



Pdea's
Mamasaheb Mohol College
Paud Road, Pune-38

Annual Report 2024-25

Department of Electronics

- **Diagnostic test**

Objective- To assess learning level of students

Practice- The Electronics department conducted online diagnostic test for F.Y.B.Sc.C.S. and S.Y.B.Sc.C.S. during 08/08/2024 Number of participants: $90 + 80 = 170$

Outcome- Teacher could devise teaching methodology.

- **Remedial coaching**

Objectives: To teach as per student requirement. To inculcate foundation for electronics subject.

Practice: The subject area where students lag is found with diagnostic test and class discussion.

The essential basic concepts were taught. The remedial coaching was organized during 12/12/2024 to 16/12/2024. Total 27 students participated the coaching.

Outcome: The foundation for electronics subject was developed.

- **Science Exhibition: Power point Presentation**

Objective: to build stage daring and confidence

Practice: The students of SYBSc. Presented power presentation on recent trends in electronics

Based on Arduino was conducted on 28/02/25. No of students participated were 5.

Outcome: students were able to build confidence and tackle new challenges

- **Hobby Project:**

Objectives: Learning by doing.

Practice: The students of F.Y.B.Sc. Computer science constructed various hobby projects. The activity was conducted on 28/02/2025. Thirty students participated the activity.

Outcome: Students were able to construct the new circuit.

- **Technical Survey:**

Objective: To develop scientific approach and social consciousness among students through societal survey

Practice: The students were motivated and trained to conduct the online societal survey on various topics related to social issues.

The students of FYBSc CS conducted technical survey on home appliances in Electronics Industry including Home, hospital, Automobile etc. during semester 1.

Outcome: The students were made aware of scientific methods and thinking.

• Science Exhibition: Electro Genius: An Electronic Project Exhibition

Objectives: Learning by doing.

Practice: The students of S.Y.B.Sc. Computer science constructed various projects based on Arduino Uno. The activity was conducted on 28/02/2025. Thirty two students participated in the Exhibition.

Outcome: Students were able to enhance their creativity and confidence and encourages to think Out of box and build unique solutions.

Achievements:

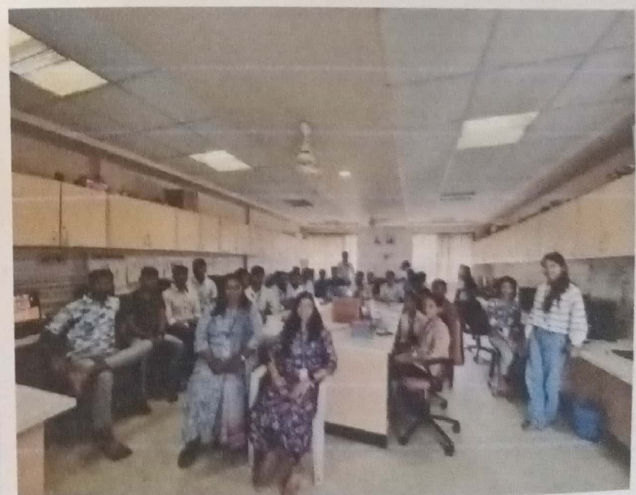
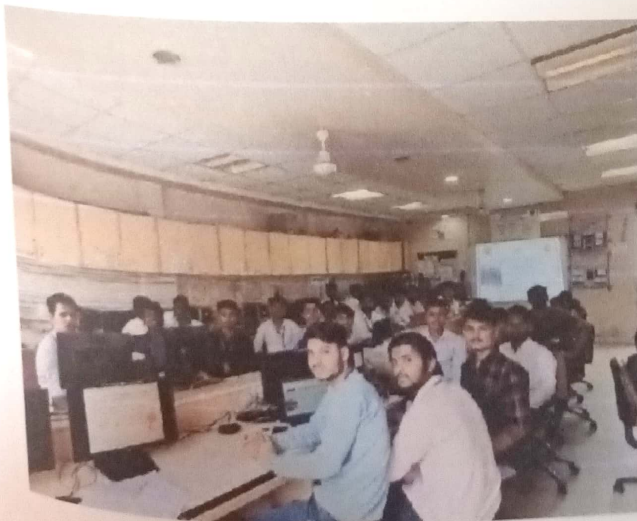
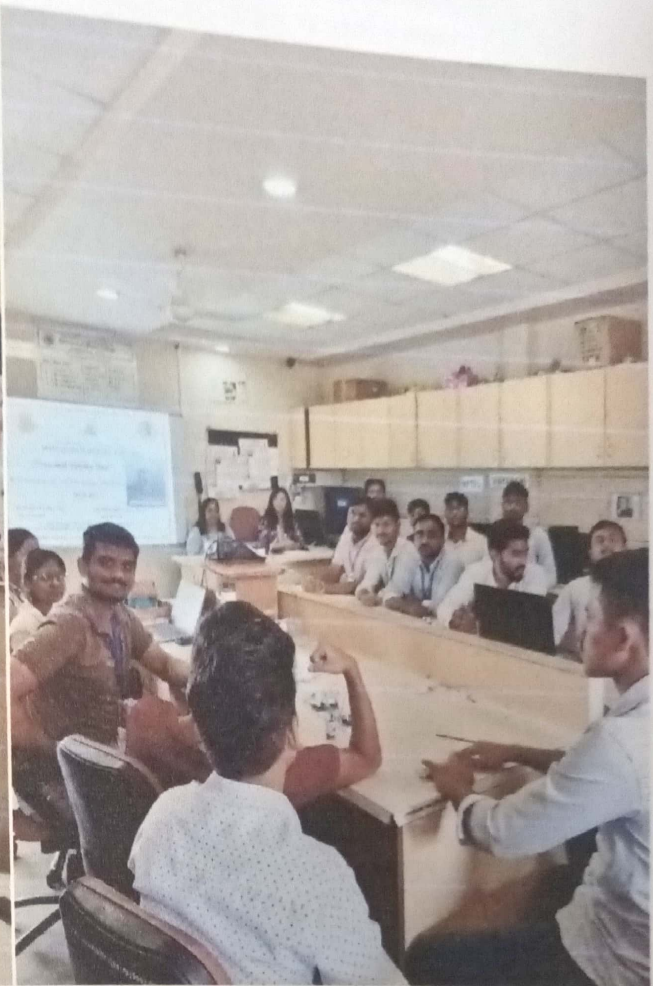
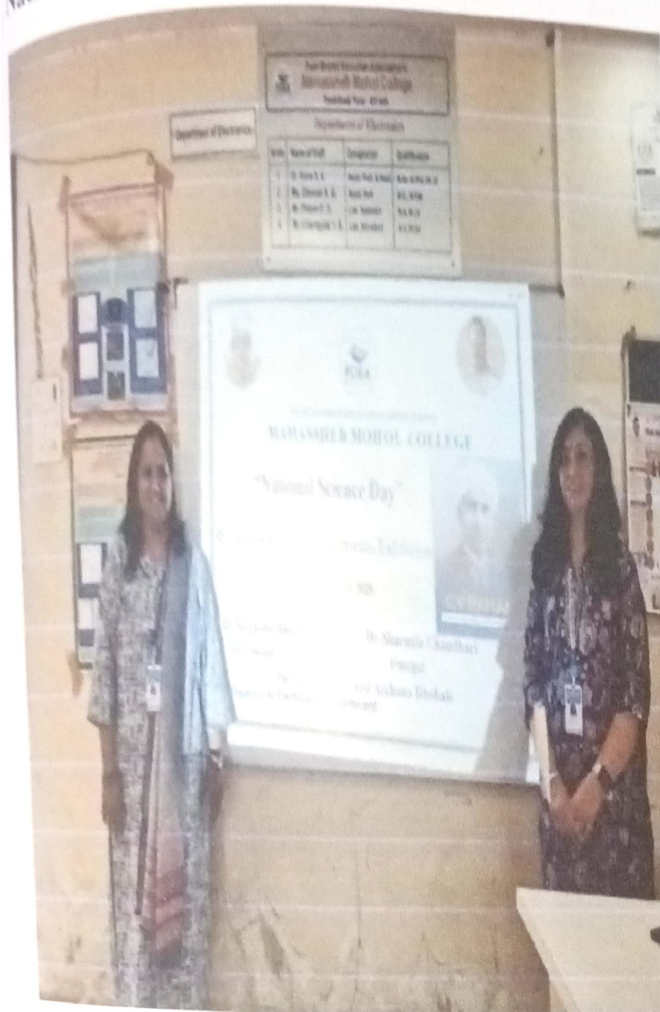
1) Power point Presentation Competition on 28/02/2025

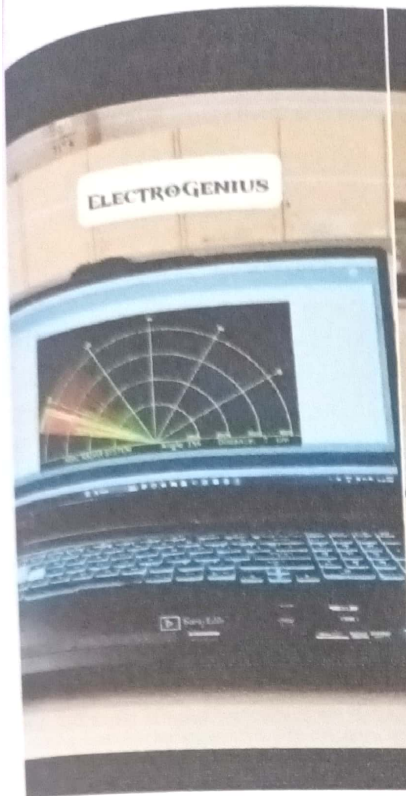
prizes	Name of student	Class	Topic
1 st	Roshni Gupta	S.Y.BSc.	Short Range Communication Systems
2 nd	Radha Gadshila	S.Y.BSc.	Arduino Future of Electronics
3 rd	Satyam Chole	S.Y.BSc.	Artificial Intelligence in Electronics

2) Electronics Project competition on 28/02/25

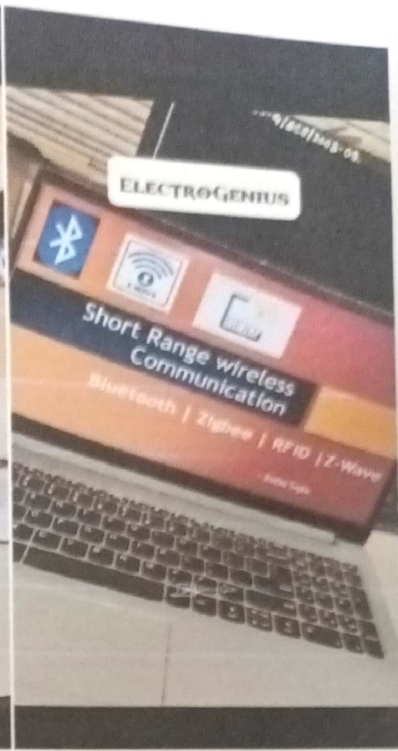
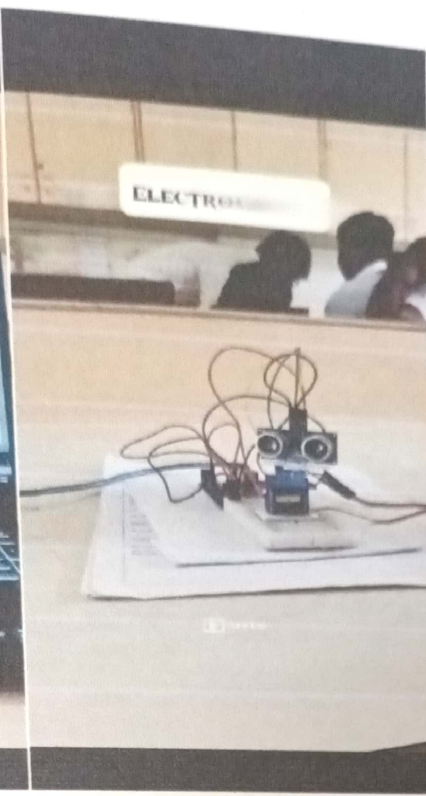
Prizes	Names of student	Class	Project Name
1 st	1. Avinash Satish Musale 2. Pravin Anil Jadhav 3. Amey Chandrakant Phadtare 4. Prasad Vikas lawale	S.Y.BSc.	Bluetooth controlled bulb and Devices
2 nd	1. Nikhil Hiwale 2. Kishor P. Gawade 3. Mayur S Indalkar 4. Arjun Devkule	S.Y.BSc.	Automatic Dustbin using Arduino Uno
3 rd	1. Pranav Bhalerao 2. Suyash Bhakare		RFID Attendance System
Consolation prize	1. Priyanka pal 2. Surekha Mannade	S.Y.BSc.	Laser Security System

National Science Day Project Exhibition

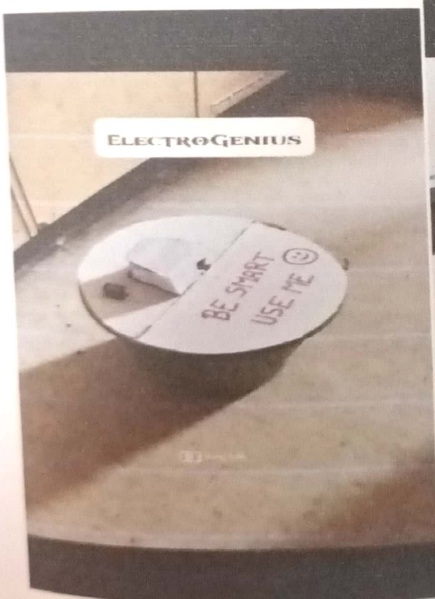




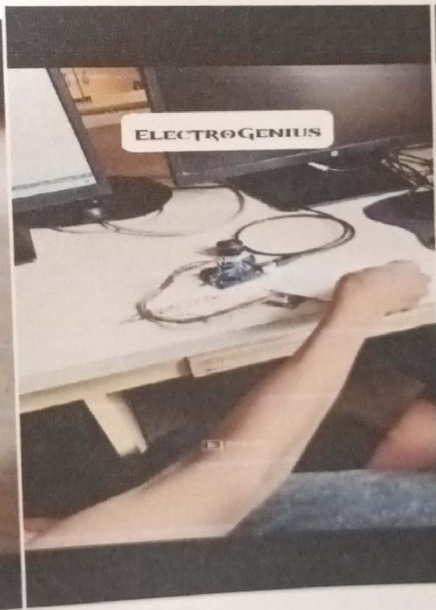
Radar System



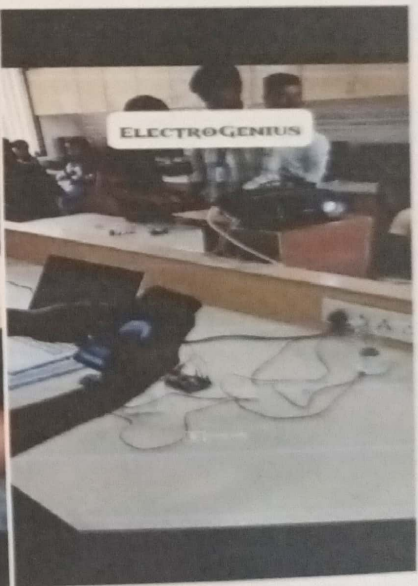
Short range Wireless Comm.



Automatic Dustbin

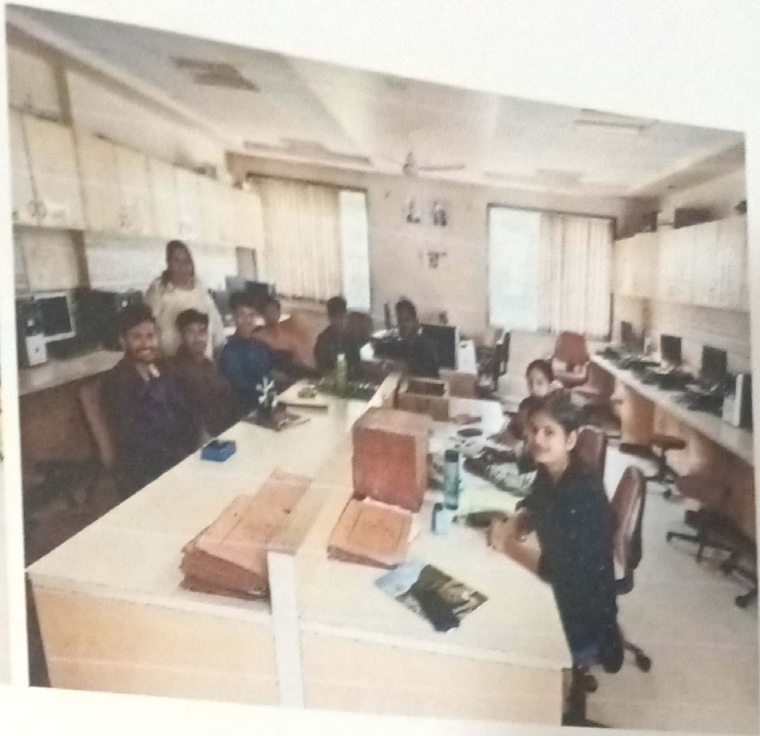
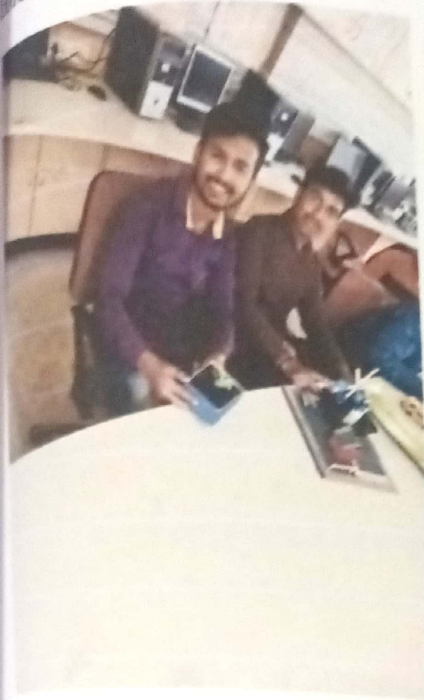


RFID Attendance



Bluetooth controlled bulb

Hobby Projects:



[Signature]

Dr. S.S Rane

Head Electronics Dept.

[Signature]
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