



**“ESDM course – GHM A Level – NIELIT”
In association with Seetha Skill Centre, Coimbatore**

Venue: Conference Hall, TGASC

Date:16.02.2021

REPORT

Resource Person: Karunakaran KN, Director, Seetha Skills Senter, Coimbatore.

Organized by: Dr. R. Velu Raj, Placement Officer, TGACS

Introduction: In January 2020, an Electronics System Design and Manufacturing (ESDM) course was initiated for 25 final-year students at Tagore Government Arts and Science College. This course, organized in collaboration with Seetha Skill Centre, Coimbatore, aimed to equip students with essential skills in the field of electronics and provide them with valuable knowledge in preparation for the NIELIT GHM A Level examination.

Objective: The primary objective of the ESDM course was to empower students with practical skills in electronics, fostering their understanding of system design and manufacturing processes. The course also aimed to prepare participants for the NIELIT GHM A Level examination, ensuring their readiness to excel in the assessments.

Course Duration: The ESDM course spanned from January 2020 to February 16, 2021, covering an extensive curriculum designed to enhance the students' theoretical understanding and practical application of electronics concepts.

Course Content: The curriculum included comprehensive modules on:

1. Electronic Circuit Design
2. System Architecture
3. Manufacturing Processes
4. Embedded Systems

5. Microcontroller Programming

6. Project Workshops

Instructor Expertise: Experienced instructors and industry experts were engaged to deliver the course content, ensuring that students received high-quality education and practical insights into the world of electronics and manufacturing.

Association with Seetha Skill Centre: The collaboration with Seetha Skill Centre, Coimbatore, played a crucial role in making the ESDM course accessible to students free of cost. This partnership exemplifies a commitment to promoting skill development and education within the community.

Examinations and Assessment: The course concluded with examinations held on 16th February 2021. The assessments covered both theoretical knowledge and practical application, ensuring a holistic evaluation of the students' understanding and skills acquired during the course.

Achievements:

1. Successful completion of the ESDM course by 25 final-year students.
2. Enhancement of students' knowledge and skills in electronics and manufacturing.
3. Facilitation of the NIELIT GHM A Level examination for participants.

Conclusion:

The ESDM course conducted in association with Seetha Skill Centre proved to be a significant initiative in providing valuable education and skills to the final-year students of Tagore Government Arts and Science College. The successful completion of the course and examinations highlights the effectiveness of the program in preparing students for future endeavors in the field of electronics and manufacturing.

