

Government College of Engineering, Dharmapuri – 636704

Department of Mechanical Engineering

**1. Industry Institute Interaction activities.**

**a. MoU:**

Department of Mechanical Engineering signed MoU with Turbo Engineers (CBE) from Coimbatore on 5.4.2024. As per this MoU student's placement and industrial training and seminar activities are planned to do for 3 years from date of signing. MoU's was signed and were exchanged with GCE, Dharmapuri Principal Dr.V.Sumathy with Ms.Santhi Sudhakar, Managing director from Turbo Engineering (CBE) Pvt Ltd from Coimbatore.



Fig.1: MoU signing with Turbo Engineers (CBE) Pvt Ltd.



Fig.2: MoU exchanging with Ms.Santhi Sudhargar, Managing Director of Turbo Engineers (CBE).

**b. Industrial training:**

VI Microsystems Pvt Ltd given the training to the teaching staff members, non-teaching staff members and the final year students in the topic of “Mechatronics equipment’s” on 21<sup>st</sup> and 22<sup>nd</sup> March 2024. Mr.Ravi, Senior Engineer and Mr.Nandhakumar from VI Microsystems are given the training related to Sensor units and Pneumatic with electro-pneumatic kits controlled by PLC controller. Also IoT based units are explained by them.



Fig. 3: Load cell function is explained by trainer from VI electronics.



Fig.4: LVDT function is explained by Mr. Ravi, Chief Engineer from VI electronics.



Fig.5: Thermocouple function predicted via electronic kit.



Fig.6: PLC controlled electro-pneumatic kit function is explained.



Fig.7: Water level indicator via IoT kit function is explained by Mr.Nandhakumer.

## **2. National level technical Symposium activities**

Government College of Engineering, Mechanical Engineering department national level symposium "MEXAZON'24" is organized on 5.4.2024. On that day MoU is signed and department magazine released along with GCE Dharmapuri College 3D printed model developed by 3<sup>rd</sup> year Mechanical Engineering student was released by Chief Guest Mr.Sudhakar Sundravel and

Ms.Santhi Suthakar. The technical events were conducted in MECAGON are Paper presentation, Project expo, Business plan, Technical quiz 3D modelling and Mr.Lathe events.



Fig.8: MECXAGON'24 starting inaugural function with chief guest.



Fig.9: Mecxagon'24 function started with Lightning by HOD Dr.B.Rajeswari





Fig.10: Student participants and student audience during function.



Fig.11: Fig.12: Principal Dr.V.Sumathy inaugural Speech



Fig.12: Chief guest Mr.Sudhagar inaugural Speech.



Fig.13: Price winners from outside college participant.



Fig.14: Price winners from outside college participants for group activity.



Fig.15: Price winners from 3rd year Mechanical students from GCE, Dharmapuri.



Fig.16: Price winners from 2<sup>nd</sup> year Mechanical students from GCE, Dharmapuri.



Fig.17: Releasing GCE Dharmapuri College 3D model developed by 3<sup>rd</sup> year student.



Fig.18: Honor to college 3D modelling developed student.





Fig.19: Mecxgon'24 Magazine release by chief guest Mr. Sudhakar.



Fig.20: MoU exchange between GCE Dharmapuri Principal to Turbo Engineering (CBE)



Fig.21: Thanking speech by student secretary Mr.Rama Jothi

### **3. Department Magazine:**



It is developed and released on 5.4.2024 by Mr.Sudhakar Sundharavel from Turbo Engineering (CBE) Managing Director.