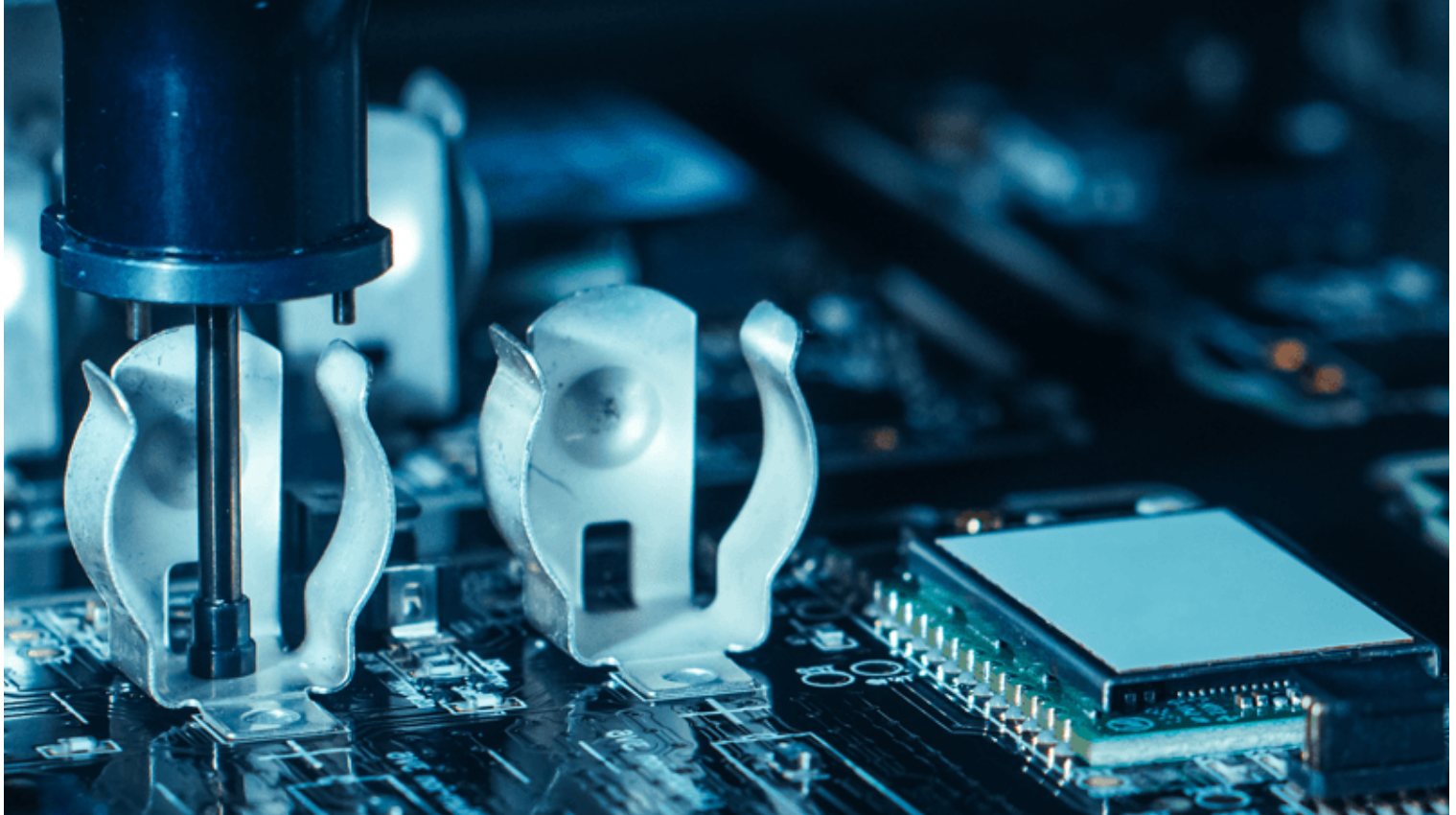


THE CONNECT

A NEWS LETTER FROM
DEPARTMENT OF ELECTRONICS AND
TELECOMMUNICATION
ASHOKRAO MANE POLYTECHNIC VATHAR
VOLUME 1, A.Y.2022-2023, ODD SEMESTER



VISION MISSION OF THE DEPARTMENT

To be recognized as a department offering technical education in the field of Electronics and Telecommunication Engineering for the betterment of society.

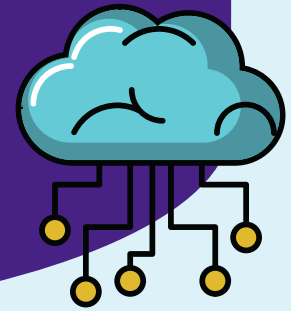
- Train the students for adopting the latest electronic and communication techniques.
- Empower students in technical aspects and pursuing higher studies.
- Provide professional competency.
- Imbibe the students with ethical values.

MESSAGE FROM HOD

It is great pleasure for me to know that the electronics and communication engineering department of the institute launched its newsletter “**THE CONNECT**” to explore the activities of the department. I do hope this will cultivate and inspire all the student and education lovers curious about the activities of the department.

Mrs.S.F.Amin
HOD

THE CONNECT



KEY POINTS OF THE DEPARTMENT

- 100% Placement of final year students
- Excellent Result of final year students
- Well-developed Laboratories In-plant Training and Industrial
- Training Provided for all Students Expert lectures



EDITOR'S DESK

It is indeed a great honor to be the news letter editor for our Electronics and Telecommunication department Ashokrao Mane polytechnic. It is immense pleasure to launch this edition for October 2022. As we all know newsletter mirrors a department's vision and mission. It also highlights events, activities and academic prowess and achievements in this volume. I have tried to capture last 6 months excitements and activities. I do hope that the new letter encourages many more including students to use it as a platform to express their creativity. I sincerely hope that this edition makes for an interesting read.

Mrs.A.A.Kumbhar



HOD: Mrs.S.F.Amin
Editor: Mrs.A.A.Kumbhar

WORKSHOP ON INTRODUCTION TO

DRONE TECHNOLOGY



Kolhapur, Date 5th Nov 2022: As a part of our academic curriculum, the department of Electronics and technology engineering has arranged workshop on “Introduction to Drone Technology” in accordance with MSBTE criteria for industry 4.0 skill development at Ashokrao Mane Polytechnic, Vathar tarf Vadgoan, Kolhapur.

The workshop was held by Mr.P.Shinde and Mr burande O.M. lecturer at Ashokrao Mone Polytechnic Vathar, Kolhapur. It covered general overview of drone technology and their use provided by application in addition with demonstration of how to fly a drone.



The impact of this activity on students that they gained knowledge about drone technology, components and have performed practical, acquired skill to develop applications /projects and experiments along with demonstration of drone.

EXPERT LECTURES

Mobile and wireless communication



Kolhapur, Date 13th Sept. 2022: As a part of our academic curriculum the department of electronics and telecommunication engineering has arranged expert lecture on the topic "Mobile and Wireless Communication" at Ashokrao Mane Polytechnic Vathar tarf Vadgaon, Kolhapur. The Expert guest is from Department of Technology, Shivaji University Kolhapur Assistant Professor Mr U.A.Patil sir. The expert lecture arranged by Mr J.I. Tamboli for SY and TY (EJ) students. It covered basic concept of communication, wireless network, cellular telephone, PSTN, MSC, MS, BS, frequency reuse, UP link and Down link. The impact of this activity on student that they are able to understand basic concept of communication, wireless network and cellular structure.

Arduino Programming

Kolhapur, Date 19th Sept. 2022: As a part of our academic curriculum the department of electronics and telecommunication engineering arranged expert lecture on the topic "Arduino Programming" at Ashokrao Mane Polytechnic Vathar tarf Vadgaon, Kolhapur. The expert guest was Alumni 2019 batch Mr. Shakib Devalekar. The expert lecture arranged by Mrs.S.F.Amin for SY and TY (EJ) students. It covered introduction to embedded system and open source Arduino platform in programming language, I/P interfacing like LED, switch, buzzer, 7 segment display interfacing with Arduino, LCD display interfacing with Arduino, Bluetooth interfacing.



The impact of this activity on students that they are able to understand the concept of embedded system and learn programming language with Arduino using interfaces like LED, buzzer, Bluetooth and control stepper motor

EXPERT LECTURES

Recent Trends in PLC



Kolhapur, Date 14th Oct 2022: As a part of our academic curriculum the department of electronics and telecommunication engineering arranged expert lecture on the topic "Recent Trends in PLC" at Ashokrao Mane Polytechnic Vathar tarf Vadgaon, Kolhapur. The expert guest was from Ghatage Engg. Automation Kolhapur Ex. Director Mr. Ranjeet V. Ghatage. The expert lecture arranged by Mr.S.B.Pharne for Ty (EJ) students. It covered basic concept of PLC, PLC architecture and different components in PLC, PLC I/P module and O/P module, PLC ladder diagram program, ladder program instruction and timer and counter. The impact of this activity on students that they are able to understand meaning of automation, different types of industrial automation as well as concept of PLC, its advantages, timer and counter in ladder diagram program.

Recent Trends in Electronics

Kolhapur, Date 6th March 2023: As a part of our academic curriculum, the department of Electronics and technology engineering arranged expert lecture on the topic "Recent Trends in Electronics" at Ashokrao Mane Polytechnic Vathar tarf Vadgaon, Kolhapur. The expert guest is Mr.P.B.Mattikalli from. The expert lecture arranged by Mr.S.B.Pharne for TY(EJ) student. It covered selection of project, 5G technology and industry 4.0 revolutions, internet of things, artificial intelligence.



The impact of this activity on students that they are able to understand project selection criteria based on application, project process flow and also advanced technology in electronics and research and development in electronics and telecommunication field, opportunities in technical areas with authenticated explanations.

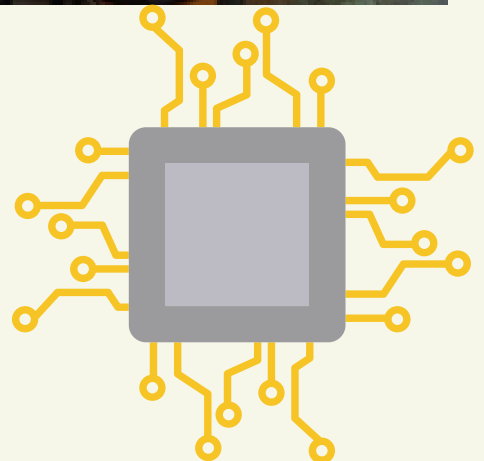
EXPERT LECTURES

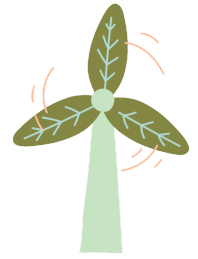
Digital Techniques



Kolhapur, Date 2nd Dec. 2023: As a part of our academic curriculum, the department of Electronics and technology engineering arranged expert lecture on the topic "Digital Techniques" at Ashokrao Mane Polytechnic Vathar tarf Vadgaon, Kolhapur. The expert guest was Dr.Prof.S.T.Jadhav (Ph.D., M.Tech. Electronics). The expert lecture arranged by Mr.S.B.Pharne for SY (EJ) student.

It covered logic gates, encoder, decoder, multiplexer, demultiplexer, combinational logic gate, sequential logic gate. The impact of this activity on students that they are able to understand logic family and get knowledge of various types of gates, combinational and sequential logic and memory logic.





INDUSTRIAL VISIT

Kolhapur, Date 19th November 2022: As a part of our academic curriculum, the department of electronics and telecommunication engineering has arranged industrial visit at wind farm of "Suzlon Energy LTD. (Suzlon knowledge centre) chalkewadi situated near satara. This visit was organized for second and third year student. The company is dedicated for green energy production by using wind turbines. Company engineers explain all the technical detail right from construction, principle, types, and side selection etc of WES.



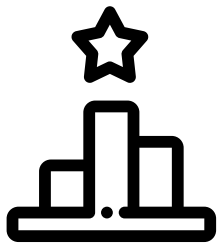
Also students were shown on controlling panels of wind turbine, types of cable types of blades, role of aerodynamics in blades shape design, component of wind turbine etc points were also deeply explain to students. The impact of this activity on students that they were exposed to the SCADA system for remote monitoring of the wind energy system that plays a crucial role in preventive maintenance as well as emergency conditions on-site.

Student achievement



Our Toppers

Third Year



RANK	STUDENT NAME	%
1st	Kamble vaishanvi	86.32%
2nd	Madane Shreya	83.37%
3rd	Telvekar Rajashri	83.16%

Second Year

RANK	STUDENT NAME	%
1st	Dange Prasad	84.35 %
2nd	Gawade Vishaka	80.59 %
3rd	Dhokle Sanika	80.12%



Student achievement

Campus Placement 2022-23

Students have been placed in campus placement for MNCs like Cummins India, Yazaki India Pvt. Ltd., KSPG Automotive India Private Limited and John Deere.

Most of the students got placed in multiple companies that show how powerful our Training and placement department is. Some of students has chosen higher education as their choice.

Sr. No.	Name of Student	Company Name
1	Satej Chavan	KSPG Automotive India Private Limited
2	Shreya Madane	
3	Somesh More	
4	Aditya Swami	
5	Faijan Maner	Cummins India Pvt. Ltd.
6.	Shreya Madane	John Deer
7.	Kalyani Patil	
8.	Sanika Ghail	
9.	Rajeshri Telvekar	