

**DYNAMECH Department Club Activity on
“CADEX – MODELLING THE FUTURE”
(11 September 2021)**

**DYNAMECH Department Club Activity on
“CADEX – MODELLING THE FUTURE”**

DYNAMECH Department Club Activity on ‘CADEX – MODELLING THE FUTURE’ was successfully conducted, in association with ISTE, IIC and IQAC – MVJCE, on 11th September, 2021. This DYNAMECH Club Activity was designed to impress upon students, the importance of design and modelling, for their career. 22 participants registered for event, and 10 of them qualified for the final competition.



CLUB ACTIVITY

“CADEX – MODELLING THE FUTURE”
11th September 2021, Saturday
Organized by the DYNAMECH CLUB,
Department of Mechanical Engineering
In association with ISTE, IIC and IQAC - MVJCE

Banner of the ‘DYNAMECH CLUB ACTIVITY’, shared with the Students.

Professor Krishna Prasad, Moderator of the Competition, highlighted the importance of design and modelling in building one's career, especially in the Automotive and Aerospace industries, He also stressed on the need for design and development in the fabrication of components, in Mechanical industries.

The competition started with Dr. Santhosh N, Associate Professor, Department of Mechanical Engineering, giving an overview of the rules and regulations to be followed. The Club activity, CADEX - MODELLING THE FUTURE, comprised of three major stages. In the first stage, the participants were given a 3D model of an industrial component, and were asked to draw the front, top and side views and denote the dimensions. In the second stage, the shortlisted participants were asked to draw the isometric projections of the 2D drawing, followed by a Quiz on Geometrical Dimensioning and Tolerance.

INSTITUTION'S INNOVATION COUNCIL
(Ministry of HRD Initiative)

DYNAMECH

MVJ COLLEGE OF ENGINEERING
Since 1982
Engineering A Better Tomorrow

**Department of Mechanical Engineering,
MVJ College of Engineering**
presents in collaboration with
Institution Innovation Council (IIC)

CADEX – MODELLING THE FUTURE

DYNAMECH CLUB ACTIVITY

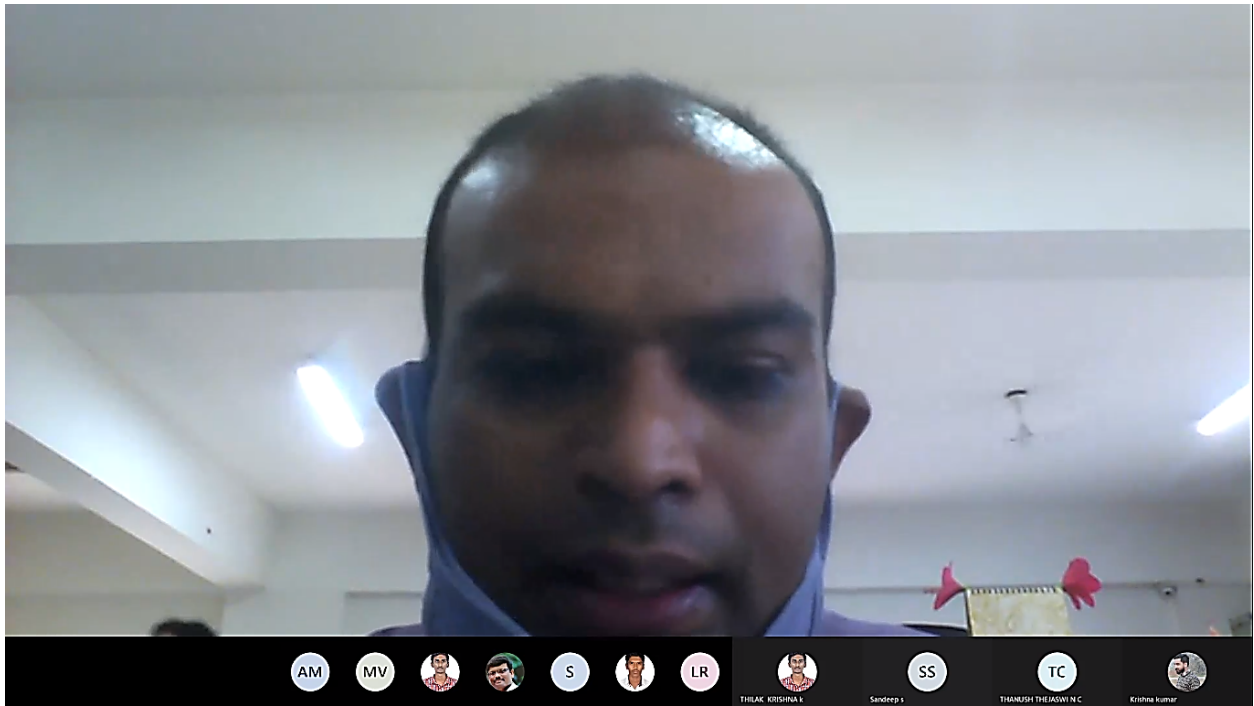
Date: 11/9/2021
Time: 10.15 PM – 04.00 PM

Platform: MS Teams
Registration: Office Forms

UG and PG Students of all the departments of the college
are cordially invited for the program

+8 MV LR AM SS TC THIRAK KRISHNA K

Inauguration of the DYNAMECH CLUB ACTIVITY titled “CADEX – MODELLING THE FUTURE”



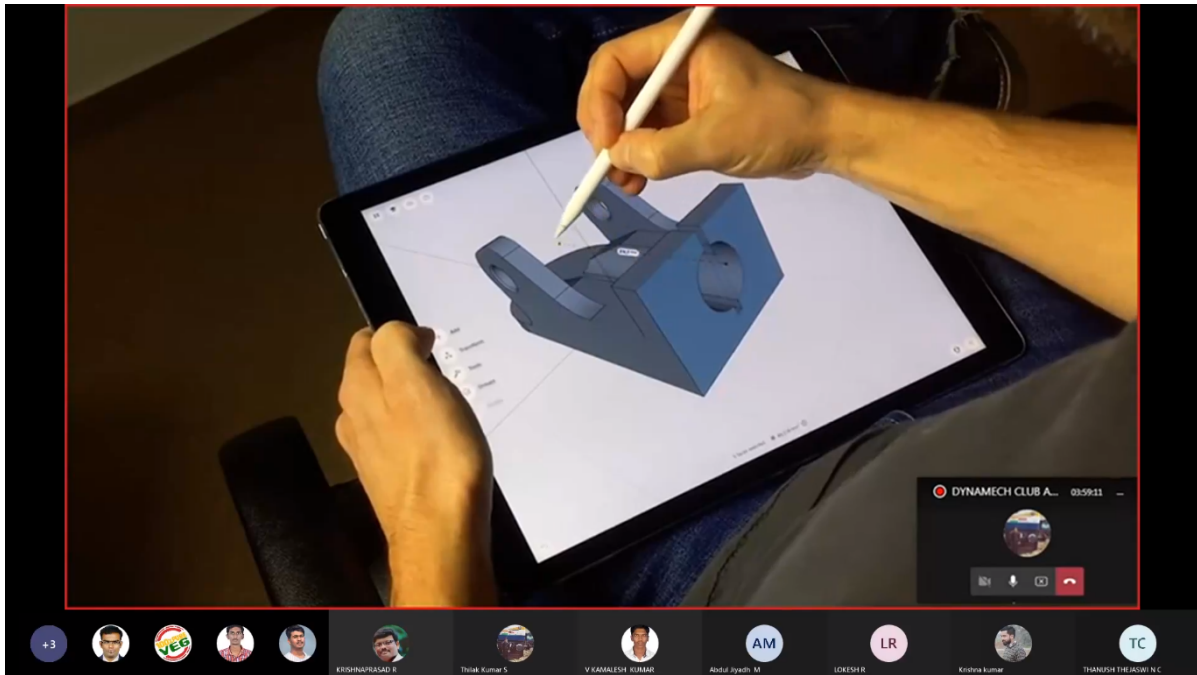
Dr. Santhosh N, Associate Professor, Department of Mechanical Engineering, MVJ College of Engineering, giving an overview of the rules and regulations to be followed in the competition

Fig 1

All dimensions in mm

Full screen is visible to all students.

Students drawing 2D sketches of the 3D Model



The importance of 3D sketching being demonstrated to Students by Prof. Krishna Prasad in the Valedictory session

Overall, the Club activity was very well coordinated, with the main impetus on Industrial focus, and the students were actively engaged in the CAD Modelling of the components.

The Club activity came to an end, with concluding remarks from Prof. Krishna Prasad, on how to go forward with the design and development. He encouraged the participants to participate actively in all future events.



V KAMALESH KUMAR
(1MJ19ME072)
WINNER



CHANDAN GOWDA B N
(1MJ20ME401)
RUNNER UP

Photographs of the Winner and Runner up of the Event

Outcome of the Club Activity

1. The students were encouraged to carry out CAD Modelling and Drawing.
2. They experienced and understood the concepts of Geometrical Dimensioning and Tolerance.
3. They were prompted to recognize the need for design and CAD Modelling.

Summary of the DYNAMECH Student Club Activity

Date of the Event	11 th September, 2021
Title of the Event	DYNAMECH Department Club Activity on 'CADEX – MODELLING THE FUTURE'
Number of Stages in the Competition	03 Stages <ol style="list-style-type: none">1. Conversion of 3D Model to 2D Sketch2. Conversion of 2D Sketch to Isometric Projections3. Quiz
Winner and Runner up	Winner V Kamalesh Kumar (1MJ19ME072) Runner Up Chandan Gowda B N (1MJ20ME401)
Organized by	DYNAMECH Student Club, Department of Mechanical Engineering, MVJCE, in association with ISTE, IIC and IQAC – MVJCE
Link	https://web.microsoftstream.com/video/86c2ee41-0368-4089-9861-dc45caec07c3
Platform	MS Teams