

MCADD COURSE STRUCTURE

S.No	Course code	Software used	Duration(Hrs)
MCADD Xpress			
1	MECH17XP01	AutoCAD 2D + Design Visualization.Pro + Creo Parametric Institutional Training	120
2	MECH17XP02	ARES Commander + Creo Parametric Institutional Training	96
PG Diploma in Mechanical CADD			
3	MCADD PG02	AutoCAD 2D (mechanical) + GD & T + Creo Parametric + Autodesk inventor + Ansys + CATIA V5 + SolidWorks + NX CAD + NX NASTRAN	640
Master Diploma in Product Design and Analysis			
4	MCADD MD40	CATIA V5 + NX CAD + NX CAM + Ansys + PPM Concepts + MSP 2010 (mechanical) + GD & T	360
5	MCADD MD41	CATIA V5 + SolidWorks + Ansys + PPM Concepts + MSP 2010 (mechanical) + GD & T	320
6	MCADD MD43	SolidWorks + NX CAD + NX CAM + Ansys + PPM Concepts + MSP 2010 (mechanical) + GD & T	360
7	MCADD MD69	GD & T + CATIA V5 + NX CAD + NX CAM + PPM Concepts + MSP 2010 (mechanical) + NX NASTRAN	360
8	MCADD MD70	GD & T + CATIA V5 + SolidWorks + PPM Concepts + MSP 2010 (mechanical) + NX NASTRAN	320
9	MCADD MD72	GD & T + SolidWorks + NX CAD + NX CAM + PPM Concepts + MSP 2010 (mechanical) + NX NASTRAN	360
10	MCADD MD78	GD & T + CATIA V5 + NX CAD + PPM Concepts + MSP 2010 (mechanical) + HyperMesh + NX NASTRAN	360
11	MCADD MD100	AutoCAD 2D + Creo Parametric Institutional Training + Ansys + SolidWorks + PPM Concepts + MSP 2010 (mechanical) + GD & T	384
12	MCADD MD102	AutoCAD 2D + Creo Parametric Institutional Training + SolidWorks + PPM Concepts + MSP 2010 (mechanical) + GD & T + NX NASTRAN	384
13	MCADD MD104	AutoCAD 2D + CATIA V5 + SolidWorks + Ansys + PPM Concepts + MSP 2010 (mechanical) + GD & T	384
14	MCADD MD106	AutoCAD 2D + CATIA V5 + SolidWorks + PPM Concepts + MSP 2010 (mechanical) + GD & T + NX NASTRAN	384
15	MCADD MD110	AutoCAD 2D + SolidWorks + NX CAD + NX CAM + Ansys + PPM Concepts + MSP 2010 (mechanical) + GD & T	424
16	MCADD MD111	AutoCAD 2D + SolidWorks + NX CAD + NX CAM + PPM Concepts + MSP 2010 (mechanical) + GD & T + NX NASTRAN	424
17	MCADD MD112	Creo Parametric Institutional Training + CATIA V5 + Ansys + PPM Concepts + MSP 2010 (mechanical) + GD & T + HyperMesh	360
18	MCADD MD114	Creo Parametric Institutional Training + CATIA V5 + Ansys + PPM Concepts + MSP 2010 (mechanical) + GD & T	320
19	MCADD MD116	Creo Parametric Institutional Training + CATIA V5 + PPM Concepts + MSP 2010 (mechanical) + GD & T + NX NASTRAN	320
20	MCADD MD117	Creo Parametric Institutional Training + CATIA V5 + SolidWorks + NX CAD + NX CAM + Ansys + GD & T	456
21	MCADD MD118	Creo Parametric Institutional Training + CATIA V5 + SolidWorks + NX CAD + NX CAM + GD & T + NX NASTRAN	456
22	MCADD MD119	Creo Parametric Institutional Training + NX CAD + PPM Concepts + MSP 2010 (mechanical) + GD & T + HyperMesh + NX NASTRAN	360
23	MCADD MD121	Creo Parametric Institutional Training + NX CAD + NX CAM + Ansys + PPM Concepts + MSP 2010 (mechanical) + GD & T	360
24	MCADD MD123	Creo Parametric Institutional Training + NX CAD + NX CAM + PPM Concepts + MSP 2010 (mechanical) + GD & T + NX NASTRAN	360
25	MCADD MD124	Creo Parametric Institutional Training + SolidWorks + Ansys + PPM Concepts + MSP 2010 (mechanical) + GD & T	320
26	MCADD MD126	Creo Parametric Institutional Training + SolidWorks + PPM Concepts + MSP 2010 (mechanical) + GD & T + NX NASTRAN	320
27	MCADD MD82	AutoCAD 2D + Creo Parametric Institutional Training + Ansys + PPM Concepts + MSP 2010 (mechanical) + GD & T	304
28	MCADD MD83	AutoCAD 2D + Creo Parametric Institutional Training + CATIA V5 + Ansys + GD & T	320
29	MCADD MD84	AutoCAD 2D + Creo Parametric Institutional Training + SolidWorks + Ansys + GD & T	320
30	MCADD MD85	AutoCAD 2D + CATIA V5 + NX CAD + GD & T + NX NASTRAN	320
31	MCADD MD86	AutoCAD 2D + CATIA V5 + SolidWorks + Ansys + GD & T	320
32	MCADD MD87	AutoCAD 2D + CATIA V5 + NX CAD + NX CAM + Ansys + PPM Concepts + MSP 2010 (mechanical) + GD & T	424
33	MCADD MD89	AutoCAD 2D + CATIA V5 + NX CAD + NX CAM + PPM Concepts + MSP 2010 (mechanical) + GD & T + NX NASTRAN	424
34	MCADD MD91	AutoCAD 2D + Creo Parametric Institutional Training + CATIA V5 + PPM Concepts + MSP 2010 (mechanical) + GD & T + NX NASTRAN	384
35	MCADD MD92	AutoCAD 2D + Creo Parametric Institutional Training + NX CAD + NX CAM + Ansys + PPM Concepts + MSP 2010 (mechanical) + GD & T	424
36	MCADD MD93	AutoCAD 2D + Creo Parametric Institutional Training + NX CAD + NX CAM + PPM Concepts + MSP 2010 (mechanical) + GD & T + NX NASTRAN	424
37	MCADD MD96	AutoCAD 2D + Creo Parametric Institutional Training + CATIA V5 + SolidWorks + NX CAD + NX CAM + Ansys + GD & T	520

38	MCADD MD97	AutoCAD 2D + Creo Parametric Institutional Training + CATIA V5 + SolidWorks + NX CAD + NX CAM + GD & T + NX NASTRAN	520
39	MCADD MD134	AutoCAD 2D + GD & T + Ansys + 3D Printing + CATIA V5 + SolidWorks + CATIA Kinematics + Reverse Engineering using CATIA	408
40	MCADD MD135	AutoCAD 2D + GD & T + Ansys + 3D Printing + CATIA V5 + SolidWorks + Ansys Fluent	384
41	MCADD MD136	AutoCAD 2D + GD & T + Ansys + 3D Printing + CATIA V5 + Ansys Fluent	304
42	MCADD MD138	AutoCAD 2D + GD & T + Creo Parametric + Ansys + CATIA V5 + PPM Concepts + MSP 2010 (mechanical)	384
43	MCADD MD139	AutoCAD 2D + GD & T + NX CAD + Nastran + PPM Concepts + MSP 2010	304
Master Diploma in Automotive Design			
44	MCADD MD81	Creo Parametric Institutional Training + CATIA V5 + NX CAD + NX CAM + Ansys + GD & T + HyperMesh + NX NASTRAN + Overview of Automotive Design	504
45	MCADD MD128	GD & T + Creo Parametric + Ansys + CATIA V5 + NX CAD + NX CAM + NX NASTRAN + Overview of Automotive Design	461
46	MCADD MD130	Creo Parametric Institutional Training + SolidWorks + NX CAD + NX CAM + Ansys + GD & T + NX NASTRAN + Overview of Automotive Design	464
47	MCADD MD131	Creo Parametric Institutional Training + SolidWorks + NX CAD + NX CAM + Ansys + GD & T + HyperMesh + NX NASTRAN + Overview of Automotive Design	504
Master Diploma in Aerospace Design			
48	MCADD MD80	Creo Parametric Institutional Training + CATIA V5 + NX CAD + NX CAM + Ansys + GD & T + HyperMesh + Overview of Aerospace Design + NX NASTRAN	504
49	MCADD MD129	Creo Parametric Institutional Training + CATIA V5 + NX CAD + NX CAM + Ansys + GD & T + Overview of Aerospace Design + NX NASTRAN	464
50	MCADD MD133	Creo Parametric Institutional Training + SolidWorks + NX CAD + NX CAM + Ansys + GD & T + HyperMesh + Overview of Aerospace Design + NX NASTRAN	504
51	MCADD MD132	Creo Parametric Institutional Training + SolidWorks + NX CAD + NX CAM + Ansys + GD & T + Overview of Aerospace Design + NX NASTRAN	464
Professional in Product Design			
52	MCADD P30	CATIA V5 + SolidWorks + NX CAD + GD & T	256
53	MCADD P62	AutoCAD 2D + CATIA V5 + NX CAD + GD & T	240
54	MCADD P63	AutoCAD 2D + CATIA V5 + SolidWorks + GD & T	240
55	MCADD P64	AutoCAD 2D + SolidWorks + NX CAD + GD & T	240
56	MCADD P65	AutoCAD 2D + Creo Parametric Institutional Training + CATIA V5 + GD & T	240
57	MCADD P66	AutoCAD 2D + Creo Parametric Institutional Training + NX CAD + GD & T	240
58	MCADD P67	AutoCAD 2D + Creo Parametric Institutional Training + SolidWorks + GD & T	240
59	MCADD P77	Creo Parametric Institutional Training + CATIA V5 + NX CAD + GD & T	256
60	MCADD P78	Creo Parametric Institutional Training + CATIA V5 + SolidWorks + GD & T	256
61	MCADD P79	Creo Parametric Institutional Training + SolidWorks + NX CAD + GD & T	256
62	MCADD D57	AutoCAD 2D + Autodesk inventor + Ansys	224
63	MCADD P95	3D Printing + CATIA V5 + Reverse Engineering using CATIA	144
64	MCADD P98	AutoCAD 2D + SolidWorks 2009 + GD & T + SolidWorks Motion	200
Professional in Product Design and Analysis			
65	MCADD P38	CATIA V5 + NX CAD + Ansys + GD & T	256
66	MCADD P39	CATIA V5 + SolidWorks + Ansys + GD & T	256
67	MCADD P40	SolidWorks + NX CAD + Ansys + GD & T	256
68	MCADD P50	GD & T + CATIA V5 + SolidWorks + NX NASTRAN	256
69	MCADD P51	GD & T + SolidWorks + NX CAD + NX NASTRAN	256
70	MCADD P53	GD & T + CATIA V5 + Ansys + NX NASTRAN	256
71	MCADD P54	NX CAD + Ansys + GD & T + NX NASTRAN	256
72	MCADD P55	GD & T + SolidWorks + Ansys + NX NASTRAN	256
73	MCADD P57	GD & T + Ansys + CATIA V5 + HyperMesh	216
74	MCADD P58	GD & T + NX CAD + HyperMesh + NX NASTRAN	216
75	MCADD P60	GD & T + SolidWorks + Ansys + HyperMesh	216
76	MCADD P80	AutoCAD 2D + Creo Parametric Institutional Training + Ansys + GD & T	240
77	MCADD P81	Nastran + CATIA V5 + GD & T + HyperMesh	216
78	MCADD P82	Creo Parametric Institutional Training + CATIA V5 + Ansys + GD & T	256
79	MCADD P83	Creo Parametric Institutional Training + Nastran + CATIA V5 + GD & T	256
80	MCADD P84	Creo Parametric Institutional Training + NX CAD + Ansys + GD & T	256
81	MCADD P85	Creo Parametric Institutional Training + NX CAD + GD & T + NX NASTRAN	256
82	MCADD P86	Creo Parametric Institutional Training + Nastran + Ansys + GD & T	256
83	MCADD P87	Creo Parametric Institutional Training + SolidWorks + Ansys + GD & T	256
84	MCADD P88	Creo Parametric Institutional Training + Nastran + SolidWorks + GD & T	256
85	MCADD P89	Creo Parametric Institutional Training + Ansys + GD & T + HyperMesh	216
86	MCADD P90	Creo Parametric Institutional Training + Nastran + GD & T + HyperMesh	216
87	MCADD P91	Nastran + SolidWorks + GD & T + HyperMesh	216
88	MCADD P68	AutoCAD 2D + Ansys + CATIA V5 + GD & T	240
89	MCADD P69	AutoCAD 2D + Nastran + CATIA V5 + GD & T	240
90	MCADD P70	AutoCAD 2D + Ansys + NX CAD + GD & T	240
91	MCADD P71	AutoCAD 2D + Nastran + NX CAD + GD & T	240
92	MCADD P73	AutoCAD 2D + GD & T + Ansys + SolidWorks	240
93	MCADD P74	AutoCAD 2D + Nastran + SolidWorks + GD & T	240
94	MCADD P72	AutoCAD 2D + Creo Parametric Institutional Training + GD & T + NX NASTRAN	240
95	MCADD P96	Ansys + CATIA V5 + Ansys Fluent	200
96	MCADD P97	SolidWorks + Ansys + Ansys Fluent	200

Professional in NX			
97	MCADD P56	GD & T + NX CAD + NX CAM + NX NASTRAN	216
Professional in MEP Design			
98	MCADD P92	AutoCAD 2D + Revit MEP + PPM Concepts + MSP 2010 (mechanical)	208
Professional Course on Plant Design and Management			
99	MCADD P75	AutoCAD 2D + Plant Design Management System(PDMS) + PPM Concepts + MSP 2010 (mechanical)	208
Professional in CATIA			
100	MCADD P94	CATIA V5 + CATIA Kinematics + Reverse Engineering using CATIA	144
Diploma in Product Design and Analysis			
101	MCADD D32	CATIA V5 + Ansys + GD & T	176
102	MCADD D33	SolidWorks + Ansys + GD & T	176
103	MCADD D34	NX CAD + Ansys + GD & T	176
104	MCADD D40	CATIA V5 + GD & T + NX NASTRAN	176
105	MCADD D41	SolidWorks + GD & T + NX NASTRAN	176
106	MCADD D42	NX CAD + GD & T + NX NASTRAN	176
107	MCADD D54	Creo Parametric Institutional Training + Ansys + GD & T	176
108	MCADD D55	Creo Parametric Institutional Training + GD & T + NX NASTRAN	176
Diploma in Product Design			
109	MCADD D28	CATIA V5 + NX CAD + GD & T	176
110	MCADD D29	CATIA V5 + SolidWorks + GD & T	176
111	MCADD D30	SolidWorks + NX CAD + GD & T	176
112	MCADD D47	AutoCAD 2D + CATIA V5 + GD & T	160
113	MCADD D48	AutoCAD 2D + Creo Parametric Institutional Training + GD & T	160
114	MCADD D49	AutoCAD 2D + NX CAD + GD & T	160
115	MCADD D50	AutoCAD 2D + SolidWorks + GD & T	160
116	MCADD D51	Creo Parametric Institutional Training + CATIA V5 + GD & T	176
117	MCADD D52	Creo Parametric Institutional Training + NX CAD + GD & T	176
118	MCADD D53	Creo Parametric Institutional Training + SolidWorks + GD & T	176
119	MCADD D56	AutoCAD 2D + Autodesk inventor	144
120	MCADD D64	3D Printing + SolidWorks	104
121	MCADD D65	Creo Parametric Institutional Training + 3D Printing	104
122	MCADD D63	SolidWorks 2009 + GD & T + SolidWorks Motion	136
Diploma in CAE			
123	MCADD D44	Ansys + HyperMesh	120
124	MCADD D45	Nastran + HyperMesh	120
Diploma in MEP Design			
125	MCADD D58	AutoCAD 2D + Revit MEP	144
Diploma Course on Plant Design			
126	MCADD D46	AutoCAD 2D + Plant Design Management System(PDMS)	144
Diploma in AutoCAD			
127	MCADD D43	AutoCAD 2D + AutoCAD 3D (mechanical)	104
Diploma in NX			
128	MCADD D37	NX CAD + NX CAM + GD & T	136
Diploma in CAED			
129	MCADD D59	Microstation + AutoCAD 2D	80
Diploma in CATIA			
130	MCADD D60	CATIA V5 + CATIA Kinematics	104
131	MCADD D61	CATIA V5 + Reverse Engineering using CATIA	120
Diploma in ANSYS			
132	MCADD D62	Ansys + Ansys Fluent	120
Course on NX CAM			
133	MCADD Spl05	NX CAM	40
Course on HyperMesh			
134	MCADD spl07	HyperMesh	40
Course on Plant Design using PDMS			
135	MCADD spl09	Plant Design Management System(PDMS)	80
Course on AutoCAD 2D			
136	MCADD F26	AutoCAD 2D Theory	32
137	MCADD F27	AutoCAD 2D	64
Course on AutoCAD 3D			
138	MCADD F28	AutoCAD 3D	40
Course on GD & T			
139	MCADD F29	GD & T	16
Course on ANSYS			
140	MCADD F30	Ansys	80
Course on SolidWorks			
141	MCADD F32	SolidWorks 2009 + GD & T	96
Course on CATIA			
142	MCADD F33	CATIA V5 + GD & T	96
Course on NX CAD			
143	MCADD F34	GD & T + NX CAD	96
Course on NX NASTRAN			
144	MCADD F35	Nastran	80

Course on Creo Parametric			
145	MCADD F38	GD & T + Creo Parametric	96
Course on ANSYS Fluent			
146	MCADD spl 14	Ansys Fluent	40
Course on Creo Simulate			
147	MCADD spl 16	Creo Simulate	40
Course on SolidWorks Motion			
148	MCADD spl 15	SolidWorks Motion	40
Course on 3D Printing			
149	MCADD spl 13	3D Printing	24
Course on Inventor			
150	MCADD F40	Autodesk inventor	80
Course on CATIA Kinematics			
151	MCADD spl11	CATIA Kinematics	24
Course on Reverse Engineering using CATIA			
152	MCADD spl12	Reverse Engineering using CATIA	40

FOUNDATION CAD

S.No	Course code	Software used	Duration(Hrs)
Course on ARES Commander			
1	AEC F55	ARES Commander	24

SPECIAL COURSE

S.No	Course code	Software used	Duration(Hrs)
Course on 3D Printing			
1	AM F01	3D Printing	24