Ref. No. coet/mech/_____ Date: 4th March, 2024

ADD-ONJ-COURSE (Introduction to HyperMesh)

Sr. No.	Date	Time	Topics	Faculty Member
1	18/03/2024	10:45 am-11.:30 am	Introduction, Terminology used in FEA	DCT
2		11:40 am-12.:30 pm	Information about Meshing, Types of Elements, Boundary conditions, Types of analysis, Applications of FEA.	
3		12:40 pm- 01:40 pm	Installation Hypermesh Software	
4		02:15 pm-03:15 pm	**Hans-On Training**	Dr. PMS
5		03:25 pm- 04:25 pm		
6		04:35 pm- 05:30 pm		
Sr. No.	**Date**	**Time**	**Topics**	**Faculty Member**
7	19/03/2024	10:45 am-11.:30 am	Menu bars, tool bars, shortcuts	DCT
8		11:40 am-12.:30 pm	**Geometry:** - Create Node, Node edit, Temp Nodes, Distance, Dimensioning, Points	
9		12:40 pm- 01:40 pm	**Geometry:** - Lines, Line edit, Length, Delete Mask	
10		02:15 pm-03:15 pm	**Hans-On Training**	Dr. PMS
11		03:25 pm- 04:25 pm		
12		04:35 pm- 05:30 pm		
Sr. No.	**Date**	**Time**	**Topics**	**Faculty Member**
13	20/03/2024	10:45 am-11.:30 am	**Geometry:** - Surface & Surface edit, Normals, Translate, Rotate	DCT
14		11:40 am-12.:30 pm	**MID-Surface Extraction:** - Auto-Midsurface Extraction, Surface Pairing, De-featuring Quick edit	
15		12:40 pm- 01:40 pm	**Geometry Clean-up:** -Surface Edges, Visualization tool bar, Display tool bar, clean up using quick edit	
16		02:15 pm-03:15 pm	**Hans-On Training**	Dr. PMS
17		03:25 pm- 04:25 pm		
18		04:35 pm- 05:30 pm		
Sr. No.	**Date**	**Time**	**Topics**	**Faculty Member**
19	21/03/2024	10:45 am-11.:30 am	Introduction to Meshing, Types of collectors, Auto-Meshing (Size & Biasing) Density and mesh style	DCT
20		11:40 am-12.:30 pm	Mesh Connectivity, Replace & Remeshing, Current and surface comps	
21		12:40 pm- 01:40 pm	**2D Mesh Quality:** - Quality criteria, Warpage, Aspect ratio, Jacobian, Skew, Reducing Trias percentage,	
22		02:15 pm-03:15 pm	**Hans-On Training**	Dr. PMS
23		03:25 pm- 04:25 pm		
24		04:35 pm- 05:30 pm		

Sr. No.	**Date**	**Time**	**Topics**	**Faculty Member**
25	22/03/2024	10:45 am-11.:30 am	**Manual Meshing:** -Ruled, Spline, Skin, Drag, Spin, line drag, element offset	DCT
26		11:40 am-12.:30 pm	**Mesh Edit:** - Edit Elements, find entities, Organize Entities, Project, Position, Normals, Scale	
27		12:40 pm- 01:40 pm	**TOOLS:** - Color, Rename, Detach Order Change, Number and Mass Calculation	
28		02:15 pm-03:15 pm	**Hans-On Training**	Dr. PMS
29		03:25 pm- 04:25 pm		
30		04:35 pm- 05:30 pm		
Sr. No.	**Date**	**Time**	**Topics**	**Faculty Member**
31	23/03/2024	10:45 am-11.:30 am	**Linear Meshing:** - Introduction to Analysis	DCT
32		11:40 am-12.:30 pm	Create Collectors, Material properties	
33		12:40 pm- 01:40 pm	Card edit, Loads Constraints, Load steps	
34		02:15 pm-03:15 pm	**Hans-On Training**	Dr. PMS
35		03:25 pm- 04:25 pm		
36		04:35 pm- 05:30 pm		

Mr. D.C. Talele
Course Coordinator

Dr. P.M. Solanki
Course Coordinator

Dr. P.G. Damle
Head, Dept. of Mech. Engg.

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NOTICE

All Students of T.E. & B.E. Mechanical Engineering are hereby informed that the ADD-On Course on the Topic "Introduction to Hypermesh is arranged by Mechanical Engineering Department for the students in semester-II of academic year 2023-2024. The schedule and details of programme is enclosed with the notice.

Mr. D.C. Talele	**Dr. P.M. Solanki**	**Dr. P.G. Damle**
Course Coordinator	Course Coordinator	Head, Dept. of Mech. Engg.