



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

SHARAD INSTITUTE OF TECHNOLOGY COLLEGE OF ENGINEERING

Yadav (Ichalkaranji)

AN AUTONOMOUS INSTITUTE

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

eTC
Messenger



Department of Electronics
and Computer Engineering

Newsletter 2022-23
Volume #15

CHAIRMAN



Hon'ble Dr. Rajendra Patil (Yadravkar)

EXECUTIVE DIRECTOR



Hon'ble Mr. Anil Bagane

PRINCIPAL



Dr. Sanjay A. Khol

eTC
Messenger

From HOD Desk



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 Fourteen 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 course work 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's Desk..



Ms. S. Y. Salunkhe
Editor

Dear reader

It is a great pleasure to introduce to you the 14th issue of the E & C department newsletters 'etc messengers'; we were overwhelmed by the response from the co-coordinators, head 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 Student Editor's Desk

Dear readers,

It gives us immense pleasure to become student editor of this etc-messenger. We are thankful to find us capable of this work.

Our Electronics and Computer Engineering Department has always been successfully competing with all the challenges.

Students Co-ordinators



Mr. Dhanesh Pareek
(T.Y. B E&TC)



Mr. Sahil Tashildar
(T.Y. B E&TC)

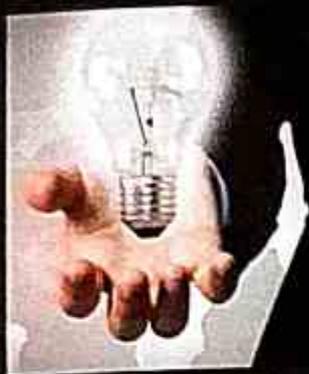
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Department Of Electronics and Computer Engineering

Newsletter 2022-23
Volume #15

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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.

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.



QUALITY POLICY

Department of Electronics and Computer Engineering is committed to establish quality system to produce socially responsible E&TC Professionals through creative collaboration, innovation & research.

Program Educational Objectives (PEOs)

Graduates of the programme will

PE01:

To develop the ability to demonstrate technical competency with in depth knowledge of mathematics, science and Electronics and Telecommunication Engineering for providing optimal solutions.

PE02:

To prepare graduates by imparting problem solving, software and firmware skills of core discipline to work in multi-disciplinary environment.

PE03:

To build professional ethics, sensitivity towards society, environment and life-long learning attitude with leadership qualities.

GOALS

- To imbibe moral and ethical values in students with concern to society and environment.
- To meet current industry demand for professionals.
- To provide employment & advance education opportunities in emerging areas.
- To build & promote teams of experts in the upcoming specializations.
- To keep faculty members updated with latest development in technology & teaching methodologies.
- To start PG courses in engineering for different branches.



FACULTY DEVELOPMENT PROGRAMME

Our Department Arranged Faculty Development Programme on Faculty Development Program On "Effective Research Paper and Proposal Writing".

Key Speakers :

- Dr. Rakhee Kallimani** (Assistant Professor, Department of EEE) KLE Technological University Dr. MSSCET, Belagavi.
- Dr. Santosh Pattar**. (Assistant Professor, Department of CSE) KLE Technological University Dr. MSSCET, Belagavi.
- Dr. Sridhar Iyer**. (Associate Professor, Department of ECE) KLE Technological University Dr. MSSCET, Belagavi.
- Dr. Dilip S. Aldar**. (Associate Professor, Department of Electronics) K.B.P. College of Engineering, Satara. Maharashtra, India.
- Dr. Maneesh Kokare**. (Professor and Dean Academics) S.G.G.S. Institute of Engineering and Technology, Nanded

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 goofunding proposaling.

Sr. No	Name of Workshop Organized	Date	Source of Filling	Target Audience
1	Faculty Development Program On "Effective Research Paper and Proposal Writing"	04 th January – 08 th January, 2023	E & C Dept., SITCOE	25

Executive Patron
Dr. Manish Patil
Assistant Professor (Department of CSE)
KLE Technological University Dr. MSSCET, Belagavi

Dr. Santosh Pattar
Assistant Professor (Department of CSE)
KLE Technological University Dr. MSSCET, Belagavi

Dr. Dilip S. Aldar
Associate Professor (Department of ECE)
K.B.P. College of Engineering, Satara, Maharashtra, India.

Dr. Maneesh Kokare
Professor and Dean Academics
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Assistant Professor (Department of EEE)
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Professor and Dean Academics
S.G.G.S. Institute of Engineering and Technology, Nanded



Satara Institute of Technology
College of Engineering

Faculty Development Program
On
"Effective Research Paper and Proposal Writing"

04th January - 08th January, 2023

Approved By
IEEE



Organized by
Department of Electronics & Computer Engineering
SITCOE

About the Faculty:
The Faculty Development Program is a program that is organized to help faculty members to improve their research and teaching skills. The program is organized by the Department of Electronics & Computer Engineering, SITCOE. The program is organized for the faculty members of the Department of Electronics & Computer Engineering, SITCOE. The program is organized for the faculty members of the Department of Electronics & Computer Engineering, SITCOE.

Objectives of the Program:
The objectives of the program are to help faculty members to improve their research and teaching skills. The program is organized to help faculty members to improve their research and teaching skills. The program is organized to help faculty members to improve their research and teaching skills.

Program Content:
The program content includes the following topics: Effective Research Paper Writing, Effective Proposal Writing, Literature Search, Literature Review, Research Methodology, and Research Questions.

Program Duration:
The program duration is 5 days, from 04th January to 08th January, 2023.

Program Fee:
The program fee is Rs. 10,000 per participant.

Faculty Development Program
On
"Effective Research Paper and Proposal Writing"

04th January - 08th January, 2023

Approved By
IEEE

Organized by
Department of Electronics & Computer Engineering
SITCOE

Target Audience
25

FACULTY ACHIEVEMENT

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

1. NPTEL Certification

Sr.	Name of Faculty	Name Of Course	Certificate Type
1	Mr.K.A.Kupade	Elite	Elite Silver
2	Ms. S. S. Halunde	Joy of Computing	Successfully Completed



Elite
NPTEL Online Certification
(Funded by the Min. of Edu., Govt. of India)

This certificate is awarded to
KADGONDA ANNASAHEB KUPADE
 for successfully completing the course
Development Research Methods
 with a consolidated score of **75 %**

Online Assignments	25/25	Proctored Exam	49.5/75
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Total number of candidates certified in this course: 150

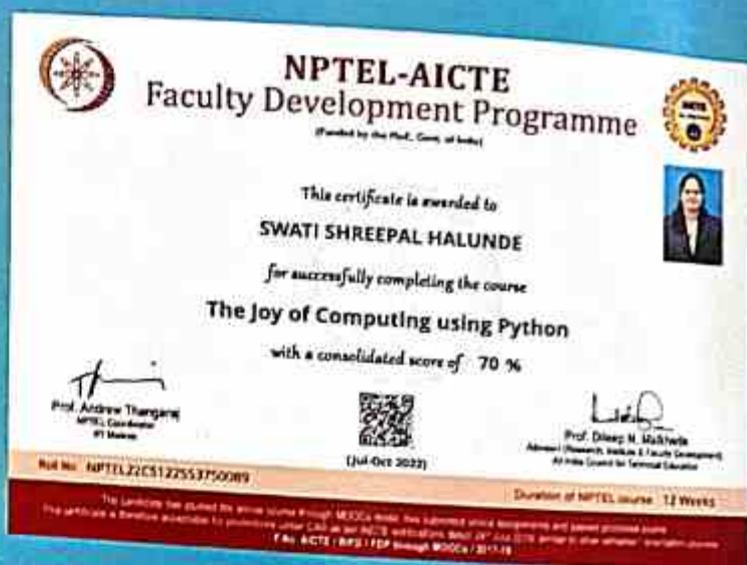
Aug-Oct 2022
(3 week duration)

Prof. T. R. Shrivastava
 Prof. T. R. Shrivastava
 Head, Centre for Technical Education
 NPTEL Executive Officer

swayam

Indian Institute of Technology Guwahati

For details, see the certificate 2 of 2



NPTEL-AICTE
Faculty Development Programme
(Funded by the Min. of Edu., Govt. of India)

This certificate is awarded to
SWATI SHREEPAL HALUNDE
 for successfully completing the course
The Joy of Computing using Python
 with a consolidated score of **70 %**

Prof. Anshu Thangaraj
 Prof. Anshu Thangaraj
 NPTEL, Coordinator
 IIT Madras

Prof. Deep N. Maheshwari
 Prof. Deep N. Maheshwari
 Advisor (Research, Industry & Faculty Development)
 AICTE Council for Technical Education

NPTEL22CS122553750089
(Jul-Oct 2022)

Duration of NPTEL course: 12 WEEKS

The candidate has earned the above course through MOOCs mode. This certificate is valid for 3 years. The certificate is available download to professors under CAS at all AICTE institutions. Visit <http://cas.aicte.org> for details. For more information, visit www.nptel.ac.in

Funded by AICTE / RPS / FDP through MOOCs / 2017-18

FACULTY ACHIEVEMENT

Paper Publication

Sr.	Name of Faculty	Name Of Paper	Publication Details
1	Ms. Madhuri Nagnath Sachane	Adaptive Spotted Hyena Optimizer-enabled Deep QNN for laryngeal cancer classification	Proceedings of the International Conference on Edge Computing and Applications (ICECAA 2022) DVD Part Number : CFP22BV8-DVD; ISBN: 978-1-6654-8231-8
2	Ms. Dhanashri Milind Biradar	Depth Estimation and Navigation Route Planning for Mobile Robots based on Stereo Camera..	Received Best paper Award in International Conference organized by Vishnu Institute of Technology, Bhimavaram, Andhra Pradesh



PROFESSIONAL SOCIETY ACTIVITIES ISTE ACTIVITY FOR ACADEMIC YEAR 2022-23

Sr. No	Name of Activity	Target Students	Achievement
1	Faculty Development program	For Faculty	19/07/22 to 23/07/22
2	Technical Event	S.Y. T.Y. and Btech Students	08/10/22
3	Expert Talk	S.Y. Students	26/09/22
4	Expert Talk	Btech Students	30/09/22
5	Expert Talk	T.Y. Students	04/10/22
6	Industrial Visit	Btech Students	15/11/22
7	Industrial Visit	S.Y. Students	02/12/22
8	Industrial Visit	Btech Students	09/12/22
9	Expert Talk	TY Students	24/01/23
10	Expert Talk	SY Students	25/01/23
11	Expert Talk	SY Students	25/02/23
12	Technical Event	All Students	01/04/23

IEEE STUDENT CHAPTER (ACTIVITY)

Short Video contest based on Women Personality of their region on the theme that "SHE: Share Her Experience". Organised by IEEE Women in Engineering Affinity group, Bombay Section. And in this contest SITCOE teams have bagged, Second and third prize by Ms. Vidya Ghatge (ECE), Ms. Akshata Patil (ECE) respectively



STUDENT ACHIEVEMENT IN TECHNICAL EVENT

Sr. No	Name Of Student	Name of Events to be Participated	Date/Durallon/Year	Place	Level	Achievement
1	Soniya J. Kumble	Paper Presentation	25/05/2022	SITCOE,Yadrav	National Level Technical Event	1st Rank
2	Mrunal S. Patil	Paper Presentation	25/05/2023	SITCOE,Yadrav	National Level Technical Event	1st Rank
3	Tanjeela S. Kudchikar	Project Competition	25/05/2023	SITCOE,Yadrav	National Level Technical Event	2nd Rank
4	Apeksha S. Huddar	Project Competition	25/05/2025	SITCOE,Yadrav	National Level Technical Event	2nd Rank
5	Soniya J. Kumble	Project Presentation Contest	24-25/04/2022	KIT's COE,Kolhapur	National Level Technical Event	1st Rank
6	Mrunal S. Patil	Project Presentation Contest	24-25/04/2022	KIT's COE,Kolhapur	National Level Technical Event	1st Rank
7	Apeksha S. Huddar	Project Presentation Contest	24-25/04/2022	KIT's COE,Kolhapur	National Level Technical Event	1st Rank
8	Vaishnavi S. Pareek	Project Competition	07-09/06/2022	Nanasaheb Mahadik College of Engineering, Peth	National Level Technical Event	1st Rank
9	Soniya J. Kumble	Project Competition	07-09/06/2022	Nanasaheb Mahadik College of Engineering, Peth	National Level Technical Event	1st Rank
10	Ankita H. Mali	Project Competition	25/05/2023	SITCOE,Yadrav	National Level Technical Event	2nd Rank
11	Snehal R. Thomake	Project Competition	25/05/2023	SITCOE,Yadrav	National Level Technical Event	2nd Rank
12	Aditi A. Chiparge	Quiz	9/4/2022	Vidyavardhini Institute of Technology, Pal	National Level Technical Event	Runner UP
13	Vrushali J.Chougule	Project Competition	18/06/2022	TKIT, Warananagar	National Level Technical Event	3rd Rank
14	Shubhashree P. Kumbhar	CodeTrix	25/05/2022	SITCOE,Yadrav	Organized by IEEE SB STB10109	3rd Rank
15	Snehal Dattawade	Exhibition of Best Out Waste	2/12/2021	SITCOE,Yadrav	Organized by IEEE SB STB10109	2nd Rank
16	Anuradha M. Ingavale	Project Competition	25/05/2023	SITCOE,Yadrav	National Level Technical Event	3rd Rank
17	Neha M. Dhanawade	Project Competition	18/06/2022	TKIT, Warananagar	National Level Technical Event	3rd Rank
18	Sofiya I. Tamboli	Project Competition	18/06/2022	TKIT, Warananagar	National Level Technical Event	3rd Rank
19	Shruti S.Hemgire	Paper Presentation	9/4/2022	Vidyavardhini Institute of Technology, Pal	National Level Technical Event	Runner UP

Electronics and Computer Engineering Association (ECEA)

Electronics & Computer Engineering Student's Association (ETESA) 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.

Impetus 2K22-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 and Karnataka state. event completed in one day.

Rankers (Aquamarine)		
Rank	Name	College name
1st	Pushkar P. Magdum	SITCOE, Yadrav
2nd	Abhishek A. Chougule	Jain College of Engineering, Belagavi
3rd	Sooraj R. Patil	SITCOE, Yadrav

Rankers (Paper Presentation)		
Rank	Name	College name
1st	Vaihshnavi B. Koli	SITCOE, Yadrav
2nd	Sandhya Patil	SITCOE, Yadrav
	Aman S. Patavegar	SITCOE, Yadrav
3rd	Shrishail S. Rugge	SITCOE Polytechnic



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Civil Engineering

Rankers (Aquamarine)

1st: Pushkar P. Magdum (SITCOE, Yadrav)

2nd: Abhishek A. Chougule (Jain College of Engineering, Belagavi)

3rd: Sooraj R. Patil (SITCOE, Yadrav)



IMPETUS 2k22

A National Level Technical Event...
In Association With ISTE South Cluster

8th October, 2022

Mechanical Engineering

Rankers (Paper Presentation)

1st: Vaihshnavi B. Koli (SITCOE, Yadrav)

2nd: Sandhya Patil (SITCOE, Yadrav)

2nd: Aman S. Patavegar (SITCOE, Yadrav)

3rd: Shrishail S. Rugge (SITCOE Polytechnic)

Electronics and Computer Engineering

Rankers (Aquamarine)

1st: Pushkar P. Magdum (SITCOE, Yadrav)

2nd: Abhishek A. Chougule (Jain College of Engineering, Belagavi)

3rd: Sooraj R. Patil (SITCOE, Yadrav)

Computer Science and Engineering Artificial Intelligence & Data Science

Rankers (Aquamarine)

1st: Pushkar P. Magdum (SITCOE, Yadrav)

2nd: Abhishek A. Chougule (Jain College of Engineering, Belagavi)

3rd: Sooraj R. Patil (SITCOE, Yadrav)

Electrical Engineering

Rankers (Aquamarine)

1st: Pushkar P. Magdum (SITCOE, Yadrav)

2nd: Abhishek A. Chougule (Jain College of Engineering, Belagavi)

3rd: Sooraj R. Patil (SITCOE, Yadrav)

Mechatronics and Automotive & Robotics Engineering

Rankers (Paper Presentation)

1st: Vaihshnavi B. Koli (SITCOE, Yadrav)

2nd: Sandhya Patil (SITCOE, Yadrav)

2nd: Aman S. Patavegar (SITCOE, Yadrav)

3rd: Shrishail S. Rugge (SITCOE Polytechnic)

Prizes Worth More than Rs. 2,00,000/-

Send the abstract of paper to : Impetus2k22@sitcoe.org.in

ENTRY FEE Rs.100/-
Per head for all events

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Ph (02322)-252796 ☎ www.sitcoe.org.in ✉ contact@sitcoe.org.in

Mrs. Sharada Salunke
Event Convener

Dr. Sanjay A. Khot
Principal

Hon. Shri. Anil A. Bagane
Executive Director

Hon. Shri. Rajendra S. Patil (Yadavkar)
Chairman

Engineering Department 10

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-2022-23, SEM I)

Sr.No	Name	Class	Conduction Date	Address	Total Student
1	Swabhimani Dhudh Sangh	TY	25/08/2022	Udagaon ,Shirol	100
2	Sharada Electronics	TY	07/09/2022	Kupwad MIDC	75
3	Domain Computer	SY	21/09/2022	Vishrambhag Sangli	85
4	Innovista Auto automation	B. Tech	15/11/2022	Shirol MIDC	78
5	SNR Electronics	SY	29/11/2022	Kupwad MIDC	90
6	Siddham Innovation Cell	B. Tech	09/12/2022	Kolhapur	70



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.

Sr No	Topic of guest/Expert Talk	Target Audience	Date/week of Conduction
1	"Roadmap to become Data Scientist"	TY	27/08/2022
2	Career Guidance	TY	9-10-2022
3	Hydrogen fuel & its application for Evs & Opportunities in Industrial Process Automation.	Btech	21/09/2022
4	Scope for Innovation , Internship and Entrepreneurship"	SY	24/09/2022
5	Current Trends in Electronics & Automation	SY	27/9/2022
6	Smart Agri Based Automation	B.tech	30/09/2022
7	LAN Implementation	B.tech	10-4-2022
8	"How to get Government Jobs as per Student's Education Level"	SY, TY & B.Tech	03/10/2022 to 6/10/2022
9	Advanced Microcontroller using MSP430	TY	12-11-22
10	Career Guidance	SY	14-11-2022
11	Career Guidance	B.tech	5-12-2022
12	Career Guidance	B.tech	5-12-2022
13	Role of IEEE in Engineering Education	SY	17-12-2022
14	Career Guidance	SY	17-12-2022
	Personality Development	TY	14-01-2023

VALUE ADDITION PROGRAM

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

Sr. No	Title	Date	Duration	Resource person
1	"IOT with Cloud Computing"	25.11.2022-03.12.2022	1 week	Mr. Jayvardhan Bhosale Techno plus Logic Group



INNOVATION CENTRE

1. CENTER 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 Center of 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.

2. TEXAS INSTRUMENT LAB

Exposure to state of the art technology through hands-on learning experience by using Microcontrollers such as MSP430 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 to 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-Ichalkaranji Is striving hard to give a lot of project-based and industry-based training to students by arranging different workshops and training for students.

Sr. No	Name of Activity	Name of Resource Person	Date	No. of Participants
1	Workshop on "Advanced Microcontroller Using MSP430"		12/4/22 to 13/4/22	25

3. PCB DESIGN AND WIRELESS SENSOR NETWORK

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

Sr. No	Name of Activity	Class	Sr. No
1	One day work Shop on PCB Fabrication Process	SY (E&TC) Diploma	09/11/2022
2	One day work Shop on PCB Fabrication Process	FY (A&R) Diploma	22/02/2023
3	One day work Shop on PCB Fabrication Process	FY (MTRX) Diploma	01/03/2023
4	One day work Shop on PCB Fabrication Process	FY (A&R) Diploma	01/03/2023
5	One day work Shop on PCB Fabrication Process	FY (A&R) Diploma	02/03/2023

4. E-Yantra Lab

OBJECTIVE

The objective is to provide hands-on Learning to engineering students who have limited access to labs and mentors to create the next generation of (Embedded systems) engineers from college with a practical outlook to tackle challenging problems and provide solutions.

OUTCOME

- The student will be able to construct robotic concepts (gesture robotics, sensor guided robotics, spy robotics, etc
- The student will be able to examine the different behavior of robotics.

Activities report of LAB

- Aquamarine event was conducted In National Level Technical Event IMPETUS 2K22
- Robot prepared by students
- Conducted line following workshop for team members
- Conducted IOT based Robot workshop for team members.
- Conducted 3 days robotics workshop Boot camp for FY student

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 gain knowledge 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 Mini Projects
1	SY A	19
2	SY B	23
1	TY A	18
2	TY B	18

SY A

Sr. No	Name of Project
1	Low Power Inverter
2	Traffic Signal Using IC 555
3	Wireless Doorbell
4	RF-Controlled Home Application
5	LED Charger
6	Mini Inverter and Its Component
7	Audio Amplifier Using IC 555
8	Touch on-off Switch Circuit
9	Biometric Door lock System
10	Distance Measurement By Ultrasonic Sensor
11	Clap Switch
12	Metal Detector
13	Non-Contact Voltage Tester
14	Electricity Generated from Plastic and Waste
15	Automatic Water level controller for Submersible and overload tank
16	Touchless Switch Using Fliflop
17	Fire Fighting Robot

TY A

Sr. No	Name of Project
1	Face Recognition
2	Vehicle Accident Alert System
3	Temperature Control Fan using IC-741
4	Patient Health Check using Wireless Health Monitoring
5	Health Monitoring System using IOT
6	Rain Water Protection
7	Blackboard Cleaner
8	Weather Delection System
9	Street Light that Glows on Detecting Vehicle Movement
10	Self Balancing Robot
11	Criminal Face Detection using Java
12	Power-Based Circuit Breaker
13	Sun Tracking Solar Panel using Arduino
14	Manhole Detection and Monitoring using IOT
15	Solar Panel Sun Tracker Mobile Charger
16	Hand Gesture Controlled vehicle
17	Student Management System
18	Smart Baggage Tracker using IOT

SY B

Sr. No	Name of Project
1	Wireless mobile charger
2	Temperature-Based Fan Speed Controller
3	Water level monitoring using ultrasonic sensors with cloud computing.
4	automatic car parking system using Arduino
5	Rotating solar panels using Arduino
6	Automatic Irrigation System Using IOT
7	blind stick
8	Mist Maker Device (using IC-555NE)
9	Oscilloscope Using Raspberry Pi (Pico)
10	GAS Detector Machine
11	train Accident prevention
12	FM RADIO CIRCUIT
13	light or fan control using remote
14	Water Level Indicator
15	digital notice board using Bluetooth
16	Radar System using Arduino Uno
17	Cell Phone Jammer
18	Solar Power Battery Charging with reverse current protection
19	Prevention of train accidents by IOS method
20	Simple Door Alarm Security

TY B

Sr. No	Name of Project
1	Smart Floor Cleaning Robot using IOT
2	Reduction of Noise Pollution in Traffic Signals by using Arduino
3	IoT-Based Bus Pass Tracking System
4	IoT-Based Health Monitoring System
5	Bluetooth Controlled Data Logger Robot for Soil Testing
6	IoT-Based Smart Medical Box
7	Payment Form using Python
8	IoT-based Electrical Meter Reading System
9	IoT-Based Garage Door Operation
10	Micro Spy BOT
11	Smart Street Light System
12	LiFi-Based Industrial Automation System
13	Radar System using Arduino
14	Voice-Controlled Desktop System
15	Smart Energy Grid using IOT
16	Night Patrol Robot
17	RGB-Based Notice Board
18	Line Following Robot for Industrial Applications
19	Hospital Management System
20	Home Automation

PLACEMENT DETAILS

Sr. No	Name of Student	Total (Company wise)	Company Name	Package (LPA)
1	Rutuja Anil Kamble	2	TCS	3.36
2	Janmenjay Vijay Desai			
3	Aditi Chiparge	6	Cyber success (Software Testing)	2.5 -4.5 LPA
4	Prajakta Katkar			
5	Supriya Dhumle			
6	Mayuri Kamble			
7	Shubhada Patil			
8	Tasmiya Shaikh			
9	Shardha Gaykwad	4	Cyber success (Java developer)	2.5 -4.5 LPA
10	Abhilash Mule			
11	Amruta Patil			
12	Shreya Terdale			
13	Smruti Rakesh Mali	8	Q Spider	Internship
14	Sakshi Sachin Sawant			
15	Aniket Terdale			
16	Om Satish Hattarki			
17	Aaftab Zakirhusain Momin			
18	Shreya Deshbhushan Terdale			
19	Dipali Appaso Patil			
20	Shreyas Vijay mali			
21	Abhilash Mule	1	Tap Academy	Internship

FACULTY OF DEPARTMENT

Sr.No	NAME OF FACULTY	EXPERIENCE	AREA OF SPECIALIZATION
1	Mrs. Supriya P. Kurlekar (Vice Principal)	23.5	VLSI
2	Mr. Kupade K. A. (Dean, IIPC)	12.5 (Teaching), 9.5(Industry)	VLSI System Design
3	Ms. Priya D. Ghate (Dean, FDP)	12.5	Communication
4	Dr. Pravin Kumar S. Patil (HOD)	25	Wireless communication, signal processing
5	Dr. S. T. Jadhav	20	Networking & Image Processing
6	Dr. Govind Singh Patel	19 (Teaching), 2 (Industry)	VLSI and Signal Processing
7	Mrs. Dhanashri M Biradar (Program Coordinator)	9	Embedded System
8	Dr.Amit Chichwade (Academic Coordinator)	10.5	Wireless communication
9	Ms. Sharda Y Salunkhe	13.5	Image processing
10	Mrs. Shital R. Ghorpade	15.5	Image Processing
11	Ms. Kalpana N Rode	17.5	communication
12	Ms.Madhuri B Mulik	15.5	VLSI And Embedded
13	Mr. Vaibhav V.Khandare	15.5	Image Processing
14	Mr.Mohan A. Chimanna	13.5(Teaching), 2(Industry)	Antenna and Microwave Engineering
15	Mr. Manoj M. Babar	13.5	Embedded System
16	Dr. Sachin Surendra Gurav	11	Image and video
17	Ms. Madhuri N. Sachane	11	Image Processing
18	Mr. Diwakar M Tayagar	10.5	VLSI System Design, Embedded System
19	Ms. Halunde Swati S.	10	Image Processing, Wireless Communication
20	Mr. Ullas. Jayakumar Maisale	10	Measurement, Communication, and PLC
21	Dr.K.Ghosh	11	RF & Microwave

SUPPORTING STAFF

Mr. A. S. Patil (B. E. Electronics)	Mr.Rahul Joshi (B.Tech)
Mr. R. A. Sudhal (Dip. Electronics)	Ms.Pooja Khawate (B.E)
Mr. S. A. Jangate (Dip. Electronics)	Ms.Shubhangi Chogule (B.E.)
Peon	Mr. Amol M. Karande



OUR PROFESSIONAL SOCIETY



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

(Approved by AICTE, Govt. of Maharashtra and Affiliated to DBATU Lonere)

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