

MCADD COURSE STRUCTURE

S.No	Course code	Software used	Duration
Master Diploma in Product Design and Analysis			
1	MCADD MD40	CATIA V5 +NX CAD +NX CAM +Ansys +PPM Concepts +MSP 2010 (mechanical)+GD & T	360
2	MCADD MD41	CATIA V5 +SolidWorks +Ansys +PPM Concepts +MSP 2010 (mechanical)+GD & T	320
3	MCADD MD43	SolidWorks +NX CAD +NX CAM +Ansys +PPM Concepts +MSP 2010 (mechanical)+GD & T	360
4	MCADD MD69	GD & T +CATIA V5 +NX CAD +NX CAM +PPM Concepts +MSP 2010 (mechanical)+NX NASTRAN	360
5	MCADD MD70	GD & T +CATIA V5 +SolidWorks +PPM Concepts +MSP 2010 (mechanical)+NX NASTRAN	320
6	MCADD MD72	GD & T +SolidWorks +NX CAD +NX CAM +PPM Concepts +MSP 2010 (mechanical)+NX NASTRAN	360
7	MCADD MD78	GD & T +CATIA V5 +NX CAD +PPM Concepts +MSP 2010 (mechanical)+Hypermesh +NX NASTRAN	360
8	MCADD MD100	AutoCAD 2D +Creo +Ansys +SolidWorks +PPM Concepts +MSP 2010 (mechanical)+GD & T	384
9	MCADD MD102	AutoCAD 2D +Creo +SolidWorks +PPM Concepts +MSP 2010 (mechanical)+GD & T +NX NASTRAN	384
10	MCADD MD104	AutoCAD 2D +CATIA V5 +SolidWorks +Ansys +PPM Concepts +MSP 2010 (mechanical)+GD & T	384
11	MCADD MD106	AutoCAD 2D +CATIA V5 +SolidWorks +PPM Concepts +MSP 2010 (mechanical)+GD & T +NX NASTRAN	384
12	MCADD MD110	AutoCAD 2D +SolidWorks +NX CAD +NX CAM +Ansys +PPM Concepts +MSP 2010 (mechanical)+GD & T	424
13	MCADD MD111	AutoCAD 2D +SolidWorks +NX CAD +NX CAM +PPM Concepts +MSP 2010 (mechanical)+GD & T +NX NASTRAN	424
14	MCADD MD112	Creo +CATIA V5 +Ansys +PPM Concepts +MSP 2010 (mechanical)+GD & T +Hypermesh	360
15	MCADD MD114	Creo +CATIA V5 +Ansys +PPM Concepts +MSP 2010 (mechanical)+GD & T	320
16	MCADD MD116	Creo +CATIA V5 +PPM Concepts +MSP 2010 (mechanical)+GD & T +NX NASTRAN	320
17	MCADD MD117	Creo +CATIA V5 +SolidWorks +NX CAD +NX CAM +Ansys +GD & T	456
18	MCADD MD118	Creo +CATIA V5 +SolidWorks +NX CAD +NX CAM +GD & T +NX NASTRAN	456
19	MCADD MD119	Creo +NX CAD +PPM Concepts +MSP 2010 (mechanical)+GD & T +Hypermesh +NX NASTRAN	360

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20	MCADD MD121	Creo +NX CAD +NX CAM +Ansys +PPM Concepts +MSP 2010 (mechanical)+GD & T	360
21	MCADD MD123	Creo +NX CAD +NX CAM +PPM Concepts +MSP 2010 (mechanical)+GD & T +NX NASTRAN	360
22	MCADD MD124	Creo +SolidWorks +Ansys +PPM Concepts +MSP 2010 (mechanical)+GD & T	320
23	MCADD MD126	Creo +SolidWorks +PPM Concepts +MSP 2010 (mechanical)+GD & T +NX NASTRAN	320
24	MCADD MD82	AutoCAD 2D +Creo +Ansys +PPM Concepts +MSP 2010 (mechanical)+GD & T	304
25	MCADD MD83	AutoCAD 2D +Creo +CATIA V5 +Ansys +GD & T	320
26	MCADD MD84	AutoCAD 2D +Creo +SolidWorks +Ansys +GD & T	320
27	MCADD MD85	AutoCAD 2D +CATIA V5 +NX CAD +GD & T +NX NASTRAN	320
28	MCADD MD86	AutoCAD 2D +CATIA V5 +SolidWorks +Ansys +GD & T	320
29	MCADD MD87	AutoCAD 2D +CATIA V5 +NX CAD +NX CAM +Ansys +PPM Concepts +MSP 2010 (mechanical)+GD & T	424
30	MCADD MD89	AutoCAD 2D +CATIA V5 +NX CAD +NX CAM +PPM Concepts +MSP 2010 (mechanical)+GD & T +NX NASTRAN	424
31	MCADD MD91	AutoCAD 2D +Creo +CATIA V5 +PPM Concepts +MSP 2010 (mechanical)+GD & T +NX NASTRAN	384
32	MCADD MD92	AutoCAD 2D +Creo +NX CAD +NX CAM +Ansys +PPM Concepts +MSP 2010 (mechanical)+GD & T	424
33	MCADD MD93	AutoCAD 2D +Creo +NX CAD +NX CAM +PPM Concepts +MSP 2010 (mechanical)+GD & T +NX NASTRAN	424
34	MCADD MD96	AutoCAD 2D +Creo +CATIA V5 +SolidWorks +NX CAD +NX CAM +Ansys +GD & T	520
35	MCADD MD97	AutoCAD 2D +Creo +CATIA V5 +SolidWorks +NX CAD +NX CAM +GD & T +NX NASTRAN	520
Master Diploma in Automotive Design			
36	MCADD MD81	Creo +CATIA V5 +NX CAD +NX CAM +Ansys +GD & T +Hypermesh +NX NASTRAN +Overview of Automotive Design	504
37	MCADD MD128	Creo +CATIA V5 +NX CAD +NX CAM +Ansys +GD & T +NX NASTRAN +Overview of Automotive Design	464
38	MCADD MD130	Creo +SolidWorks +NX CAD +NX CAM +Ansys +GD & T +NX NASTRAN +Overview of Automotive Design	464
39	MCADD MD131	Creo +SolidWorks +NX CAD +NX CAM +Ansys +GD & T +Hypermesh +NX NASTRAN +Overview of Automotive Design	504

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Master Diploma in Aerospace Design			
40	MCADD MD80	Creo +CATIA V5 +NX CAD +NX CAM +Ansys +GD & T +Hypermesh +Overview of Aerospace Design +NX NASTRAN	504
41	MCADD MD129	Creo +CATIA V5 +NX CAD +NX CAM +Ansys +GD & T +Overview of Aerospace Design +NX NASTRAN	464
42	MCADD MD133	Creo +SolidWorks +NX CAD +NX CAM +Ansys +GD & T +Hypermesh +Overview of Aerospace Design +NX NASTRAN	504
43	MCADD MD132	Creo +SolidWorks +NX CAD +NX CAM +Ansys +GD & T +Overview of Aerospace Design +NX NASTRAN	464
Professional in Product Design			
44	MCADD P30	CATIA V5 +SolidWorks +NX CAD +GD & T	256
45	MCADD P62	AutoCAD 2D +CATIA V5 +NX CAD +GD & T	240
46	MCADD P63	AutoCAD 2D +CATIA V5 +SolidWorks +GD & T	240
47	MCADD P64	AutoCAD 2D +SolidWorks +NX CAD +GD & T	240
48	MCADD P65	AutoCAD 2D +Creo +CATIA V5 +GD & T	240
49	MCADD P66	AutoCAD 2D +Creo +NX CAD +GD & T	240
50	MCADD P67	AutoCAD 2D +Creo +SolidWorks +GD & T	240
51	MCADD P77	Creo +CATIA V5 +NX CAD +GD & T	256
52	MCADD P78	Creo +CATIA V5 +SolidWorks +GD & T	256
53	MCADD P79	Creo +SolidWorks +NX CAD +GD & T	256
54	MCADD D57	AutoCAD 2D +Autodesk inventor +Ansys	224
Professional in Product Design and Analysis			
55	MCADD P38	CATIA V5 +NX CAD +Ansys +GD & T	256
56	MCADD P39	CATIA V5 +SolidWorks +Ansys +GD & T	256
57	MCADD P40	SolidWorks +NX CAD +Ansys +GD & T	256

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58	MCADD P50	GD & T +CATIA V5 +SolidWorks +NX NASTRAN	256
59	MCADD P51	GD & T +SolidWorks +NX CAD +NX NASTRAN	256
60	MCADD P53	GD & T +CATIA V5 +Ansys +NX NASTRAN	256
61	MCADD P54	NX CAD +Ansys +GD & T +NX NASTRAN	256
62	MCADD P55	GD & T +SolidWorks +Ansys +NX NASTRAN	256
63	MCADD P57	GD & T +Ansys +CATIA V5 +Hypermesh	216
64	MCADD P58	GD & T +NX CAD +Hypermesh +NX NASTRAN	216
65	MCADD P60	GD & T +SolidWorks +Ansys +Hypermesh	216
66	MCADD P80	AutoCAD 2D +Creo +Ansys +GD & T	240
67	MCADD P81	Nastran +CATIA V5 +GD & T +Hypermesh	216
68	MCADD P82	Creo +CATIA V5 +Ansys +GD & T	256
69	MCADD P83	Creo +Nastran +CATIA V5 +GD & T	256
70	MCADD P84	Creo +NX CAD +Ansys +GD & T	256
71	MCADD P85	Creo +NX CAD +GD & T +NX NASTRAN	256
72	MCADD P86	Creo +Nastran +Ansys +GD & T	256
73	MCADD P87	Creo +SolidWorks +Ansys +GD & T	256
74	MCADD P88	Creo +Nastran +SolidWorks +GD & T	256
75	MCADD P89	Creo +Ansys +GD & T +Hypermesh	216
76	MCADD P90	Creo +Nastran +GD & T +Hypermesh	216
77	MCADD P91	Nastran +SolidWorks +GD & T +Hypermesh	216
78	MCADD P68	AutoCAD 2D +Ansys +CATIA V5 +GD & T	240

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79	MCADD P69	AutoCAD 2D +Nastran +CATIA V5 +GD & T	240
80	MCADD P70	AutoCAD 2D +Ansys +NX CAD +GD & T	240
81	MCADD P71	AutoCAD 2D +Nastran +NX CAD +GD & T	240
82	MCADD P73	AutoCAD 2D +Ansys +SolidWorks +GD & T	240
83	MCADD P74	AutoCAD 2D +Nastran +SolidWorks +GD & T	240
84	MCADD P72	AutoCAD 2D +Creo +GD & T +NX NASTRAN	240
Professional in NX			
85	MCADD P56	GD & T +NX CAD +NX CAM +NX NASTRAN	216
Professional in MEP Design			
86	MCADD P92	AutoCAD 2D +Revit MEP +PPM Concepts +MSP 2010 (mechanical)	208
Professional Course on Plant Design and Management			
87	MCADD P75	AutoCAD 2D +Plant Design Management System(PDMS) +PPM Concepts +MSP 2010 (mechanical)	208
Professional in CATIA			
88	MCADD P94	CATIA V5 +CATIA Kinematics +Reverse Engineering	144
Diploma in Product Design and Analysis			
89	MCADD D32	CATIA V5 +Ansys +GD & T	176
90	MCADD D33	SolidWorks +Ansys +GD & T	176
91	MCADD D34	NX CAD +Ansys +GD & T	176
92	MCADD D40	CATIA V5 +GD & T +NX NASTRAN	176
93	MCADD D41	SolidWorks +GD & T +NX NASTRAN	176
94	MCADD D42	NX CAD +GD & T +NX NASTRAN	176

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95	MCADD D54	Creo +Ansys +GD & T	176
96	MCADD D55	Creo +GD & T +NX NASTRAN	176
Diploma in product design			
97	MCADD D28	CATIA V5 +NX CAD +GD & T	176
98	MCADD D29	CATIA V5 +SolidWorks +GD & T	176
99	MCADD D30	SolidWorks +NX CAD +GD & T	176
100	MCADD D47	AutoCAD 2D +CATIA V5 +GD & T	160
101	MCADD D48	AutoCAD 2D +Creo +GD & T	160
102	MCADD D49	AutoCAD 2D +NX CAD +GD & T	160
103	MCADD D50	AutoCAD 2D +SolidWorks +GD & T	160
104	MCADD D51	Creo +CATIA V5 +GD & T	176
105	MCADD D52	Creo +NX CAD +GD & T	176
106	MCADD D53	Creo +SolidWorks +GD & T	176
107	MCADD D56	AutoCAD 2D +Autodesk inventor	144
Diploma in CAE			
108	MCADD D44	Ansys +Hypermesh	120
109	MCADD D45	Nastran +Hypermesh	120
Diploma in MEP Design			
110	MCADD D58	AutoCAD 2D +Revit MEP	144
Diploma Course on Plant Design			
111	MCADD D46	AutoCAD 2D +Plant Design Management System(PDMS)	144

S.No	Course code	Software used	Duration
Diploma in AutoCAD			
112	MCADD D43	AutoCAD 2D +AutoCAD 3D (mechanical)	104
Diploma in NX			
113	MCADD D37	NX CAD +NX CAM +GD & T	136
Diploma in CAED			
114	MCADD D59	Microstation +AutoCAD 2D	80
Diploma in CATIA			
115	MCADD D60	CATIA V5 +CATIA Kinematics	104
116	MCADD D61	CATIA V5 +Reverse Engineering	120
Diploma in ANSYS			
117	MCADD D62	Ansys +ANSYS FLUENT	120
Course on NX CAM			
118	MCADD Spl05	NX CAM	40
Course on HyperMesh			
119	MCADD spl07	Hypermesh	40
Course on Plant Design using PDMS			
120	MCADD spl09	Plant Design Management System(PDMS)	80
Course on AutoCAD 2D			
121	MCADD F26	AutoCAD 2D Theory	32
122	MCADD F27	AutoCAD 2D	64
Course on AutoCAD 3D			

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123	MCADD F28	AutoCAD 3D	40
Course on GD & T			
124	MCADD F29	GD & T	16
Course on ANSYS			
125	MCADD F30	Ansys	80
Course on SolidWorks			
126	MCADD F32	SolidWorks 2009 +GD & T	96
Course on CATIA			
127	MCADD F33	CATIA V5 +GD & T	96
Course on NX CAD			
128	MCADD F34	GD & T +NX CAD	96
Course on NX NASTRAN			
129	MCADD F35	Nastran	80
Course on Creo Parametric			
130	MCADD F38	GD & T +Creo	96
Course on ANSYS Fluent			
131	MCADD spl 14	ANSYS FLUENT	40
Course on Creo Simulate			
132	MCADD spl 16	Creo Simulate	40
Course on SolidWorks Motion			
133	MCADD spl 15	SolidWorks Motion	40

S.No	Course code	Software used	Duration
Course on 3D Printing			
134	MCADD spl 13	3D Printing	24
Course on Inventor			
135	MCADD F40	Autodesk inventor	80
Course on CATIA Kinematics			
136	MCADD spl11	CATIA Kinematics	24
Course on Reverse Engineering using CATIA			
137	MCADD spl12	Reverse Engineering	40