

Period 01.06.2022 to 31.05.2023

Please fill the following details

Value Added Courses

Metric: 1.3.2

Page Number 57 & 122

Name of the Department :Aerospace Engineering

Numbers Identified for the Department

Numbers Achieved for the period from 01.06.2022 to 31.01.2023

SNo	Dept	Prog	Name of the Value Added Course	Date		Number of Students Enrolled	Number of Students Completing The course	Whether activity Report Prepared
				From	To			
1	AE	BE	CATTIA 3D Experience	14-11-2022	18-11-2022	55	36	-
2								
3								
4								

Note Duration : 30 or more Contact Hours

Note: Please maintain necessary supporting documents/activity reports



B. M. S. COLLEGE OF ENGINEERING, BENGALURU-19

(AUTONOMOUS COLLEGE UNDER VTU, APPROVED BY AICTE, ACCREDITED BY NBA&NAAC)



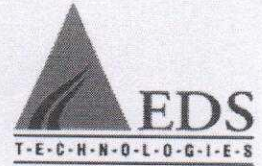
DEPARTMENT OF AEROSPACE ENGINEERING

Organizes Value Added Program On



CATIA 3D EXPERIENCE

Date- 14th to 18th November, 2022



ABOUT THE COURSE

This Value-Added Course throws light on promising area such as platform navigation, sketches and 3D modelling .

3DEXPERIENCE Platform Overview and Sketcher Application: -

Introduction to 3DEXPERIENCE Platform brief history, platform architecture and platform navigation. The sketcher application is the foundation for 3D modelling. In this application, we can create and modify 2D profiles/Sketches and we can apply geometrical & dimensional constraints to the profiles.

Part Design Application: -

With part design application, we can transform sketches created in sketcher application into extremely accurate 3D mechanical parts. This application offers a variety of efficient design features, which in turn allows us to tackle a range of projects. With the help of a part design application, we can create reference elements and 3D parts as well as we can perform a Boolean operation to get the desired results.

Assembly Design Application: -

Assembly modelling is the process of creating designs that consist of two or more components assembled together at their respective work positions by applying the engineering Connections. This application helps us to create an assembly with both the approaches i.e., Bottom-Up Approach and Top-Down Approach.

Drafting Application: -

The drafting application helps in creating the drawings and views from 3D parts and it also allows to add of dimensions and annotations as well as we can generate balloons and the Bill Of material for the assemblies.

Generative Wireframe & Surface Design Application: -

Generative Wireframe & Surface Design Application allows you to create/generate a complex surface of negligible thickness with the help of sketches and wireframe elements.

CERTIFICATE

OF VALUE ADDED COURSE



This certificate is presented to

Likith Raj

For the completion of the 30 hour course, in the 5 day workshop on
Catia 3D Experience held in association with EDS Technologies at

BMSCE from 14th - 19th November 2022.

[Signature]

Dr. Y.S. Rammohan

H.O.D, Department of
Aerospace Engineering

[Signature]

Mr. Mahantesh

Application Engineer,
EDS Technologies

[Signature]

Dr. Chethana K.Y.

Assistant Professor,
Aerospace Department

[Signature]

Dr. Yathish Muddappa

Assistant Professor,
Aerospace Department