





DEPARTMENT OF MECHANICAL ENGINEERING THRUST AREA RESEACH GROUP CAD / CAM & ENGINEERING DESIGN AND COLLEGIATE CLUB (EDCC)

WEBINAR ON "VARIATIONAL METHODS FOR FINITE ELEMENT FORMULATIONS" – 23.10.2020 Mr. Manigandan. R, Engineer - Business support, CADD Centre

Department of Mechanical Engineering in association with Engineering Design Collegiate Club (EDCC) - Thrust Area Research Group - CAD / CAM organised a webinar on "VARIATIONAL METHODS FOR FINITE ELEMENT FORMULATIONS" on 23.10.2020. Around 42 students from Department of Mechanical Engineering had participated in the webinar. The Expert speaker *Mr. Manigandan. R, Engineer - Business support, CADD Centre*, The chief guest was welcomed and welcome address was given by Prof. L. Prabhu, HOD / Mech. The vote of thanks was proposed by Mr. Praveen. R, Asst. Prof – II / Mech.

The chief guest explained about the fundamentals of Dynamic analysis, Vibration, Factors related to Dynamic analysis, Noise analysis, were explained by the chief guest. The students also interacted and learned the basics of dynamics analysis and the importance of Dynamic analysis from Industrial perspective.

Outcome:

The students understood the concepts of Dynamic analysis, Vibration, Frequency, amplitude of the vibration, Frequency, signal to noise etc. The guest also assured that he would extend his support in helping our students related to Projects.

Invitation:



Event Photos: 🗙 M 23.10.2020 - Webminar- Variatio 🗙 📬 (4) Meeting | Microsoft Team 🐠 🗙 🚯 (5) WhatsApp 🗾 Login Page - Camu × + ← → C 🏠 🔒 teams.microsoft.com/_#/pre-join-calling/19:meeting_OWNmYmJkYjAtOWI5NC00YjhjLTg3YjQtZmYyMGE0NzgxNTAz@thread.v2 P \$: Q Search **Microsoft Teams** KP **Brief Intro About Different** People ... × B **Numerical Methods** Currently in this meeting (65) **1. FEM: (FINITE ELEMENT METHOD)** KP KUMARAN P X FEM is the Most Popular Numerical Method Abhijith sukesan 3441955504 â 0 S) Applications-----linear, Non Linear, Buckling, thermal, dynamic And Fatigue sathyajeevi 3441955630 X Analysis 3441955528 Ammar Ahmed ... 3P S, ٩, Guest Are FEA and FEM same are different???? 3441955651 Abhijith k menon S, 3M Finite element method and finite element analysis both are same FEA is used abdul rahuman (3441955502) AR X Guest in industries FEM is used in colleges and universities. ABIN ZACHARIAH 34419556... A3 ø Guest Aby Jose 3441955507 X A3 CADD Adarsh R, 3441955509 3R S, Guest +55 AFSAL. KE 3441955679 R M3 G3 MR 3P NA PR (F1) F1 A3 X Guest **X** Ø e 0 1 0 - 🐠 🍢 ኳ 10:28 AM

