



ISTE STUDENTS CHAPTER (TN 217)

Ref.No.: KCE / PRL / ISTE / 10 /23-24(ODD)

Date : 13.10.2023

Circular

We have planned to conduct **CAD QUEST** for ISTE student members of Mechanical Engineering department on **18.10.2023** (Wednesday). Interested students are asked to enroll their name to **Mr.S. Nelsonraja**, AP/MECH. department on or before 16.10.2023.

Themes:

- Power Transmission Devices in Automobiles
- Machine Components
- Orthographic Drawings
- Assembly of Engine Components

Guidelines:

- Team event. Team size : Two.
- Mechanical design related software will provide to the participants.
- Drawing should be made with proper dimensions.
- Participants have to draw CAD diagram of given theme with stimulated time period.
- Evaluation is based on completion of job with all details at the earliest time.
- **Three teams will be selected for the prize.**
- **Participation certificate will be provided to all the participants.**
- If the rules are violated, then the participants will be rejected immediately.
- Judges decision will be final.

Venue : CAD LAB/MECH.

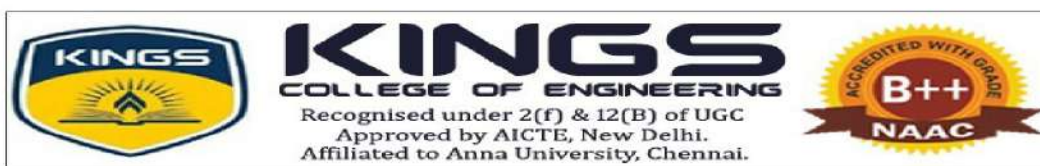

Coordinator / ISTE Chapter 13/10/23


13/10/2023
PRINCIPAL

Circulated to

HoD – MECH.

To be read in all MECH. Department classes



ISTE STUDENTS CHAPTER (TN 217)
ACADEMIC YEAR 2023-2024 (ODD SEMESTER)
CAD QUEST COMPETITION REPORT

Date & Session : 18.10.2023 & 01.55 pm to 02.40 pm
Venue : CAD Lab - Mechanical
Co-Ordinator : Mr. S. Nelson Raja, AP/MECH
Convener : Mrs.T.Gnanajeya, Co-Ordinator, ISTE Chapter

About the Competition:

CAD QUEST is drafting based competition using Computer Aided Design software. Participants need to draw the 3D model using CAD software and elaborate their design solution.

Objectives of the Competition:

- To enhance the modeling proficiency among the students.
- To enable the development, modification, and optimization of the design thinking.
- To make more accurate representations and modify them to improve the students design quality.

Guidelines of the Competition:

- Team event.
- Each team should not be more than 2 people.
- Mechanical design related software will provide to the participants.
- Drawing should be made with proper dimensions.
- Participants have to draw CAD model of given theme with stimulated time period.
- Evaluation is based on completion of job with all details at the earliest time.

A competition on CAD QUEST was organized by the ISTE Students Chapter, Kings College of Engineering on 18.10.2023 between 01.55 pm to 02.40 pm for the ISTE student members from Department of Mechanical Engineering. There are 38 students actively participated in this competition. The competition addressed the creativity of participants along with their drafting skill and design thinking.

Dr. T. Pushparaj, Head, Department of Mechanical Engineering were awarded winners with winning certificates and the remaining participants were awarded with participation certificates.

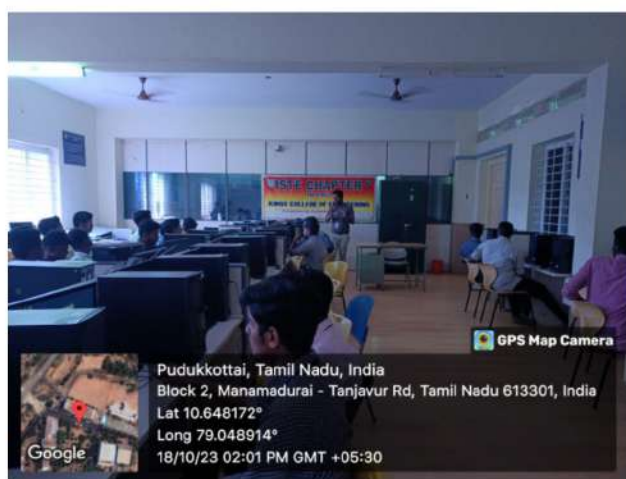
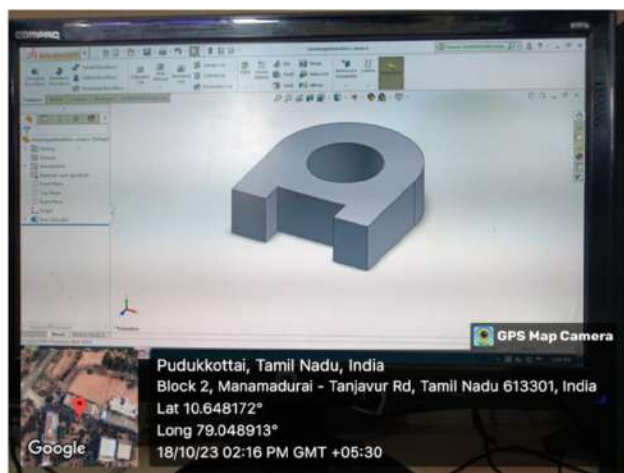
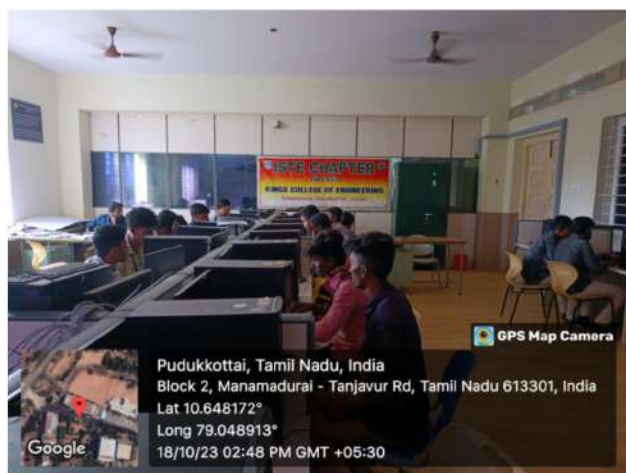
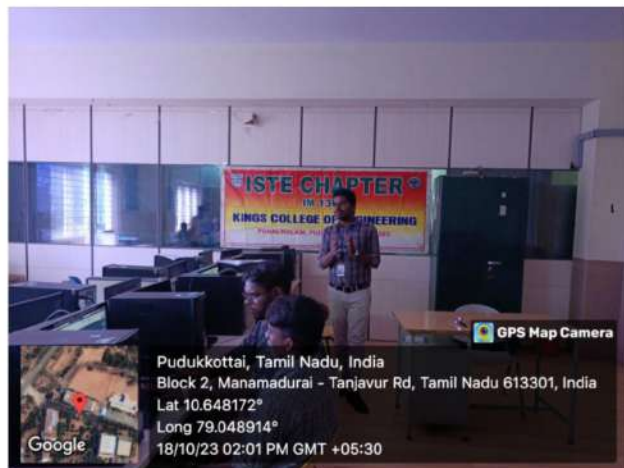
The following students are the price winners

Position	Class	Name of The Student
I	IV-B	A. Vivek
		S. Shanmugabharathi
II	IV-A	G.S.Sakthi Ganesh
		K. Ramprasad
III	III	S. Ponnarasan
		D. Maniraj

Outcomes of the Competition:

- Students able to understand the CAD standards and modeling proficiency.
- Students able to applying basic drafting fundamentals.
- Familiar with the AutoCAD user interface.
- Re-create part drawings, sectional views and assembly drawings as per standards.
- Gain practical experience in handling 2D drafting and 3D modeling software systems.

Glimpses of the Competition:



S.R.A.
07/11/2023

Dept. ISTE Coordinator

N. J.
07/11/23

Coordinator/ISTE Chapter

J. Rami
07/11/2023

Principal