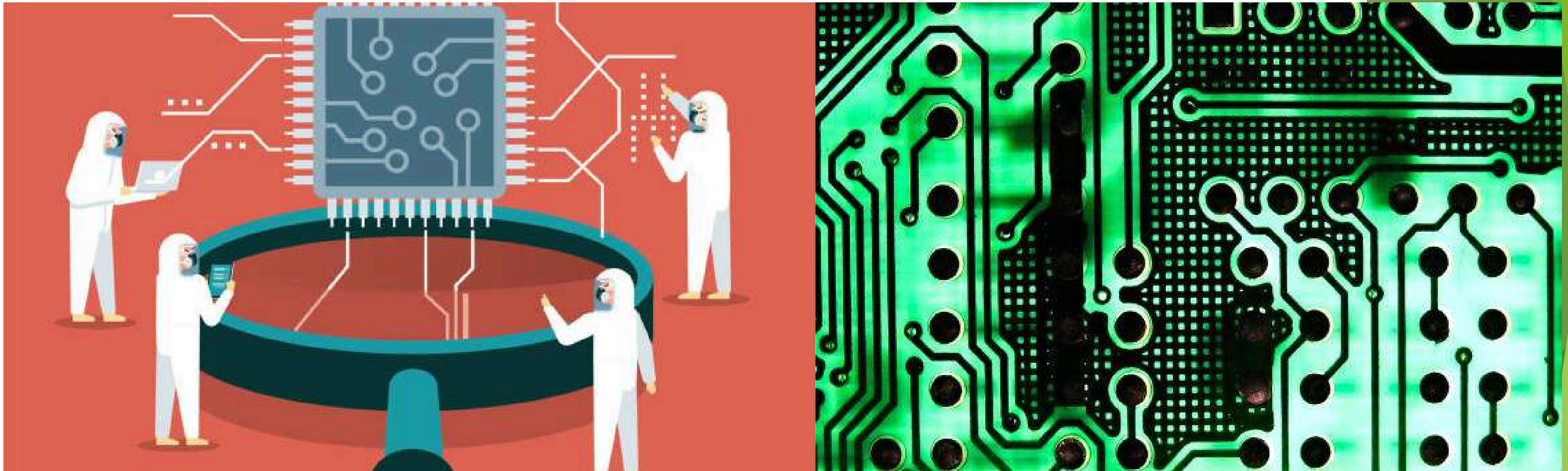




BINARYBYTE(2023-24)

Diploma

ELECTRONICS & COMMUNICATION ENGINEERING-HPP



Editorials Board:

- Sheetal Shinkhede
- Dr. Dharmishtha Vishwakarma

Departmental committee

- Mrs. Suprabha Kshatriya(faculty)
- Mrs. Ritu Shah(faculty)
- Paramar Queena (TYEC Student)
- Bhalani Saumya (SYEC Student)

Date: February 28th, 2024(Wednesday)

Time: 12:00 noon to 5:00 PM

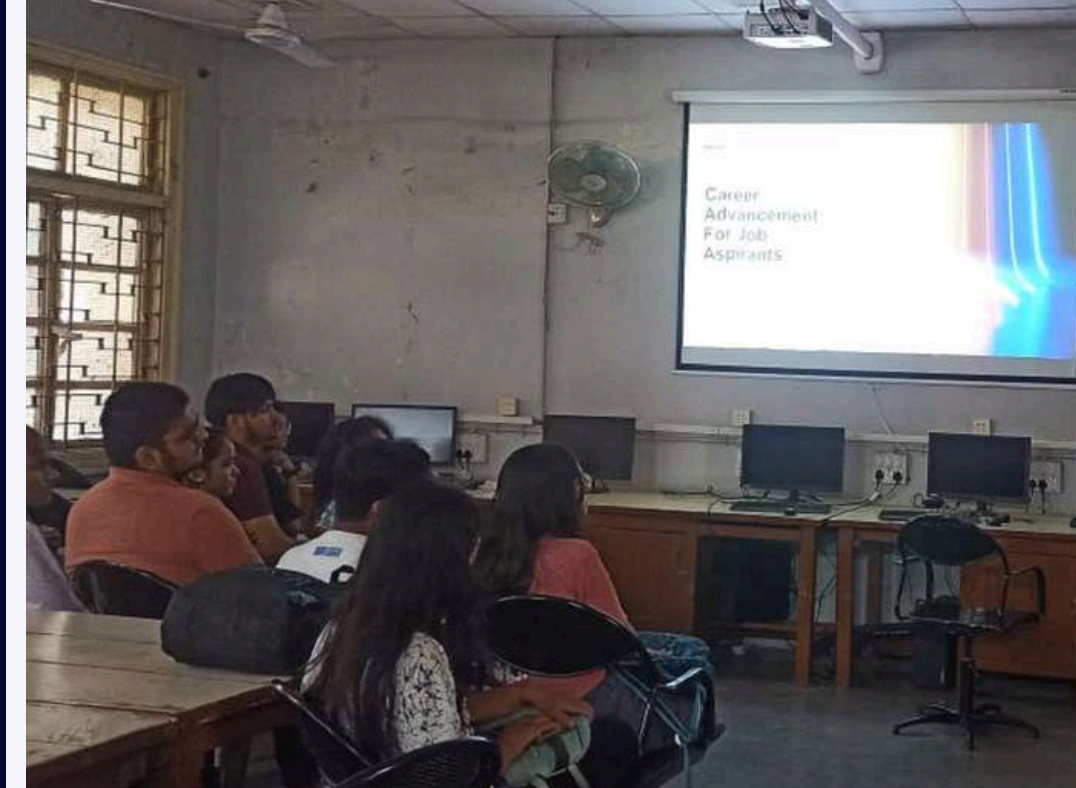
Resource person:

Mr. Sumit Chawla, Founder & CEO of
Ultron Technologies, Venom
Technologies.

Mr. Harsh Shah (PHP Developer at
venom Technologies).

Ms. Prachi Shah (PHP Developer at
venom Technologies).

Participants: Total of 59 students from
Second year Diploma Computer
Engineering and faculties from CE
department.



Miss Neetu shahu is former
student of polytechnic, MSU.
She has 13+ years of experience
in Hitachi Energy India Limited
and 1st Female Utility
maintenance engineer in ABB
Vadodara, Safety champion,
Senior Purchase Engineer, 1st
Production Cell leader in
Hitachi Maneja.

The program was aimed to
guide the students about
career opportunity after
diploma and how to face
an interview and benefits
of job after diploma
studies.

During this program, the speaker – Miss
Neetu shahu guided the students about
interview process and job opportunity
after diploma studies and she also
guided how to prepare for technical and
nontechnical round of interview



AWARENESS PROGRAM ON FIRE SAFETY AND PRECAUTIONS

Date : 5th March 2024

During this program, the speaker – Mr. Ashok Nakum guided the EC students and faculty members about fire safety issues that can help to create a safer and more secure living environment for all of us

Mr. Ashok Nakum is a proficient Lecturer in Mechanical Engineering Department of Polytechnic, The Maharaja Sayajirao University of Vadodara having 12+ years of rich experience



Learning Outcomes :

During this program, the speaker Mr. Ashok Nakum guided the EC students and faculty members on various fire safety issues that are essential for creating a safer and more secure living and working environment. We learned about the common causes of fire accidents, proper handling of electrical equipment, and the importance of fire prevention measures. The session increased our awareness about fire hazards and the necessary precautions that should be taken in daily life.

Moreover, the speaker explained the correct use of fire extinguishers and demonstrated emergency response procedures during fire incidents. Students were trained on how to react calmly and safely in case of a fire emergency and how to protect themselves and others. Overall, the program was highly informative and helped us understand the significance of fire safety in ensuring personal and public safety.

INDUSTRIAL VISIT

Date : 20 February 2024

An Industrial visit was organized for TYDEC students at Synchronics Electronics Pvt. Ltd. For students of maharaja Sayajirao university of Baroda, polytechnic. An extraordinary effort was given by students of EC Department. Our purpose was to share knowledge of industry process flow and to share the practical aspects to the students. Initially there was a presentation on the basic work process of Synchronics electronics then students were taken to each and every department of Synchronics like PCB designing, Soldering process, Digital Electronics repairing department, Analog Electronics repairing department, etc. So, the industrial visit thus gave the students an opportunity to see various process of Synchronics Electronics. Images of that visit is attached in this report for the reference.



IMAGES FROM THE VISIT



Learning Outcomes :

During the industrial visit to Synchronics Electronics Pvt. Ltd., students gained valuable knowledge about the real-time working environment of the electronics industry. We learned about the complete industry process flow starting from PCB designing to final product testing and repair. The presentation helped us understand how theoretical concepts studied in classrooms are applied practically in industries. Students were introduced to modern tools, safety practices, and quality control methods followed in the company, which enhanced our technical understanding and professional awareness.

Furthermore, by visiting different departments such as PCB Designing, Soldering, Digital Electronics Repairing, and Analog Electronics Repairing, students learned the importance of precision, teamwork, and troubleshooting skills. We observed how electronic components are assembled, tested, and repaired systematically. This visit improved our practical knowledge of circuit handling and fault detection techniques. Overall, the workshop provided hands-on exposure to industrial practices and motivated students to prepare themselves for future careers in the electronics field.