

## **DEPARTMENT OF MECHANICAL ENGINEERING**

### **REPORT**

#### **WORKSHOP ON "RECENT TRENDS IN MECHANICAL ENGINEERING"**

**Venue: Chera Hall, Kings College of Engineering**

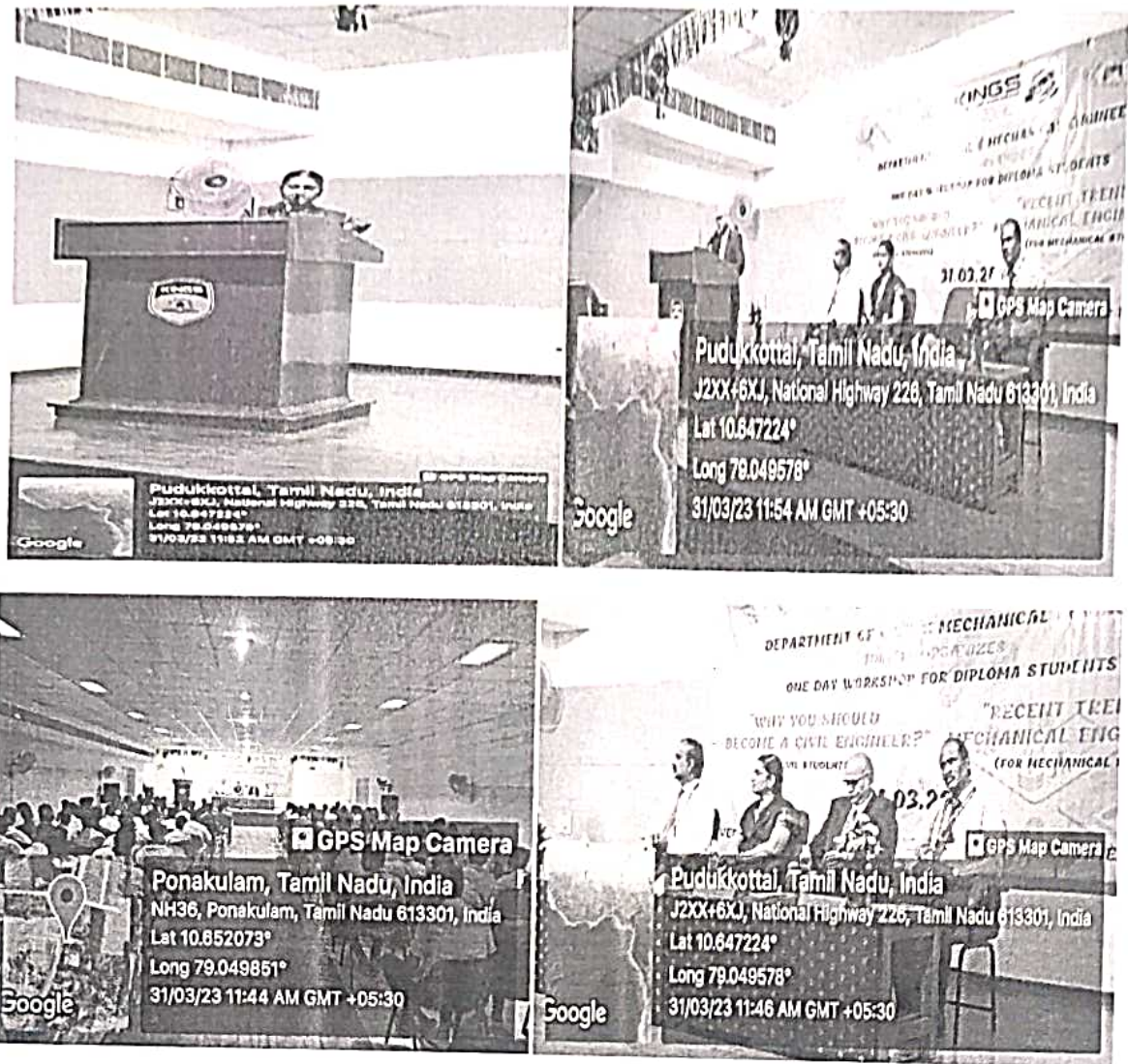
**Date: 31.03.2023**

#### **OBJECTIVE:**

Department of Mechanical Engineering, Kings College of Engineering organised a one day workshop on "RECENT TRENDS IN MECHANICAL ENGINEERING" for Diploma in Mechanical Engineering (DME) students on 31.03.2023. Earlier staff members from Mechanical department visited various polytechnic colleges to meet the students directly and conveyed about our workshop. An overwhelming response was received from the polytechnic colleges and students showed tremendous interest to attend the workshop. The main aim of the workshop was create awareness on engineering education and to disseminate the recent advances in Mechanical Engineering.

#### **INAUGURAL SESSION:**

The welcome address was given by Mr.V.Aravind AP/Mech Kings College of Engineering. The workshop was inaugurated by the Principal, Dr.J.Arputha Vijaya Selvi. She graced the occasion as chief guest and delivered the presidential address. In her address, she elucidated the rising technology and various opportunities in Mechanical Engineering field. She also insisted that the possibility is in every hand, the students have to make use of those various opportunities for their career. She also briefed the importance of Mechanical Engineering in various aspects. Finally while concluding, she encouraged the participants to make use of the college infrastructure during the practical sessions. More than 93 participants from various polytechnic colleges participated in the workshop.



Glimpses of inaugural session

**WORKSHOP SESSIONS:**

The Session I was handled by Vice Principal Dr.S.Sivakumar, he narrated various opportunities in automobile industry and explained solar power and energy concepts. The Session II was handled by Dr.T.Pushparaj, HOD/Mech, he presented about the recent trends in mechanical engineering and latest technological advancements in Mechanical Engineering. Also he explained the importance of technical education in future. In session III, Mr.V.Vivekananthan AP/Mech handled the students with Pro-e drawing software and give lecture. The Pro-e demo and usage of them is made impression among the students.

Then in afternoon session IV, Mr. R.Rajadurai AP/Mech delivered lecture in alternate fuels and pollution control technologies. Then the students were given hands on training in CNC machines in our lab handled by Mr. M.Sakthivel AP/Mech.



Glimpses of workshop session

#### **VALEDICTORY SESSION:**

The valedictory session was conducted by Mr.S.Balaganesh AP/Mech. He highlighted the mechanical engineering career opportunities. In the feedback session, the participants gave their valuable feedbacks and the participation certificates were distributed by the HoD/Mech. Mr.S.Desikan AP/Mech delivered vote of thanks. With the National anthem the program was come to an end.



Glimpses of Valedictory session

**OUTCOME:**

On successful completion of the workshop, students were able to understand

- Basic and advances in Mechanical Engineering and Automobile Engineering.
- Recent developments in industrial engineering and managements.
- Current scenario in welding and design attributes.
- Employment skills and techniques in latest technologies.

SD → 24.4.23  
S. Prasad 24/4/23  
CO-ORDINATORS

T. Prabhavathi  
HOD/MECH 24/4/23

J. Prasad  
24/4/23  
PRINCIPAL