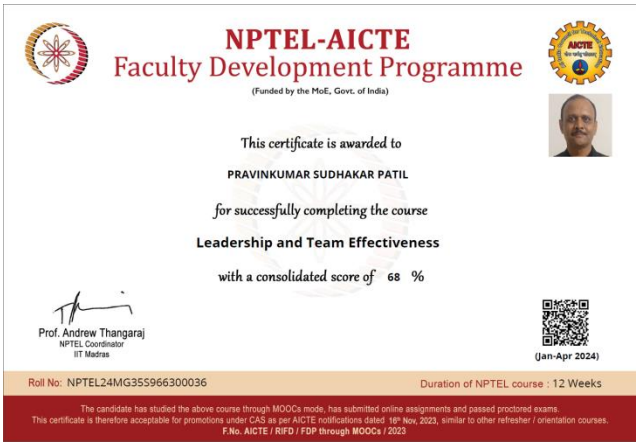
Sr.No	Name of Workshop Organized	Date	Source of Filling	Target Audience
1	**Faculty Development Program On "Innovative Education and Research: OBE, Effective Assessment, Research Integrity and Personality Development**	03rdJune – 08th June, 2024	E &C Dept.,SITCOE	120

Faculty Achievement

Faculties from our Department completed STTP,NPTEL Courses , ATAL FDP, Introducing book publication, project participation etc., enhance their knowledge and, which is imparted to the students for their technical growth

1. **NPTEL**

Sr. No	Name of Faculty	Name of Course	Certificate Type
1	Manoj Motilal Babar	Introduction to programming in C	Elite+Silver
2	Kupade Kadgonda Annasaheb	Introduction To Professional Scientific Communication	Elite
3	Pravinkumar Sudhakar Patil	Leadership and Team Effectiveness	Elite
4	Bhagyashree Jagtap	E-Business	Elite
5	MADHURI NAGNATH SACHANE	Deep Learning	Elite
6	Rahul Rajendra Joshi	Sensors and Actuators	Successfully completed
7	Dr Sachin Surendra Gurav	Advanced Computer Networks	Successfully completed
8	Rahul Rajendra Joshi	Computer Vision And Image Processing - Fundamentals And Applications	Successfully completed
9	Swati Shreepal Halunde	Advanced Computer Networks	Successfully completed



2. Paper Published

SR.No	Name of Faculty	Name Of Paper	Publication Details
1	Ms.M B Mulik	Reflectance material classification using optimized deep learning and change detection of LANDSAT surface reflectance image	Volume 126, November 2023, 106697 https://www.sciencedirect.com/science/article/abs/pii/S0952197623008813
2	Dr S T Jadhav	Automated COVID 19 detection from Exhaled Human Breath using CNN-Cat Boost Ensemble Model	Vol-7, https://scholar.google.co.in/scholar?q=Automated+COVID+19+detection+from+Exhaled+Human+Breath+using+CNN-Catboost+Ensemble+Model&hl=en&as_sdt=0&as_vis=1&oi=scholart

3. Book/Chapter Publication

Sr No	Name of Author	Name of Book/Chapter	Publisher Name
1	Dr S S Gurav	Self Sustained E-toilet system using IOT	BP International, https://stm.bookpi.org/CPSTR-V2/article/view/12906

Professinal Society Activiites

ISTE Activity for Academic Year 2023-24 Sem-II

Sr. No.	Name of Activity	Target Students	Date of conduction
1	Expert talk on “Introduction to Robotics”	T.Y. Students	07/08/23
2	Expert talk on “consultancy”	T.Y. Students	08/08/23

3	Expert talk on “Opportunities Thorough Gate Exam and preparation Strategy”	T.Y. Students	17/08/23
4	Industrial Visit”Digisat Skill India Pvt. Ltd,pune”	Btech Students	18/08/23
5	Industrial Visit”ISTC TRAINING CENTRE PUNE”	Btech Students	18/08/23
6	Industrial Visit”Philips GBS LLP ,pune”	Btech Students	3 rd week of august 2023
7	Expert talk on “Smart goal setting & opportunities in manufacturing”	Btech Students	25/08/23
8	Event ‘’Teachers day”	All Students	05/09/23
9	Industrial Visit”SNR ELECTRONICS Kupwad”	TY Students	09/9/23
10	Impetus Event	All students	1 week of October 2023
11	FDP	All ECE faculties	Jan 2024
12	Expert Talk	SY Students	2 week of jan 2024
13	Expert Talk	TY Students	2 nd week of feb 2024
14	Visit	SY Students	3 rd week of feb 2024
15	Expert Talk	TY Students	1 week of march 2024
16	Expert talk	TY Students	2 nd week of march 2023

IETE Activity for Academic Year 2023-24 Sem-II

Sr. No.	Name of Activity	Target Students	Date of conduction
1	Nil	Nil	Nil

Student Achievement

Sr. No.	Name of Student	Name of Event	Date	Organizer	Level	Remark
1	Ms. Samruddhi Revanji Patil	Paper Presentation	22-04-2024	SITCOE,Yadrav	National Level Technical Event	1st
2	Mr. Harish Raju Machha	Code Trix	22-04-2024	SITCOE,Yadrav	National Level Technical Event	1st
3	Abulraman S	Abulraman S	Abulraman S	Abulraman S	Abulraman S	3rd

	Nayakwadi	Nayakwadi	Nayakwadi	Nayakwadi	Nayakwadi	
4	Zeba Shoaib Khakhu	Debate Competition	22-04-2024	SITCOE,Yadrav	National Level Technical Event	2nd
5	Pragat Devanand Pachore	Debate Competition	22-04-2024	SITCOE,Yadrav	National Level Technical Event	3rd

ECESA details (Electronics & Computer Engineering Student Association)

Electronics & Computer Engineering Student's Association (ECESA) tries to improve the personality of every student. This Association helps them achieve the goal of an intellectual and thinking person which in turn helps them in their academic and extracurricular activities. This society provides them with a platform where they can explore their hidden abilities. It allows them to work in a group of members from all the years.

Innovation 2K24-Technical events are organized every year with the objective to provide a platform for the students to showcase their talent with a competitive spirit. The event was successful enough to attract as many as 1750 participants from Maharashtra andKarnatakastate. event completed in one day.

Event Name: Paper Presentation		
Rank	**Name**	**College Name**
1st	Ms. Samruddhi Revanji Patil	SITCOE
2nd	Manaswi Sunil Kalake	KIT
3rd	Prashant Balkrishna Ashtekar	JJMCOE

Event Name: Code Trix		
Rank	**Name**	**College Name**
1st	Mr. Harish Raju Machha	SITCOE
2nd	Laxmi Ramesh Wandare	DkTE
3rd	Abulraman S Nayakwadi	SITCOE

Event Name: Debate Competition		
Rank	**Name**	**College Name**
1st	Pramod Laxman Deshmukh	DkTE
2nd	Zeb-Shoaib Khakhu	SITCOE
3rd	Pragat Devanand Pachore	SITCOE

Industrial-visits

The Department organizes Virtual industrial visits. The excursions and industrial visits are for the students, which are relevant to the stream of study of the program.

Industrial Visit Conducted (A.Y-2023-24, SEM-II)

Sr. No.	Name	Class	Conduction Date	link/Address	Total student	Visited Faculty
1	Siddham Incubation Centre	TY	27/01/2024	Kolhapur	80	Ms.M.B.Mulik Ms.B.K.Jagtap Mr.K.A.Kupade
2	Swabhimani Dudh Sangh	SY	24/02/2024	Shirol	110	Dr.Sachin Gurav Mr.T.M.Diwakar Mrs.M.S.Mali
3	Shreem Capacitor/Electric	SY	13/02/2024 14/02/2024	Jambhali	66	Ms.S.Y.Salunkhe Mrs.M.S.Mali Ms.S.S.Halunde
4	KPT Industries	TY	19/03/2024 20/03/2024	Jasingpur	96	Ms.S.S.Halunde Ms.M.B.Mulik Dr.P.S.Pail Dr.S.T.Jadhav

Guest Lecture Summary/Student Enrichment Program

The modern education system has made guest lecturers an essential part of their learning strategies. Having guest speakers enhances the educational experience of the students. Moreover, it is an excellent way for the students to get maximum exposure.Keeping this aim in mind Electronics and Telecommunication Engineering department organizes various guest lectures.

Guest Lecture Summary of the Academic year 2023-24, SEM-II

Sr. No.	Topic for Expert Talk	Expert Name & Designation	Date of Expert Talk	Class	No. of Beneficiaries
1	Career Guidance	Prof.Abhay Kelkar. Advisor Shri Mahalaxmi Academy, Kolhapur	31-01-2024	TY.BTech	39
2	PHP and Wordpress	Mrs. Gouri Khot. Co-founder and director of, Platominds Services Pvt.Ltd.	05-02-2024	TY.BTech	51
3	Image Caption Generation: An Application oft AI	Dr. Sandeep Kumar Dash, HOD of Computer Science and Engineering, National Institute of Technology,Mizoram	07-02-2024	TY.BTech	64
4	Introduction to Data Visualisation	Mr.Abhay Chougule. Owner RacksonIT software Pvt Ltd,Pune	08-02-2024	SY B.Tech	

Value Addition Program

Our Department organizes value addition programs for improving the student's technical knowledge.

Sr.No.	VAP activity	Resource Person	Class	No. of Students	Date
1	Basic to advence Embedded System	Mr. Chetan Hogade, Techoware Electronics	TY A	74	29th Jan to 3rd Feb 2024
			TY B	55	5th Feb to 10th Feb 2024
2	Microsoft	Mr Pramaod Jaysing Desai ,Electrovision Technologies	SY	31	12th Mar 2024 to 16th Mar 2024

Innovation Centre

1. **Centre of excellence On VLSI and embedded system design**

This center is established in Association with ESSCI (Electronic sector skills council of India), IEEE (Institute of Electrical and Electronics Engineers), IESA, and Ministry of Skill Development. The Centerof Excellence "VLSI and Embedded Systems" is the first lab in the entire Maharashtra region and 3rd in India. The main aim of this center is to upgrade the skills among faculties, students, and non-teaching staff by providing appropriate training and to bridge the gap between industry and academia.

Centre @SITCOE

In this center of Excellence, the software tools are provided by Mentor Graphics (A Siemens Business) which worth a price of Rs. 60 Crore. Some of the tools and software which are provided are Capital, Board Stations, Hyperlink Advanced, Hyperlink VRC, Source R.Y. Code Bench, etc.
Certification will be certified by the Ministry of Skill Development and ESSCI.

Benefits to the Students:

- Students will learn updated tools that are currently used in the ESDM sector.
- Students will get placement benefits in the ESDM sector after the successful completion of training.
- Students acquire the knowledge of making the startups.
- Students will be upgraded with the appropriate skill set.

Activities Conducted in Center of Excellence VLSI AND EMBEDDED SYSTEM DESIGN

2. **Texas Instrument Lab**

Exposure to state-of-the-art technology through hands-on learning experience by using Microcontrollers such asMSP430 LAUNCH PADS,TIVA LAUNCH PADS,Educational Booster Pack MKII

Objective: -To utilize the launch pad and booster packs kits which are up gradated versions of recent microcontrollers by Electronics & Telecommunication Engineering Students to develop an innovative project. Better employability opportunities for students in embedded system domain companies

As the need for industry base knowledge is the prime requirement for now-a-day Engineering students. Keeping this view in mind SITCOE, Yadrav-IchalkaranjiIs striving hard to give a lot of project-based and industry-based training to studentsby arranging different workshops and training for students.

Two days In-House Workshop conducted by the students RohitSantiur, Ankitkumar Singh and PrachaliKamble of TY-ECE for SY students from SITCOE, Yadrav on 19th& 20th March 2024.

Total 32 SY students had enrolled for this workshop.

3. **PCB& Wireless Sensor LAB**

PCB Design

PCB design and development is one of the important steps in product or system development for all electronics-based gadgets, automobiles, machines, and equipment. The lab setup provides a facility for PCB development required for project work. Wireless Sensors are also made available for developing various Real-Time applications in various sectors like environmental monitoring, home automation, public safety, and health care systems.

Wireless Sensor networking plays a crucial role in designing and developing various Real-Time Implementation of projects in various sectors like environmental monitoring, home monitoring, and patient monitoring, and various sectors. Students used different modules for their projects

Objectives

- Give the student &faculty easier access to state-of-the-art electronics technologies.
- Assist with integrating new electronic technologies into research programs.
- Transfer those technologies to the users when economical.
- Provide cradle-to-grave support for ongoing research or transitioning to commercialization

E-Yantra Lab

E-Yantra (stylized as **e-Yantra**) stands as a robotics-focused educational outreach initiative originating from the Department of Computer Science and Engineering at the Indian Institute of Technology, Bombay. Supported by the Ministry of Education, Government of India, under the National Mission on Education through ICT (NMEICT), its primary objective is to supplement prevailing engineering and robotics higher education frameworks globally. The initiative aims to cultivate engineers equipped with the prowess to address local challenges spanning various domains including agriculture, disaster response, defense, manufacturing, home automation, smart cities, and service industries, leveraging technological innovations

PLACEMENT LIST

Sr. No.	Name of student	Name of Company	package
1	Vinayak Murukate (7387211083)	Cotmac Electronics Pvt.Ltd	2.9LPA
2	Supriya Khilare (7620475828)	Eibenstock Positron Elektrowerk Pvt Ltd	2.6LPA
3	Varun Gurav (7057757720)	Robosap Innovations Pvt.Ltd	7LPA
4	Shubham Desai (7057606236)	Siemens	6.5LPA
5	Sayali Raynade (9657804707)	Wipro Pari	3.5LPA
6	Sourabh Kumbhar (7709682830)	Wipro Pari	3.5LPA
7	Prajapati Arvind Sanwarmal (9579221517)	Bit Memory, Pune	6LPA
8	Tekale Vaibhav (8010359591)	ORBIT Tree India Pvt Ltd., Ichalkaranji	1.5LPA
9	Hegaje Shivani Sanjay (8956247672)	In Yantra, Shirwal, Pune	2.2LPA
10	Mengane Vidya Ramchandra (8605533847)	In Yantra, Shirwal, Pune	2.2LPA
11	Jagtap Sakshee Ramesh (9579787884)	JNS, Pune	2.4LPA
12	Patil Akashata (7218515216)	John Deere Pvt Ltd, Sawantwadi, Pune	1.9LPA
13	Pawar Manjiri (9022388568)	John Deere Pvt Ltd, Sawantwadi, Pune	1.9LPA

14	Patil Siddhi (9850207115)	John Deere Pvt Ltd, Sawantwadi, Pune	1.9LPA
15	Akshata patil (9373091070)	Cyber Success , Pune	2.2LPA
16	Juber Nadaf (9960164100)	Cyber Success , Pune	2.2LPA
17	Sakshi Sagar More (8080668741)	STEMROBO Technologies	3LPA
18	Sahil Kalawant (8767543395)	STEMROBO Technologies	3LPA
19	Amit Ajmane (7387191155)	TCS(Prime)	9LPA
20	Shravani muttur (9579997242)	TCS(Ninja)	3.6LPA
21	samir kothali (8766006340)	TCS(Ninja)	3.6LPA
22	sushil upadhyay (7483512324)	TCS(Ninja)	3.6LPA
23	Shreyas Padavle (9341908261)	Bitmapper	6LPA
24	Tirtha Ainapure (9767855052)	Gyansys infotech pvt limited	5LPA
25	Kushan sanjana sanjay () (9767855052)	Symbiosis (bajaj Engineeirng skills tarining	1.5LPA
26	Shradddha Amol Kumbhar () (9881644984)	Cigniti Technologies	3.2LPA
27	Shreya Sanjay Awati (9307479705)	Omegasoft, karvenagar, Pune	0.84LPA
28	Gauri Dattatray Bhosale (9307343024)	OEN, Pune	1.66LPA
29	Priyanka Popat Bhosale (7083765079)	OEN, Pune	1.44LPA
30	Snehal Kumar Dattawade (8421290524)	Star Engineers, Pune	1.8LPA
31	Supriya S Gharse (7620377228)	OEN, Pune	1.8LPA
32	Supriya Ramchandra Khilare (7387211083)	Eibenstock Positron Elektrowerk Pvt. Ltd., Plot No. 144/1,2,3, Tardal	0.96LPA
33	Snehal Vishnu Killedar (9890394749)	OEN, Pune	1.44LPA
34	Tekale Vaibhav Satyawan (9763551267)	ORBIT Tree India Pvt Ltd., Ichalkaranji	1.2LPA
35	Sanika Govind Koli (7249319657)	OEN, Pune	1.44LPA
36	Sonali Kudache (7218910179)	R D Electrocircuits, PQ4R+4VJ, M I D C Technology Park, Talwade, Pimpri-Chinchwad, Pune, Maharashtra 411062	1.8LPA
37	Sakshi S Kulkarni (8862063855)	Star Engineers, Pune	1.8LPA
38	Tejas Dipak Malage (9730798648)	Star Engineers, Pune	2.1LPA
39	Sagrika Sanjay Mete (9762801555)	OEN, Pune	1.44LPA
40	Sakshi Miraje (9699123250)	R D Electrocircuits, PQ4R+4VJ, M I D C Technology Park, Talwade, Pimpri-Chinchwad, Pune, Maharashtra 411062	1.8LPA

41	Sakshi Sagar More (9960164100)	Star Engineers, Pune	1.8LPA
42	Shravani H Muttur (7387191155)	OEN, Pune	1.8LPA
43	Mayuri Sujit Patil Konai (9665920342)	Star Engineers, Pune	2.04LPA
44	Swarupa Rakesh Patil (7499580995)	Star Engineers, Pune	2.04LPA
45	Sneha Patole (7387284177)	OEN, Chakan, Pune	1.5LPA
46	Pradnya Dagdulal Raybagkar (9307301766)	OEN, Chakan, Pune	1.44LPA
47	Prajakta Vijay Tarlekar (9511843700)	OEN, Pune	1.8LPA
48	Radhika Mahesh Varute (9172683672)	Star Engineers, Pune	2.1LPA
49	Shubham Desai (7038115908)	Star Engineers, Pune	2.04LPA
50	Aditya Ajit Ingale (8149661008)	Star Engineers, Chakan, Pune	2.04LPA
51	Ajit Mahavir Dhupdale (9309540636)	Star Engineers, Pune	2.04LPA
52	Rushikesh Shahaji Bhandare (7261971367)	Quality Power, Kupwad, MIDC	0.96LPA
53	Pushpraj Babaso Chougule (9359181502)	Star Engineers, Pune	1.8LPA
54	Narendra Sanjay Dawane (8482921936)	Yazaki India, Pune	1.68LPA
55	Aftab Faras (8177975373)	Star Engineers, Pune	2.04LPA
56	Sahil Kalawant (8080668741)	Star Engineers, Pune	2.04LPA
57	Aditya Khadpande (8262036263)	Star Engineers, Pune	2.04LPA
58	Yash Shaiendra Kundalkar (7758071604)	Star Engineers, Pune	1.8LPA
59	Rehman Mansuri (9158881516)	Star Engineers, Pune	2.04LPA
60	Swapnil Sanjay Nimbalkar (7972301922)	Star Engineers, Pune	1.8LPA
61	Nilesh Nandkumar Phalle (9156998204)	Star Engineers, Pune	2.04LPA
62	Sandesh Sanjay Powar (8080072788)	In Yantra, Shindewadi, Shirwal	1.44LPA
63	Rohan Rajesh Raikar (9370269498)	Laxmi Engineering Works, Jaysingpur	1.02LPA
64	Sachin Sanjay Koli (8496846031)	Star Engineers, Chakan, Pune	2.04LPA
65	Prasad Eknath Shinde (8788291276)	Star Engineers, Pune	2.04LPA
66	Tushar Shivaji Tardale (7278609696)	In Yantra, Shindewadi, Shirwal	1.44LPA
67	Jamadar Sana Munir	Star Engineers, Pune	2.04LPA

	(9145127055)		
68	Mane Ritika Mahadev (7758973496)	OEN, Pune	1.5LPA
69	Amit Namdev Ajamane (8767543395)	OEN, Pune	1.5LPA
70	Ashwinkumar Appanasamy (9527960873)	OEN, Pune	1.5LPA
71	Sanket Bharmu Chandure (7028497577)	OEN, Pune	1.5LPA
72	Sahil Dastagir Tashildar (7350642192)	Star Engineers, Pune	1.8LPA
73	Nikhil Babaso Dhanwade (8623053027)	OEN, Pune	1.5LPA
74	Harshwardhan Nandish Dhup (7775028188)	RD Electronics, Pune	1.86LPA
75	Sourabh Prakash Jadhav (9405329223)	RD Electronics, Pune	1.86LPA
76	Samir Irshad Kothali (9579997242)	OEN, Pune	1.44LPA
77	Sourabh Maruti Kumbhar (9657804707)	OEN, Pune	1.44LPA
78	Sanket Rajendra Mane (9356980773)	OEN, Pune	1.5LPA
79	Atharv Anil Mirage (8855030547)	OEN, Pune	1.5LPA
80	Vinayak B Murkate (7498303083)	COTMAC Electronics Pvt. Ltd., Pune	1.86LPA
81	Juber G Nadaf (9373091070)	OEN, Pune	1.5LPA
82	Shreyas Padavale (7483512324)	OEN, Chakan, Pune	1.8LPA
83	Dhanesh Vimalkumar Parrek (9175334556)	Star Engineers, Pune	1.8LPA
84	PATIL PRATHMESH ABHIJIT (9309560473)	Star Safeline System,	0.72LPA
85	PATIL RUSHIKESH SUKUMAR (7620940387)	Star Safeline System,	0.72LPA
86	Sourabh Nivrutti Patil (8624838119)	Rapid System, 1011, Korochi Mala, Korochi	0.6LPA
87	PATIL SOURABH SUNIL (7058805276)	Star Safeline System,	0.72LPA
88	Sushil Suresh Patil (9370019876)	Rapid System, 1011, Korochi Mala, Korochi	0.6LPA
89	Varsha Rajaram Naik (7385627625)	OEN, Pune	1.8LPA
90	Supriya Maruti Amane (9579822752)	OEN, Pune	1.8LPA
91	Tejas Dipak Malage	Star Engineers, Pune	1.8LPA

	(9730798648)		
92	Radhika Mahesh Varute (9172683672)	Star Engineers, Pune	1.8LPA
93	Mansi Bhauso Mane (7058112479)	OEN, Pune	1.8LPA
94	Deshinge Vaibhavi Parashram (7249872133)	Yazaki, Pune	1.92LPA
95	Netranjali S Magdum (7058442662)	TechnoScripts, Pune	2.04LPA
96	Sakshi S Kulkarni (8862063855)	Antolin Lighting India Pvt. Ltd., Pune	1.8LPA

Mini Project:-

We implement project-based Learning. In this, students did various mini-projects using different techniques.With this approach, students actively explore real-world problems and challenges and acquire more profound knowledge. Project-Based Learning is a teaching method in which students gainknowledge and skills by working for an extended period to investigate and respond to an authentic,engaging, and complex question, problem, or challenge.

Sr No	Class	Total No of Projects
1	SY A	17
2	S.Y. B	20
3	TY A	16
4	T.Y. B	16

SY A

Sr.no.	Project Name
1	Smart Dustbin
2	Motion Sensor Light Switch CD4017
3	Solar tracker system
4	EVM Machine
5	Social distancing ID card for blind person
6	Smart plant watering system
7	Solar power battery charging with reverse current protection
8	Fire Fighting Robot
9	LPG Gas leakage detection
10	Smart Irrigation System
11	Smart SoS Device
12	Touchless doorbell system
13	Smart Parking
14	Ultrasonic radar using Arduino
15	Home Automation

16	Solar Tracking System
17	Electronics Watchdog

S.Y. B

Sr.no.	Project Name
1	LDR based street light automation
2	Incoming mobile call indication
3	Design Kit for universal Gate
4	Sound Monitoring System
5	Transmission of data audio & text signal using Li-fi
6	Auto gas regulator
7	Smart Air Monotoring System
8	BPM measuring device using Arduino
9	Smart Notice Board based on IoT
10	Versatile Supplier
11	Hand free Faucet
12	Heart Attack detection by heart rate monitoring system
13	Fan speed control using temperature sensor
14	Home automation using IoT
15	Short Circuit detection system for e-vehicle
16	Generating electricity from burning waste
17	Water level monitoring with ultrasonic sensor
18	Biometric & passport system
19	Automatic Blackboard light
20	Basic Gates AND, OR, NOT kit

TY A Mega Projct List

Sr. no.	Project Name
1	Real Time Modeling For All Time One Ration One Ration Dispenser System
2	Smart Room Assistant
3	Revolutionizing Auscultation: Introducing Digital Cardioscope For Enhanced Diagnostic Capabilities
4	Driverless Autonomous Car Parking System
5	License Plate Recognition With Toll Collection
6	Industrial Fault Detection System
7	Driver Monitoring System
8	Smart Virtual Doctor Consultation Robot

9	A Comprehensive Approach To Non-Invasive Health Monitoring System
10	Hit & Run Resolution And Proactive Accident Alert System
11	Smart Home Auto Motion Using Node Mcu With Google Assistance
12	Solar Based Fertilizer Manufacturing Machine Using Kitchen Waste
13	Design And Implement Novel Fighter System Using Lora For Reliable And Scalable Iot Architecture
14	Drone For Security And Surveillance
15	Lidar Micro Drone With Proximity
16	Iot Based Air Purifier Robot

TY B Mega Projct List

Sr. No	**Name Of Project**
1	'Varad' Catering: Web Experience
2	Ai-Powered Agricultural Guardian From Birds And Animals
3	Mobility Minds: Unleashing Potential With Ai-Empowered Mobility Standards For Cerebral Palsy, Amyotrophic Lateral Sclerosis, And Paralysis Patients
4	Car Safety System With Airbag Notification
5	Face Recognition Door Lock System
6	Depression Detection Using Cnn & Nlp
7	Beyond The Roll Call: Smart Strategy For Attendance
8	Eco-Tech Solar Station Using Lorawan
9	Human Foot Temperature Monitoring System
10	Smart Product Storage And Retrieval System Using Artificial Intelligence (Vertistore: Vertical Carousel For Warehouse Efficiency Using Iot)
11	Waste To Watts: A Hybrid Solution
12	Iot Based Sign To Speech Converter System
13	E.V. Charging Station And Energy Generation Using Vertical Axial Wind Turbine
14	Smart Agriculture Management
15	Auto Chair Parking System
16	Iot Based Traffic Speed Control System With Parental Lock

Faculty of Department

Sr.No.	**Name of Faculty**	**Experience**	**Area of Specialization**
1	Dr. Pravin Kumar S. Patil(HOD)	26.5	Wireless communication,

			signal processing for communication
2	Dr. Sachin Surendra Gurav	10.5	Video Surveillance
3	Ms.Madhuri B Mulik	17	VLSI And Embedded
4	Mr. Kupade K. A.(Dean, IIPC)	13.5 (Teaching), 9.5(Industry)	VLSI System Design
5	Mr. Diwakar M Tayagar	11.5	VLSI System Design, Embedded System
6	Ms. Sharda Y Salunkhe(Program Coordinator)	16	Image processing
7	Ms. Priya D. Ghate (Dean, FDP)	14	Communication
8	Ms. MadhuriS. Mali (Academic Coordinator)	12 (Teaching), 0.5(Industry)	Image Processing
9	Mr. VaibhavV.Khandare	15	Image Processing
10	Mrs. Shital R. Ghorpade	17	Image Processing
11	Mr. Manoj M. Babar	13 (Teaching), 1.5(Industry)	Embedded System
12	Mrs.Dhanashri M Biradar	10.5 (Teaching), 0.5(Industry)	Embedded System
13	Ms. Halunde Swati S.	12	Image Processing, Wireless Communication
14	Mr. U. J. Maisale	12 (Teaching), 0.5(Industry)	Communication
15	Ms. B. K. Jagtap	6.5	Communication

Supporting Staff: -

1. Mr.A.S.Patil (B.E.Electronics)
2. Mr.Rahul Joshi (BTech Electronics)

Peon

Mr. Maruti Kamble