



Bharath
INSTITUTE OF HIGHER EDUCATION AND RESEARCH
(Declared as Deemed - to - be - University under section 3 of UGC Act 1956)

Date: 25.10.2017

Department of Mechatronics

Circular

The Department of Mechatronics, BIHER is glad to conduct a 5 - day Value Added Program on “**Hyper mesh/Hyper View Introduction**” dated from 20.11.2017 to 24.11.2017 for a period of 25 hours. Those who are interested to participate do register your name with the program coordinator mentioned below.

Resource persons:

Dr.P.Sengottuvel,
Professor,
BIHER

Mr. Uday Shankar Prabhu
CEO,
CAD/CAM/CAE Solutions,
Royapuram, Chennai.

***First come first serve basis.**

Program Coordinator:

Mr.J.Dhanasekar
Assistant Professor
Mr.P. Jai Rajesh
Assistant Professor,

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BHARATH INSTITUTE OF SCIENCE & TECHNOLOGY
Selaiyur, Chennai-600 073. India
MECHATRONICS



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Hyper mesh/Hyper View Introduction

OBJECTIVES:

This is an introductory course using Hyper Mesh to create and set up finite element models for analysis. A combination of lectures and exercises will familiarize students to the Hyper Mesh environment, its processes, and the suitable tools needed. This course is combined with the Hyper View introductory course too.

[DAY: 1]

MODULE 1: Introduction to Hyper Mesh (5 Hrs)

Basic interaction with Hyper Mesh and Hyperview - User interface- Opening/saving files - Working with panels - Model organization - Display control - Shell meshing - Auto meshing – Meshing on surface geometry- Checking and editing mesh - Batch meshing

[DAY: 2]

MODULE II: Preparing Models for Analysis (5 Hrs)

Creating boundary conditions, Formatting for solvers, Preparing geometry for meshing-Repairing surface topology, Mid surfaces, Disfeaturing models, Refining surface topology

[DAY: 3]

MODULE III: Creating Hexa and Penta Mesh (5 Hrs)

Creating & Editing solid geometry, Creating hex mesh with the solid map panel

[DAY: 4]

MODULE IV: Tetra Meshing(5 Hrs)

- Method 1 – Standard tetra mesh
- Method 2- Volume tetra mesh
- Method 3 – Quick tetra mesh

[DAY: 5]

MODULE V: Assemblies (5 Hrs)

Welding and Swapping Parts

- Spot Connectors
- Area Connectors
- Bolt Connectors
- Part Connectors

Department of Mechatronics

Value Added Course – Hyper Mesh/ Hyper View Introduction

Schedule: 20/11/2017 to 24/11/2017

Sl. No	Date	MODULE	TOPIC
1	20/11/2017	MODULE 1	Introduction to Hyper Mesh
2	21/11/2017	MODULE 1I	Preparing Models for Analysis
3	22/11/20217	MODULE 1II	Creating Hexa and Penta Mesh
4	23/11/2017	MODULE 1V	Tetra Meshing
5	24/011/2017	MODULE V	Assemblies



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Value Added Course - Hyper Mesh/ Hyper View Introduction

PARTICIPANTS LIST

S.No	Reg.No	Name	Department
1.	U16AM001	RAMACHANDRAN M	Automobile Engineering
2.	U16AM002	LIBIN BOBBY	Automobile Engineering
3.	U16AM005	VASANTHKUMAR R	Automobile Engineering
4.	U16AM014	KARMUGILAN V	Automobile Engineering
5.	U16AM008	PALAPANDALA	Automobile Engineering
6.	U16AM012	MOHAMED IMTHIAZ	Automobile Engineering
7.	U16AM017	AMAL PHILIP GEORGE	Automobile Engineering
8.	U16MT001	PRADEEPAN S	Mechatronics
9.	U16MT002	RAAHUL GANESH R	Mechatronics
10.	U16MT003	DINESH J	Mechatronics
11.	U16MT004	SRINATH B	Mechatronics
12.	U16MT005	DHANASEKAR R	Mechatronics
13.	U16MT006	GOUTHAM M	Mechatronics
14.	U16MT007	SATHIYASEELAN S	Mechatronics

15.	U16MT008	RAKESH P	Mechatronics
16.	U16MT009	ABDUL FAHEEM S	Mechatronics
17.	U16MT702	CHIRANJEEVI	Mechatronics
18.	U16MT703	VIGNESH	Mechatronics
19.	U16MT704	AJITH	Mechatronics
20.	U19ME011	ANTONY MICHEAL RAJ D	Mechanical Engineering
21.	U19ME014	ASHKIN JEBA G	Mechanical Engineering
22.	U19ME016	BAJJANAGARI NICHITH REDDY	Mechanical Engineering
23.	U19ME040	GOKUL R	Automobile Engineering
24.	U19ME055	K PRANAY	Automobile Engineering
25.	U19ME059	KANAPARTHI SAI MANEESH CHOWDARY	Automobile Engineering
26.	U19ME060	KANDUKURI VENKATA RAMANA	Automobile Engineering
27.	U19ME062	KANKANALA KEERAVANI	Mechanical Engineering
28.	U19ME069	KOTHAPALLI SAI RAM	Mechanical Engineering
29.	U19ME070	KOUDAGANI VISHNU	Mechanical Engineering
30.	U19ME072	KUMMITHA NARENDRA REDDY	Mechanical Engineering
31.	U19ME118	RAPAKA DAVID GABRIEL	Mechanical Engineering
32.	U19ME122	RITHISH G	Mechanical Engineering
33.	U19ME132	TARUN REDDY SAMA	Mechanical Engineering
34.	U19ME140	VANGALA NAVEEN KUMAR REDDY	Mechanical Engineering
35.	U19ME141	VEERAMALLU JSG AADITHYAA	Mechanical Engineering
36.	U19ME142	VELPURI HEMANTH KUMAR	Mechanical Engineering

37.	U19ME145	VIRIGINENI HARINADH	Mechanical Engineering
38.	U19ME146	XAVIER SANTHOSH P	Mechanical Engineering
39.	U19ME069	KOTHAPALLI SAI RAM	Mechanical Engineering
40.	U16ME082	HARISH	Mechanical Engineering
41.	U16ME087	ANAND KUMAR	Mechanical Engineering
42.	U16ME093	MACHUNURU PRASAD KUMAR	Mechanical Engineering
43.	U16ME094	GOPAL KUMAR	Mechanical Engineering
44.	U16ME098	PRAJEESH S NAIR	Mechanical Engineering
45.	U16ME100	NAGIREDDY AJAYKUMAR	Mechanical Engineering
46.	U16ME101	VIJAY	Mechanical Engineering
47.	U16ME104	MULLAGURA BHARATH KUMAR	Mechanical Engineering
48.	U16ME105	CHALLA CHARANKUMAR	Mechanical Engineering
49.	U16ME106	RAJEEV KUMAR	Mechanical Engineering
50.	U16ME107	MANOJ	Mechanical Engineering
51.	U16ME113	PYNKHLAINBORLANG	Mechanical Engineering
52.	U16ME115	GUNA	Mechanical Engineering
53.	U16ME119	PALAPALA	Mechanical Engineering



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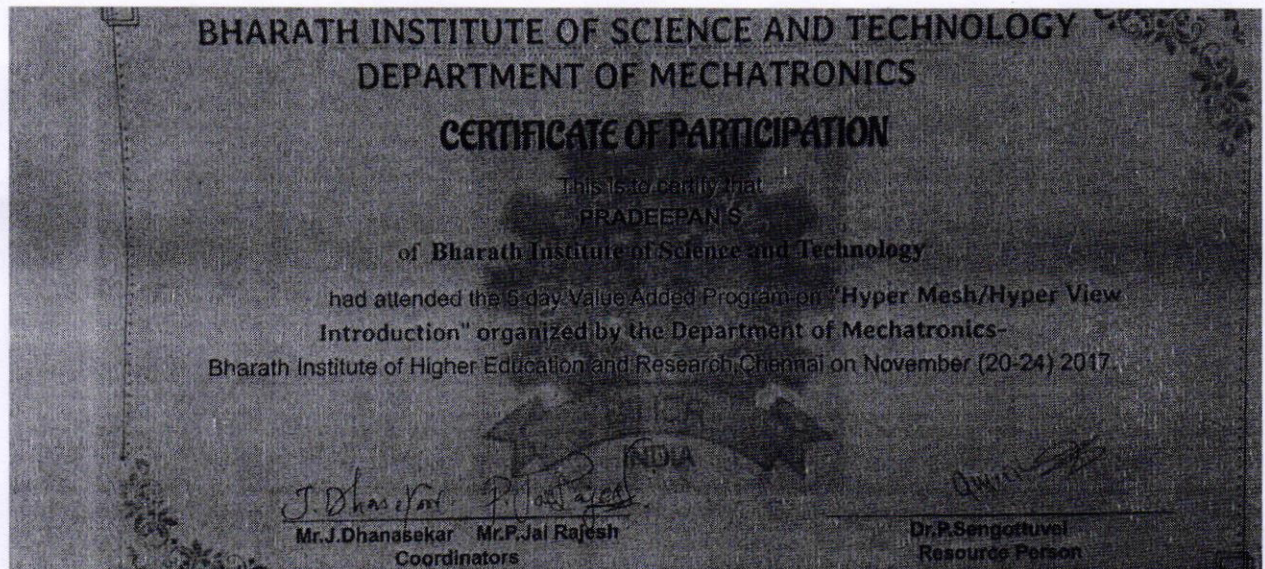
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Value Added Course – Hyper Mesh/ Hyper View Introduction



Mr. Uday Shankar Prabhu's addressing the students regarding the programme.

Model Certificate



Feedback Form

Criteria	Strongly Agree(3)	Agree (2)	Disagree (1)
Training was relevant to my needs	✓		
Materials Provided were useful	✓		
Length of training program was sufficient	✓		
Contents was well organized		✓	
Question were engaged	✓		
Instruction were clear and understandable	✓		
Training met my expectation		✓	
Presentation were effective	✓		

Feedback Form

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