



**NEW HORIZON
COLLEGE OF ENGINEERING**

Autonomous College Permanently Affiliated to VTU, Approved by AICTE & UGC
Accredited by NAAC with 'A' Grade, Accredited by NBA

DEPARTMENT OF MECHANICAL ENGINEERING

**In association with
EDS Technologies Pvt Ltd, Bengaluru**



Expert Talk on

**“CATIA SURFACE TECHNIQUE FOR PRODUCT
DESIGN”**

BY: Mr. VISHWA KADADAKATTI

Venue: DEMS Lab

Date: 12th January 2024

Time: 11:00 a.m. 2:00 p.m.

Faculty Co-ordinator: Dr. Nagabhushana N

Alumni Co-ordinator: Prof. Hanamant Y

Convenor: Prof. Rakesh C, Head Dept of ME



Department of Mechanical Engineering
in association with
EDS Technologies Pvt. Ltd
Organizes
A one-day training session on

CATIA SURFACE TECHNIQUE FOR PRODUCT DESIGN

 12 January 2023 | 11:00 AM - 01:00 PM

 SAP LABS,
Sardar Vallabhbhai Patel block, NHCE

 Students and Faculty members of the
ME Department

Faculty Coordinator:

Dr. Nagabhushana. N
Sr. Assistant Professor

Alumni Coordinator:

Prof. Hanamanth. Y
Sr. Assistant Professor

Skill Development:

Dr. Sowmya Narayanan
Director- Centre for Life Skills

Convenor:

Prof. Rakesh C
Head - Department of ME



Speaker

Mr. Vishwa Kadadakatti
Application Engineer
EDS Technology Pvt.Ltd

Total Number of Internal Participants: 47

Targeted Audience: Students from all departments of New Horizon College of Engineering

Description of the Event: The Guest Speaker, Mr. Vishwa Kadadakatti, was invited by Prof. Rakesh C , Head of Mechanical Engineering department, Faculty co-ordinator Dr. Nagabhushana N organized the event in association with EDS Technologies Pvt Ltd.

Mr. Vishwa Kadadakatti, the Application Engineer at EDS Technologies Pvt Ltd, The speaker possessed the expertise in Over 20+ certifications on CATIA V5, 3DEXPERIENCE Architecture and Installation fundamentals and ENOVIA by Dassault Systems. Having more than 200+ hours of training Experience on 3DEXPERINCE and CATIA V5 platform for Academic and Corporate customers like Infosys, Ferra Aerospace, Dynamics, Ather Electric KGTTI, BMS College of Engineering, Etc, TXO (Data Model Customisation) Overview training for academic customer like NHCE, NMIT Etc.



The Guest Lecture commenced at 11:00 a.m. with an audience that mainly comprised of mechanical engineering students from the second year. 'Catia Surface Technique for Product Design' was the topic for the session, with the theme of Inclusive Development.

During the session, different commands in CATIA were discussed by Mr. Vishwa Kadadakatti. He further shared his knowledge on the new and upcoming technology with respect to Surface and Sheet metal forming. Various applications of Sheet metal were discussed. The major application areas covered were Aerospace, Automobile and Space crafts.



Mr. Vishwa conducted an interesting session indeed where he introduced the different commands such as Wall, wall on edge, Extrusion, Automatic bends where he explored conic bend and bend from flat, Fold/unfold, cutout, Point stamp, patterns, corner relief, fold/unfold points or curves, saving a file in DXF format.

Also briefed about the importance of each commands in sheet metal industry, some of the sheet metal drawing examples were discussed in order revise the topics covered and also highlighted the growth of sheet metal industry over the other manufacturing process.



Further, the importance of sheet metal future of aerospace was shared with the students. Also he highlighted the job opportunities in the market and the compatibility of the software with the others tools for the purpose of the analysis.

The session concluded with closing remarks by Dr. Nagabhushana N. It was a very engaging and interactive session, where we not only learnt about the different commands in sheet metal, but also where we could acquire knowledge about the electric future of aerospace, automobile and space crafts.



The session ended with felicitating the resource person by Mr. Shivaprakash S. We had the privilege of calling upon the HOD of the Mechanical Department to hand over a sapling as a token of appreciation. The participants were made to fill a feedback form and that brought the session to an end.