



**NEW HORIZON**  
**COLLEGE OF ENGINEERING**

New Horizon Knowledge Park, Ring Road, Marathalli  
Autonomous College Permanently Affiliated to VTU, Approved by AICTE & UGC  
Accredited by NAAC with 'A' Grade, Accredited by NBA

**DEPARTMENT OF MECHANICAL ENGINEERING**

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## **Report on Faculty Development Program**

**Duration of the FDP:** 17/03/2025 – 21/03/2025

**Timings:** 09:30 AM - 04:30 PM

**Title of the FDP:** Product Life Cycle Management and 3D Experience: Co-creating innovative Products and Services.

**Organizing Departments:** Mechanical Engineering, Applied Science and EDS Technologies, Bangalore.

**Attendees:** Faculty members of Mechanical Engineering and Applied Science.

**Resource Person:** Mr. Vishwa Kadadakatti, Senior Application Engineer, EDS Technologies.

### **Objective of the FDP**

To enhance the knowledge of researchers and faculty members in the field of Product Life Cycle Management using 3D EXPERIENCE.

### **About the Resource Person**

Mr. Vishwa Kadadakatti is a Senior Application Engineer at EDS Technologies in Bangalore, with three years of professional experience in the field.

### **Trainers Expertise**

Trainers having 60+ certifications on CATIA V5, 3DEXPERIENCE Architecture and Installation fundamentals and ENOVIA, DELMIA, SIMULIA and BIOVIA by Dassault Systems. The trainers have more than 500 hours of training Experience on 3DEXPERIENCE and CATIA V5 platform for Academic and Corporate customers like Infosys, Ferra Aerospace, Dynamics, Ather Electric, KGTTI, Tech Mahindra, and so on. TXO (Data Model Customization). Overview of the training is done for academic customers like RVCE, KLETU, NHCE, BMSCE, NMIT , and so on.

### **Programme Contents**

DAY -1 Introduction to 3DEXPERIENCE overview and, Collaborations and Approvals

DAY -2 IP Classifications

DAY -3 Project Management (Fundamentals)

DAY -4 Project Management (Advanced)

DAY -5 3DExperience Change Management / EBOM Management

DAY WISE SCHEDULE	ENOVIA TRAINING MODULES	HANDS-ON DETAILS
DAY -1 17/03/2025	Introduction to 3DEXPERIENCE overview and Collaborations and Approvals	Creating and working with basic features of 3DEXPERIENCE applications like (3DDashboard, 3DSpace, 3DDrive, 3Dswym, 3DNotifications, 3DSketch, 3DPlay and Widgets,). Collaboration and Approvals: Managing, Creating and working with Bookmark Workspaces, Assigned Tasks, Issues, Routes to accomplish the assigned tasks, and Common Document Module.
DAY -2 18/03/2025	IP Classifications	IP Classifications: Creating Document, Part, General Library Hierarchy (Library>Class/family>folders>Sub folders> documents within hierarchy). Working with document objects – (Check-in >Check-out, retaining the obsolete documents). Creating Attributes and assigning them with the classes created and classifying library objects.
DAY -3 19/03/2025	Project Management (Fundamentals)	Project Management (fundamentals): Creating programs and projects > Scheduling and assigning members > Creating issues flowing routes and Task > monitoring status programs and projects>
DAY -4 20/03/2025	Project Management (Advanced)	Project Management (Advanced): Managing Risks, Resources, Creating budgets and benefits. Creating and working with quality objects assessing projects and tracking projects.
DAY -5 21/03/2025	3DExperience Change Management / EBOM Management	Change Management: Creating and working with Engineering change request, order, and action and validating change process. EBOM Management Overview of the platform and the importance of EBOM in product lifecycle management>EBOM Creation and Configuration>Version Control and Change Management>Collaboration and Data Sharing EBOM Analysis and Reporting>Integration with MBOM and Manufacturing Systems

## Conclusion:

The five-day Faculty Development Programme was a resounding success, with all topics thoroughly covered as planned. It proved to be an excellent initiative, providing faculty members with comprehensive, hands-on training on Product Life Cycle Management modules using the 3DEXPERIENCE platform. The program not only met its objectives but also empowered participants with practical insights and valuable skills, ensuring an enriching and productive experience for everyone involved.



Department of Mechanical Engineering  
Department of Applied Sciences  
EDS Technologies, Bangalore

### Five Days Faculty Development Programme

on

**Product Life Cycle Management and 3D EXPERIENCE:**  
**Co-creating Innovative Products and Services**

17 - 21 March 2025

09:00 AM - 05:00 PM

DEMS LABS, Sardar Vallabhbhai Patel block, NHCE

Faculty members

[www.newhorizonindia.edu](http://www.newhorizonindia.edu)

#### Patron

Dr. Manjunatha, Principal

#### Conveners

Prof. Rakesh C. HoD-ME

Dr. Anusuya Devi, HoD-AS

#### Coordinators

Dr. Nagabhushana N. Sr. Asst. Prof.-ME

Dr. Srinath M K, Associate Prof.-ME

Dr. Prashanth K.S. Professor-AS

Dr. Raghu M S, Associate Prof.-AS

#### Co-coordinators

Dr. Sujin Jose, Associate Prof.-ME

Dr. Ramachandra Naik, Associate. Prof.-AS

Dr. Madhu Mohan Raju, Associate. Prof.-AS

Dr. Jayasheel Kumar K.A, Sr. Asst. Prof.-ME

#### Programme Objective:

The main objective of this faculty development programme is to enhance the knowledge of researchers and faculty members in Product Life Cycle Management using 3D EXPERIENCE in Mechanical Engineering.

#### Programme Contents:

Day 1 - Introduction to 3D EXPERIENCE: Overview, Collaborations & Approvals

Day 2 - IP Classifications

Day 3 - Project Management (Fundamentals)

Day 4 - Project Management (Advanced)

Day 5 - 3DEXPERIENCE Change management / EBOM Management

#### Resource Persons

Technical Experts from EDS Technologies Pvt. Ltd.

#### About NHCE

New Horizon College of Engineering is an autonomous institution affiliated with Visvesvaraya Technological University (VTU) and approved by the All India Council for Technical Education (AICTE). It is a certified institution per ISO 9001:2008. The college is accredited by both the National Board of Accreditation (NBA) and the National Assessment and Accreditation Council (NAAC) with an 'A' Grade.

Located in the heart of Bangalore, the IT capital of India, the college campus lies within the city's IT corridor. NHCE features a scenic and serene environment conducive to personal and intellectual growth. The infrastructure facilitates the effective delivery of the curriculum, and the college boasts state-of-the-art facilities for its students. The institution encourages students in their areas of interest by providing advanced resources and comprehensive faculty support.

NHCE prioritizes innovative instructional programs that combine traditional classroom theory with professional skills training. It also strongly emphasizes student personality development, particularly the enhancement of soft skills. The college supports students through mentoring and counselling systems, and management offers scholarships to meritorious individuals.

At NHCE, the institution understands and respects its role as an educator. From the moment students enter the campus, they receive guidance to identify their strengths and select a suitable area of functional specialization. This support enables students to focus their efforts and energies, helping them gain a competitive edge in their careers.

#### About the Department

Since its inception in 2001, the Department of Mechanical Engineering has been unique in its approach and instrumental in shaping many engineers. The department has undertaken various projects in emerging fields such as robotics, rapid prototyping, surface engineering, and non-conventional energy, with support from the Vision Group on Science and Technology, Government of Karnataka, and AICTE, New Delhi. We boast a team of highly talented and experienced faculty members who are committed to their work. Additionally, the department has state-of-the-art facilities for full-time and part-time students.

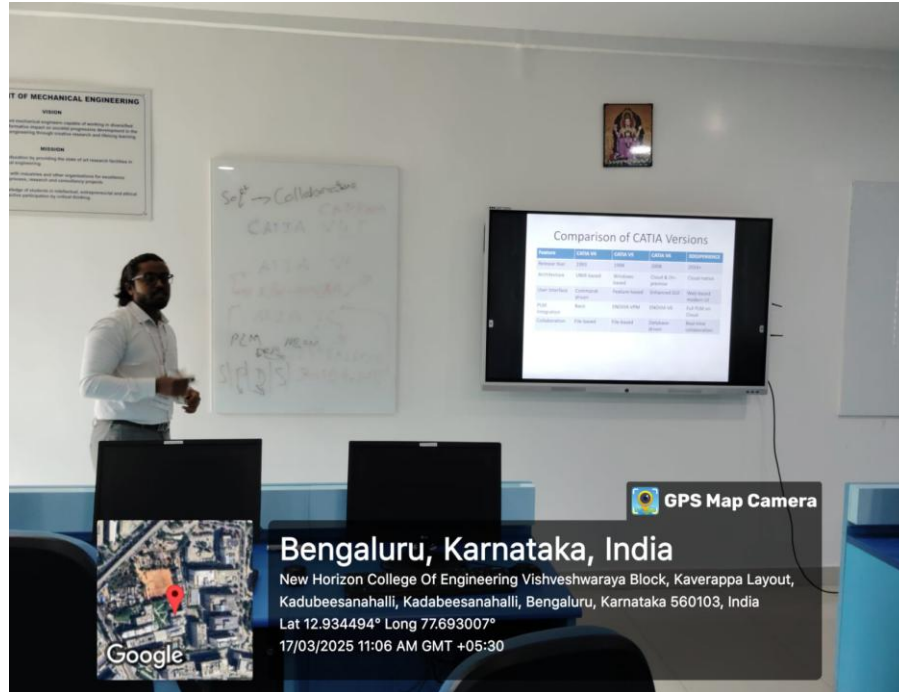
#### About EDS Technologies

EDS Technologies is a 30-year-old technology solutions provider, empowering organizations across various sectors with advanced technologies for digital transformation. Specializing in technologies for product design, simulation, 3D printing, Electronic Design Automation (EDA), geo-spatial analytics, and Commercial Off-The-Shelf (COTS) Visual Simulation, the company delivers innovative solutions to address critical challenges. Through strategic partnerships with global leaders like Dassault Systèmes, Synopsys, EOS, Esri, MAK, and others, EDS Technologies serves sectors including manufacturing, electronics, R&D, life sciences, and government. With a consulting arm that optimizes product lifecycle and digital operations, the company supports clients in deploying cutting-edge solutions. With over 2,000 customers worldwide in automotive, aerospace, electronics, industrial equipment, and medical devices, EDS Technologies is committed to helping businesses innovate and achieve sustainable growth through technology.

[www.edstechnologies.com](http://www.edstechnologies.com)



## Glimpses of the Faculty Development Program

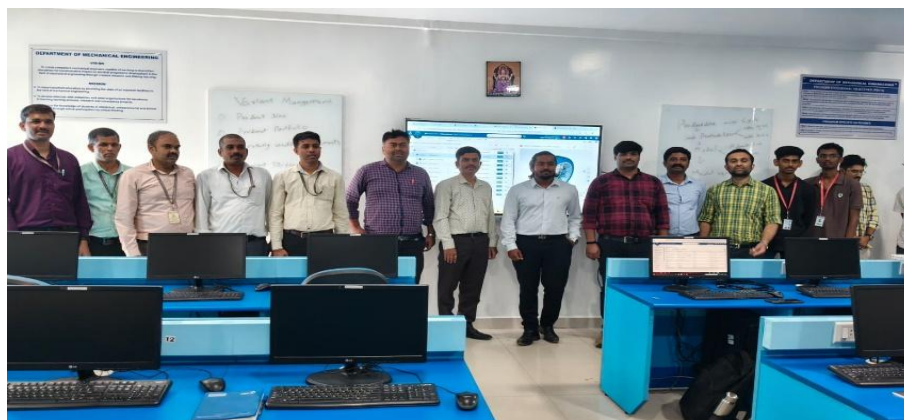






### Bengaluru, Karnataka, India

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21/03/2025 12:59 PM GMT +05:30