

1.2.2 Number of Add on /Certificate programs offered during the last five years (10)

2018-2019		
Sl. No	Name of Add on /Certificate programs offered	Pg. No
1.	ME18191- Machine Drawing and Steel Structural Detailing by using Auto cad software	
	Batch-I	
	Permission	3
	Circular	4
	Syllabus	5
	Willing Student List	6-23
	Course Delivery	24-25
	Resource Person Details	26-27
	Attendance	28-31
	Question Paper	32
	One Page Report	33
	Certificates	34-35
	Batch-II	
	Course Delivery	36-37
	Attendance	38-41
	Question Paper	42
	One Page Report	43
	Certificates	44-45
	Batch-III	
	Course Delivery	46-47
One Page Report	48	
Question Paper	49	
Attendance	50-53	
Certificates	54-55	
2.	ME18192 - Rapid Manufacturing Technologies	
	Batch-I	
	Permission	56
	Circular	57
	Syllabus	58
	Willing Student List	59-76
	Course Delivery	77-78
	Resource Person Details	79-80
	Attendance	81-83
	Question Paper	84
One Page Report	85	

	Certificates	86-87
	Batch-II	
	Course Delivery	88-89
	Resource Person Details	90-91
	Attendance	92-94
	Question Paper	95
	One Page Report	96
	Certificates	97-98
	Batch-III	
	Course Delivery	99-100
	Resource Person Details	101-102
	Attendance	103-105
	Question Paper	106
	One Page Report	107
	Certificates	108-109
	ME18193 - Manufacturing Automation	
	Batch-I	
	Permission	110
	Circular	111
	Syllabus	112
	Willing Student List	113-130
	Course Delivery	131-132
	Resource Person Details	133-134
	Attendance	135-137
3.	One Page Report	138
	Question Paper	139
	Certificates	140-141
	Batch-II	
	Course Delivery	142-143
	Resource Person Details	144-145
	Attendance	146-148
	One Page Report	149
	Question Paper	150
	Certificates	151-152



M.I.E.T. ENGINEERING COLLEGE

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TRICHY - PUDUKKOTTAI ROAD, TIRUCHIRAPPALLI - 620 007.

Email: principalengg@miet.edu, contact@miet.edu

Website: - www.miet.edu

Ph: 0431 - 2660 303

Date: 29.06.2018

To

The Principal

M.I.E.T Engineering College,

Trichy - 620007

Respected Sir,


Sub: Permission to conduct the certificate program - Reg.

We have planned to conduct the certificate program for our Third year students of Mechanical Engineering after the class hours (from 03.07.2018 to 1.10.2018)

Name of the certificate program	Course Coordinator
Machine drawing and steel structural detailing by using Auto CAD software	S. Thulasiram, K Panneer Selvam, K.Rajasekar, I. Devaraj, T. Ramkumar and T. Prabakaran

So kindly give us permission to conduct the course and to utilize the CAD/CAM Laboratory after class hours (05:15 P.M. to 07:15 P.M).

Thanking you


Course Coordinator


HoD/Mech


Principal


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CIRCULAR

Date: 29.06.2018


Sub: Certificate Program

It is planned to conduct the certificate program for the Third year Mechanical Engineering students after the class hours.


The certificate programs are short term certificate courses which are designed and offered by our department for the benefit of our students. Course will be conducted at free of cost and based on the performance of the participated students, the merit certificate will be issued after the successful completion of the course.


Students those who are willing to attend the below mentioned course can enroll their name to the course coordinator.

Name of the certificate program	Course Coordinators
Machine drawing and steel structural detailing by using Auto CAD software	S. Thulasiram, K PanneerSelvam, K.Rajasekar, I. Devaraj, T. Ramkumar and T. Prabakaran
Commencement of course from 03.07.2018 to 1.10.2018 Time: 05.15 PM to 07.15 PM	


Course Coordinator


IQAC Coordinator


HoD/Mech.


Principal


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M.I.E.T ENGINEERING COLLEGE, TRICHY – 7.

DEPARTMENT OF MECHANICAL ENGINEERING

Certificate Program (III Year – V Semester)

Course Syllabus

Name of the course: Machine drawing and steel structural detailing by using Auto CAD software

Course Code: ME18191

Course Coordinators: Mr. S. Thulasiram, AP/Mech and Mr. K.Rajasekar, AP/Mech

Total Hours: 30 Hrs

Academic Year: 2018-19

Objective

- To familiarize the students in machine drawing and Steel structures detailing using AutoCAD software

Unit I – Basics

6

Classification of Machine Drawings, Principles of Drawings, Sectioning, Dimensioning, Limits, Fits and Tolerance, Symbols and Conventional Representation, Screw Fasteners, Key Joints, Coupling and its Types, Riveted Joints, Welded Joints, Structural Applications, Assembly Drawings, Production Drawings, Reproduction of Drawing, Introduction of Computer Aided Drafting, Introduction of 2D & 3D Modeling and Detailing of Steel Structure.

Unit II – Exercises in Machine Drawing

12

Introduction of 2D & 3D Modeling software, Creation of 3D Model and Detailed drawing, Inclined Bracket, Tool Post, Jig and Fixture

Unit III – Exercises in Steel Structure Detailing

12

Introduction to Steel Structure General Arrangement, Standard Structural Members Ex: Channel, I, H,C Section etc., Detailing of Connections, Beam to Beam Connection, Beam to Column Connection, Moment Connection, Shear Connection, Detailing of Steel structures, Preparation of Bill of materials of Steel structure

Course Outcome

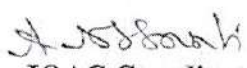
The students will be able to


1. To enhance the ability to work as practicing Mechanical Engineers in manufacturing Industries
2. Improving skills to adopt modern methods in mechanical engineering as continuous improvement
3. Have a comprehensive understanding and knowledge of detailing fundamentals
4. Know the fundamentals around detailing columns, beams, connections and trusses
5. Have the theoretical knowledge of a detailer with years of experience

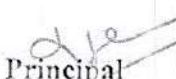
References

1. K R Gobalakrishna, Machine Drawing text book, Subhas Stores, Bangalore.
2. Steel Structure Detailing Manual VICI Engineers Pvt Ltd Chennai.

1. 
2. 
Course Coordinator


IQAC Coordinator


HoD/Mech


Principal


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Ph: 0431 - 2660 303

Willing Student list

CP- 1 Course Coordinator: S. Thulasiram, K Panneer Selvam, K.Rajasekar and I. Devaraj,
T.Ramkumar and T. Prabakaran

CP- 2 Course Coordinator: Dr.C.Ahilan, K.Sundaravadivel, M.Visvam, A.Pandianathan,
D.Manikandan and P.Pradeep

CP- 3 Course Coordinator: L S Narendhira, K.Ramesh, M.Dhandayuthabani, S.Kumaradevan,
Academic Year: 2018-19

S No	Roll No	Name	CP-1: Machine drawing and steel structural detailing by using Auto CAD software	CP-2: Rapid Manufacturing Technologies	CP-3: Manufacturing Automation
1	E1172001	Abdul Ajees. S			✓
2	E1172002	Abdul Azees. M			✓
3	E1172003	Abdulbagath. B			✓
4	E1172007	Abdul Rahman. A			✓
5	E1172008	Abubaker Siddik. P			✓
6	E1172009	Ahamed Meeran Sha. S			✓
7	E1172010	Ahamed Subair. K			✓
8	E1172011	Akash. R			✓
9	E1172013	Akbar Ali. A			✓
10	E1172015	Anbarasan. A			✓
11	E1172016	Antony Bright Sun. P			✓
12	E1172017	Antonypraveen. J			✓
13	E1172020	Arulkabiriyal. M			✓
14	E1172021	Arun Kumar. V			✓
15	E1172022	Arun Kumar. S			✓


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S	Roll	Name	CP-1:	CP-2:	CP-3:
16	E1172023	Arun Kumar. M			✓
17	E1172024	Bala Murugan. J			✓
18	E1172025	Basheer Ahamed. A			✓
19	E1172026	Benedict. A			✓
20	E1172027	Bharath. R			✓
21	E1172028	Bharathi. N			✓
22	E1172030	Chandran. C			✓
23	E1172031	Christober. P			✓
24	E1172032	Deepan. V			✓
25	E1172033	Devagar. U			✓
26	E1172034	Dhinesh. P.K			✓
27	E1172035	Ezaz Ahmed. A			✓
28	E1172037	Faizudeen. H			✓
29	E1172038	Felix Prabhahar. M			✓
30	E1172039	Haja Kamaludeen. G			✓
31	E1172040	Haris. J			✓
32	E1172041	Harishkumar. R			✓
33	E1172044	Jabbar Ali. A			✓
34	E1172045	Jafar Sharif. R			✓
35	E1172046	Jafer Sait. A			✓
36	E1172047	Jakir Hussain. A			✓
37	E1172048	Jamaludheen. S			✓
38	E1172049	Jayaseelan. S			✓
39	E1172050	John Ezekiah. D			✓
40	E1172051	Kabilan. R			✓
41	E1172052	Kabilan. KB			✓
42	E1172053	Kalaivanan. R			✓
43	E1172055	Kamalesh. M			✓
44	E1172056	Kamal Kishore. M			✓
45	E1172057	Karan K (13.03.2000). K			✓
46	E1172058	Karan K (10.05.2000). K			✓


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S	Roll	Name	CP-1:	CP-2:	CP-3:
47	E3172193	Nithish Kumar. M			
48	E2182168	Abdul Rahuman. T			✓
49	E2182174	Kirubakar. M			✓
50	E2182181	Naveen. A			✓
51	E2182183	Ragul. R			✓
52	E2182185	Rajavel. K			✓
53	E2182186	Rasith Ahamed. S			✓
54	E3172192	Jaser Ahamed. N			
55	E1172043	Ishwarya. M			✓
56	E1172059	Karthikeyan. S			✓
57	E1172060	Kavin Prabu. C			
58	E1172061	Kishore. C			✓
59	E1172063	Lenin. K			✓
60	E1172064	Mahesh. P			✓
61	E1172066	Manikandan. S			✓
62	E1172068	Mayakkannan. T.K			✓
63	E1172069	Mohamed Arif Aslam. S			✓
64	E1172070	Mohamed Asarudeen. A			✓
65	E1172071	Mohamed Asarudeen. J			✓
66	E1172072	Mohamed Ashif. M			✓
67	E1172073	Mohamed Azarudeen. M			✓
68	E1172074	Mohamed Faizal. J			
69	E1172075	Mohamed Farook Abdullah. A			✓
70	E1172076	Mohamed Hanifa. Z			✓
71	E1172077	Mohamed Hussain. M			
72	E1172078	Mohamed Ipthikarali. A			
73	E1172079	Mohamed Irfan. N			✓
74	E1172080	Mohamed Ismail. P			✓
75	E1172082	Mohamed Javith. M.K			✓
76	E1172083	Mohamed Kasankhan. S			✓
77	E1172084	Mohamed Malik. M			✓


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S	Roll	Name	CP-1:	CP-2:	CP-3:
78	E1172085	Mohamed Noorniswer. J			✓
79	E1172086	Mohamed Riyas. K			✓
80	E1172087	Mohamed Riyas. T			✓
81	E1172088	Mohamed Riyasdeen. M			✓
82	E1172089	Mohamed Shaheen Shahul Hameed			✓
83	E1172090	Mohamed Wasim (21.08.2000). S			✓
84	E1172091	Mohammed Abbas. M			✓
85	E1172093	Mohammed Hassan. S			✓
86	E1172095	Mohammed Rasik. A			✓
87	E1172096	Mohamed Wassim(10.07.2000). S			✓
88	E1172097	Mohan Raj. G			✓
89	E1172100	Muthu Kumar. M			✓
90	E1172101	Muzammil Hussain. AR			✓
91	E1172102	Naveen Kumar. D			
92	E1172103	Nepoliyan. M			
93	E1172104	Nihal Ahamed. F			✓
94	E1172107	Noordeen. S			✓
95	E1172108	Noor Mohamed. A			✓
96	E1172110	Paline Pradhupa. I			✓
97	E1172112	Peer Mohamed. S			✓
98	E2182170	Abu Faizel. S			✓
99	E2182171	Faizal Khan. R			✓
100	E2182172	Kannappan. P			✓
101	E2182173	Karthikeyan. V			
102	E2182178	Mohamed Haroon Razeeth. K			✓
103	E2182182	Praveen Kumar. M			✓
104	E2182188	Sabeer Khan. A			✓
105	E1172114	Prasanth. R			✓
106	E1172115	Raamkumar. M			✓
107	E1172119	Rahul. E			✓
108	E1172120	Riyash Ahamed. M			✓

A. S. J.
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S	Roll	Name	CP-1:	CP-2:	CP-3:
109	E1172121	Sabi. S			✓
110	E1172122	Sadham Abbas. R			✓
111	E1172126	Sarathkumar. M			✓
112	E1172127	Satham Usean. B			✓
113	E1172128	Sellavel. R			✓
114	E1172129	Selvaarasu. T			✓
115	E1172130	Selva Ganapathi. M			✓
116	E1172131	Shagul Hameed. I			✓
117	E1172132	Shagul Hameed. M			✓
118	E1172133	Shagul Hameed. SN			✓
119	E1172134	Shahul Abdul Rahman. M			✓
120	E1172135	Shaik Shafeeque Mohamed. S			✓
121	E1172136	Shanmuganathan. T			✓
122	E1172137	Sheik Azarudeen. A			✓
123	E1172138	Siva. K			✓
124	E1172139	Sivadoss. K			✓
125	E1172140	Sivanesan. S			✓
126	E1172141	Sivasundar. J			✓
127	E1172142	Sowkath Ali. M			✓
128	E1172143	Sridhar. S			✓
129	E1172144	Sri Ram. K			✓
130	E1172145	Stephen Yesudoss. S			✓
131	E1172146	Subash. G			✓
132	E1172147	Sudhakar. C			✓
133	E1172148	Suganthan. S			✓
134	E1172149	Suresh Krishna. D			✓
135	E1172150	Suriya. J.S			✓
136	E1172151	Susil Kumar. E			✓
137	E1172152	Syed Nissar. Z			✓
138	E1172154	Tamilarasan. M			✓
139	E1172155	Tamilarasan. S			✓


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S	Roll	Name	CP-1:	CP-2:	CP-3:
140	E1172156	Thamizhan. V			✓
141	E1172157	Thamotharan. A			✓
142	E1172158	Vadivazhagan. E			✓
143	E1172159	Vasanth. L			✓
144	E1172160	Vasanth. S			✓
145	E1172161	Vasanth. T			✓
146	E1172162	Vengatesh. J			✓
147	E1172164	Vijayaprakash. V			✓
148	E1172165	Vijayakrishnan. T			✓
149	E2182175	Kirubanandam. R			✓
150	E2182176	Marimuthu. M			✓
151	E2182180	Muthu Karuppan. R			✓
152	E2182187	Renganathan. P			✓
153	E2182189	Tamilarasan. S			✓
154	E2182190	Vignesh. T			✓
155	E1162001	Abdul Basith. S	✓		
156	E1162002	Abdul Rahuman Fahath. U	✓		
157	E1162003	Abdul Riyaz. J	✓		
158	E1162004	Abdullah Haja Mydeen	✓		
159	E1162007	Ajmal. S	✓		
160	E1162008	Akash. K			
161	E1162009	Akash. M	✓		
162	E1162010	Akashvarma. S	✓		
163	E1162011	Antony David. T	✓		
164	E1162012	Aravindhan. E	✓		
165	E1162013	Anwar Kaleem. S	✓		
166	E1162014	Arun. A			
167	E1162016	Arunkumar. M	✓		
168	E1162017	Ashik Salman. N	✓		
169	E1162018	Ashiq Basha. R	✓		
170	E1162019	Askar Hussian. A	✓		


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S	Roll	Name	CP-1:	CP-2:	CP-3:
171	E1162020	Asrar Ahamed. S	✓		
172	E1162021	Athief. S	✓		
173	E1162022	Azarutheen. K	✓		
174	E1162023	Babu. P	✓		
175	E1162024	Balaji. G	✓		
176	E1162025	Balakumar. P	✓		
177	E1162026	Balakumaran. M	✓		
178	E1162027	Balamurugan. Y	✓		
179	E1162028	Baseer Ahamed. A			
180	E1162029	Chandra Kumar. M	✓		
181	E1162030	Chandru. M	✓		
182	E1162031	Enayathulla. R	✓		
183	E1162032	Eswaran. S	✓		
184	E1162033	Fahadaameer. R	✓		
185	E1162036	Fizal. A	✓		
186	E1162037	George Andrews. M			
187	E1162039	Hari Haran. R	✓		
188	E1162040	Ilangeshwaran. R	✓		
189	E1162041	Jafar Sathik. M	✓		
190	E1162042	Jeevankumar. S	✓		
191	E1162043	Kajini Mohamed. N	✓		
192	E1162044	Kalaivendhan. G			
193	E1162045	Kamaludeen. I	✓		
194	E1162046	Kamaraj. K	✓		
195	E1162047	Karthikeyan. D	✓		
196	E1162049	Kaviyarasan. P	✓		
197	E2172160	Gowtham. M	✓		
198	E2172161	Hari Haran. S	✓		
199	E2172162	Jaferhussian. R	✓		
200	E2172163	Jaya Eswar. S.A	✓		
201	E2172168	Manikandan. M	✓		


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S	Roll	Name	CP-1:	CP-2:	CP-3:
202	E2172172	Mohamed Ajithkhan. R	✓		
203	E2172176	Mohamed Khalith. J	✓		
204	E2172177	Mohamed Mukthar. M	✓		
205	E2172190	Pavithra Kumar. S	✓		
206	E2172192	Sabarish Kumar. P	✓		
207	E2172193	Siva. S	✓		
208	E2172195	Siavanesan. M	✓		
209	E2172199	Vignesh. P			
210	E2172200	Vijay. R	✓		
211	E3162148	Arun. K			
212	E1162048	Karunamoorthy. P	✓		
213	E1162050	Mahadheer Mohamed. A	✓		
214	E1162051	Mahesh. T	✓		
215	E1162052	Mangaiyarkarasi. R	✓		
216	E1162053	Manikandan. M	✓		
217	E1162054	Manoj. C	✓		
218	E1162055	Manojkumar. S	✓		
219	E1162056	Mariselvam. K	✓		
220	E1162057	Mohamad Marjuk. A	✓		
221	E1162058	Mohamed Ali Jinna. R	✓		
222	E1162059	Mohamed Anas. N	✓		
223	E1162061	Mohamed Aslam. J	✓		
224	E1162062	Mohamed Azarudeen. M	✓		
225	E1162065	Mohamed Bagath. M	✓		
226	E1162066	Mohamed Basshar. J	✓		
227	E1162067	Mohamed Bilal. S	✓		
228	E1162068	Mohamed Farhan. K	✓		
229	E1162069	Mohamed Gousi. A	✓		
230	E1162070	Mohamed Ibrahim. K	✓		
231	E1162071	Mohamed Ibrahim. S	✓		
232	E1162072	Mohamed Irfan. J	✓		


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S	Roll	Name	CP-1:	CP-2:	CP-3:
233	E1162073	Mohamed Jawahir. Y	✓		
234	E1162074	Mohamed Jifri. A	✓		
235	E1162075	Mohamed Kather Sherif. P	✓		
236	E1162076	Mohamed Muneer. P	✓		
237	E1162077	Mohamed Murshied. M.A	✓		
238	E1162078	Mohamed Reskallah. US			
239	E1162079	Mohamed Riaz. S	✓		
240	E1162080	Mohamed Rifath Ali. T.A	✓		
241	E1162081	Mohamed Safeek. S	✓		
242	E1162082	Mohamed Salman. S	✓		
243	E1162083	Mohamed Sheik Dawood. S	✓		
244	E1162084	Mohamed Sirajudeen. M.A	✓		
245	E1162086	Mohammed Annas. M.A	✓		
246	E1162087	Mohammed Rashik. M	✓		
247	E1162088	Mohammed Sulthan. H	✓		
248	E1162089	Mugeshkanna. V	✓		
249	E1162090	Mugilan. M	✓		
250	E1162091	Mukilan. U			
251	E1162092	Muralikrishnan. B	✓		
252	E1162093	Naga Srinivasan. R	✓		
253	E2172152	Abdul Basith. J	✓		
254	E2172154	Akthar Ali. Z	✓		
255	E2172155	Augustin Pon Joshua. A	✓		
256	E2172156	Bhuvaneshwaran. K	✓		
257	E2172158	Dinesh Raj. M	✓		
258	E2172159	Gokula Priyan. A	✓		
259	E2172166	Karthikraja. K	✓		
260	E2172171	Mohamed Abdul Irfan. I	✓		
261	E2172174	Mohamed Azeethu. N	✓		
262	E2172175	Mohamed Azwan. M	✓		
263	E2172180	Mohamed Thariq. M	✓		


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S	Roll	Name	CP-1:	CP-2:	CP-3:
264	E2172182	Mohammed Sukar. K	✓		
265	E2172185	Mohd Asif Rahamathullah Labbai	✓		
266	E2172186	Mounika. M	✓		
267	E2172188	Muthuramalingam. M	✓		
268	E2172189	Nagarajan. S	✓		
269	E2172191	Prakash. P	✓		
270	E2172202	Yusuf Sheriff. G	✓		
271	E3152146	Naveen. D	✓		
272	E3162149	Jayasurya. R	✓		
273	E3162150	Subash. M	✓		
274	E1162094	Nantha Kumar. S	✓		
275	E1162095	Narasiman. V.S	✓		
276	E1162096	Nasirudeen. N			
277	E1162097	Navaneethan. K.V	✓		
278	E1162098	Niyaz Ahamed. A	✓		
279	E1162099	Pagathsingh. P	✓		
280	E1162100	Pandi. M	✓		
281	E1162101	Parthiban. R	✓		
282	E1162102	Ponkumar. M	✓		
283	E1162103	Pramoth. S	✓		
284	E1162104	Prasanth. A	✓		
285	E1162105	Prasanth (13.12.1999). K	✓		
286	E1162106	Prasanth (26.05.1999). K	✓		
287	E1162111	Rajesh. M	✓		
288	E1162112	Rameez Ali Raja. M	✓		
289	E1162114	Rishvanth. S	✓		
290	E1162115	Robin Mano. B	✓		
291	E1162116	Saiad Aamir Souhail. N	✓		
292	E1162117	Sam Kalwin. S	✓		
293	E1162118	Samuel. S	✓		
294	E1162123	Sheik Abdul Muthalib. N	✓		


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M.I.E.T. ENGINEERING COLLEGE
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S	Roll	Name	CP-1:	CP-2:	CP-3:
295	E1162124	Sheik Mohaideen. I	✓		
296	E1162125	Shri Hari Shandhanu. K	✓		
297	E1162126	Sivaraman. S	✓		
298	E1162128	Sriram. S	✓		
299	E1162130	Sukumaran. R			
300	E1162131	Sundhar. S	✓		
301	E1162132	Syed Ali. R	✓		
302	E1162133	Syed Anwar Azeez. P	✓		
303	E1162134	Syed Peer Javed. S.N	✓		
304	E1162137	Uvaisur Rahman. H	✓		
305	E1162138	Vaasim Ahamed. B.A	✓		
306	E1162139	Varnaraj. P			
307	E1162140	Vaseem Rahman. A	✓		
308	E1162141	Vignesh (26.04.1998). R	✓		
309	E1162142	Vignesh (08.04.1999). R	✓		
310	E1162143	Vijayaraj. D	✓		
311	E1162145	Yokesh. P	✓		
312	E3152204	Ragul Raj. C			
313	E3152205	Ranjith. S			
314	E2172153	Abdul Rahim. A	✓		
315	E2172157	Deepan Chakkaravarthy. P.S	✓		
316	E2172164	Jayaraj. Y	✓		
317	E2172165	Kabilan. G			
318	E2172167	Manigandan. B	✓		
319	E2172169	Manojkumar. M	✓		
320	E2172170	Mohamed Aathil. S	✓		
321	E2172178	Mohamed Sajid. S			
322	E2172179	Mohamed Sharif. I			
323	E2172181	Mohamed Yahya. M			
324	E2172183	Mohanasundaram. A	✓		
325	E2172184	Mohanraj. K	✓		


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S	Roll	Name	CP-1:	CP-2:	CP-3:
326	E2172187	Muruganantham. S			
327	E2172196	Sriram. M.S	✓		
328	E2172197	Suren. S	✓		
329	E2172198	Surieya. M			
330	E3152147	Thowfeek Raja. N			
331	E3162151	Peer Sulthan Rawther. N	✓		
332	E1152001	Abdul Basith. A		✓	
333	E1152002	Abdul Jaffar. A.B		✓	
334	E1152003	Adheeb. A		✓	
335	E1152004	Ahamed Rilah. S		✓	
336	E1152005	Ajith Kumar (19.12.1997). B			
337	E1152007	Ajithkumar. R		✓	
338	E1152008	Akash. A		✓	
339	E1152009	Alfred John		✓	
340	E1152010	Aloysius Thomas. X		✓	
341	E1152011	Ambicapathi. C		✓	
342	E1152012	Anaest Raj. K		✓	
343	E1152013	Anees Mohamed. U		✓	
344	E1152014	Anes Rahman. N		✓	
345	E1152015	Aravindhan. K.R		✓	
346	E1152016	Arivunithi. M			
347	E1152017	Arul Pravin. T		✓	
348	E1152018	Arun Prakash. S		✓	
349	E1152019	Arun Kumar. M		✓	
350	E1152020	Aswin. N			
351	E1152021	Balamurugan. P		✓	
352	E1152022	Bharathi. B		✓	
353	E1152024	Deyendran. G		✓	
354	E1152025	Dhinesh. M		✓	
355	E1152026	Dhinesh. S		✓	
356	E1152027	Dinesh Kumar. S		✓	


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S	Roll	Name	CP-1:	CP-2:	CP-3:
357	E1152028	Diwan Mohamed Hasan. S			
358	E1152029	Eniyan. V		✓	
359	E1152030	Fasil Ahamed. M.S		✓	
360	E1152031	Ferose Ahamed. L		✓	
361	E1152032	Gokulakrishnan. S		✓	
362	E1152033	Gopal. A		✓	
363	E1152034	Gopinaath. M		✓	
364	E1152035	Gouthamaraj. M		✓	
365	E1152036	Gowthaman. C		✓	
366	E1152037	Gunasekar. M		✓	
367	E1152038	Haamith Asraf. T		✓	
368	E1152039	Habeeb Mohamed. N		✓	
369	E1152040	Harish. A		✓	
370	E1152041	Ibrahim. T			
371	E1152043	Infant Fredrick. L		✓	
372	E1152045	Jegan Prabhu. A		✓	
373	E1152046	Joseph Pathiyanathan. T		✓	
374	E1152047	Kader Meera. J		✓	
375	E1152048	Kalaiselvan. M		✓	
376	E2162164	Abdhul Hameed. S		✓	
377	E2162165	Abivijesh. A.V		✓	
378	E2162166	Abuthakir Fareed. A		✓	
379	E2162167	Adaikala Andrews. A		✓	
380	E2162168	Alwhar Balaji. A		✓	
381	E2162169	Anandhan. S		✓	
382	E2162170	Aravindh. K		✓	
383	E2162171	Aravinthan. K		✓	
384	E2162172	Arunkumar. K.R		✓	
385	E2162173	Ashik Khan. A		✓	
386	E2162174	Asik Deen. S		✓	
387	E2162175	Aswin. J		✓	


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GUNDUR, TIRUCHIRAPPALLI-620 007.
al.

S	Roll	Name	CP-1:	CP-2:	CP-3:
388	E2162176	Binu Denis. J		✓	
389	E2162177	Blessing. I		✓	
390	E2162178	Cicel Jerom. S		✓	
391	E2162179	Daniel Jayakumar. A		✓	
392	E2162180	Edwin Irudhayaraj. U		✓	
393	E2162181	Gideon Sathiyanesan. K		✓	
394	E2162182	Gobikrishna. P		✓	
395	E2162183	Gopala Krishnan. S		✓	
396	E2162184	Gowtham. M		✓	
397	E3152159	Anandhasudhan. E		✓	
398	E3152160	Ariff Kamaldeen. M		✓	
399	E1152050	Kapil. R		✓	
400	E1152051	Karpoorasundarapandi. M			
401	E1152052	Karthick. M		✓	
402	E1152053	Karunakaran. R		✓	
403	E1152054	Karuppu Durai. K.A		✓	
404	E1152055	Kaviyaran. E		✓	
405	E1152058	Mahendra Boopathy. S		✓	
406	E1152059	Maheswaran. K		✓	
407	E1152060	Manikandan. N		✓	
408	E1152061	Manikandan. R		✓	
409	E1152062	Manivannan. K			
410	E1152063	Maruthupandiyar. A		✓	
411	E1152064	Mathiselvan. T		✓	
412	E1152066	Mohamed Ajmal. J		✓	
413	E1152067	Mohamed Ashar Maricar. S		✓	
414	E1152068	Mohamed Asif. N		✓	
415	E1152070	Mohamed Hanifa. K			
416	E1152071	Mohamed Ibrahim Fazil. H			
417	E1152072	Mohamed Irfan. M		✓	
418	E1152073	Mohamed Ismail. S		✓	


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S	Roll	Name	CP-1:	CP-2:	CP-3:
419	E1152074	Mohamed Muzzamil. A		✓	
420	E1152075	Mohamed Niyas. M		✓	
421	E1152076	Mohamed Shaik Dawood. A.M.N		✓	
422	E1152077	Mohamed Sherif. N.S		✓	
423	E1152079	Mohamed Ibrahim. S		✓	
424	E1152080	Mohamedmohideen. A		✓	
425	E1152081	Mohammed Ibrahim Ali. J		✓	
426	E1152082	Mohammed Rahil. S		✓	
427	E1152083	Mouleeshwaran. B		✓	
428	E1152084	Mubarak Ali. N		✓	
429	E1152085	Muhammed Ismail. S		✓	
430	E1152086	Mushtaq Ahamed. J		✓	
431	E1152088	Muthukumar. S		✓	
432	E1152089	Muthumohamedniyas. H		✓	
433	E1152090	Nabeel Ahamed. M		✓	
434	E1152093	Nanthakumar. V		✓	
435	E1152094	Nasik Ahamed. M		✓	
436	E1152096	Nikhil Karan.M. M		✓	
437	E1152097	Pappu Raja. K		✓	
438	E1152098	Parthasarathi. S			
439	E1152099	Parthasarathy. M			
440	E1152100	Pavithran. V			
441	E1152101	Prabakaran. J			
442	E1152102	Prabhu Raja. M			
443	E2162185	Gunaseelan. J		✓	
444	E2162186	Gunaseelan. Y		✓	
445	E2162187	Iyappan. S		✓	
446	E2162188	Jahir Ushain. B			
447	E2162189	Jaya Prakash. P			
448	E2162190	John Venis. J		✓	
449	E2162191	Joshva Amrisha. A		✓	

A.L.S.
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GUNDUR, TIRUCHIRAPPALLI-620 007.

S	Roll	Name	CP-1:	CP-2:	CP-3:
450	E2162192	Lenin. A		✓	
451	E2162193	Logasarathi. M			
452	E2162194	Mageshwaran. R		✓	
453	E2162195	Manikandan. V		✓	
454	E2162196	Manimaran.N. N		✓	
455	E2162197	Manuram. R		✓	
456	E2162198	Mohamed Abdullah. K		✓	
457	E2162199	Mohamed Farook. M		✓	
458	E2162200	Mohamed Ibrahim. K		✓	
459	E2162201	Mohamed Sabeer. S		✓	
460	E2162202	Mohamed Ujaier. N		✓	
461	E2162203	Mohamed Zainal Zameer. M		✓	
462	E2162204	Mohammed Yashar. M		✓	
463	E2162206	Nandha Kumar. B		✓	
464	E2162207	Naveen Vignesh. V		✓	
465	E1152103	Pradeepkumar. S			
466	E1152104	Praisson.T.Abraham		✓	
467	E1152105	Premkumar. B		✓	
468	E1152107	Rahumankhan. A		✓	
469	E1152108	Raj Mathan. G			
470	E1152109	Raja Mohamed. S		✓	
471	E1152110	Rajadurai. I		✓	
472	E1152111	Rajeshwar. K		✓	
473	E1152112	Rajkumar. E		✓	
474	E1152113	Rajkumar. S		✓	
475	E1152114	Ramana Priyan. K		✓	
476	E1152115	Ranjith Kumar. A		✓	
477	E1152117	Renold Praveen. J		✓	
478	E1152118	Rohith Basha. A		✓	
479	E1152119	Sabari. C			
480	E1152121	Sameer Ahamed. M.A			


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S	Roll	Name	CP-1:	CP-2:	CP-3:
481	E1152122	Saminathan. S		✓	
482	E1152124	Santhosh Kumar. P		✓	
483	E1152125	Santhosh. T		✓	
484	E1152126	Sathish Kumar. K		✓	
485	E1152127	Sathish Kumar. S		✓	
486	E1152128	Selva Bharathi. I		✓	
487	E1152130	Shiek Deen Mohammed. N		✓	
488	E1152132	Sivasankaran. N		✓	
489	E1152133	Sivashankar. M		✓	
490	E1152134	Siva Shankar. S		✓	
491	E1152136	Suresh. R		✓	
492	E1152137	Suriyaprakash. R		✓	
493	E1152138	Surya. R			
494	E1152140	Syed Mohamed Saifudhen Quadri			
495	E1152141	Thamemul Ansary. M			
496	E1152142	Tharik Ahamed Kasim. T			
497	E1152143	Thariq Zamaan. A		✓	
498	E1152144	Thinakaran. D			
499	E1152145	Thineshkumar. K		✓	
500	E1152146	Tom Alan Doss. J		✓	
501	E1152147	Ummar Siddhiq. M			
502	E1152148	Vaithees Vel. C		✓	
503	E1152149	Veeramani. V		✓	
504	E1152150	Venkatesh. M		✓	
505	E1152153	Vignesh. V		✓	
506	E1152156	Vinothkumar. K		✓	
507	E1152157	Vinoth Kumar. M			
508	E1152158	Yahya. S			
509	E3142228	Vigneshraja. S		✓	
510	E2162208	Pari. A.		✓	
511	E2162209	Parthasarathy. R		✓	


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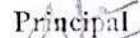
S	Roll	Name	CP-1:	CP-2:	CP-3:
512	E2162210	Rajasekar. R		✓	
513	E2162211	Rajasekaran. T		✓	
514	E2162212	Rakesh Rengaiyah. P		✓	
515	E2162213	Ram Kumar. V		✓	
516	E2162214	Sahaya Shyam. A		✓	
517	E2162215	Salik Mohamed. S		✓	
518	E2162216	Sameer Ahamed. P		✓	
519	E2162217	Sandeep Thomas. J		✓	
520	E2162218	Sasikumar. G		✓	
521	E2162219	Sooriya Prakash. TS		✓	
522	E2162220	Sudhakar. K		✓	
523	E2162221	Sujith. R		✓	
524	E2162222	Susendra Vasan. T		✓	
525	E2162223	Tamil Selvan. L		✓	
526	E2162224	Thoufeek Ahmed.A. A		✓	
527	E2162226	Venkatesan. R		✓	
528	E2162227	Vigneshwaran. D		✓	
529	E3152161	Ijaz Ahamed. B		✓	
530	E3152162	Santhosh Kumar. P		✓	
531	E3152163	Sathish Kumar. R		✓	



Course Coordinator



HoD/MECH


Principal


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 TRICHY – PUDUKKOTTAI ROAD, TIRUCHIRAPPALLI – 620 007.
 Email: principalengg@miet.edu, contact@miet.edu
 Website: - www.miet.edu

Ph: 0431 – 2660 303

Course Delivery

Name of the Course: Machine drawing and steel structural detailing by using Auto cad software

Course Code: ME18191

Course Coordinator: Mr. S. Thulasiram, AP/Mech and Mr. K.Rajasekar, AP/Mech

Total Hours: 31 Hrs

Academic Year: 2018-19

Sl.No	Topics to be Covered	Hours	Date of Delivery
1.	Need of Graphical Language Importance Machine Drawing Introduction to AutoCAD	6	3.07.2018
2.	Assembly, Part and Detailed Drawing Bill of materials in Drawing		6.07.2018
3.	Dimensioning Annotations Other basic Commands		11.07.2018
4.	Inclined Bracket Part model of inclined bracket Detailing	12	14.07.2018
5.	Inclined Bracket Assembly Detailing		18.07.2018
6.	Tool Post Part model of Tool Post Detailing		23.07.2018
7.	Tool Post Assembly Detailing		26.07.2018
8.	Jigs Part Model of Jigs and Fixture Assembly Detailing		31.07.2018
9.	Fixture Part Model of Jigs and Fixture Assembly Detailing		3.08.2018
10.	Steel Structural Detailing General Arrangement Standard Structural Members		12
11.	Standard Structural Members	3.09.2018	

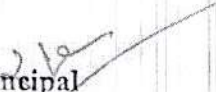
A. Ramesh
 PRINCIPAL


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 GUNDUR, TIRUCHIRAPPALLI-620 007.

Sl.No	Topics to be Covered	Hours	Date of Delivery
12.	Beam Connections Beam-Column		15.09.2018
13.	Beam Connections Beam-Beam Moment and Shear connections		19.09.2018
14.	Detailing of Base Plate, Gusset plate and Bracing		25.09.2018
15.	Detailing of Steel Structures		28.09.2018
16.	Test and Evaluation	1	15.10.2018


Course Coordinator


HoD


Principal


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Email: principalengg@miet.edu, contact@miet.edu

Website: www.miet.edu

Ph: 0431 – 2660 303

Resource Person Details

Title of the program	Machine drawing and steel structural detailing by using Auto CAD software
Course Code	ME18191
Duration and timing of the program	31 Hrs, 5:15 PM to 7:15 PM
Name of the resource person	Mr. S.THULASIRAM
Photo of the resource person	
Email address	thulasiram.s@miet.edu
Contact number	9578951636
Designation	Assistant Professor
Educational qualification	<ul style="list-style-type: none">➤ Completed B.E., Mechanical Engineering from Trichy Engineering College 2009.➤ Completed M.E., Thermal Engineering from BIT Campus, Anna University 2016.
Experience	<ul style="list-style-type: none">➤ Industrial experience – 2.4 Years.➤ Teaching Experience – 7.1 Years.

S. Thulasiram
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Email: principalengg@miet.edu, contact@miet.edu
Website: - www.miet.edu

Ph: 0431 – 2660 303

Resource Person Details

Title of the program	Machine drawing and steel structural detailing by using Auto CAD software
Course Code	ME18191
Duration and timing of the program	31 Hrs, 5:15 PM to 7:15 PM
Name of the resource person	Mr. K. PANNEER SELVAM
Photo of the resource person	
Email address	kpselvam@miet.edu
Contact number	7667525777
Designation	Assistant Professor
Educational qualification	<ul style="list-style-type: none">➤ Completed B.E., Mechanical Engineering, Kurinji College of Engg And Tech. – 2006.➤ Completed M.E., Engineering Design from Kongu Engineering College - 2008.
Experience	<ul style="list-style-type: none">➤ Industrial experience – 00 Years➤ Teaching Experience – 9.5 Years.


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 Email: principalseng@miet.edu, contact@miet.edu
 Web site: www.miet.edu

Ph: 0431 - 2660 303

Certificate Program (III Year - V Semester)
 Attendance Sheet

Name of the course: Machine drawing and steel structural detailing by using Auto CAD software

Course code: ME18191

Course coordinator: S. Thulasiram, AP/Mech and K Panneer Selvam, AP/Mech

Academic Year: 2018-19

SNo	RollNo	Name	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
			08/07	09/07	11/07	12/07	14/07	16/07	18/07	20/07	21/07	03/08	24/08	05/09	12/09	19/09	26/09	28/09
1.	E1162001	Abdul Basith. S	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
2.	E1162002	Abdul Rahuman Fahath. U	/	/	/	/	/	/	a	/	/	/	/	/	/	/	/	/
3.	E1162003	Abdul Riyaz. J	/	/	/	/	a	/	/	/	/	/	/	/	/	/	/	/
4.	E1162004	Abdullah Haja Mydeen	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
5.	E1162007	Ajmal. S	/	/	/	/	/	/	/	/	a	/	/	/	/	/	/	/
6.	E1162009	Akash. M	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
7.	E1162010	Akashvarma. S	/	/	/	/	/	/	/	/	/	/	/	/	/	/	a	/
8.	E1162011	Antony David. T	/	/	/	/	/	a	/	/	/	/	/	/	/	/	/	/
9.	E1162012	Aravindhnan. E	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a

A. Senthil
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10.	E1162013	Anwar Kaleem. S	/	/	/	/	/	/	a	/	/	/	/	/	/	/	/	/
11.	E1162016	Arunkumar. M	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
12.	E1162017	Ashik Salman. N	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
13.	E1162018	Ashiq Basha. R	/	/	/	/	a	/	/	/	/	/	/	/	/	/	/	/
14.	E1162019	Askar Hussian. A	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
15.	E1162020	Asrar Ahamed. S	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
16.	E1162021	Athief. S	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
17.	E1162022	Azarutheen. K	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
18.	E1162023	Babu. P	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
19.	E1162024	Balaji. G	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a
20.	E1162025	Balakumar. P	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
21.	E1162026	Balakumaran. M	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
22.	E1162027	Balamurugan. Y	/	/	/	/	/	a	/	/	/	/	/	/	/	/	/	/
23.	E1162029	Chandra Kumar. M	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
24.	E1162030	Chandru. M	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
25.	E1162031	Enayathulla. R	/	/	/	/	a	/	/	/	/	/	/	/	/	/	/	/
26.	E1162032	Esvaran. S	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
27.	E1162033	Fahadaameer. R	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/


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28.	E1162036	Fizal. A	/	/	/	/	/	/	/	a	/	/	/	/	/	/	/	/
29.	E1162039	Hari Haran. R	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
30.	E1162040	Ilangeshwaran. R	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
31.	E1162041	Jafar Sathik. M	/	/	/	/	/	/	a	/	/	/	/	/	/	/	/	/
32.	E1162042	Jeevankumar. S	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
33.	E1162043	Kajini Mohamed. N	/	/	/	/	/	/	/	a	/	/	/	/	/	/	/	/
34.	E1162045	Kamaludeen. I	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
35.	E1162046	Kamaraj. K	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
36.	E1162047	Karthikeyan. D	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
37.	E1162049	Kaviyarasan. P	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
38.	E2172160	Gowtham. M	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a
39.	E2172161	Hari Haran. S	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
40.	E2172162	Jaferhussian. R	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
41.	E2172163	Jaya Eswar. S.A	/	/	/	a	a	/	/	/	/	/	/	/	/	/	/	/
42.	E2172168	Manikandan. M	/	/	/	/	/	/	a	/	/	/	/	/	/	/	/	/
43.	E2172172	Mohamed Ajithkhan. R	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
44.	E2172176	Mohamed Khalith. J	/	/	/	/	/	/	/	a	/	/	/	/	/	/	/	/
45.	E2172177	Mohamed Mukthar. M	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/


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46.	E2172190	Pavithra Kumar. S	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
47.	E2172192	Sabarish Kumar. P	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
48.	E2172193	Siva. S	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
49.	E2172195	Siavanesan. M	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
50.	E2172200	Vijay. R	/	/	/	/	/	/	/	/	/	/	/	0	/	/	/
51.	E1162048	Karunamoorthy. P	/	/	/	/	/	0	/	/	/	/	/	/	/	/	/
52.	E1162050	Mahadheer Mohamed. A	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
Total No Students Presents			49	49	49	48	45	49	40	46	49	49	49	49	48	49	49
Total No Students Absent			3	3	3	4	7	3	9	6	3	3	3	3	4	3	3
Signature Course Coordinator			/	/	/	/	/	/	/	/	/	/	/	/	/	/	/

L. Pradeep
Course Coordinator

S. Ann
HoD

A. K.
Principal

A. K.
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Email: principalengg@miet.edu, contact@miet.edu

Website: - www.miet.edu

Ph: 0431 - 2660 303

Certificate Program Assessment Test

Name of the course: Machine drawing and steel structural detailing by using Auto cad software

Course Code: ME18192

Time: 01:00 hrs

Academic Year: 2018-19

Date: 15.10.18

Answer All the Questions (5*2=10)

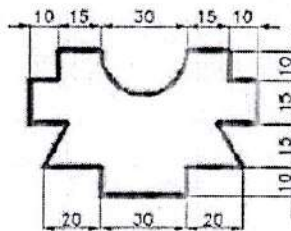
PART-A

1. Write the ORTHO ON/OFF command.
2. Write Assembly of 3D model command.
3. Change of dimension style command.
4. Give the A4 and A0 Sheet Size.
5. Give the command to join two solid models.

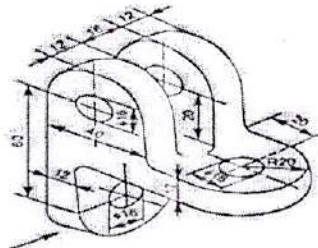
Answer All the Questions (4*10=40)

PART - B

6. Draw the 2D drawing with help of AutoCAD.



7. Draw the 3D Model of given solid.



C. P. S.
Course Coordinator

S. N. V.
HoD/Mech

A. P.
Principal

J. P. S.
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One Page Report

Name of the course: Machine drawing and steel structural detailing by using Auto cad software

Course Code: ME18191

Course coordinator: Mr. S. Thulasiram, AP/Mech and Mr. K. Panner Selvam, AP/Mech


Total Hours: 31 Hrs

Academic Year: 2018 - 2019

We hereby affirm that the entire course contents in the certificate program "Machine drawing and steel structural detailing by using Auto cad software" listed in the certificate program syllabus have been performed by the students as the part of the prescribed co - curricular activities through add on course by NAAC and NBA.

We confirmed that the Certificate Program title as "Machine drawing and steel structural detailing by using Auto cad software" was done by me in the beginning of the semester and course delivery with attendance of the students were recorded.

We confirmed that all the students for this Certificate Program were actively attended and performed well throughout the duration and eligible students received the participation certificate.


Course Coordinator


HoD/Mech


Principal


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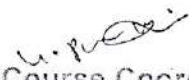
Trichy, Pudukkottai Road, Trichy - 620 007.




Course Completion Certificate

This is to Certify that Mr/Ms. AKASH.M

of Third Year Mechanical Engineering has Completed the Course on
MACHINE DRAWING AND STEEL STRUCTURE
BY USING AUTOCAD SOFTWARE from 02/07/19 to 15/10/19


Course Coordinator


Hod


Principal


PRINCIPAL

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M.I.E.T. ENGINEERING COLLEGE


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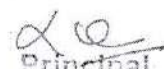
Course Completion Certificate

This is to Certify that Mr/Ms. Babu P

of Third Year Mechanical Engg has Completed the Course on
Machine drawing and Steel Structural
detailing by using AutoCAD software from 03/07/2018 to 15/08/2018


Course Coordinator


Hod


Principal


PRINCIPAL

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Website: - www.miet.edu

Ph: 0431 – 2660 303

Course Delivery

Name of the Course: Machine drawing and steel structural detailing by using Auto cad software

Course Code: ME18191

Course Coordinator: Mr. K.Rajasekar, AP/Mech and Mr. I. Devaraj, AP/Mech

Total Hours: 31 Hrs

Academic Year: 2018-19

Sl.No	Topics to be Covered	Hours	Date of Delivery
1.	Need of Graphical Language Importance Machine Drawing Introduction to AutoCAD	6	4.07.2018
2.	Assembly, Part and Detailed Drawing Bill of materials in Drawing		9.07.2018
3.	Dimensioning Annotations Other basic Commands		12.07.2018
4.	Inclined Bracket Part model of inclined bracket Detailing	12	16.07.2018
5.	Inclined Bracket Assembly Detailing		19.07.2018
6.	Tool Post Part model of Tool Post Detailing		24.07.2018
7.	Tool Post Assembly Detailing		27.07.2018
8.	Jigs Part Model of Jigs and Fixture Assembly Detailing		1.08.2018
9.	Fixture Part Model of Jigs and Fixture Assembly Detailing		27.08.2018
10.	Steel Structural Detailing General Arrangement Standard Structural Members	12	30.08.2018
11.	Standard Structural Members		4.09.2018

A. Devaraj
PRINCIPAL

M.I.E.T. ENGINEERING COLLEGE
GUNDUR, TIRUCHIRAPPALLI-620 007.

Sl.No	Topics to be Covered	Hours	Date of Delivery
12.	Beam Connections Beam-Column		17.09.2018
13.	Beam Connections Beam-Beam Moment and Shear connections		20.09.2018
14.	Detailing of Base Plate, Gusset plate and Bracing		26.09.2018
15.	Detailing of Steel Structures		29.09.2018
16.	Test and Evaluation	1	16.10.2018


Course Coordinator


HoD


Principal


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Ph: 0431 - 2560 303

Certificate Program (III Year - V Semester)

Attendance Sheet

Name of the course: Machine drawing and steel structural detailing by using Auto CAD software

Course code: ME18191

Course coordinator: Mr. K.Rajasekar, AP/Mech and Mr. I. Devaraj, AP/Mech

Academic Year: 2018-19

SNo	RollNo	Name	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
			09/7	09/7	12/7	16/7	19/7	29/7	31/7	01/8	27/8	30/8	4/9	17/9	20/9	26/9	29/9	10/10
1.	E1162051	Maresh, T	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
2.	E1162052	Mangaiyarkarasi. R	/	/	/	/	/	/	/	/	/	a	a	/	/	/	/	/
3.	E1162053	Manikandan. M	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
4.	E1162054	Manoj. C	/	/	/	/	/	a	a	a	/	/	/	/	/	/	/	/
5.	E1162055	Manojkumar. S	/	a	/	/	/	/	/	/	/	/	/	/	/	/	/	/
6.	E1162056	Mariselvam. K	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
7.	E1162057	Mohamad Marjuk. A	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
8.	E1162058	Mohamed Ali Jinna. R	/	/	/	/	/	/	/	/	a	/	/	/	/	/	/	/
9.	E1162059	Mohamed Anas. N	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
10.	E1162061	Mohamed Aslam. J	/	/	/	/	a	/	/	/	/	/	/	/	/	/	/	/
11.	E1162062	Mohamed Azarudeen. M	/	/	/	/	/	/	/	/	/	/	/	a	/	/	/	/

Amal
PRINCIPAL
M.I.E.T. ENGINEERING COLLEGE
GUNDUR, TIRUCHIRAPPALLI-620 007.

SNo	RollNo	Name	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
			1/7	9/7	12/7	15/7	19/7	24/7	27/7	31/8	27/8	30/8	2/9	11/9	20/9	26/9	27/9	16/10
12.	E1162065	Mohamed Bagath. M	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
13.	E1162066	Mohamed Basshar. J	/	/	/	/	a	/	/	/	/	/	/	/	/	/	/	/
14.	E1162067	Mohamed Bilal. S	/	/	/	/	/	/	/	/	/	a	/	/	/	/	/	/
15.	E1162068	Mohamed Farhan. K	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
16.	E1162069	Mohamed Gousi. A	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
17.	E1162070	Mohamed Ibrahim. K	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a
18.	E1162071	Mohamed Ibrahim. S	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
19.	E1162072	Mohamed Irfan. J	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
20.	E1162073	Mohamed Jawahir. Y	/	a	/	/	/	/	/	/	/	/	/	/	/	/	/	/
21.	E1162074	Mohamed Jifri. A	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
22.	E1162075	Mohamed Kather Sherif. P	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
23.	E1162076	Mohamed Muncer. P	/	/	/	/	a	/	/	/	/	/	/	/	/	/	/	/
24.	E1162077	Mohamed Murshied. M.A	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
25.	E1162079	Mohamed Riaz. S	/	/	/	/	/	/	/	/	/	/	a	/	/	/	/	/
26.	E1162080	Mohamed Rifath Ali. T.A	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
27.	E1162081	Mohamed Safeek. S	/	a	/	/	/	/	/	/	/	/	/	/	/	/	/	/
28.	E1162082	Mohamed Salman. S	/	/	/	/	/	/	/	/	/	/	/	a	/	/	/	/
29.	E1162083	Mohamed Sheik Dawood. S	/	/	/	/	a	/	/	/	/	/	/	/	/	/	/	/


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SNo	RollNo	Name	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
			4/7	9/7	12/7	16/7	19/7	24/7	27/7	31/8	27/8	30/8	24/9	27/9	26/9	20/9	20/09	16/10
30.	E1162084	Mohamed Sirajudeen. M.A	/	/	a	/	/	/	/	/	/	/	/	/	/	/	/	/
31.	E1162086	Mohammed Annas. M.A	/	/	/	/	/	/	/	/	/	/	/	/	/	/	bc	/
32.	E1162087	Mohammed Rashik. M	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
33.	E1162088	Mohammed Sulthan. H	/	/	/	/	/	/	/	a	/	/	/	/	/	/	/	/
34.	E1162089	Mugeshkanna. V	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
35.	E1162090	Mugilan. M	/	/	a	a	/	/	/	/	/	/	/	/	/	/	/	/
36.	E1162092	Muralikrishnan. B	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
37.	E1162093	Naga Srinivasan. R	/	/	/	/	/	/	/	/	/	a	/	/	/	/	/	/
38.	E2172152	Abdul Basith. J	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
39.	E2172154	Akthar Ali. Z	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
40.	E2172155	Augustin Pon Joshua. A	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
41.	E2172156	Bhuvaneshwaran. K	/	/	a	/	/	/	/	/	/	/	/	/	/	/	/	/
42.	E2172158	Dinesh Raj. M	/	/	/	/	/	/	/	/	/	a	/	/	/	/	/	/
43.	E2172159	Gokula Priyan. A	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
44.	E2172166	Karthikraja. K	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a
45.	E2172171	Mohamed Abdul Irfan. I	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
46.	E2172174	Mohamed Azeethu. N	/	/	/	/	/	a	/	/	/	/	/	/	/	/	/	/
47.	E2172175	Mohamed Azwan. M	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/


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GUNDUR, TIRUCHIRAPPALLI-620 007.

SNo	RollNo	Name	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
			1/7	2/7	3/7	4/7	5/7	6/7	7/7	8/7	9/7	10/7	11/7	12/7	13/7	14/7	15/7	16/7
48.	E2172180	Mohamed Thariq. M	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
49.	E2172182	Mohammed Sukar. K	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
50.	E2172185	Mohd Asif Rahamathullah Labbai	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
51.	E2172186	Mounika. M	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
52.	E2172188	Muthuramalingam. M	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a
Total No Students Presents			19	17	16	14	15	10	10	17	10	16	16	17	18	14	18	19
Total No Students Absent			3	5	0	3	7	1	1	5	1	6	6	5	1	3	1	3
Signature Course Coordinator			KL	KL	KL	KL	KL	KL	KL	KL	KL	KL	KL	KL	KL	KL	KL	KL

K. J. Jagan
Course Coordinator

S. J. Jagan
HoD

A. J. Jagan
Principal

A. J. Jagan
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Email: principallengg@miet.edu, contact@miet.edu
Website: - www.miet.edu

Ph: 0431 - 2660 303

Certificate Program Assessment Test

Name of the course: Machine drawing and steel structural detailing by using Auto cad software

Course Code: ME18192

Academic Year: 2018-19

Time: 01:00 hrs

Date: 16.10.2018

Answer All the Questions (5*2=10)

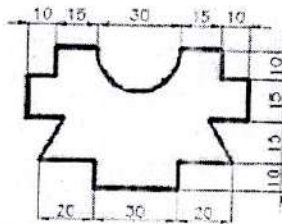
PART-A

1. Write the ORTHO ON/OFF command.
2. Write Assembly of 3D model command.
3. Change of dimension style command.
4. Give the A4 and A0 Sheet Size.
5. Give the command to join two solid models.

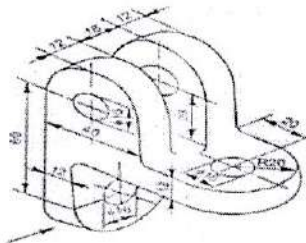
Answer All the Questions (4*10=40)

PART - B

6. Draw the 2D drawing with help of AutoCAD.



7. Draw the 3D Model of given solid.



K. Dajha
Course Coordinator

S. An
HoD/Mech

[Signature]
Principal

[Signature]
PRINCIPAL

M.I.E.T. ENGINEERING COLLEGE
GUNDUR, TIRUCHIRAPPALLI-620 007.



M.I.E.T. ENGINEERING COLLEGE

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai)
TRICHY - PUDUKKOTTAI ROAD, TIRUCHIRAPPALLI - 620 007.
Email: principalengg@miet.edu, contact@miet.edu
Website: - www.miet.edu

Ph: 0431 - 2660 303

One Page Report

Name of the course: Machine drawing and steel structural detailing by using Auto cad software

Course Code: ME18191

Course coordinator: Mr. K.Rajasekar, AP/Mech and Mr. I. Devaraj, AP/Mech

Total Hours: 31 Hrs

Academic Year: 2018 - 2019

We hereby affirm that the entire course contents in the certificate program "Machine drawing and steel structural detailing by using Auto cad software" listed in the certificate program syllabus have been performed by the students as the part of the prescribed co - curricular activities through certificate program by NAAC and NBA.

We confirmed that the Certificate Program title as "Machine drawing and steel structural detailing by using Auto cad software" was done by me in the beginning of the semester and course delivery with attendance of the students were recorded.

We confirmed that all the students for this Certificate Program were actively attended and performed well throughout the duration and eligible students received the participation certificate.


Course Coordinator


HoD/Mech


Principal


PRINCIPAL
M.I.E.T. ENGINEERING COLLEGE
GUNDUR, TIRUCHIRAPPALLI-620 007.

M.I.E.T. ENGINEERING COLLEGE

Trichy, Pudukkottai Road, Trichy - 620 007.



Course Completion Certificate

This is to Certify that Mr/Ms. K. Mahiselvam

of Third Year Mechanical Engg has Completed the Course on
Machine drawing and Stress Structures
sketching by using AutoCAD Software from 04/07/18 to 16/10/18

K. Rajan
Course Coordinator

S. N. V.
Hod

A. R. J.
Principal

A. R. J.
PRINCIPAL
M.I.E.T. ENGINEERING COLLEGE
GUNDUR, TIRUCHIRAPPALLI-620 007.

M.I.E.T. ENGINEERING COLLEGE

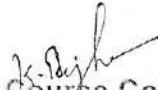
Trichy, Pudukkottai Road, Trichy - 620 007.



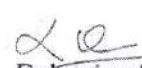
Course Completion Certificate

This is to Certify that Mr/Ms. M. MOHAMED AZARUDEEN

of THIRD YEAR MECHANICAL ENGINEERING has Completed the Course on
MACHINE DRAWING AND STEEL STRUCTURAL
DETAILING BY USING AUTO CAD SOFTWARE from 04/07/2018 to 16/6/2019


Course Coordinator


Hod


Principal


PRINCIPAL
M.I.E.T. ENGINEERING COLLEGE
GUNDUR, TIRUCHIRAPPALLI-620 007.



M.I.E.T. ENGINEERING COLLEGE

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TRICHY – PUDUKKOTTAI ROAD, TIRUCHIRAPPALLI – 620 007.

Email: principalengg@miet.edu; contact@miet.edu

Website: -www.miet.edu

Ph: 0431 – 2660 303

Course Delivery

Name of the Course: Machine drawing and steel structural detailing by using Auto cad software

Course Code: ME18191

Course Coordinator: Mr. T. Ramkumar, AP/Mech and Mr. T. Prabakaran, AP/Mech

Total Hours: 31 Hrs

Academic Year: 2018-19

Sl.No	Topics to be Covered	Hours	Date of Delivery
1.	Need of Graphical Language Importance Machine Drawing Introduction to AutoCAD	6	5.07.2018
2.	Assembly, Part and Detailed Drawing Bill of materials in Drawing		10.07.2018
3.	Dimensioning Annotations Other basic Commands		13.07.2018
4.	Inclined Bracket Part model of inclined bracket Detailing	12	17.07.2018
5.	Inclined Bracket Assembly Detailing		20.07.2018
6.	Tool Post Part model of Tool Post Detailing		25.07.2018
7.	Tool Post Assembly Detailing		30.07.2018
8.	Jigs Part Model of Jigs and Fixture Assembly Detailing		2.08.2018
9.	Fixture Part Model of Jigs and Fixture Assembly Detailing		28.08.2018
10.	Steel Structural Detailing General Arrangement Standard Structural Members	12	31.08.2018
11.	Standard Structural Members		14.09.2018


PRINCIPAL

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GUNDUR, TIRUCHIRAPPALLI-620 007.

Sl.No	Topics to be Covered	Hours	Date of Delivery
12.	Beam Connections Beam-Column		18.09.2018
13.	Beam Connections Beam-Beam Moment and Shear connections		24.09.2018
14.	Detailing of Base Plate, Gusset plate and Bracing		27.09.2018
15.	Detailing of Steel Structures		1.10.2018
16.	Test and Evaluation	1	17.10.2018



Course Coordinator



HoD



Principal



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M.I.E.T. ENGINEERING COLLEGE

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TRICHY - PUDUKKOTTAI ROAD, TIRUCHIRAPPALLI - 620 007.
Email: principalengg@miet.edu, contact@miet.edu
Website: - www.miet.edu

Ph: 0431 - 2660 303

One Page Report

Name of the course: Machine drawing and steel structural detailing by using Auto cad software

Course Code: ME18191

Course coordinator: Mr. T. Ramkumar, AP/Mech and Mr. T. Prabakaran, AP/Mech

Total Hours: 30 Hrs

Academic Year: 2018 - 2019

We hereby affirm that the entire course contents in the certificate program "Machine drawing and steel structural detailing by using Auto cad software" listed in the certificate program syllabus have been performed by the students as the part of the prescribed co - curricular activities through certificate program by NAAC and NBA.

We confirmed that the Certificate Program title as "Machine drawing and steel structural detailing by using Auto cad software" was done by me in the beginning of the semester and course delivery with attendance of the students were recorded.

We confirmed that all the students for this Certificate Program were actively attended and performed well throughout the duration and eligible students received the participation certificate.

Course Coordinator

HoD/Mech

Principal

PRINCIPAL
M.I.E.T. ENGINEERING COLLEGE
GUNDUR, TIRUCHIRAPPALLI-620 007.



M.I.E.T. ENGINEERING COLLEGE

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TRICHY - PUDUKKOTTAI ROAD, TIRUCHIRAPPALLI - 620 007.
Email: principalengg@miet.edu, contact@miet.edu
Website: - www.miet.edu

PH: 0431 - 2660 303

Certificate Program Assessment Test

Name of the course: Machine drawing and steel structural detailing by using Auto cad software
Course Code: ME18192
Academic Year: 2018-19

Time: 01:00 hrs
Date: 17.10.18

Answer All the Questions (5*2=10)

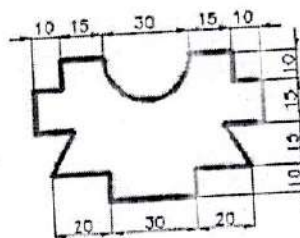
PART-A

1. Write the ORTHO ON/OFF command.
2. Write Assembly of 3D model command.
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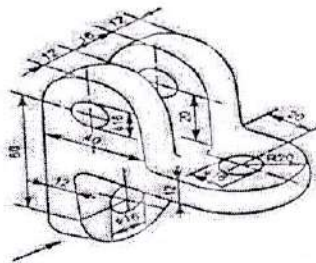
Answer All the Questions (4*10=40)

PART - B

6. Draw the 2D drawing with help of AutoCAD.



7. Draw the 3D Model of given solid.



[Signature]
Course Coordinator

[Signature]
HoD/Mech

[Signature]
Principal

[Signature]
PRINCIPAL
M.I.E.T. ENGINEERING COLLEGE
GUNDUR, TIRUCHIRAPPALLI-620 007.



M.I.E.T. ENGINEERING COLLEGE

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 Email: principal@miet.edu, contact@miet.edu
 Website: www.miet.edu

Ph: 0431 - 2660 303

Certificate Program (III Year - V Semester)

Attendance Sheet

Name of the course: Machine drawing and steel structural detailing by using Auto CAD software

Course code: ME18191

Course coordinator: T. Ramkumar, AP/Mech and T. Prabakaran, AP/Mech

Academic Year: 2018-19

SNo	Roll No	Name	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1.	E2172189	Nagarajan. S	5/7	10/7	13/7	17/7	20/7	25/7	30/7	2/8	8/8	3/8	4/9	8/9	20/9	27/9	1/10	17/10
2.	E2172191	Prakash. P	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
3.	E2172202	Yusuf Sheriff. G	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
4.	E3152146	Naveen. D	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
5.	E3162149	Jayasurya. R	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
6.	E3162150	Subash. M	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
7.	E1162094	Nantha Kumar. S	a	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
8.	E1162095	Narasiman. V.S	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
9.	E1162097	Navaneethan. K.V	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
10.	E1162098	Niyaz Ahamed. A	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a
11.	E1162099	Pagathsingh. P	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/

A. Arif
 PRINCIPAL

M.I.E.T. ENGINEERING COLLEGE
 GUNDUR, TIRUCHIRAPPALLI-620 007.

SN _o	Roll No	Name	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
			5/7	10/7	13/7	17/7	20/7	25/7	30/7	2/8	27/8	31/9	30/9	24/9	27/9	28/9	1/10	11/10
12.	E1162100	Pandi, M	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
13.	E1162101	Parthiban, R	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
14.	E1162102	Ponkumar, M	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
15.	E1162103	Pramoth, S	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
16.	E1162104	Prasanth, A	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
17.	E1162105	Prasanth (13.12.1999), K	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
18.	E1162106	Prasanth (26.05.1999), K	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
19.	E1162111	Rajesh, M	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
20.	E1162112	Rameez Ali Raja, M	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a
21.	E1162114	Rishvanth, S	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
22.	E1162115	Robin Mano, B	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
23.	E1162116	Saiad Aamir Souhail, N	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
24.	E1162117	Sam Kalwin, S	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
25.	E1162118	Samuel, S	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
26.	E1162123	Sheik Abdul Muthalib, N	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
27.	E1162124	Sheik Mohaideen, I	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
28.	E1162125	Shri Hari Shandhanu, K	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
29.	E1162126	Sivaraman, S	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/


PRINCIPAL
M.I.E.T. ENGINEERING COLLEGE
GUNDUR, TIRUCHIRAPPALLI-620 007

SNo	Roll No	Name	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
			5/7	10/7	13/7	17/7	20/7	25/7	30/7	2/8	27/8	31/8	14/9	18/9	24/9	27/9	Vro	17/10
30.	E1162128	Sriram. S	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
31.	E1162131	Sundhar. S	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
32.	E1162132	Syed Ali. R	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
33.	E1162133	Syed Anwar Azeez. P	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
34.	E1162134	Syed Peer Javed. S.N	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
35.	E1162137	Uvaisur Rahman. H	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
36.	E1162138	Vaasim Ahamed. B.A	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
37.	E1162140	Vaseem Rahman. A	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
38.	E1162141	Vignesh (26.04.1998). R	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
39.	E1162142	Vignesh (08.04.1999). R	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
40.	E1162143	Vijayaraj. D	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
41.	E1162145	Yokesh. P	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
42.	E2172153	Abdul Rahim. A	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a
43.	E2172157	Deepan Chakkaravarthy. P.S	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
44.	E2172164	Jayaraj. Y	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
45.	E2172167	Manigandan. B	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
46.	E2172169	Manojkumar. M	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
47.	E2172170	Mohamed Aathil. S	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/


PRINCIPAL
M.I.E.T. ENGINEERING COLLEGE
GUNDUR, TIRUCHIRAPPALLI-620 007.

SNo	Roll No	Name	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
			5/7	10/7	13/7	17/7	20/7	25/7	29/7	30/7	31/8	31/8	14/9	18/9	24/9	27/9	Ver	17/10
48.	E2172183	Mohanasundaram. A	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
49.	E2172184	Mohanraj. K	/	/	/	/	/	/	/	/	/	/	a	/	/	/	/	/
50.	E2172196	Sriram. M.S	/	/	/	/	/	a	/	/	/	/	/	/	/	/	/	/
51.	E2172197	Suren. S	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
52.	E3162151	Peer Sulthan Rawther. N	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a
Total No Students Presents			47	48	48	48	48	47	48	48	48	48	47	48	48	48	48	48
Total No Students Absent			5	4	4	4	4	5	4	4	4	4	5	4	4	4	4	4
Signature Course Coordinator			/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/

[Signature]
Course Coordinator

[Signature]
HoD

[Signature]
Principal

[Signature]
PRINCIPAL
M.I.E.T. ENGINEERING COLLEGE
GUNDUR, TIRUCHIRAPPALLI-620 007.

M.I.E.T. ENGINEERING COLLEGE

Trichy, Pudukkottai Road, Trichy - 620 007.



Course Completion Certificate

This is to Certify that Mr/Ms. S. SRIRAM

of IV yr / VII sem MECH. ENGG. has Completed the Course on
M/c drawing and steel structural detailing
by using Autocad software from 05/07/2018 to 17/10/2018.


Course Coordinator


Hod


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GUNDUR, TIRUCHIRAPPALLI-620 007.


Principal

M.I.E.T. ENGINEERING COLLEGE

Trichy, Pudukkottai Road, Trichy - 620 007.



Course Completion Certificate

This is to Certify that Mr/Ms. Y. JAYARAJ.

of IVth/Vth sem MECH. Engg has Completed the Course on
M/c drawing and steel structural detailing
by using Auto cad software. from 05/07/2018 to 17/10/2018


Course Coordinator


Hod


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Principal



M.I.E.T. ENGINEERING COLLEGE

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TRICHY - PUDUKKOTTAI ROAD, TIRUCHIRAPPALLI - 620 007.
Email: principalengg@miet.edu, contact@miet.edu
Website: www.miet.edu

Ph: 0431 - 2660 303

Date: 28.06.2018

To

The Principal
M.I.E.T Engineering College,
Trichy - 620007

Respected Sir,

Sub: Permission to conduct the certificate program - Reg.

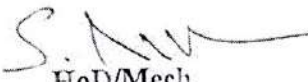
We have planned to conduct the certificate program for our final year students of Mechanical Engineering after the class hours (from 03.07.2018 to 17.10.2018)

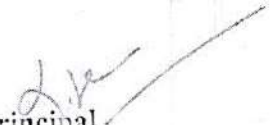
Name of the certificate program	Course Coordinator
Rapid Manufacturing Technologies	Dr.C.Ahilan Prof/Mech, K.Sundaravadivel AP/Mech, M.Visvam, AP/Mech, A.Pandianathan, AP/Mech, D.Manikandan AP/Mech and P.Pradeep AP/Mech

So kindly give us permission to conduct the course and to utilize the thermal Laboratory after class hours (05:15 P.M. to 07:15 P.M).

Thanking you


Course Coordinator


HoD/Mech


Principal


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GUNDUR, TIRUCHIRAPPALLI-620 007.



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Website: - www.miet.edu

Ph: 0431 - 2660 303

CIRCULAR

Date: 29.06.2018

Sub: Certificate program

It is planned to conduct the certificate program for the Final year Mechanical Engineering students after the class hours.

The certificate programs are short term certificate courses which are designed and offered by our department for the benefit of our students. Course will be conducted at free of cost and based on the performance of the participated students, the merit certificate will be issued after the successful completion of the course.

Students those who are willing to attend the below mentioned course can enroll their name to the course coordinator.

Name of the Certificate Program	Course Coordinators
Rapid Manufacturing Technologies	Dr.C.Ahilan Prof/Mech, K.Sundaravadivel AP/Mech, M.Visvam, AP/Mech, A.Pandianathan, AP/Mech, D.Manikandan AP/Mech and P.Pradeep AP/Mech
Commencement of course from 03.07.2018 to 17.10.2018 Time: 05.15 PM to 07.15 PM	

D.M.
Course Coordinator

IQAC Coordinator

HoD/Mech

Principal

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M.I.E.T. ENGINEERING COLLEGE
GUNDUR, TIRUCHIRAPPALLI-620 007.

M.I.E.T ENGINEERING COLLEGE, TRICHY – 7.
DEPARTMENT OF MECHANICAL ENGINEERING
Value Added Course (IV Year – VII Semester)

Course Syllabus

Name of the course: Rapid Manufacturing Technologies

Course Code: ME18192

Course Coordinators: Dr.C.Ahilan, Prof/Mech and P.Pradeep AP/ Mech

Total Hours: 30 Hrs

Academic Year: 2018-19

Objective

- To teach students about mechanical properties, geometric issues and post processing relating to specific rapid prototyping techniques.

Unit I – Introduction to Rapid Manufacturing 6

Additive Manufacturing evolution, Additive manufacturing processes and their relationship with subtractive manufacturing, Advantages of RM. Generalized rapid manufacturing process chain, Rapid Tooling –Benefits, Applications.

Unit II – Data Processing for Rapid Manufacturing 6

Conceptualization and CAD model preparation, data formats – Conversion to STL file format, Fixing the STL file, Part orientation, Support structure design, Model Slicing, Direct and adaptive slicing, Tool path generation.

Unit III – Rapid Manufacturing Processes, Materials and its application 6

Sintering, Powder Bed Fusion, extrusion, jetting, Photo-polymerization, direct-write, sheet lamination, directed-energy deposition and the latest state of the art. Multiple Materials, Hybrids, Composite Materials, current and future directions.

Unit IV – Design for Rapid Manufacturing (DFRM) 6

Core DFAM Concepts and Objectives: Complex Geometry, Customized Geometry, Integrated Assemblies and Elimination of Conventional design for manufacture (DFM) Constraints. RM Unique Capabilities, Exploring Design Freedoms and Design Tools for RM.

Unit V – Rapid Tooling 6

Direct tooling & Indirect Tooling methods, Applications of Rapid Tooling in Reaction Injection Molding, Wax Injection Molding, Vacuum Casting, RTV Silicone Rubber Molds, Spin-Casting, Cast Resin Tooling, Hydroforming and Thermoforming.


Course Outcome

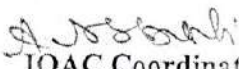
The students will be able to


1. Demonstrate the knowledge of Rapid Prototyping/Manufacturing technologies.
2. Get exposed to design rules for commercial Rapid Prototyping systems.
3. Possess the knowledge of the Rapid Prototyping software.
4. Create awareness of rapid manufacturing applications in tooling, biomedical, architecture, etc.,
5. Ability to use techniques, skills and modern engineering tools necessary for engineering practice

References

1. Ian Gibson, David W. Rosen, Brent Stucker, Additive Manufacturing Technologies: Rapid Prototyping to Direct Digital Manufacturing, 2nd Ed., Springer Science & Business Media, 2015.


Course Coordinator


IQAC Coordinator


HoD/Mech


Principal


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Willing Student list

CP-1 Course Coordinator: S. Thulasiram, K Panneer Selvam, K.Rajasekar and I. Devaraj,
T.Ramkumar and T. Prabakaran

CP-2 Course Coordinator: Dr.C.Ahilan, K.Sundaravadivel, M.Visvam, A.Pandianathan,
D.Manikandan and P.Pradeep

CP-3 Course Coordinator: L S Narendhira, K.Ramesh, M.Dhandayuthabani, S.Kumaradevan,
Academic Year: 2018-19

S No	Roll No	Name	CP-1: Machine drawing and steel structural detailing by using Auto CAD software	CP-2: Rapid Manufacturing Technologies	CP-3: Manufacturing Automation
1	E1172001	Abdul Ajees. S			✓
2	E1172002	Abdul Azees. M			✓
3	E1172003	Abdulbagath. B			✓
4	E1172007	Abdul Rahman. A			✓
5	E1172008	Abubaker Siddik. P			✓
6	E1172009	Ahamed Meeran Sha. S			✓
7	E1172010	Ahamed Subair. K			✓
8	E1172011	Akash. R			✓
9	E1172013	Akbar Ali. A			✓
10	E1172015	Anbarasan. A			✓
11	E1172016	Antony Bright Sun. P			✓
12	E1172017	Antonypraveen. J			✓
13	E1172020	Arulkabiriyal. M			✓
14	E1172021	Arun Kumar. V			✓
15	E1172022	Arun Kumar. S			✓

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S	Roll	Name	CP-1:	CP-2:	CP-3:
16	E1172023	Arun Kumar. M			✓
17	E1172024	Bala Murugan. J			✓
18	E1172025	Basheer Ahamed. A			✓
19	E1172026	Benedict. A			✓
20	E1172027	Bharath. R			✓
21	E1172028	Bharathi. N			✓
22	E1172030	Chandran. C			✓
23	E1172031	Christober. P			✓
24	E1172032	Deepan. V			✓
25	E1172033	Devagar. U			✓
26	E1172034	Dhinesh. P.K			✓
27	E1172035	Ezaz Ahmed. A			✓
28	E1172037	Faizudeen. H			✓
29	E1172038	Felix Prabhakar. M			✓
30	E1172039	Haja Kamaludeen. G			✓
31	E1172040	Haris. J			✓
32	E1172041	Harishkumar. R			✓
33	E1172044	Jabbar Ali. A			✓
34	E1172045	Jafar Sharif. R			✓
35	E1172046	Jafer Sait. A			✓
36	E1172047	Jakir Hussain. A			✓
37	E1172048	Jamaludheen. S			✓
38	E1172049	Jayaseelan. S			✓
39	E1172050	John Ezekiah. D			✓
40	E1172051	Kabilan. R			✓
41	E1172052	Kabilan. KB			✓
42	E1172053	Kalaivanan. R			✓
43	E1172055	Kamalesh. M			✓
44	E1172056	Kamal Kishore. M			✓
45	E1172057	Karan K (13.03.2000). K			✓
46	E1172058	Karan K (10.05.2000). K			✓


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S	Roll	Name	CP-1:	CP-2:	CP-3:
47	E3172193	Nithish Kumar. M			
48	E2182168	Abdul Rahuman. T			✓
49	E2182174	Kirubakar. M			✓
50	E2182181	Naveen. A			✓
51	E2182183	Ragul. R			✓
52	E2182185	Rajavel. K			✓
53	E2182186	Rasith Ahamed. S			✓
54	E3172192	Jaser Ahamed. N			
55	E1172043	Ishwarya. M			✓
56	E1172059	Karthikeyan. S			✓
57	E1172060	Kavin Prabu. C			
58	E1172061	Kishore. C			✓
59	E1172063	Lenin. K			✓
60	E1172064	Mahesh. P			✓
61	E1172066	Manikandan. S			✓
62	E1172068	Mayakkannan. T.K			✓
63	E1172069	Mohamed Arif Aslam. S			✓
64	E1172070	Mohamed Asarudeen. A			✓
65	E1172071	Mohamed Asarudeen. J			✓
66	E1172072	Mohamed Ashif. M			✓
67	E1172073	Mohamed Azarudeen. M			✓
68	E1172074	Mohamed Faizal. J			
69	E1172075	Mohamed Farook Abdullah. A			✓
70	E1172076	Mohamed Hanifa. Z			✓
71	E1172077	Mohamed Hussain. M			
72	E1172078	Mohamed Ipthikarali. A			
73	E1172079	Mohamed Irfan. N			✓
74	E1172080	Mohamed Ismail. P			✓
75	E1172082	Mohamed Javith. M.K			✓
76	E1172083	Mohamed Kasankhan. S			✓
77	E1172084	Mohamed Malik. M			✓


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S	Roll	Name	CP-1:	CP-2:	CP-3:
78	E1172085	Mohamed Noorniswer. J			✓
79	E1172086	Mohamed Riyas. K			✓
80	E1172087	Mohamed Riyas. T			✓
81	E1172088	Mohamed Riyasdeen. M			✓
82	E1172089	Mohamed Shaheen Shahul Hameed			✓
83	E1172090	Mohamed Wasim (21.08.2000). S			✓
84	E1172091	Mohammed Abbas. M			✓
85	E1172093	Mohammed Hassan. S			✓
86	E1172095	Mohammed Rasik. A			✓
87	E1172096	Mohamed Wassim(10.07.2000). S			✓
88	E1172097	Mohan Raj. G			✓
89	E1172100	Muthu Kumar. M			✓
90	E1172101	Muzammil Hussain. AR			✓
91	E1172102	Naveen Kumar. D			
92	E1172103	Nepoliyan. M			
93	E1172104	Nihal Ahamed. F			✓
94	E1172107	Noordeen. S			✓
95	E1172108	Noor Mohamed. A			✓
96	E1172110	Paline Pradhupa. I			✓
97	E1172112	Peer Mohamed. S			✓
98	E2182170	Abu Faizel. S			✓
99	E2182171	Faizal Khan. R			✓
100	E2182172	Kannappan. P			✓
101	E2182173	Karthikeyan. V			
102	E2182178	Mohamed Haroon Razeeth. K			✓
103	E2182182	Praveen Kumar. M			✓
104	E2182188	Sabeer Khan. A			✓
105	E1172114	Prasanth. R			✓
106	E1172115	Raamkumar. M			✓
107	E1172119	Rahul. E			✓
108	E1172120	Riyash Ahamed. M			✓


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S	Roll	Name	CP-1:	CP-2:	CP-3:
109	E1172121	Sabi. S			✓
110	E1172122	Sadham Abbas. R			✓
111	E1172126	Sarathkumar. M			✓
112	E1172127	Satham Usean. B			✓
113	E1172128	Sellavel. R			✓
114	E1172129	Selvaarasu. T			✓
115	E1172130	Selva Ganapathi. M			✓
116	E1172131	Shagul Hameed. I			✓
117	E1172132	Shagul Hameed. M			✓
118	E1172133	Shagul Hameed. SN			✓
119	E1172134	Shahul Abdul Rahman. M			✓
120	E1172135	Shaik Shafeeque Mohamed. S			✓
121	E1172136	Shanmuganathan. T			✓
122	E1172137	Sheik Azarudeen. A			✓
123	E1172138	Siva. K			✓
124	E1172139	Sivadoss. K			✓
125	E1172140	Sivanesan. S			✓
126	E1172141	Sivasundar. J			✓
127	E1172142	Sowkath Ali. M			✓
128	E1172143	Sridhar. S			✓
129	E1172144	Sri Ram. K			✓
130	E1172145	Stephen Yesudoss. S			✓
131	E1172146	Subash. G			✓
132	E1172147	Sudhakar. C			✓
133	E1172148	Suganthan. S			✓
134	E1172149	Suresh Krishna. D			✓
135	E1172150	Suriya. J.S			✓
136	E1172151	Susil Kumar. E			✓
137	E1172152	Syed Nissar. Z			✓
138	E1172154	Tamilarasan. M			✓
139	E1172155	Tamilarasan. S			✓


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S	Roll	Name	CP-1:	CP-2:	CP-3:
140	E1172156	Thamizhan. V			✓
141	E1172157	Thamotharan. A			✓
142	E1172158	Vadivazhagan. E			✓
143	E1172159	Vasanth. L			✓
144	E1172160	Vasanth. S			✓
145	E1172161	Vasanth. T			✓
146	E1172162	Vengatesh. J			✓
147	E1172164	Vijayaprakash. V			✓
148	E1172165	Vijayakrishnan. T			✓
149	E2182175	Kirubanandam. R			✓
150	E2182176	Marimuthu. M			✓
151	E2182180	Muthu Karuppan. R			✓
152	E2182187	Renganathan. P			✓
153	E2182189	Tamilarasan. S			✓
154	E2182190	Vignesh. T			✓
155	E1162001	Abdul Basith. S	✓		
156	E1162002	Abdul Rahuman Fahath. U	✓		
157	E1162003	Abdul Riyaz. J	✓		
158	E1162004	Abdullah Haja Mydeen	✓		
159	E1162007	Ajmal. S	✓		
160	E1162008	Akash. K			
161	E1162009	Akash. M	✓		
162	E1162010	Akashvarma. S	✓		
163	E1162011	Antony David. T	✓		
164	E1162012	Aravindhan. E	✓		
165	E1162013	Anwar Kaleem. S	✓		
166	E1162014	Arun. A			
167	E1162016	Arunkumar. M	✓		
168	E1162017	Ashik Salman. N	✓		
169	E1162018	Ashiq Basha. R	✓		
170	E1162019	Askar Hussian. A	✓		


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S	Roll	Name	CP-1:	CP-2:	CP-3:
171	E1162020	Asrar Ahamed. S	✓		
172	E1162021	Athief. S	✓		
173	E1162022	Azarutheen. K	✓		
174	E1162023	Babu. P	✓		
175	E1162024	Balaji. G	✓		
176	E1162025	Balakumar. P	✓		
177	E1162026	Balakumaran. M	✓		
178	E1162027	Balamurugan. Y	✓		
179	E1162028	Baseer Ahamed. A			
180	E1162029	Chandra Kumar. M	✓		
181	E1162030	Chandru. M	✓		
182	E1162031	Enayathulla. R	✓		
183	E1162032	Eswaran. S	✓		
184	E1162033	Fahadaameer. R	✓		
185	E1162036	Fizal. A	✓		
186	E1162037	George Andrews. M			
187	E1162039	Hari Haran. R	✓		
188	E1162040	Ilangeshwaran. R	✓		
189	E1162041	Jafar Sathik. M	✓		
190	E1162042	Jeevankumar. S	✓		
191	E1162043	Kajini Mohamed. N	✓		
192	E1162044	Kalaivendhan. G			
193	E1162045	Kamaludeen. I	✓		
194	E1162046	Kamaraj. K	✓		
195	E1162047	Karthikeyan. D	✓		
196	E1162049	Kaviyaran. P	✓		
197	E2172160	Gowtham. M	✓		
198	E2172161	Hari Haran. S	✓		
199	E2172162	Jaferhussian. R	✓		
200	E2172163	Jaya Eswar. S.A	✓		
201	E2172168	Manikandan. M	✓		


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S	Roll	Name	CP-1:	CP-2:	CP-3:
202	E2172172	Mohamed Ajithkhan. R	✓		
203	E2172176	Mohamed Khalith. J	✓		
204	E2172177	Mohamed Mukthar. M	✓		
205	E2172190	Pavithra Kumar. S	✓		
206	E2172192	Sabarish Kumar. P	✓		
207	E2172193	Siva. S	✓		
208	E2172195	Siavanesan. M	✓		
209	E2172199	Vignesh. P			
210	E2172200	Vijay. R	✓		
211	E3162148	Arun. K			
212	E1162048	Karunamoorthy. P	✓		
213	E1162050	Mahadheer Mohamed. A	✓		
214	E1162051	Mahesh. T	✓		
215	E1162052	Mangaiyarkarasi. R	✓		
216	E1162053	Manikandan. M	✓		
217	E1162054	Manoj. C	✓		
218	E1162055	Manojkumar. S	✓		
219	E1162056	Mariselvam. K	✓		
220	E1162057	Mohamad Marjuk. A	✓		
221	E1162058	Mohamed Ali Jinna. R	✓		
222	E1162059	Mohamed Anas. N	✓		
223	E1162061	Mohamed Aslam. J	✓		
224	E1162062	Mohamed Azarudeen. M	✓		
225	E1162065	Mohamed Bagath. M	✓		
226	E1162066	Mohamed Basshar. J	✓		
227	E1162067	Mohamed Bilal. S	✓		
228	E1162068	Mohamed Farhan. K	✓		
229	E1162069	Mohamed Gousi. A	✓		
230	E1162070	Mohamed Ibrahim. K	✓		
231	E1162071	Mohamed Ibrahim. S	✓		
232	E1162072	Mohamed Irfan. J	✓		


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S	Roll	Name	CP-1:	CP-2:	CP-3:
233	E1162073	Mohamed Jawahir. Y	✓		
234	E1162074	Mohamed Jifri. A	✓		
235	E1162075	Mohamed Kather Sherif. P	✓		
236	E1162076	Mohamed Muneer. P	✓		
237	E1162077	Mohamed Murshied. M.A	✓		
238	E1162078	Mohamed Reskallah. US			
239	E1162079	Mohamed Riaz. S	✓		
240	E1162080	Mohamed Rifath Ali. T.A	✓		
241	E1162081	Mohamed Safeek. S	✓		
242	E1162082	Mohamed Salman. S	✓		
243	E1162083	Mohamed Sheik Dawood. S	✓		
244	E1162084	Mohamed Sirajudeen. M.A	✓		
245	E1162086	Mohammed Annas. M.A	✓		
246	E1162087	Mohammed Rashik. M	✓		
247	E1162088	Mohammed Sulthan. H	✓		
248	E1162089	Mugeshkanna. V	✓		
249	E1162090	Mugilan. M	✓		
250	E1162091	Mukilan. U			
251	E1162092	Muralikrishnan. B	✓		
252	E1162093	Naga Srinivasan. R	✓		
253	E2172152	Abdul Basith. J	✓		
254	E2172154	Akthar Ali. Z	✓		
255	E2172155	Augustin Pon Joshua. A	✓		
256	E2172156	Bhuvaneshwaran. K	✓		
257	E2172158	Dinesh Raj. M	✓		
258	E2172159	Gokula Priyan. A	✓		
259	E2172166	Karthikraja. K	✓		
260	E2172171	Mohamed Abdul Irfan. I	✓		
261	E2172174	Mohamed Azeethu. N	✓		
262	E2172175	Mohamed Azwan. M	✓		
263	E2172180	Mohamed Thariq. M	✓		


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S	Roll	Name	CP-1:	CP-2:	CP-3:
264	E2172182	Mohammed Sukar. K	✓		
265	E2172185	Mohd Asif Rahamathullah Labbai	✓		
266	E2172186	Mounika. M	✓		
267	E2172188	Muthuramalingam. M	✓		
268	E2172189	Nagarajan. S	✓		
269	E2172191	Prakash. P	✓		
270	E2172202	Yusuf Sheriff. G	✓		
271	E3152146	Naveen. D	✓		
272	E3162149	Jayasurya. R	✓		
273	E3162150	Subash. M	✓		
274	E1162094	Nantha Kumar. S	✓		
275	E1162095	Narasiman. V.S	✓		
276	E1162096	Nasirudeen. N			
277	E1162097	Navaneethan. K.V	✓		
278	E1162098	Niyaz Ahamed. A	✓		
279	E1162099	Pagathsingh. P	✓		
280	E1162100	Pandi. M	✓		
281	E1162101	Parthiban. R	✓		
282	E1162102	Ponkumar. M	✓		
283	E1162103	Pramoth. S	✓		
284	E1162104	Prasanth. A	✓		
285	E1162105	Prasanth (13.12.1999). K	✓		
286	E1162106	Prasanth (26.05.1999). K	✓		
287	E1162111	Rajesh. M	✓		
288	E1162112	Rameez Ali Raja. M	✓		
289	E1162114	Rishvanth. S	✓		
290	E1162115	Robin Mano. B	✓		
291	E1162116	Saiad Aamir Souhail. N	✓		
292	E1162117	Sam Kalwin. S	✓		
293	E1162118	Samuel. S	✓		
294	E1162123	Sheik Abdul Muthalib. N	✓		


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S	Roll	Name	CP-1:	CP-2:	CP-3:
295	E1162124	Sheik Mohaideen. I	✓		
296	E1162125	Shri Hari Shandhanu. K	✓		
297	E1162126	Sivaraman. S	✓		
298	E1162128	Sriram. S	✓		
299	E1162130	Sukumaran. R			
300	E1162131	Sundhar. S	✓		
301	E1162132	Syed Ali. R	✓		
302	E1162133	Syed Anwar Azeez. P	✓		
303	E1162134	Syed Peer Javed. S.N	✓		
304	E1162137	Uvaisur Rahman. H	✓		
305	E1162138	Vaasim Ahamed. B.A	✓		
306	E1162139	Varnaraj. P			
307	E1162140	Vaseem Rahman. A	✓		
308	E1162141	Vignesh (26.04.1998). R	✓		
309	E1162142	Vignesh (08.04.1999). R	✓		
310	E1162143	Vijayaraj. D	✓		
311	E1162145	Yokesh. P	✓		
312	E3152204	Ragul Raj. C			
313	E3152205	Ranjith. S			
314	E2172153	Abdul Rahim. A	✓		
315	E2172157	Deepan Chakkaravarthy. P.S	✓		
316	E2172164	Jayaraj. Y	✓		
317	E2172165	Kabilan. G			
318	E2172167	Manigandan. B	✓		
319	E2172169	Manojkumar. M	✓		
320	E2172170	Mohamed Aathil. S	✓		
321	E2172178	Mohamed Sajid. S			
322	E2172179	Mohamed Sharif. I			
323	E2172181	Mohamed Yahya. M			
324	E2172183	Mohanasundaram. A	✓		
325	E2172184	Mohanraj. K	✓		


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S	Roll	Name	CP-1:	CP-2:	CP-3:
326	E2172187	Muruganantham. S			
327	E2172196	Sriram. M.S	✓		
328	E2172197	Suren. S	✓		
329	E2172198	Suricya. M			
330	E3152147	Thowfeek Raja. N			
331	E3162151	Peer Sulthan Rawther. N	✓		
332	E1152001	Abdul Basith. A		✓	
333	E1152002	Abdul Jaffar. A.B		✓	
334	E1152003	Adheeb. A		✓	
335	E1152004	Ahamed Rilah. S		✓	
336	E1152005	Ajith Kumar (19.12.1997). B			
337	E1152007	Ajithkumar. R		✓	
338	E1152008	Akash. A		✓	
339	E1152009	Alfred John		✓	
340	E1152010	Aloysius Thomas. X		✓	
341	E1152011	Ambicapathi. C		✓	
342	E1152012	Anaest Raj. K		✓	
343	E1152013	Anees Mohamed. U		✓	
344	E1152014	Anes Rahman. N		✓	
345	E1152015	Aravindhan. K.R		✓	
346	E1152016	Arivunithi. M			
347	E1152017	Arul Pravin. T		✓	
348	E1152018	Arun Prakash. S		✓	
349	E1152019	Arun Kumar. M		✓	
350	E1152020	Aswin. N			
351	E1152021	Balamurugan. P		✓	
352	E1152022	Bharathi. B		✓	
353	E1152024	Devendran. G		✓	
354	E1152025	Dhinesh. M		✓	
355	E1152026	Dhinesh. S		✓	
356	E1152027	Dinesh Kumar. S		✓	


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GUNDUR, TIRUCHIRAPPALLI-620 007.

S	Roll	Name	CP-1:	CP-2:	CP-3:
357	E1152028	Diwan Mohamed Hasan. S			
358	E1152029	Eniyan. V		✓	
359	E1152030	Fasil Ahamed. M.S		✓	
360	E1152031	Ferose Ahamed. L		✓	
361	E1152032	Gokulakrishnan. S		✓	
362	E1152033	Gopal. A		✓	
363	E1152034	Gopinaath. M		✓	
364	E1152035	Gouthamaraj. M		✓	
365	E1152036	Gowthaman. C		✓	
366	E1152037	Gunasekar. M		✓	
367	E1152038	Haamith Asraf. T		✓	
368	E1152039	Habeeb Mohamed. N		✓	
369	E1152040	Harish. A		✓	
370	E1152041	Ibrahim. T			
371	E1152043	Infant Fredrick. L		✓	
372	E1152045	Jegan Prabhu. A		✓	
373	E1152046	Joseph Pathiyanathan. T		✓	
374	E1152047	Kader Meera. J		✓	
375	E1152048	Kalaiselvan. M		✓	
376	E2162164	Abdhul Hameed. S		✓	
377	E2162165	Abivijesh. A.V		✓	
378	E2162166	Abuthakir Fareed. A		✓	
379	E2162167	Adaikala Andrews. A		✓	
380	E2162168	Alwhar Balaji. A		✓	
381	E2162169	Anandhan. S		✓	
382	E2162170	Aravindh. K		✓	
383	E2162171	Aravinthan. K		✓	
384	E2162172	Arunkumar. K.R		✓	
385	E2162173	Ashik Khan. A		✓	
386	E2162174	Asik Deen. S		✓	
387	E2162175	Aswin. J		✓	


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S	Roll	Name	CP-1:	CP-2:	CP-3:
388	E2162176	Binu Denis. J		✓	
389	E2162177	Blessing. I		✓	
390	E2162178	Cicel Jerom. S		✓	
391	E2162179	Daniel Jayakumar. A		✓	
392	E2162180	Edwin Irudhayaraj. U		✓	
393	E2162181	Gideon Sathiyanesan. K		✓	
394	E2162182	Gobikrishna. P		✓	
395	E2162183	Gopala Krishnan. S		✓	
396	E2162184	Gowtham. M		✓	
397	E3152159	Anandhasudhan. E		✓	
398	E3152160	Ariff Kamaldeen. M		✓	
399	E1152050	Kapil. R		✓	
400	E1152051	Karpoorasundarapandi. M			
401	E1152052	Karthick. M		✓	
402	E1152053	Karunakaran. R		✓	
403	E1152054	Karuppu Durai. K.A		✓	
404	E1152055	Kaviyarasan. E		✓	
405	E1152058	Mahendra Boopathy. S		✓	
406	E1152059	Maheswaran. K		✓	
407	E1152060	Manikandan. N		✓	
408	E1152061	Manikandan. R		✓	
409	E1152062	Manivannan. K			
410	E1152063	Maruthupandiyar. A		✓	
411	E1152064	Mathiselvan. T		✓	
412	E1152066	Mohamed Ajmal. J		✓	
413	E1152067	Mohamed Ashar Maricar. S		✓	
414	E1152068	Mohamed Asif. N		✓	
415	E1152070	Mohamed Hanifa. K			
416	E1152071	Mohamed Ibrahim Fazil. H			
417	E1152072	Mohamed Irfan. M		✓	
418	E1152073	Mohamed Ismail. S		✓	


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S	Roll	Name	CP-1:	CP-2:	CP-3:
419	E1152074	Mohamed Muzzamil. A		✓	
420	E1152075	Mohamed Niyas. M		✓	
421	E1152076	Mohamed Shaik Dawood. A.M.N		✓	
422	E1152077	Mohamed Sherif. N.S		✓	
423	E1152079	Mohamed Ibrahim. S		✓	
424	E1152080	Mohamedmohideen. A		✓	
425	E1152081	Mohammed Ibrahim Ali. J		✓	
426	E1152082	Mohammed Rahil. S		✓	
427	E1152083	Mouleeshwaran. B		✓	
428	E1152084	Mubarak Ali. N		✓	
429	E1152085	Muhammed Ismail. S		✓	
430	E1152086	Mushtaq Ahamed. J		✓	
431	E1152088	Muthukumar. S		✓	
432	E1152089	Muthumohamedniyas. H		✓	
433	E1152090	Nabeel Ahamed. M		✓	
434	E1152093	Nanthakumar. V		✓	
435	E1152094	Nasik Ahamed. M		✓	
436	E1152096	Nikhil Karan.M. M		✓	
437	E1152097	Pappu Raja. K		✓	
438	E1152098	Parthasarathi. S			
439	E1152099	Parthasarathy. M			
440	E1152100	Pavithran. V			
441	E1152101	Prabakaran. J			
442	E1152102	Prabhu Raja. M			
443	E2162185	Gunaseelan. J		✓	
444	E2162186	Gunaseelan. Y		✓	
445	E2162187	Iyappan. S		✓	
446	E2162188	Jahir Ushain. B			
447	E2162189	Jaya Prakash. P			
448	E2162190	John Venis. J		✓	
449	E2162191	Joshva Amrish. A		✓	

A.L.S.
PRINCIPAL

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GUNDUR, TIRUCHIRAPPALLI-620 007.

S	Roll	Name	CP-1:	CP-2:	CP-3:
450	E2162192	Lenin. A		✓	
451	E2162193	Logasarathi. M			
452	E2162194	Mageshwaran. R		✓	
453	E2162195	Manikandan. V		✓	
454	E2162196	Manimaran.N. N		✓	
455	E2162197	Manuram. R		✓	
456	E2162198	Mohamed Abdullah. K		✓	
457	E2162199	Mohamed Farook. M		✓	
458	E2162200	Mohamed Ibrahim. K		✓	
459	E2162201	Mohamed Sabeer. S		✓	
460	E2162202	Mohamed Ujaier. N		✓	
461	E2162203	Mohamed Zainal Zameer. M		✓	
462	E2162204	Mohammed Yashar. M		✓	
463	E2162206	Nandha Kumar. B		✓	
464	E2162207	Naveen Vignesh. V		✓	
465	E1152103	Pradeepkumar. S			
466	E1152104	Praisson.T.Abraham		✓	
467	E1152105	Premkumar. B		✓	
468	E1152107	Rahumankhan. A		✓	
469	E1152108	Raj Mathan. G			
470	E1152109	Raja Mohamed. S		✓	
471	E1152110	Rajadurai. I		✓	
472	E1152111	Rajeshwar. K		✓	
473	E1152112	Rajkumar. E		✓	
474	E1152113	Rajkumar. S		✓	
475	E1152114	Ramana Priyan. K		✓	
476	E1152115	Ranjith Kumar. A		✓	
477	E1152117	Renold Praveen. J		✓	
478	E1152118	Rohith Basha. A		✓	
479	E1152119	Sabari. C			
480	E1152121	Sameer Ahamed. M.A			

[Handwritten Signature]
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S	Roll	Name	CP-1:	CP-2:	CP-3:
481	E1152122	Saminathan. S		✓	
482	E1152124	Santhosh Kumar. P		✓	
483	E1152125	Santhosh. T		✓	
484	E1152126	Sathish Kumar. K		✓	
485	E1152127	Sathish Kumar. S		✓	
486	E1152128	Selva Bharathi. I		✓	
487	E1152130	Shiek Deen Mohammed. N		✓	
488	E1152132	Sivasankaran. N		✓	
489	E1152133	Sivashankar. M		✓	
490	E1152134	Siva Shankar. S		✓	
491	E1152136	Suresh. R		✓	
492	E1152137	Suriyaprakash. R		✓	
493	E1152138	Surya. R			
494	E1152140	Syed Mohamed Saifudhen Quadri			
495	E1152141	Thamemul Ansary. M			
496	E1152142	Tharik Ahamed Kasim. T			
497	E1152143	Thariq Zamaan. A		✓	
498	E1152144	Thinakaran. D			
499	E1152145	Thineshkumar. K		✓	
500	E1152146	Tom Alan Doss. J		✓	
501	E1152147	Ummar Siddhiq. M			
502	E1152148	Vaithees Vel. C		✓	
503	E1152149	Veeramani. V		✓	
504	E1152150	Venkatesh. M		✓	
505	E1152153	Vignesh. V		✓	
506	E1152156	Vinothkumar. K		✓	
507	E1152157	Vinoth Kumar. M			
508	E1152158	Yahya. S			
509	E3142228	Vigneshraja. S		✓	
510	E2162208	Pari. A.		✓	
511	E2162209	Parthasarathy. R		✓	


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S	Roll	Name	CP-1:	CP-2:	CP-3:
512	E2162210	Rajasekar. R		✓	
513	E2162211	Rajasekaran. T		✓	
514	E2162212	Rakesh Rengaiyah. P		✓	
515	E2162213	Ram Kumar. V		✓	
516	E2162214	Sahaya Shyam. A		✓	
517	E2162215	Salik Mohamed. S		✓	
518	E2162216	Sameer Ahamed. P		✓	
519	E2162217	Sandeep Thomas. J		✓	
520	E2162218	Sasikumar. G		✓	
521	E2162219	Sooriya Prakash. TS		✓	
522	E2162220	Sudhakar. K		✓	
523	E2162221	Sujith. R		✓	
524	E2162222	Susendra Vasan. T		✓	
525	E2162223	Tamil Selvan. L		✓	
526	E2162224	Thoufeek Ahmed.A. A		✓	
527	E2162226	Venkatesan. R		✓	
528	E2162227	Vigneshwaran. D		✓	
529	E3152161	Ijaz Ahamed. B		✓	
530	E3152162	Santhosh Kumar. P		✓	
531	E3152163	Sathish Kumar. R		✓	

[Handwritten Signature]

Course Coordinator

[Handwritten Signature]

HoD/MECH

[Handwritten Signature]
Principal

[Handwritten Signature]
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M.I.E.T. ENGINEERING COLLEGE
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M.I.E.T. ENGINEERING COLLEGE

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TRICHY – PUDUKKOTTAI ROAD, TIRUCHIRAPPALLI – 620 007.
Email: principalengg@miet.edu, contact@miet.edu
Website: - www.miet.edu

Ph: 0431 – 2660 303

Course Delivery

Name of the Course: Rapid Manufacturing Technologies

Course Code: ME18192

Course Coordinator: Dr.C.Ahilan Prof/Mech , K.Sundaravadivel, AP/Mech,

Total Hours: 32 Hrs

Academic Year: 2018-19


Sl.No	Topics to be Covered	Hours	Date of Delivery
1.	Additive Manufacturing evolution	6	3.07.2018
2.	Additive manufacturing processes		3.07.2018
3.	Additive manufacturing processes relationship with subtractive manufacturing,		6.07.2018
4.	Advantages of RM and Generalized rapid manufacturing process chain		6.07.2018
5.	Rapid Tooling –Benefits and Applications.		11.07.2018
6.	Rapid tooling Applications.		11.07.2018
7.	Conceptualization and CAD model preparation	6	14.07.2018
8.	CAD data formats Conversion to STL file format		14.07.2018
9.	Fixing the STL file and Part orientation,		18.07.2018
10.	Support structure design and Model Slicing		18.07.2018
11.	Direct and adaptive slicing		23.07.2018
12.	Tool path generation		23.07.2018
13.	Sintering, Powder Bed Fusion extrusion	6	26.07.2018
14.	Jetting, Photo-polymerization		26.07.2018
15.	Direct-write, sheet lamination		31.07.2018
16.	Directed-energy deposition and the latest state of the art.		31.07.2018
17.	Multiple Materials, Hybrids, Composite Materials,		3.08.2018
18.	Current and future directions		3.08.2018
19.	Core DFAM Concepts and Objectives	6	29.08.2018

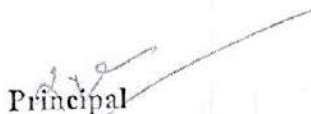

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M.I.E.T. ENGINEERING COLLEGE
GUNDUR, TIRUCHIRAPPALLI-620 007.

Sl.No	Topics to be Covered	Hours	Date of Delivery
20.	Complex Geometry and Customized Geometry		29.08.2018
21.	Integrated Assemblies and Elimination of Conventional design for manufacture (DFM) Constraints.		3.09.2018
22.	RM Unique Capabilities		3.09.2018
23.	Exploring Design Freedoms		15.09.2018
24.	Design Tools for RM.		15.09.2018
25.	Direct tooling & Indirect Tooling methods		19.09.2018
26.	Applications of Rapid Tooling in Reaction Injection Molding		19.09.2018
27.	Wax Injection Molding,	6	25.09.2018
28.	Vacuum Casting,		25.09.2018
29.	RTV Silicone Rubber Molds, Spin-Casting,		28.09.2018
30.	Cast Resin Tooling, Hydroforming and Thermoforming.		28.09.2018
31.	Test and Evaluation	2	15.10.2018


Course Coordinator


HoD


Principal


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Email: principalengg@miet.edu, contact@miet.edu
Website: - www.miet.edu

Ph: 0431 - 2660 303

Resource Person Details

Title of the program	Rapid Manufacturing Technologies
Course Code	ME18192
Duration and timing of the program	32 Hrs, 05.15 PM to 07.15 PM
Name of the resource person	Dr. C. AHILAN
Photo of the resource person	
Email address	drahilan.c@gmail.com
Contact number	9842749825
Designation	Professor
Educational qualification	<ul style="list-style-type: none">➤ Completed B.E., Mechanical Engineering from P S G College of Tech. - 1997.➤ Completed M.TECH., Manufacturing Tech. from NIT - 2007.➤ Completed Ph.D., Manufacturing Tech. from NIT - Trichy.
Experience	<ul style="list-style-type: none">➤ Industrial experience - 00 Years.➤ Teaching Experience - 11.9 Years.


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Email: principalengg@miet.edu, contact@miet.edu
Website: - www.miet.edu

Ph: 0431 - 2660 303

Resource Person Details

Title of the program	Rapid Manufacturing Technologies
Course Code	ME18192
Duration and timing of the program	32 Hrs, 05.15 PM to 07.15 PM
Name of the resource person	Mr. K.Sundaravadivel
Photo of the resource person	
Email address	Sundarmech60@gmail.com
Contact number	9600530100
Designation	Assistant Professor
Educational qualification	<ul style="list-style-type: none">➤ Completed B.E., Mechanical Engineering MAM COLLEGE OF ENGI. 2010.➤ Completed M.Tech., MANUFACTURING ENGINEERING from Prist University 2014.
Experience	<ul style="list-style-type: none">➤ Industrial experience - 00 Years➤ Teaching Experience - 7.2 Years.


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 Website: www.miet.edu

Ph: 0431 - 2660 303

Value Added Courses (IV Year - VII Semester) Attendance Sheet

Name of the course: Rapid Manufacturing Technologies

Course code: ME18192

Course coordinator: Dr.C.Ahilan Prof/Mech, K.Sundaravadivel AP/Mech

Academic Year: 2018-19

SNo	RollNo	Name	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
			3/7	6/7	14/7	14/7	18/7	23/7	26/7	31/7	3/8	29/8	3/9	15/9	19/9	25/9	28/9	15/10
1.	E1152001	Abdul Basith. A	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
2.	E1152002	Abdul Jaffar. A.B	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
3.	E1152003	Adheeb. A	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
4.	E1152004	Ahamed Rilah. S	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
5.	E1152007	Ajithkumar. R	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
6.	E1152008	Akash. A	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
7.	E1152009	Alfred John	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
8.	E1152010	Aloysius Thomas. X	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
9.	E1152011	Ambicapathi. C	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
10.	E1152012	Anaest Raj. K	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a
11.	E1152013	Anees Mohamed. U	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
12.	E1152014	Anes Rahman. N	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
13.	E1152015	Aravindhan. K.R	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
14.	E1152017	Arul Pravin. T	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
15.	E1152018	Arun Prakash. S	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
16.	E1152019	Arun Kumar. M	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
17.	E1152021	Balamurugan. P	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
18.	E1152022	Bharathi. B	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
19.	E1152024	Devendran. G	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
20.	E1152025	Dhinesh. M	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/

A. J. J.
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 GUNDUR, TIRUCHIRAPPALLI-620 007.

SNo	RollNo	Name	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
			3/7	6/7	11/7	14/7	18/7	23/7	26/7	31/7	3/8	29/8	3/9	15/9	19/9	23/9	28/9	15/10
21.	E1152026	Dhinesh. S	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
22.	E1152027	Dinesh Kumar. S	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
23.	E1152029	Eniyan. V	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
24.	E1152030	Fasil Ahamed. M.S	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
25.	E1152031	Ferose Ahamed. L	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
26.	E1152032	Gokulakrishnan. S	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
27.	E1152033	Gopal. A	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
28.	E1152034	Gopinaath. M	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a
29.	E1152035	Gouthamaraj. M	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
30.	E1152036	Gowthaman. C	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
31.	E1152037	Gunasekar. M	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
32.	E1152038	Haamith Asraf. T	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
33.	E1152039	Habeeb Mohamed. N	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
34.	E1152040	Harish. A	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
35.	E1152043	Infant Fredrick. L	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
36.	E1152045	Jegan Prabhu. A	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a
37.	E1152046	Joseph Pathiyannathan. T	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
38.	E1152047	Kader Meera. J	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
39.	E1152048	Kalniseivan. M	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
40.	E2162164	Abdhul Hameed. S	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
41.	E2162165	Abivijesh. A.V	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
42.	E2162166	Abuthakir Fareed. A	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
43.	E2162167	Adaikala Andrews. A	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
44.	E2162168	Alwhar Balaji. A	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
45.	E2162169	Anandhan. S	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
46.	E2162170	Aravindh. K	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
47.	E2162171	Aravinthan. K	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
48.	E2162172	Arunkumar. K.R	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
49.	E2162173	Ashik Khan. A	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
50.	E2162174	Asik Deen. S	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
51.	E2162175	Aswin. J	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
52.	E2162176	Binu Denis. J	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/


PRINCIPAL
M.I.E.T. ENGINEERING COLLEGE
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SNo	RollNo	Name	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
			3/7	6/7	11/7	14/7	18/7	21/7	26/7	31/7	3/8	29/8	3/9	5/9	19/9	22/9	28/9	15/10
53.	E2162177	Blessing. I	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
54.	E2162178	Cicel Jerom. S	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a
55.	E2162179	Daniel Jayakumar. A	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
56.	E2162180	Edwin Irudhayaraj. U	/	/	/	a	/	/	/	/	/	/	/	/	/	/	/	/
57.	E2162181	Gideon Sathiyancesan. K	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
Total No Students Presents			53	53	53	53	53	53	53	53	53	53	53	53	53	53	53	53
Total No Students Absent			4	4	4	5	4	4	4	4	4	5	4	4	4	4	4	4
Signature Course Coordinator			KB	B	KB	KL	KL	KL	KL	KL	KL	KL	KL	KL	KL	KL	KL	B


Course Coordinator


HoD


Principal


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Website: - www.miet.edu

Ph: 0431 - 2560 303

Certificate Program Assessment Test

Name of the course: RAPID MANUFACTURING TECHNOLOGIES
Course Code: ME18192
Academic Year: 2018-19

Date: 15.10.2018
Time: 02:00 hrs

Answer All the Questions (5*2=10)

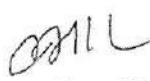
PART-A

1. Define Rapid manufacturing.
2. What is Data processing in Rapid manufacturing?
3. What is sintering processes?
4. Define Degree of Freedom?
5. What is vacuum casting method?


Answer All the Questions (4*10=40)

PART - B

6. Explain the objectives of design of Rapid manufacturing.
7. Explain direct and indirect tooling methodology.
8. Explain the principle and function Rapid manufacturing.
9. Explain Hydroforming and Thermoforming?


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HoD/Mech


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Ph: 0431 - 2660 303

One Page Report

Name of the course: Rapid Manufacturing Technologies

Course code: ME18192

Course coordinator: Dr.C.Ahilan Prof/Mech, K.Sundaravadivel AP/Mech

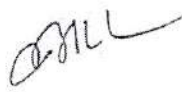
Total Hours: 32

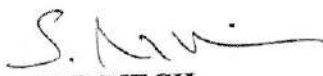
Academic Year: 2018 - 2019

We hereby affirm that the entire course contents in the certificate program "Rapid Manufacturing Technologies" listed in the certificate program syllabus have been performed by the students as the part of the prescribed co - curricular activities through certificate program by NAAC and NBA.

We confirmed that the Certificate Program title as "Rapid Manufacturing Technologies" was done by me in the beginning of the semester and course delivery with attendance of the students were recorded.

We confirmed that all the students for this Certificate Program were actively attended and performed well throughout the duration and eligible students received the participation certificate.


Course Coordinator


HoD/MECH


Principal


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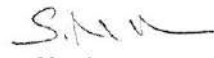
Course Completion Certificate

This is to Certify that Mr/Ms. M. DHINESH.

of IV yr / VII Sem MECH. Engg has Completed the Course on

Rapid Manufacturing Technologies from 03/07/2018 to 15/10/2018.


Course Coordinator


Hod


Principal


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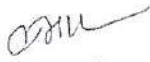
M.I.E.T. ENGINEERING COLLEGE

Trichy, Pudukkottai Road, Trichy - 620 007.




Course Completion Certificate

This is to Certify that Mr/Ms. N. ANES RAHMAN
of IV yr/VII Sem MECH. ENGG has Completed the Course on
Rapid Manufacturing Technologies from 03/07/2012 to 15/10/2012


Course Coordinator


Mod


Principal


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Ph: 0431 – 2660 303

Course Delivery

Name of the Course: Rapid Manufacturing Technologies

Course Code: ME18192

Course Coordinator: M.Visvam, AP/Mech, A.Pandianathan, AP/Mech

Total Hours: 32 Hrs


Academic Year: 2018-19


Sl.No	Topics to be Covered	Hours	Date of Delivery
1.	Additive Manufacturing evolution	6	4.07.2018
2.	Additive manufacturing processes		4.07.2018
3.	Additive manufacturing processes relationship with subtractive manufacturing,		9.07.2018
4.	Advantages of RM and Generalized rapid manufacturing process chain		9.07.2018
5.	Rapid Tooling –Benefits and Applications.		12.07.2018
6.	Rapid tooling Applications.		12.07.2018
7.	Conceptualization and CAD model preparation	6	16.07.2018
8.	CAD data formats Conversion to STL file format		16.07.2018
9.	Fixing the STL file and Part orientation,		19.07.2018
10.	Support structure design and Model Slicing		19.07.2018
11.	Direct and adaptive slicing		24.07.2018
12.	Tool path generation		24.07.2018
13.	Sintering, Powder Bed Fusion extrusion	6	27.07.2018
14.	Jetting, Photo-polymerization		27.07.2018
15.	Direct-write, sheet lamination		1.08.2018
16.	Directed-energy deposition and the latest state of the art.		1.08.2018
17.	Multiple Materials, Hybrids, Composite Materials,		27.08.2018
18.	Current and future directions		27.08.2018
19.	Core DFAM Concepts and Objectives	6	30.08.2018

A. N. S.
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M.I.E.T. ENGINEERING COLLEGE
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Sl.No	Topics to be Covered	Hours	Date of Delivery
20.	Complex Geometry and Customized Geometry		30.08.2018
21.	Integrated Assemblies and Elimination of Conventional design for manufacture (DFM) Constraints.		4.09.2018
22.	RM Unique Capabilities		4.09.2018
23.	Exploring Design Freedoms		17.09.2018
24.	Design Tools for RM.		17.09.2018
25.	Direct tooling & Indirect Tooling methods		20.09.2018
26.	Applications of Rapid Tooling in Reaction Injection Molding		20.09.2018
27.	Wax Injection Molding,	6	26.09.2018
28.	Vaccum Casting,		26.09.2018
29.	RTV Silicone Rubber Molds, Spin-Casting,		29.09.2018
30.	Cast Resin Tooling, Hydroforming and Thermoforming.		29.09.2018
31.	Test and Evaluation	2	16.10.2018


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Website: www.miet.edu

Ph: 0431 - 2660 303

Resource Person Details

Title of the program	Rapid Manufacturing Technologies
Course Code	ME18192
Duration and timing of the program	32 Hrs, 05.15 PM to 07.15 PM
Name of the resource person	Mr. M. Visvam
Photo of the resource person	
Email address	Visvam2k6@gmail.com
Contact number	9688170881
Designation	Assistant Professor
Educational qualification	<ul style="list-style-type: none">➤ Completed B.E., Mechanical Engineering from J J College Of Engineering And Technology 2010.➤ Completed M.E., Manufacturing from MAM College Of Engineering 2013.
Experience	<ul style="list-style-type: none">➤ Industrial experience - 1.1 Years.➤ Teaching Experience - 7.2 Years.

A. Jeyaraj
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Website: - www.miet.edu

Ph: 0431 - 2660 303

Resource Person Details

Title of the program	Rapid Manufacturing Technologies
Course Code	ME18192
Duration and timing of the program	32 Hrs, 05.15 PM to 07.15 PM
Name of the resource person	Mr. A.Pandianathan
Photo of the resource person	
Email address	pandia.nathan@gmail.com
Contact number	8883735870
Designation	Assistant Professor
Educational qualification	<ul style="list-style-type: none">➤ Completed B.E., Mechanical Engineering from Sudharsan Engineering College 2011.➤ Completed M.E., Industrial Engineering from Sudharsan Engineering College 2013.
Experience	<ul style="list-style-type: none">➤ Industrial experience - 00 Years➤ Teaching Experience - =3 Years.


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Certificate Program (IV Year - VII Semester) Attendance Sheet

Name of the course: Rapid Manufacturing Technologies
 Course code: ME18192
 Course coordinator: M.Visvam, AP/Mech, A.Pandianathan, AP/Mech
 Academic Year: 2018-19

SNo	Roll No	Name	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
			4/7	9/7	12/7	16/7	19/7	24/7	27/7	1/8	27/8	30/8	4/9	17/9	20/9	26/9	29/9	11/10
1.	E2162182	Gobikrishna. P	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
2.	E2162183	Gopala Krishnan. S	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
3.	E2162184	Gowtham. M	/	Q	/	/	/	/	/	/	/	/	/	/	/	/	/	/
4.	E3152159	Anandhasudhan. E	/	/	/	a	/	/	/	/	/	/	/	/	/	/	/	/
5.	E3152160	Ariff Kamaldeen. M	/	/	/	/	/	/	/	/	/	a	/	/	/	/	a	/
6.	E1152050	Kapil. R	a	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
7.	E1152052	Karthick. M	/	/	/	/	/	/	a	/	/	/	/	/	/	/	/	/
8.	E1152053	Karunakaran. R	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
9.	E1152054	Karuppu Durai. K.A	/	/	a	/	/	/	/	/	/	/	/	/	/	/	/	/
10.	E1152055	Kaviyarasan. E	a	/	/	/	/	/	/	/	/	a	/	/	/	/	/	/
11.	E1152058	Mahendra Boopathy. S	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
12.	E1152059	Maheswaran. K	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a
13.	E1152060	Manikandan. N	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
14.	E1152061	Manikandan. R	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
15.	E1152063	Maruthupandiyar. A	/	/	/	/	/	/	/	/	a	/	/	/	/	/	a	/
16.	E1152064	Mathiselvan. T	/	/	/	a	/	/	/	/	/	/	/	/	/	/	/	/
17.	E1152066	Mohamed Ajmal. J	/	/	/	/	/	/	/	/	/	/	/	/	/	a	/	/
18.	E1152067	Mohamed Ashar Maricar. S	a	a	/	/	/	/	/	/	/	/	/	/	/	/	/	/
19.	E1152068	Mohamed Asif. N	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/

A. S. J.
PRINCIPAL
 M.I.E.T. ENGINEERING COLLEGE
 GUNDUR, TIRUCHIRAPPALLI-620 007.

SNo	Roll No	Name	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
			4/7	9/7	12/7	18/7	19/7	24/7	27/7	1/8	27/8	30/8	4/9	17/9	20/9	26/9	29/9	10/10
20.	E1152072	Mohamed Irfan. M	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
21.	E1152073	Mohamed Ismail. S	/	/	a	/	/	/	a	/	/	/	/	a	/	a	/	/
22.	E1152074	Mohamed Muzzamil. A	/	/	/	/	/	/	/	/	/	a	/	a	a	/	a	/
23.	E1152075	Mohamed Niyas. M	/	/	/	/	/	/	/	a	/	/	/	/	/	/	/	/
24.	E1152076	Mohamed Shaik Dawood. A.M.N	/	/	/	a	/	/	/	/	/	/	/	/	/	/	/	/
25.	E1152077	Mohamed Sherif. N.S	a	/	/	/	/	/	/	/	/	/	/	/	a	/	/	/
26.	E1152079	Mohamed Ibrahim. S	/	a	/	/	/	/	/	/	/	/	/	/	/	/	/	/
27.	E1152080	Mohamedmohideen. A	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
28.	E1152081	Mohammed Ibrahim Ali. J	/	/	/	/	/	/	a	/	/	/	/	/	a	/	/	/
29.	E1152082	Mohammed Rahil. S	/	/	a	/	a	/	/	/	/	/	/	a	/	/	/	/
30.	E1152083	Mouleeshwaran. B	/	/	/	/	/	/	/	/	/	/	/	a	/	/	/	/
31.	E1152084	Mubarak Ali. N	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
32.	E1152085	Muhammed Ismail. S	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
33.	E1152086	Mushtaq Ahamed. J	/	/	/	/	/	/	/	/	/	/	/	/	/	a	/	/
34.	E1152088	Muthukumar. S	a	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
35.	E1152089	Muthumohamedniyas. H	/	/	/	/	/	/	/	/	/	/	/	/	a	/	/	/
36.	E1152090	Nabeel Ahamed. M	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
37.	E1152093	Nanthakumar. V	/	/	/	a	/	/	a	/	/	/	/	a	/	/	/	/
38.	E1152094	Nasik Ahamed. M	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	a
39.	E1152096	Nikhil Karan.M. M	/	a	/	/	/	/	/	/	/	/	/	/	/	/	/	/
40.	E1152097	Pappu Raja. K	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
41.	E2162185	Gunaseelan. J	/	/	/	/	/	/	/	a	/	a	/	/	/	/	/	/
42.	E2162186	Gunaseelan. Y	a	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
43.	E2162187	Iyappan. S	/	/	/	/	/	/	a	/	/	/	/	/	/	a	/	/
44.	E2162190	John Venis. J	/	/	a	/	/	/	/	/	/	/	/	/	a	/	/	/
45.	E2162191	Joshva Amrishi. A	/	/	/	/	/	/	/	/	/	/	/	/	a	/	/	/
46.	E2162192	Lenin. A	a	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
47.	E2162194	Mageshwaran. R	/	/	/	/	/	/	a	/	/	/	/	/	/	/	/	/
48.	E2162195	Manikandan. V	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
49.	E2162196	Manimaran.N. N	/	/	/	/	/	/	/	/	/	a	/	/	/	a	/	/
50.	E2162197	Manuram. R	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a


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SNo	Roll No	Name	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
			4/7	9/7	12/7	16/7	19/7	24/7	27/7	1/8	27/8	30/8	4/9	17/9	20/9	26/9	29/9	16/10
51.	E2162198	Mohamed Abdullah. K	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
52.	E2162199	Mohamed Farook. M	/	/	/	/	/	a	/	a	/	/	/	/	/	/	/	/
53.	E2162200	Mohamed Ibrahim. K	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a
54.	E2162201	Mohamed Sabeer. S	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
55.	E2162202	Mohamed Ujaier. N	/	a	/	/	a	/	/	/	/	/	/	/	/	/	/	/
56.	E2162203	Mohamed Zainal Zameer. M	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
57.	E2162204	Mohammed Yashar. M	a	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
Total No Students Presents			46	49	50	50	52	53	47	51	53	48	53	48	46	50	49	54
Total No Students Absent			11	8	7	7	5	4	10	6	4	9	4	9	11	7	8	2
Signature Course Coordinator			<i>M. V. ...</i>	<i>M. V. ...</i>	<i>M. V. ...</i>	<i>M. V. ...</i>	<i>M. V. ...</i>	<i>M. V. ...</i>	<i>M. V. ...</i>	<i>M. V. ...</i>	<i>M. V. ...</i>	<i>M. V. ...</i>	<i>M. V. ...</i>	<i>M. V. ...</i>	<i>M. V. ...</i>	<i>M. V. ...</i>	<i>M. V. ...</i>	<i>M. V. ...</i>

M. V. ...
Course Coordinator

S. K. ...
HoD

A. J. ...
Principal

A. J. ...
PRINCIPAL
M.I.E.T. ENGINEERING COLLEGE
GUNDUR, TIRUCHIRAPPALLI-620 007.



M.I.E.T. ENGINEERING COLLEGE

(Approved by AICTE, New Delhi) Affiliated to Anna University, Chennai)

TRICHY - PUDUKKOTTAI ROAD, TIRUCHIRAPPALLI - 620 007.

Email: principalengg@mlat.edu, contact@miet.edu

Website: -www.miet.edu

Ph: 0431 - 2660 303

Certificate Program Assessment Test

Name of the course: RAPID MANUFACTURING TECHNOLOGIES

Course Code: ME18192

Academic Year: 2018-19

Date: 16.10.2018

Time: 02:00 hrs

Answer All the Questions (5*2=10)


PART-A

1. Define Rapid manufacturing.
2. What is Data processing in Rapid manufacturing?
3. What is sintering processes?
4. Define Degree of Freedom?
5. What is vacuum casting method?

Answer All the Questions (4*10=40)

PART - B

6. Explain the objectives of design of Rapid manufacturing.
7. Explain direct and indirect tooling methodology.
8. Explain the principle and function Rapid manufacturing.
9. Explain Hydroforming and Thermoforming?


Course Coordinator


HoD/Mech


Principal


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Email: principalengg@miet.edu, contact@miet.edu
Website: - www.miet.edu

Ph: 0431 - 2660 303

One Page Report

Name of the course: Rapid Manufacturing Technologies

Course code: ME18192

Course coordinator: M.Visvam, AP/Mech, A.Pandianathan, AP/Mech

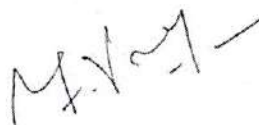
Total Hours: 32 Hrs

Academic Year: 2018 - 2019

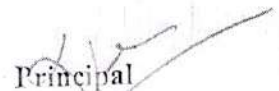
We hereby affirm that the entire course contents in the certificate program "Rapid Manufacturing Technologies" listed in the certificate program syllabus have been performed by the students as the part of the prescribed co - curricular activities through certificate program by NAAC and NBA.

We confirmed that the Certificate Program title as "Rapid Manufacturing Technologies" was done by me in the beginning of the semester and course delivery with attendance of the students were recorded.

We confirmed that all the students for this Certificate Program were actively attended and performed well throughout the duration and eligible students received the participation certificate.


Course Coordinator


HoD/MECH


Principal


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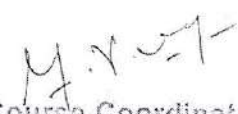
M.I.E.T. ENGINEERING COLLEGE

Trichy, Pudukkottai Road, Trichy - 620 007.



Course Completion Certificate

This is to Certify that Mr/Ms. KARUPPU DURAI . K. A
of FINAL YEAR MECHANICAL ENGINEERING has Completed the Course on
RAPID MANUFACTURING TECHNOLOGIES from 04.07.2018 to 16.10.2018


Course Coordinator


Hod


Principal


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GUNDUR, TIRUCHIRAPPALLI-620 007.

M.I.E.T. ENGINEERING COLLEGE

Trichy, Pudukkottai Road, Trichy - 620 007.



Course Completion Certificate

This is to Certify that Mr/Ms. MOHAMED ABDULLAH . V
of FINAL YEAR MECHANICAL ENGINEERING has Completed the Course on
RAPID MANUFACTURING TECHNOLOGIES from 04.07.2018 to 16.10.2018


Course Coordinator


Hod


Principal


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 Website: www.miet.edu

Ph: 0431 - 2660 303

Course Delivery

Name of the Course: Rapid Manufacturing Technologies

Course Code: ME18192

Course Coordinator: D.Manikandan AP/Mech, P.Pradeep AP/Mech

Total Hours: 32 Hrs

Academic Year: 2018-19

Sl.No	Topics to be Covered	Hours	Date of Delivery
1.	Additive Manufacturing evolution	6	5.07.2018
2.	Additive manufacturing processes		5.07.2018
3.	Additive manufacturing processes relationship with subtractive manufacturing,		10.07.2018
4.	Advantages of RM and Generalized rapid manufacturing process chain		10.07.2018
5.	Rapid Tooling –Benefits and Applications.		13.07.2018
6.	Rapid tooling Applications.		13.07.2018
7.	Conceptualization and CAD model preparation	6	17.07.2018
8.	CAD data formats Conversion to STL file format		17.07.2018
9.	Fixing the STL file and Part orientation,		20.07.2018
10.	Support structure design and Model Slicing		20.07.2018
11.	Direct and adaptive slicing		25.07.2018
12.	Tool path generation		25.07.2018
13.	Sintering, Powder Bed Fusion extrusion	6	30.07.2018
14.	Jetting, Photo-polymerization		30.07.2018
15.	Direct-write, sheet lamination		2.08.2018
16.	Directed-energy deposition and the latest state of the art.		2.08.2018
17.	Multiple Materials, Hybrids, Composite Materials,		28.03.2018
18.	Current and future directions		28.08.2018
19.	Core DFAM Concepts and Objectives	6	31.08.2018


A. S. J.
 PRINCIPAL

M.I.E.T. ENGINEERING COLLEGE
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Sl.No	Topics to be Covered	Hours	Date of Delivery
20.	Complex Geometry and Customized Geometry		31.08.2018
21.	Integrated Assemblies and Elimination of Conventional design for manufacture (DFM) Constraints.		14.09.2018
22.	RM Unique Capabilities		14.09.2018
23.	Exploring Design Freedoms		18.09.2018
24.	Design Tools for RM.		18.09.2018
25.	Direct tooling & Indirect Tooling methods		24.09.2018
26.	Applications of Rapid Tooling in Reaction Injection Molding		24.09.2018
27.	Wax Injection Molding,	6	27.09.2018
28.	Vacuum Casting,		27.09.2018
29.	RTV Silicone Rubber Molds, Spin-Casting,		1.10.2018
30.	Cast Resin Tooling, Hydroforming and Thermoforming.		1.10.2018
31.	Test and Evaluation	2	17.10.2018


D.M.K.
Course Coordinator


S.K.M.
HoD


Principal


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Resource Person Details

Title of the program	Rapid Manufacturing Technologies
Course Code	ME18192
Duration and timing of the program	32 Hrs, 05.15 PM to 07.15 PM
Name of the resource person	Mr. D. MANIKANDAN
Photo of the resource person	
Email address	mechmani1809@gmail.com
Contact number	9750043235
Designation	Assistant Professor
Educational qualification	<ul style="list-style-type: none">➤ Completed B.E., Mechanical Engineering from Shanmuganathan Engg.College - 2008.➤ Completed M.E., Manufacturing Engineering from Mookambigai college of Engg. - 2015.
Experience	<ul style="list-style-type: none">➤ Industrial experience - 00 Years➤ Teaching Experience - 4.6 Years.


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Resource Person Details

Title of the program	Rapid Manufacturing Technologies
Course Code	ME18192
Duration and timing of the program	32 Hrs, 05.15 PM to 07.15 PM
Name of the resource person	Mr. P. PRADEEP
Photo of the resource person	
Email address	pdeep9944@gmail.com
Contact number	9944113237
Designation	Assistant Professor
Educational qualification	<ul style="list-style-type: none">➤ Completed B.E., Mechanical Engineering from M.I.E.T Engineering College 1997.➤ Completed M.E., Manufacturing Engineering from University College of Engineering 2015.
Experience	<ul style="list-style-type: none">➤ Industrial experience - 2 Years.➤ Teaching Experience - 9.5 Years.


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Certificate Program (IV Year - VII Semester) Attendance Sheet

Name of the course: Rapid Manufacturing Technologies

Course code: ME18192

Course coordinator: D.Manikandan AP/Mech, P.Pradeep AP/Mech

Academic Year: 2018-19

SNo	Roll No	Name	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
			5/7	10/7	13/7	17/7	20/7	23/7	30/7	2/8	23/8	31/8	1/9	18/9	24/9	27/9	1/10	15/10
1.	E2162206	Nandha Kumar. B	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
2.	E2162207	Naveen Vignesh. V	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
3.	E1152104	Praisson.T.Abraham	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
4.	E1152105	Premkumar. B	/	/	A	/	/	/	/	/	/	/	/	A	/	/	/	/
5.	E1152107	Rahumankhan. A	/	/	/	/	/	/	/	/	A	/	/	A	/	/	/	/
6.	E1152109	Raja Mohamed. S	/	/	/	/	/	A	/	/	/	/	/	/	/	/	/	/
7.	E1152110	Rajadurai. I	A	/	/	/	/	/	/	/	/	/	/	/	/	A	/	/
8.	E1152111	Rajeshwar. K	/	/	/	A	/	/	/	/	/	/	/	/	/	/	/	/
9.	E1152112	Rajkumar. E	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
10.	E1152113	Rajkumar. S	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
11.	E1152114	Ramana Priyan. K	/	/	/	/	/	/	/	/	/	/	A	/	/	/	/	/
12.	E1152115	Ranjith Kumar. A	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
13.	E1152117	Renold Praveen. J	/	/	/	/	A	A	/	/	/	/	/	/	/	/	/	/
14.	E1152118	Rohith Basha. A	/	A	/	A	/	/	/	/	/	/	/	/	/	/	/	/
15.	E1152122	Saminathan. S	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
16.	E1152124	Santhosh Kumar. P	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
17.	E1152125	Santhosh. T	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
18.	E1152126	Sathish Kumar. K	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
19.	E1152127	Sathish Kumar. S	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/

(Signature)
 PRINCIPAL

M.I.E.T. ENGINEERING COLLEGE
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SNo	Roll No	Name	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
			5/7	10/7	15/7	17/7	20/7	25/7	29/7	2/8	25/8	2/8	15/9	18/9	20/9	27/9	1/10	7/10
20.	E1152128	Selva Bharathi. I	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
21.	E1152130	Shiek Deen Mohammed. N	a	a	A	A	A	A	A	A	A	A	A	A	A	A	A	A
22.	E1152132	Sivasankaran. N	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
23.	E1152133	Sivashankar. M	/	a	/	/	/	/	/	/	/	/	/	/	/	/	/	/
24.	E1152134	Siva Shankar. S	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
25.	E1152136	Suresh. R	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
26.	E1152137	Suriyaprakash. R	a	a	A	A	A	A	A	A	A	A	A	A	A	A	A	A
27.	E1152143	Thariq Zamaan. A	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
28.	E1152145	Thineshkumar. K	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
29.	E1152146	Tom Alan Doss. J	a	/	/	/	/	/	/	/	/	/	/	/	/	A	/	/
30.	E1152148	Vaithees Vel. C	/	/	/	/	/	/	/	/	/	/	/	A	/	/	/	/
31.	E1152149	Veeramani. V	/	/	/	/	/	A	/	/	/	/	/	/	/	/	/	/
32.	E1152150	Venkatesh. M	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
33.	E1152153	Vignesh. V	/	/	/	A	/	/	/	/	/	/	/	/	/	/	/	/
34.	E1152156	Vinothkumar. K	/	a	/	/	/	/	/	/	/	/	/	/	/	/	/	A
35.	E3142228	Vigneshraja. S	/	/	/	/	/	/	/	A	/	A	/	/	/	/	/	/
36.	E2162208	Pari. A	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
37.	E2162209	Parthasarathy. R	/	/	/	/	/	/	/	/	/	/	/	A	/	/	/	/
38.	E2162210	Rajasekar. R	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
39.	E2162211	Rajasekaran. T	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
40.	E2162212	Rakesh Rengaiyah. P	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
41.	E2162213	Ram Kumar. V	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
42.	E2162214	Sahaya Shyam. A	a	a	A	A	A	A	A	A	A	A	A	A	A	A	A	A
43.	E2162215	Salik Mohamed. S	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
44.	E2162216	Sameer Ahamed. P	/	/	/	/	/	A	/	/	/	/	/	/	A	/	/	/
45.	E2162217	Sandeep Thomas. J	/	/	/	/	/	A	/	/	/	/	/	/	/	/	/	/
46.	E2162218	Sasikumar. G	/	/	/	/	/	A	/	/	/	/	/	/	/	/	/	/
47.	E2162219	Sooriya Prakash. TS	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
48.	E2162220	Sudhakar. K	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
49.	E2162221	Sujith. R	a	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
50.	E2162222	Susendra Vasan. T	/	/	/	/	/	/	/	A	/	/	/	/	/	/	/	/


PRINCIPAL
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GUNDUR, TIRUCHIRAPPALLI-620 007.

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51.	E2162223	Tamil Selvan. L	/	A	/	/	/	/	/	/	/	/	/	/	/	/	/	/
52.	E2162224	Thoufeek Ahmed.A. A	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
53.	E2162226	Venkatesan. R	A	/	/	/	A	/	/	/	/	/	/	/	/	/	/	/
54.	E2162227	Vigneshwaran. D	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
55.	E3152161	Ijaz Ahamed. B	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
56.	E3152162	Santhosh Kumar. P	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
57.	E3152163	Sathish Kumar. R	/	/	A	/	/	/	/	/	/	/	/	/	/	/	/	/
Total No Students Presents			48	48	50	49	47	49	48	49	51	51	51	48	50	49	51	51
Total No Students Absent			9	9	7	8	10	8	9	8	6	6	6	9	7	8	6	6
Signature Course Coordinator			8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8

D.M.K
Course Coordinator

S.N.V
HoD

P.K.
Principal

A. N. S.
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Certificate Program Assessment Test

Name of the course: RAPID MANUFACTURING TECHNOLOGIES
Course Code: ME18192
Academic Year: 2018-19

Date: 17.10.2018
Time: 02:00 hrs

Answer All the Questions (5*2=10)

PART-A


1. Define Rapid manufacturing.
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PART - B

6. Explain the objectives of design of Rapid manufacturing.
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Course Coordinator


HoD/Mech


Principal


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One Page Report

Name of the course: Rapid Manufacturing Technologies

Course code: ME18192

Course coordinator: D.Manikandan AP/Mech, P.Pradeep AP/Mech

Academic Year: 2018 - 2019

Total Hours: 32

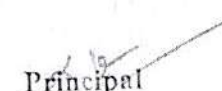
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We confirmed that all the students for this Certificate Program were actively attended and performed well throughout the duration and eligible students received the participation certificate.


D. Manikandan
Course Coordinator


S. Mani
HoD/MECH


Principal


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M.I.E.T. ENGINEERING COLLEGE
GUNDUR, TIRUCHIRAPPALLI-620 007

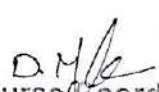
M.I.E.T. ENGINEERING COLLEGE

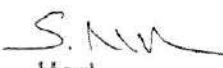
Trichy, Pudukkottai Road, Trichy - 620 007.



Course Completion Certificate

This is to Certify that Mr/Ms. PART. A
of FINAL YEAR MECHANICAL ENGINEERING has Completed the Course on
RAPID MANUFACTURING TECHNOLOGIES from 05.07.2018 to 17.10.2018


Course Coordinator


Hod


Principal


PRINCIPAL
M.I.E.T. ENGINEERING COLLEGE
CHUNBUR, TRICHIRAPPALLI-620 007.

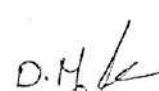
M.I.E.T. ENGINEERING COLLEGE

Trichy, Pudukkottai Road, Trichy - 620 007.




Course Completion Certificate

This is to Certify that Mr/Ms. RATKUMAR. F
of FINAL YEAR MECHANICAL ENGINEERING has Completed the Course on
RAPID MANUFACTURING TECHNOLOGIES from 05.07.2018 to 17.10.2018


Course Coordinator


Hod


Principal


PRINCIPAL
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Website: -www.miet.edu

Ph: 0431 - 2660 303

Date: 17.12.2018

To

The Principal
M.I.E.T Engineering College,
Trichy - 620007

Respected Sir,


Sub: Permission to conduct the certificate program - Reg.

We have planned to conduct the certificate program for our second year students of Mechanical Engineering after the class hours (from 20.12.2018 to 27.03.2019)

Name of the certificate program	Course Coordinator
Manufacturing Automation	L S Narendhira, K.Ramesh, M.Dhandayuthabani, S.Kumaradevan

So kindly give us permission to conduct the course and to utilize the Manufacturing Laboratory after class hours (05:15 P.M. to 07:15 P.M).

Thanking you


Course Coordinator


HoD/Mech


Principal


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Email: principalengg@miet.edu, contact@miet.edu
Website: - www.miet.edu

PH: 0431 - 2660 303

CIRCULAR

Date: 17.12.2018

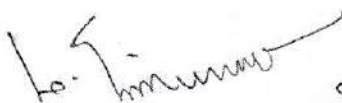
Sub: Certificate Program

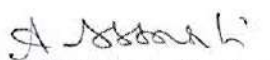
It is planned to conduct the Certificate Program for the Second year Mechanical Engineering students after the class hours.

The Certificate Programs are short term certificate Program which are designed and offered by our department for the benefit of our students. Course will be conducted at free of cost and based on the performance of the participated students; the merit certificate will be issued after the successful completion of the course.

Students those who are willing to attend the below mentioned course can enroll their name to the course coordinator.


Name of the Certificate Program	Course Coordinators
Manufacturing Automation	L. S. Narendhira, K. Ramesh, M. Dhandayuthabani, S. Kumaradevan
Commencement of course from 20.12.2018 to 27.03.2019 Time: 05.15 PM to 07.15 PM	


Course Coordinator


IQAC Coordinator


HoD/Mech


Principal


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M.I.E.T ENGINEERING COLLEGE, TRICHY – 7.

DEPARTMENT OF MECHANICAL ENGINEERING

Certificate Program (II Year – IV Semester)

Course Syllabus

Name of the course: Manufacturing Automation

Course Code: ME18193

Course Coordinators: M. Dhandayuthabani, ASP/Mech and S. Kumaradevan, AP/Mech

Total Hours: 30 Hrs

Academic Year: 2018-19

Objective

- To familiarize the students with the design of hydraulic and pneumatic circuits for various automated applications.

Unit I – Automation

6

Introduction, automation principles and strategies, basic elements of advanced functions, levels modeling of manufacturing systems, Introduction to CNC programming.

Unit II – Automated Manufacturing system

6

Group Technology, Part family, Sensor technologies, Automated inspection and testing, Coordinate measuring machines, Machine vision, Rapid prototyping.

Unit III – Programmable controllers in Automation

6

PLC Architecture, Modes of operation, Programming methods, Instructions, Instruction addressing, latches, timers and counters.

Unit IV – Smart Factory and Smart Manufacturing

6

Industry 4.0- Standard, Real-time production monitoring techniques with smart sensors, Configuration of smart shop floor, traceability and call back of defective products

Unit V – Intelligent Manufacturing Systems

6

Artificial Intelligence based systems, Virtual Business, e-Commerce Technologies, Global Manufacturing Networks, Digital enterprise technologies, IOT in manufacturing

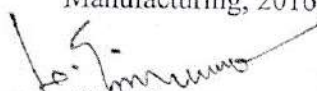
Course Outcome


The students will be able to

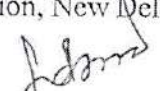
1. Apply automation principles and strategies and model manufacturing systems
2. Design automated storage and retrieval systems and employ robots in material handling
3. Implement concepts of automation in inspection and testing
4. Apply PLC timers and counters for the control of industrial processes
5. Design of Hydraulic Circuit and pneumatic circuit for manufacturing application
6. Monitor production using smart sensors based on Industry 4.0 techniques
7. Implement artificial intelligence based systems and IOT in manufacturing


References

1. Mikell P. Groover, Automation, Production Systems and Computer-Integrated Manufacturing, 2016, Fourth edition, Pearson Education, New Delhi.


Course Coordinator


IQAC Coordinator


HoD/Mech


Principal


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Website: - www.miet.edu

Ph: 0431 - 2660 303

Willing Student list

CP-1 Course Coordinator: S. Thulasiram, K Panneer Selvam, K.Rajasekar and I. Devaraj,

T.Ramkumar and T. Prabakaran

CP-2 Course Coordinator: Dr.C.Ahilan, K.Sundaravadivel, M.Visvam, A.Pandianathan,

D.Manikandan and P.Pradeep

CP-3 Course Coordinator: L S Narendhira, K.Ramesh, M.Dhandayuthabani, S.Kumaradevan,

Academic Year: 2018-19

S No	Roll No	Name	CP-1: Machine drawing and steel structural detailing by using Auto CAD software	CP-2: Rapid Manufacturing Technologies	CP-3: Manufacturing Automation
1	E1172001	Abdul Ajees. S			✓
2	E1172002	Abdul Azces. M			✓
3	E1172003	Abdulbagath. B			✓
4	E1172007	Abdul Rahman. A			✓
5	E1172008	Abubaker Siddik. P			✓
6	E1172009	Ahamed Meeran Sha. S			✓
7	E1172010	Ahamed Subair. K			✓
8	E1172011	Akash. R			✓
9	E1172013	Akbar Ali. A			✓
10	E1172015	Anbarasan. A			✓
11	E1172016	Antony Bright Sun. P			✓
12	E1172017	Antonypraveen. J			✓
13	E1172020	Arulkabiriyal. M			✓
14	E1172021	Arun Kumar. V			✓
15	E1172022	Arun Kumar. S			✓


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S	Roll	Name	CP-1:	CP-2:	CP-3:
16	E1172023	Arun Kumar. M			✓
17	E1172024	Bala Murugan. J			✓
18	E1172025	Basheer Ahamed. A			✓
19	E1172026	Benedict. A			✓
20	E1172027	Bharath. R			✓
21	E1172028	Bharathi. N			✓
22	E1172030	Chandran. C			✓
23	E1172031	Christober. P			✓
24	E1172032	Deepan. V			✓
25	E1172033	Devagar. U			✓
26	E1172034	Dhinesh. P.K			✓
27	E1172035	Ezaz Ahmed. A			✓
28	E1172037	Faizudeen. H			✓
29	E1172038	Felix Prabhahar. M			✓
30	E1172039	Haja Kamaludeen. G			✓
31	E1172040	Haris. J			✓
32	E1172041	Harishkumar. R			✓
33	E1172044	Jabbar Ali. A			✓
34	E1172045	Jafar Sharif. R			✓
35	E1172046	Jafer Sait. A			✓
36	E1172047	Jakir Hussain. A			✓
37	E1172048	Jamaludheen. S			✓
38	E1172049	Jayaseelan. S			✓
39	E1172050	John Ezekiah. D			✓
40	E1172051	Kabilan. R			✓
41	E1172052	Kabilan. KB			✓
42	E1172053	Kalaivanan. R			✓
43	E1172055	Kamalesh. M			✓
44	E1172056	Kamal Kishore. M			✓
45	E1172057	Karan K (13.03.2000). K			✓
46	E1172058	Karan K (10.05.2000). K			✓


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S	Roll	Name	CP-1:	CP-2:	CP-3:
47	E3172193	Nithish Kumar. M			
48	E2182168	Abdul Rahuman. T			✓
49	E2182174	Kirubakar. M			✓
50	E2182181	Naveen. A			✓
51	E2182183	Ragul. R			✓
52	E2182185	Rajavel. K			✓
53	E2182186	Rasith Ahamed. S			✓
54	E3172192	Jaser Ahamed. N			
55	E1172043	Ishwarya. M			✓
56	E1172059	Karthikeyan. S			✓
57	E1172060	Kavin Prabu. C			
58	E1172061	Kishore. C			✓
59	E1172063	Lenin. K			✓
60	E1172064	Mahesh. P			✓
61	E1172066	Manikandan. S			✓
62	E1172068	Mayakkannan. T.K			✓
63	E1172069	Mohamed Arif Aslam. S			✓
64	E1172070	Mohamed Asarudeen. A			✓
65	E1172071	Mohamed Asarudeen. J			✓
66	E1172072	Mohamed Ashif. M			✓
67	E1172073	Mohamed Azarudeen. M			✓
68	E1172074	Mohamed Faizal. J			
69	E1172075	Mohamed Farook Abdullah. A			✓
70	E1172076	Mohamed Hanifa. Z			✓
71	E1172077	Mohamed Hussain. M			
72	E1172078	Mohamed Ipthikarali. A			
73	E1172079	Mohamed Irfan. N			✓
74	E1172080	Mohamed Ismail. P			✓
75	E1172082	Mohamed Javith. M.K			✓
76	E1172083	Mohamed Kasankhan. S			✓
77	E1172084	Mohamed Malik. M			✓


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S	Roll	Name	CP-1:	CP-2:	CP-3:
78	E1172085	Mohamed Noorniswer. J			✓
79	E1172086	Mohamed Riyas. K			✓
80	E1172087	Mohamed Riyas. T			✓
81	E1172088	Mohamed Riyasdeen. M			✓
82	E1172089	Mohamed Shaheen Shahul Hameed			✓
83	E1172090	Mohamed Wasim (21.08.2000). S			✓
84	E1172091	Mohammed Abbas. M			✓
85	E1172093	Mohammed Hassan. S			✓
86	E1172095	Mohammed Rasik. A			✓
87	E1172096	Mohamed Wassim(10.07.2000). S			✓
88	E1172097	Mohan Raj. G			✓
89	E1172100	Muthu Kumar. M			✓
90	E1172101	Muzammil Hussain. AR			✓
91	E1172102	Naveen Kumar. D			
92	E1172103	Nepoliyan. M			
93	E1172104	Nihal Ahamed. F			✓
94	E1172107	Noordeen. S			✓
95	E1172108	Noor Mohamed. A			✓
96	E1172110	Paline Pradhupa. I			✓
97	E1172112	Peer Mohamed. S			✓
98	E2182170	Abu Faizel. S			✓
99	E2182171	Faizal Khan. R			✓
100	E2182172	Kannappan. P			✓
101	E2182173	Karthikeyan. V			
102	E2182178	Mohamed Haroon Razeeth. K			✓
103	E2182182	Praveen Kumar. M			✓
104	E2182188	Sabeer Khan. A			✓
105	E1172114	Prasanth. R			✓
106	E1172115	Raamkumar. M			✓
107	E1172119	Rahul. E			✓
108	E1172120	Riyash Ahamed. M			✓

A. S. J.
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S	Roll	Name	CP-1:	CP-2:	CP-3:
109	E1172121	Sabi. S			✓
110	E1172122	Sadham Abbas. R			✓
111	E1172126	Sarathkumar. M			✓
112	E1172127	Satham Usean. B			✓
113	E1172128	Sellavel. R			✓
114	E1172129	Selvaarasu. T			✓
115	E1172130	Selva Ganapathi. M			✓
116	E1172131	Shagul Hameed. I			✓
117	E1172132	Shagul Hameed. M			✓
118	E1172133	Shagul Hameed. SN			✓
119	E1172134	Shahul Abdul Rahman. M			✓
120	E1172135	Shaik Shafeeque Mohamed. S			✓
121	E1172136	Shanmuganathan. T			✓
122	E1172137	Sheik Azarudeen. A			✓
123	E1172138	Siva. K			✓
124	E1172139	Sivadoss. K			✓
125	E1172140	Sivanesan. S			✓
126	E1172141	Sivasundar. J			✓
127	E1172142	Sowkath Ali. M			✓
128	E1172143	Sridhar. S			✓
129	E1172144	Sri Ram. K			✓
130	E1172145	Stephen Yesudoss. S			✓
131	E1172146	Subash. G			✓
132	E1172147	Sudhakar. C			✓
133	E1172148	Suganthan. S			✓
134	E1172149	Suresh Krishna. D			✓
135	E1172150	Suriya. J.S			✓
136	E1172151	Susil Kumar. E			✓
137	E1172152	Syed Nissar. Z			✓
138	E1172154	Tamilarasan. M			✓
139	E1172155	Tamilarasan. S			✓



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S	Roll	Name	CP-1:	CP-2:	CP-3:
140	E1172156	Thamizhan. V			✓
141	E1172157	Thamotharan. A			✓
142	E1172158	Vadivazhagan. E			✓
143	E1172159	Vasanth. L			✓
144	E1172160	Vasanth. S			✓
145	E1172161	Vasanth. T			✓
146	E1172162	Vengatesh. J			✓
147	E1172164	Vijayaprakash. V			✓
148	E1172165	Vijayakrishnan. T			✓
149	E2182175	Kirubanandam. R			✓
150	E2182176	Marimuthu. M			✓
151	E2182180	Muthu Karuppan. R			✓
152	E2182187	Renganathan. P			✓
153	E2182189	Tamilarasan. S			✓
154	E2182190	Vignesh. T			✓
155	E1162001	Abdul Basith. S	✓		
156	E1162002	Abdul Rahuman Fahath. U	✓		
157	E1162003	Abdul Riyaz. J	✓		
158	E1162004	Abdullah Haja Mydeen	✓		
159	E1162007	Ajmal. S	✓		
160	E1162008	Akash. K			
161	E1162009	Akash. M	✓		
162	E1162010	Akashvarma. S	✓		
163	E1162011	Antony David. T	✓		
164	E1162012	Aravindhana. E	✓		
165	E1162013	Anwar Kaleem. S	✓		
166	E1162014	Arun. A			
167	E1162016	Arunkumar. M	✓		
168	E1162017	Ashik Salman. N	✓		
169	E1162018	Ashiq Basha. R	✓		
170	E1162019	Askar Hussian. A	✓		


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S	Roll	Name	CP-1:	CP-2:	CP-3:
171	E1162020	Asrar Ahamed. S	✓		
172	E1162021	Athief. S	✓		
173	E1162022	Azarutheen. K	✓		
174	E1162023	Babu. P	✓		
175	E1162024	Balaji. G	✓		
176	E1162025	Balakumar. P	✓		
177	E1162026	Balakumaran. M	✓		
178	E1162027	Balamurugan. Y	✓		
179	E1162028	Baseer Ahamed. A			
180	E1162029	Chandra Kumar. M	✓		
181	E1162030	Chandru. M	✓		
182	E1162031	Enayathulla. R	✓		
183	E1162032	Eswaran. S	✓		
184	E1162033	Fahadaameer. R	✓		
185	E1162036	Fizal. A	✓		
186	E1162037	George Andrews. M			
187	E1162039	Hari Haran. R	✓		
188	E1162040	Ilangeshwaran. R	✓		
189	E1162041	Jafar Sathik. M	✓		
190	E1162042	Jeevankumar. S	✓		
191	E1162043	Kajini Mohamed. N	✓		
192	E1162044	Kalaivendhan. G			
193	E1162045	Kamaludeen. I	✓		
194	E1162046	Kamaraj. K	✓		
195	E1162047	Karthikeyan. D	✓		
196	E1162049	Kaviyarasan. P	✓		
197	E2172160	Gowtham. M	✓		
198	E2172161	Hari Haran. S	✓		
199	E2172162	Jaferhussian. R	✓		
200	E2172163	Jaya Eswar. S.A	✓		
201	E2172168	Manikandan. M	✓		


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S	Roll	Name	CP-1:	CP-2:	CP-3:
202	E2172172	Mohamed Ajithkhan. R	✓		
203	E2172176	Mohamed Khalith. J	✓		
204	E2172177	Mohamed Mukthar. M	✓		
205	E2172190	Pavithra Kumar. S	✓		
206	E2172192	Sabarish Kumar. P	✓		
207	E2172193	Siva. S	✓		
208	E2172195	Siavanesan. M	✓		
209	E2172199	Vignesh. P			
210	E2172200	Vijay. R	✓		
211	E3162148	Arun. K			
212	E1162048	Karunamoorthy. P	✓		
213	E1162050	Mahadheer Mohamed. A	✓		
214	E1162051	Mahesh. T	✓		
215	E1162052	Mangaiyarkarasi. R	✓		
216	E1162053	Manikandan. M	✓		
217	E1162054	Manoj. C	✓		
218	E1162055	Manojkumar. S	✓		
219	E1162056	Mariselvam. K	✓		
220	E1162057	Mohamad Marjuk. A	✓		
221	E1162058	Mohamed Ali Jinna. R	✓		
222	E1162059	Mohamed Anas. N	✓		
223	E1162061	Mohamed Aslam. J	✓		
224	E1162062	Mohamed Azarudeen. M	✓		
225	E1162065	Mohamed Bagath. M	✓		
226	E1162066	Mohamed Basshar. J	✓		
227	E1162067	Mohamed Bilal. S	✓		
228	E1162068	Mohamed Farhan. K	✓		
229	E1162069	Mohamed Gousi. A	✓		
230	E1162070	Mohamed Ibrahim. K	✓		
231	E1162071	Mohamed Ibrahim. S	✓		
232	E1162072	Mohamed Irfan. J	✓		


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S	Roll	Name	CP-1:	CP-2:	CP-3:
233	E1162073	Mohamed Jawahir. Y	✓		
234	E1162074	Mohamed Jifri. A	✓		
235	E1162075	Mohamed Kather Sherif. P	✓		
236	E1162076	Mohamed Muneer. P	✓		
237	E1162077	Mohamed Murshied. M.A	✓		
238	E1162078	Mohamed Reskallah. US			
239	E1162079	Mohamed Riaz. S	✓		
240	E1162080	Mohamed Rifath Ali. T.A	✓		
241	E1162081	Mohamed Safeek. S	✓		
242	E1162082	Mohamed Salman. S	✓		
243	E1162083	Mohamed Sheik Dawood. S	✓		
244	E1162084	Mohamed Sirajudeen. M.A	✓		
245	E1162086	Mohammed Annas. M.A	✓		
246	E1162087	Mohammed Rashik. M	✓		
247	E1162088	Mohammed Sulthan. H	✓		
248	E1162089	Mugeshkanna. V	✓		
249	E1162090	Mugilan. M	✓		
250	E1162091	Mukilan. U			
251	E1162092	Muralikrishnan. B	✓		
252	E1162093	Naga Srinivasan. R	✓		
253	E2172152	Abdul Basith. J	✓		
254	E2172154	Akthar Ali. Z	✓		
255	E2172155	Augustin Pon Joshua. A	✓		
256	E2172156	Bhuvaneshwaran. K	✓		
257	E2172158	Dinesh Raj. M	✓		
258	E2172159	Gokula Priyan. A	✓		
259	E2172166	Karthikraja. K	✓		
260	E2172171	Mohamed Abdul Irfan. I	✓		
261	E2172174	Mohamed Azeethu. N	✓		
262	E2172175	Mohamed Azwan. M	✓		
263	E2172180	Mohamed Thariq. M	✓		


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S	Roll	Name	CP-1:	CP-2:	CP-3:
264	E2172182	Mohammed Sukar. K	✓		
265	E2172185	Mohd Asif Rahamathullah Labbai	✓		
266	E2172186	Mounika. M	✓		
267	E2172188	Muthuramalingam. M	✓		
268	E2172189	Nagarajan. S	✓		
269	E2172191	Prakash. P	✓		
270	E2172202	Yusuf Sheriff. G	✓		
271	E3152146	Naveen. D	✓		
272	E3162149	Jayasurya. R	✓		
273	E3162150	Subash. M	✓		
274	E1162094	Nantha Kumar. S	✓		
275	E1162095	Narasiman. V.S	✓		
276	E1162096	Nasirudeen. N			
277	E1162097	Navaneethan. K.V	✓		
278	E1162098	Niyaz Ahamed. A	✓		
279	E1162099	Pagathsingh. P	✓		
280	E1162100	Pandi. M	✓		
281	E1162101	Parthiban. R	✓		
282	E1162102	Ponkumar. M	✓		
283	E1162103	Pramoth. S	✓		
284	E1162104	Prasanth. A	✓		
285	E1162105	Prasanth (13.12.1999). K	✓		
286	E1162106	Prasanth (26.05.1999). K	✓		
287	E1162111	Rajesh. M	✓		
288	E1162112	Rameez Ali Raja. M	✓		
289	E1162114	Rishvanth. S	✓		
290	E1162115	Robin Mano. B	✓		
291	E1162116	Saiad Aamir Souhail. N	✓		
292	E1162117	Sam Kalwin. S	✓		
293	E1162118	Samuel. S	✓		
294	E1162123	Sheik Abdul Muthalib. N	✓		


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S	Roll	Name	CP-1:	CP-2:	CP-3:
295	E1162124	Sheik Mohaideen. I	✓		
296	E1162125	Shri Hari Shandhanu. K	✓		
297	E1162126	Sivaraman. S	✓		
298	E1162128	Sriram. S	✓		
299	E1162130	Sukumaran. R			
300	E1162131	Sundhar. S	✓		
301	E1162132	Syed Ali. R	✓		
302	E1162133	Syed Anwar Azeez. P	✓		
303	E1162134	Syed Peer Javed. S.N	✓		
304	E1162137	Uvaisur Rahman. H	✓		
305	E1162138	Vaasim Ahamed. B.A	✓		
306	E1162139	Varnaraj. P			
307	E1162140	Vaseem Rahman. A	✓		
308	E1162141	Vignesh (26.04.1998). R	✓		
309	E1162142	Vignesh (08.04.1999). R	✓		
310	E1162143	Vijayaraj. D	✓		
311	E1162145	Yokesh. P	✓		
312	E3152204	Ragul Raj. C			
313	E3152205	Ranjith. S			
314	E2172153	Abdul Rahim. A	✓		
315	E2172157	Deepan Chakkaravarthy. P.S	✓		
316	E2172164	Jayaraj. Y	✓		
317	E2172165	Kabilan. G			
318	E2172167	Manigandan. B	✓		
319	E2172169	Manojkumar. M	✓		
320	E2172170	Mohamed Aathil. S	✓		
321	E2172178	Mohamed Sajid. S			
322	E2172179	Mohamed Sharif. I			
323	E2172181	Mohamed Yahya. M			
324	E2172183	Mohanasundaram. A	✓		
325	E2172184	Mohanraj. K	✓		


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S	Roll	Name	CP-1:	CP-2:	CP-3:
326	E2172187	Muruganantham. S			
327	E2172196	Sriram. M.S	✓		
328	E2172197	Suren. S	✓		
329	E2172198	Suricya. M			
330	E3152147	Thowfeek Raja. N			
331	E3162151	Peer Sulthan Rawther. N	✓		
332	E1152001	Abdul Basith. A		✓	
333	E1152002	Abdul Jaffar. A.B		✓	
334	E1152003	Adheeb. A		✓	
335	E1152004	Ahamed Rilah. S		✓	
336	E1152005	Ajith Kumar (19.12.1997). B			
337	E1152007	Ajithkumar. R		✓	
338	E1152008	Akash. A		✓	
339	E1152009	Alfred John		✓	
340	E1152010	Aloysius Thomas. X		✓	
341	E1152011	Ambicapathi. C		✓	
342	E1152012	Anaest Raj. K		✓	
343	E1152013	Anees Mohamed. U		✓	
344	E1152014	Anes Rahman. N		✓	
345	E1152015	Aravindhan. K.R		✓	
346	E1152016	Arivunithi. M			
347	E1152017	Arul Pravin. T		✓	
348	E1152018	Arun Prakash. S		✓	
349	E1152019	Arun Kumar. M		✓	
350	E1152020	Aswin. N			
351	E1152021	Balamurugan. P		✓	
352	E1152022	Bharathi. B		✓	
353	E1152024	Deyendran. G		✓	
354	E1152025	Dhinesh. M		✓	
355	E1152026	Dhinesh. S		✓	
356	E1152027	Dinesh Kumar. S		✓	


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S	Roll	Name	CP-1:	CP-2:	CP-3:
357	E1152028	Diwan Mohamed Hasan. S			
358	E1152029	Eniyan. V		✓	
359	E1152030	Fasil Ahamed. M.S		✓	
360	E1152031	Ferose Ahamed. L		✓	
361	E1152032	Gokulakrishnan. S		✓	
362	E1152033	Gopal. A		✓	
363	E1152034	Gopinaath. M		✓	
364	E1152035	Gouthamaraj. M		✓	
365	E1152036	Gowthaman. C		✓	
366	E1152037	Gunasekar. M		✓	
367	E1152038	Haamith Asraf. T		✓	
368	E1152039	Habeeb Mohamed. N		✓	
369	E1152040	Harish. A		✓	
370	E1152041	Ibrahim. T			
371	E1152043	Infant Fredrick. L		✓	
372	E1152045	Jegan Prabhu. A		✓	
373	E1152046	Joseph Pathiyanathan. T		✓	
374	E1152047	Kader Meera. J		✓	
375	E1152048	Kalaiselvan. M		✓	
376	E2162164	Abdhul Hameed. S		✓	
377	E2162165	Abivijesh. A.V		✓	
378	E2162166	Abuthakir Fareed. A		✓	
379	E2162167	Adaikala Andrews. A		✓	
380	E2162168	Alwhar Balaji. A		✓	
381	E2162169	Anandhan. S		✓	
382	E2162170	Aravindh. K		✓	
383	E2162171	Aravinthan. K		✓	
384	E2162172	Arunkumar. K.R		✓	
385	E2162173	Ashik Khan. A		✓	
386	E2162174	Asik Deen. S		✓	
387	E2162175	Aswin. J		✓	


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at.

S	Roll	Name	CP-1:	CP-2:	CP-3:
388	E2162176	Binu Denis. J		✓	
389	E2162177	Blessing. I		✓	
390	E2162178	Cicel Jerom. S		✓	
391	E2162179	Daniel Jayakumar. A		✓	
392	E2162180	Edwin Irudhayaraj. U		✓	
393	E2162181	Gideon Sathiyanesan. K		✓	
394	E2162182	Gobikrishna. P		✓	
395	E2162183	Gopala Krishnan. S		✓	
396	E2162184	Gowtham. M		✓	
397	E3152159	Anandhasudhan. E		✓	
398	E3152160	Ariff Kamaldeen. M		✓	
399	E1152050	Kapil. R		✓	
400	E1152051	Karpoorasundarapandi. M			
401	E1152052	Karthick. M		✓	
402	E1152053	Karunakaran. R		✓	
403	E1152054	Karuppu Durai. K.A		✓	
404	E1152055	Kaviyaran. E		✓	
405	E1152058	Mahendra Boopathy. S		✓	
406	E1152059	Maheswaran. K		✓	
407	E1152060	Manikandan. N		✓	
408	E1152061	Manikandan. R		✓	
409	E1152062	Manivannan. K			
410	E1152063	Maruthupandiyar. A		✓	
411	E1152064	Mathiselvan. T		✓	
412	E1152066	Mohamed Ajmal. J		✓	
413	E1152067	Mohamed Ashar Maricar. S		✓	
414	E1152068	Mohamed Asif. N		✓	
415	E1152070	Mohamed Hanifa. K			
416	E1152071	Mohamed Ibrahim Fazil. H			
417	E1152072	Mohamed Irfan. M		✓	
418	E1152073	Mohamed Ismail. S		✓	


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GUNDUR, TIRUCHIRAPPALLI-620 997.

S	Roll	Name	CP-1:	CP-2:	CP-3:
419	E1152074	Mohamed Muzzamil. A		✓	
420	E1152075	Mohamed Niyas. M		✓	
421	E1152076	Mohamed Shaik Dawood. A.M.N		✓	
422	E1152077	Mohamed Sherif. N.S		✓	
423	E1152079	Mohamed Ibrahim. S		✓	
424	E1152080	Mohamedmohideen. A		✓	
425	E1152081	Mohammed Ibrahim Ali. J		✓	
426	E1152082	Mohammed Rahil. S		✓	
427	E1152083	Mouleeshwaran. B		✓	
428	E1152084	Mubarak Ali. N		✓	
429	E1152085	Muhammed Ismail. S		✓	
430	E1152086	Mushtaq Ahamed. J		✓	
431	E1152088	Muthukumar. S		✓	
432	E1152089	Muthumohamedniyas. H		✓	
433	E1152090	Nabeel Ahamed. M		✓	
434	E1152093	Nanthakumar. V		✓	
435	E1152094	Nasik Ahamed. M		✓	
436	E1152096	Nikhil Karan.M. M		✓	
437	E1152097	Pappu Raja. K		✓	
438	E1152098	Parthasarathi. S			
439	E1152099	Parthasarathy. M			
440	E1152100	Pavithran. V			
441	E1152101	Prabakaran. J			
442	E1152102	Prabhu Raja. M			
443	E2162185	Gunaseelan. J		✓	
444	E2162186	Gunaseelan. Y		✓	
445	E2162187	Iyappan. S		✓	
446	E2162188	Jahir Ushain. B			
447	E2162189	Jaya Prakash. P			
448	E2162190	John Venis. J		✓	
449	E2162191	Joshva Amrish. A		✓	


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S	Roll	Name	CP-1:	CP-2:	CP-3:
450	E2162192	Lenin. A		✓	
451	E2162193	Logasarathi. M			
452	E2162194	Mageshwaran. R		✓	
453	E2162195	Manikandan. V		✓	
454	E2162196	Manimaran.N. N		✓	
455	E2162197	Manuram. R		✓	
456	E2162198	Mohamed Abdullah. K		✓	
457	E2162199	Mohamed Farook. M		✓	
458	E2162200	Mohamed Ibrahim. K		✓	
459	E2162201	Mohamed Sabeer. S		✓	
460	E2162202	Mohamed Ujaier. N		✓	
461	E2162203	Mohamed Zainal Zameer. M		✓	
462	E2162204	Mohammed Yashar. M		✓	
463	E2162206	Nandha Kumar. B		✓	
464	E2162207	Naveen Vignesh. V		✓	
465	E1152103	Pradeepkumar. S			
466	E1152104	Praisson.T.Abraham		✓	
467	E1152105	Premkumar. B		✓	
468	E1152107	Rahumankhan. A		✓	
469	E1152108	Raj Mathan. G			
470	E1152109	Raja Mohamed. S		✓	
471	E1152110	Rajadurai. I		✓	
472	E1152111	Rajeshwar. K		✓	
473	E1152112	Rajkumar. E		✓	
474	E1152113	Rajkumar. S		✓	
475	E1152114	Ramana Priyan. K		✓	
476	E1152115	Ranjith Kumar. A		✓	
477	E1152117	Renold Praveen. J		✓	
478	E1152118	Rohith Basha. A		✓	
479	E1152119	Sabari. C			
480	E1152121	Sameer Ahamed. M.A			

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S	Roll	Name	CP-1:	CP-2:	CP-3:
481	E1152122	Saminathan. S		✓	
482	E1152124	Santhosh Kumar. P		✓	
483	E1152125	Santhosh. T		✓	
484	E1152126	Sathish Kumar. K		✓	
485	E1152127	Sathish Kumar. S		✓	
486	E1152128	Selva Bharathi. I		✓	
487	E1152130	Shiek Deen Mohammed. N		✓	
488	E1152132	Sivasankaran. N		✓	
489	E1152133	Sivashankar. M		✓	
490	E1152134	Siva Shankar. S		✓	
491	E1152136	Suresh. R		✓	
492	E1152137	Suriyaprakash. R		✓	
493	E1152138	Surya. R			
494	E1152140	Syed Mohamed Saifudhen Quadri			
495	E1152141	Thamemul Ansary. M			
496	E1152142	Tharik Ahamed Kasim. T			
497	E1152143	Thariq Zamaan. A		✓	
498	E1152144	Thinakaran. D			
499	E1152145	Thineshkumar. K		✓	
500	E1152146	Tom Alan Doss. J		✓	
501	E1152147	Ummar Siddhiq. M			
502	E1152148	Vaithees Vel. C		✓	
503	E1152149	Veeramani. V		✓	
504	E1152150	Venkatesh. M		✓	
505	E1152153	Vignesh. V		✓	
506	E1152156	Vinothkumar. K		✓	
507	E1152157	Vinoth Kumar. M			
508	E1152158	Yahya. S			
509	E3142228	Vigneshraja. S		✓	
510	E2162208	Pari. A.		✓	
511	E2162209	Parthasarathy. R		✓	


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S	Roll	Name	CP-1:	CP-2:	CP-3:
512	E2162210	Rajasekar. R		✓	
513	E2162211	Rajasekaran. T		✓	
514	E2162212	Rakesh Rengaiyah. P		✓	
515	E2162213	Ram Kumar. V		✓	
516	E2162214	Sahaya Shyam. A		✓	
517	E2162215	Salik Mohamed. S		✓	
518	E2162216	Sameer Ahamed. P		✓	
519	E2162217	Sandeep Thomas. J		✓	
520	E2162218	Sasikumar. G		✓	
521	E2162219	Sooriya Prakash. TS		✓	
522	E2162220	Sudhakar. K		✓	
523	E2162221	Sujith. R		✓	
524	E2162222	Susendra Vasan. T		✓	
525	E2162223	Tamil Selvan. L		✓	
526	E2162224	Thoufeek Ahmed.A. A		✓	
527	E2162226	Venkatesan. R		✓	
528	E2162227	Vigneshwaran. D		✓	
529	E3152161	Ijaz Ahamed. B		✓	
530	E3152162	Santhosh Kumar. P		✓	
531	E3152163	Sathish Kumar. R		✓	

[Handwritten Signature]

Course Coordinator

[Handwritten Signature]

HoD/MECH

[Handwritten Signature]
Principal

[Handwritten Signature]
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TRICHY – PUDUKKOTTAI ROAD, TIRUCHIRAPPALLI – 620 007.
Email: principalengg@miet.edu, contact@miet.edu
Website: - www.miet.edu

Ph: 0431 – 2660 303

Course Delivery

Name of the Course: Manufacturing Automation

Course Code: ME18193

Course Coordinator: L. S. Narendhira, AP/Mech and K. Ramesh, Prof/Mech

Total Hours: 32 Hrs


Academic Year: 2018 - 2019

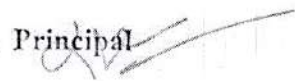
Sl.No	Topics to be Covered	Hours	Date of Delivery
1.	Introduction to automation	6	20.12.2018
2.	Automation principles and strategies		20.12.2018
3.	Basic elements of advanced functions		22.12.2018
4.	Levels modeling of manufacturing systems		22.12.2018
5.	Introduction to CNC programming		28.12.2018
6.	CNC Programming for Simple Machining Process		28.12.2018
7.	Group Technology, Part family	6	3.01.2019
8.	Sensor technologies		3.01.2019
9.	automated inspection and testing		8.01.2019
10.	Coordinate Measuring Machines		8.01.2019
11.	Machine vision		10.01.2019
12.	Rapid prototyping and Various Process		10.01.2019
13.	PLC Architecture	6	12.02.2019
14.	Modes of operation		12.02.2019
15.	Programming methods		14.02.2019
16.	Instruction addressing		14.02.2019
17.	Latches		16.02.2019
18.	Timers and counters		16.02.2019
19.	Industry 4.0- Standard	6	19.01.2019
20.	Real-time production monitoring techniques with smart sensors		19.01.2019


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Sl.No	Topics to be Covered	Hours	Date of Delivery
21.	Real-time production monitoring techniques with smart sensors		21.02.2019
22.	Configuration of smart shop floor		21.02.2019
23.	Traceability and call back of defective products		5.03.2019
24.	Traceability and call back of defective products		5.03.2019
25.	Artificial Intelligence based systems	6	7.03.2019
26.	Virtual Business		7.03.2019
27.	e-Commerce Technologies		9.03.2019
28.	Global Manufacturing Networks		9.03.2019
29.	Digital enterprise technologies		12.03.2019
30.	IOT in manufacturing		12.03.2019
31.	Test and Evaluation	1	26.03.2019


Course Coordinator


HoD


Principal


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Email: principalengg@miet.edu, contact@miet.edu

Website: - www.miet.edu

Ph: 0431 - 2660 303

Resource Person Details

Title of the program	Manufacturing Automation
Course Code	ME18193
Duration and timing of the program	31 Hrs, 5:15 PM to 7:15 PM
Name of the resource person	Mr. L.S.NARENDHIRA
Photo of the resource person	
Email address	l.s.narendhira@gmail.com
Contact number	9443236670
Designation	Assistant Professor
Educational qualification	<ul style="list-style-type: none">➤ Completed B.E., Mechanical Engineering from Annamalai University 1994.➤ Completed M.E Manufacture Engineering from BIT Campus 2014.
Experience	<ul style="list-style-type: none">➤ Industrial experience - 24 Years.➤ Teaching Experience - 7.3 Years.

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Email: principalengg@miet.edu, contact@miet.edu
Website: www.miet.edu

Ph: 0431 - 2660 303

Resource Person Details

Title of the program	Manufacturing Automation
Course Code	ME18193
Duration and timing of the program	31 Hrs, 5:15 PM to 7:15 PM
Name of the resource person	Dr. K. Ramesh
Photo of the resource person	
Email address	ramesh.k@miet.edu
Contact number	9626257890
Designation	Professor
Educational qualification	<ul style="list-style-type: none">➤ Completed B.E., Mechanical Engineering from P.S.N.A College of Engg & tech 1997.➤ Completed M.Tech., Production Engineering from National College of Engineering 2003.
Experience	<ul style="list-style-type: none">➤ Industrial experience - 00 Years.➤ Teaching Experience - 17.7 Years.

A. Ramesh
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 Email: principaleng@miet.edu, contact@miet.edu
 Website: www.miet.edu

Ph: 0431 - 2660 303

Certificate Program (II Year - IV Semester) Attendance Sheet

Name of the course: Manufacturing Automation

Course code: MEI18193

Course coordinator: L. S. Narendhira, AP/Mech and K.Ramesh, Prof/Mech

Academic Year: 2018 -19

SNo	RollNo	Name	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
			20/2	23/2	28/2	03/3	05/3	10/3	13/3	16/3	20/3	23/3	05/3	07/3	9/3	12/3	26/3	
1	E1172001	Abdul Ajees. S	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
2	E1172002	Abdul Azees. M	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
3	E1172003	Abdulbagath. B	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
4	E1172007	Abdul Rahman. A	a	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
5	E1172008	Abubaker Siddik. P	/	/	a	/	/	/	/	/	/	/	/	/	/	/	/	/
6	E1172009	Ahamed Meeran Sha. S	/	/	/	/	/	a	/	/	/	/	/	/	/	/	/	/
7	E1172010	Ahamed Subair. K	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
8	E1172011	Akash. R	/	/	/	/	/	/	/	a	/	/	/	/	/	/	/	/
9	E1172013	Akbar Ali. A	/	a	/	/	/	/	/	/	/	/	a	/	/	/	/	a
10	E1172015	Anbarasan. A	ab	a	ab	ab	a	ab	ab	a	a	ab	ab	ab	a	ab	a	ab
11	E1172016	Antony Bright Sun. P	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
12	E1172017	Antonypraveen. J	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
13	E1172020	Arulkabiriyal. M	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
14	E1172021	Arun Kumar. V	/	/	/	/	/	/	/	/	/	/	a	/	/	/	/	a
15	E1172022	Arun Kumar. S	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
16	E1172023	Arun Kumar. M	/	/	/	/	a	/	/	/	/	/	/	/	/	a	/	/
17	E1172024	Bala Murugan. J	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
18	E1172025	Basheer Ahamed. A	ab	a	ab	a	ab	a	a	ab	a	a	ab	ab	ab	ab	a	ab
19	E1172026	Benedict. A	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/

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20	E1172027	Bharath. R	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
21	E1172028	Bharathi. N	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
22	E1172030	Chandran. C	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
23	E1172031	Christober. P	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
24	E1172032	Deepan. V	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
25	E1172033	Devagar. U	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
26	E1172034	Dhinesh. P.K	/	/	/	/	/	/	a	/	/	/	/	/	/	/	/	/	/
27	E1172035	Ezaz Ahmed. A	a	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
28	E1172037	Faizudeen. H	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
29	E1172038	Felix Prabhakar. M	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
30	E1172039	Haja Kamaludeen. G	/	/	a	/	/	/	/	/	/	/	/	/	/	/	/	/	/
31	E1172040	Haris. J	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
32	E1172041	Harishkumar. R	/	/	/	/	/	/	/	a	/	/	/	/	/	/	/	/	/
33	E1172044	Jabbar Ali. A	/	/	/	/	/	/	/	/	/	/	/	/	/	/	a	/	/
34	E1172045	Jafar Sharif. R	ab	a	ab	a	a	ab	ab	a	a	ab	a	ab	a	ab	ab	a	a
35	E1172046	Jafer Sait. A	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
36	E1172047	Jakir Hussain. A	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
37	E1172048	Jamaludheen. S	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
38	E1172050	John Ezekiah. D	/	/	a	/	/	/	/	/	/	/	/	/	/	/	/	/	/
39	E1172051	Kabilan. R	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
40	E1172052	Kabilan. KB	/	/	/	/	/	a	/	/	/	/	/	/	/	/	/	/	/
41	E1172053	Kalaivanan. R	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
42	E1172055	Kamalesh. M	/	/	/	/	/	/	/	/	a	/	/	/	/	/	/	/	/
43	E1172056	Kamal Kishore. M	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
44	E1172057	Karan K (13.03.2000). K	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
45	E1172058	Karan K (10.05.2000). K	/	/	/	/	/	/	/	/	/	/	/	a	/	/	/	a	/
46	E2182168	Abdul Rahuman. T	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
47	E2182174	Kirubakar. M	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
48	E2182181	Naveen. A	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
49	E2182183	Ragul. R	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
50	E2182185	Rajavel. K	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
51	E2182186	Rasith Ahamed. S	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
52	E1172043	Ishwarya. M	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/



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53	E1172059	Karthikeyan. S	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
54	E1172061	Kishore. C	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
55	E1172063	Lenin. K	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
56	E1172064	Mahesh. P	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
57	E1172066	Manikandan. S	/	a	/	/	/	/	/	/	/	/	/	/	/	/	/	/
58	E1172068	Mayakkannan. T.K	/	/	/	/	/	/	/	a	/	/	/	/	/	/	/	/
59	E1172069	Mohamed Arif Aslam. S	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
60	E1172070	Mohamed Asarudeen. A	ab	a	ab	ab	a	ab	ab	a	ab	a	ab	ab	a	ab	a	ab
61	E1172071	Mohamed Asarudeen. J	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
62	E1172072	Mohamed Ashif. M	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
63	E1172073	Mohamed Azarudeen. M	/	/	a	/	/	/	/	/	/	/	/	/	/	/	/	/
64	E1172075	Mohamed Farook Abdullah. A	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
65	E1172076	Mohamed Hanifa. Z	/	/	/	/	a	/	a	/	/	/	/	/	/	/	/	/
66	E1172079	Mohamed Irfan. N	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
67	E1172080	Mohamed Ismail. P	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
68	E1172082	Mohamed Javith. M.K	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
69	E1172083	Mohamed Kasankhan. S	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
70	E1172084	Mohamed Malik. M	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
71	E1172085	Mohamed Noorniswer. J	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
72	E1172086	Mohamed Riyas. K	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/

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Course Coordinator


HoD


Principal


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Website: - www.miet.edu

Ph: 0431 - 2560 303

One Page Report

Name of the course: Manufacturing Automation

Course Code: ME18193

Course Coordinator: L. S. Narendhira, AP/Mech and K.Ramesh, Prof/Mech

Total Hours: 32 Hrs

Academic Year: 2018-2019

We hereby affirm that the entire course contents in the certificate program "Manufacturing Automation" listed in the certificate program syllabus have been performed by the students as the part of the prescribed co - curricular activities through certificate program by NAAC and NBA.

We confirmed that the certificate program title as "Manufacturing Automation" was done by me in the beginning of the semester and course delivery with attendance of the students were recorded.

We confirmed that all the students for this certificate program were actively attended and performed well throughout the duration and eligible students received the participation certificate.

Course Coordinator

HoD/MECH

Principal

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Ph: 0431 - 2650 303

Certificate Program Assessment Test

Name of the course: Manufacturing Automation

Course Code: ME18193

Academic Year: 2018-19

Date: 26.03.2019

Time: 02:00 hrs

Answer All the Questions (5*2=10)


PART-A


1. What is Automation system?
2. What is Partial Automation system?
3. What are the two categories of inspection?
4. What are the primary objectives of a guiding system?
5. What is the importance of modification in adaptive system?


Answer All the Questions (4*10=40)

PART - B-

6. Explain fixed and programmable automation.
7. List out the objectives of flow line automation.
8. Explain the principle and structure of adaptive control.
9. Explain how AI is implemented in an automation process?


Course Coordinator


HoD/Mech


Principal


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M.I.E.T. ENGINEERING COLLEGE

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Course Completion Certificate

This is to Certify that Mr/Ms. BENEDICT. A

of SECOND YEAR MECH [IV-SEN] has Completed the Course on

MANUFACTURING AUTOMATION from 20.12.2018 to 27.03.2019

Course Coordinator

Hod

Principal


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GUNDUR, TIRUCHIRAPPALLI-620 007.

M.I.E.T. ENGINEERING COLLEGE

Trichy, Pudukkottai Road, Trichy - 620 007.



Course Completion Certificate

This is to Certify that Mr/Ms. FAIZUDEEN. H

of SECOND YEAR MECH [IV-SEM] has Completed the Course on

MANUFACTURING AUTOMATION from 20.12.2018 to 27.03.2019

A handwritten signature in black ink, appearing to be 'S. S. S.', written over the printed name of the Course Coordinator.

Course Coordinator

A handwritten signature in black ink, appearing to be 'S. S. S.', written over the printed name of the Hod.

Hod -

A handwritten signature in green ink, appearing to be 'S. S. S.', written over the printed name of the Principal.

PRINCIPAL

A handwritten signature in black ink, appearing to be 'S. S. S.', written over the printed name of the Principal.

Principal

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Course Delivery

Name of the Course: Manufacturing Automation

Course Code: ME18193

Course Coordinator: M. Dhandayuthabani, ASP/Mech and S. Kumaradevan, AP/Mech

Total Hours: 32 Hrs

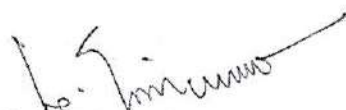
Academic Year: 2018 - 2019

Sl.No	Topics to be Covered	Hours	Date of Delivery
1.	Introduction to automation	6	21.12.2018
2.	Automation principles and strategies		21.12.2018
3.	Basic elements of advanced functions		27.12.2018
4.	Levels modeling of manufacturing systems		27.12.2018
5.	Introduction to CNC programming		29.12.2018
6.	CNC Programming for Simple Machining Process		29.12.2018
7.	Group Technology, Part family	6	4.01.2019
8.	Sensor technologies		4.01.2019
9.	automated inspection and testing		9.01.2019
10.	Coordinate Measuring Machines		9.01.2019
11.	Machine vision		11.01.2019
12.	Rapid prototyping and Various Process		11.01.2019
13.	PLC Architecture	6	13.02.2019
14.	Modes of operation		13.02.2019
15.	Programming methods		15.02.2019
16.	Instruction addressing		15.02.2019
17.	Latches		18.02.2019
18.	Timers and counters		18.02.2019
19.	Industry 4.0- Standard	6	20.02.2019
20.	Real-time production monitoring techniques with smart sensors		20.02.2019


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Sl.No	Topics to be Covered	Hours	Date of Delivery
21.	Real-time production monitoring techniques with smart sensors		22.02.2019
22.	Configuration of smart shop floor		22.02.2019
23.	Traceability and call back of defective products		6.03.2019
24.	Traceability and call back of defective products		6.03.2019
25.	Artificial Intelligence based systems	6	8.03.2019
26.	Virtual Business		8.03.2019
27.	e-Commerce Technologies		11.03.2019
28.	Global Manufacturing Networks		11.03.2019
29.	Digital enterprise technologies		13.03.2019
30.	IOT in manufacturing		13.03.2019
31.	Test and Evaluation	1	27.03.2019


Course Coordinator


HoD


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Ph: 0431 – 2660 303

Resource Person Details

Title of the program	Manufacturing Automation
Course Code	ME18193
Duration and timing of the program	32 Hrs, 5:15 PM to 7:15 PM
Name of the resource person	Mr. M. DHANDAYUTHABANI
Photo of the resource person	
Email address	mdbani19@gmail.com
Contact number	9443677060
Designation	Associate Professor
Educational qualification	<ul style="list-style-type: none">➤ Completed B.E., Mechanical Engineering from Mohamed Sathak Engg.College, M.K.University 2001.➤ Completed M.E., Thermal Engineering from Karunya Institute of Technology 2004.
Experience	<ul style="list-style-type: none">➤ Industrial experience – 10 Months.➤ Teaching Experience – 13.6 Years.

A. S. S.
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Ph: 0431 - 2660303

Resource Person Details

Title of the program	Manufacturing Automation
Course Code	ME18193
Duration and timing of the program	32 Hrs, 5:15 PM to 7:15 PM
Name of the resource person	Mr. S. KUMARADEVAN
Photo of the resource person	
Email address	kumar_mek@yahoo.co.in
Contact number	9786377689
Designation	Assistant Professor
Educational qualification	<ul style="list-style-type: none">➤ Completed B.E., Mechanical Engineering from Govt.College Of Engg 2008.➤ Completed M.E., Engineering Design Govt.College Of Tech. 2011.
Experience	<ul style="list-style-type: none">➤ Industrial experience - 00 Years.➤ Teaching Experience - 9.4 Years.


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Certificate Program (II Year - IV Semester) Attendance Sheet

Name of the course: Manufacturing Automation

Course code: ME18193

Course coordinator: M. Dhandayuthabani, ASP/Mech and S. Kumaradevan, AP/Mech


Academic Year: 2018-19

S.No	Roll No.	Name	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
			21/12	27/12	29/12	4/1	7/1	11/1	13/12	15/12	19/12	20/12	22/12	1/13	8/13	11/13	13/13	22/13
1.	E1172087	Mohamed Riyas. T	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
2.	E1172088	Mohamed Riyasdeen. M	/	/	/	/	A	/	/	/	/	/	/	/	/	/	/	/
3.	E1172089	Mohamed Shaheen Shahul Hameed	/	/	/	/	/	/	/	/	/	/	/	/	/	A	/	/
4.	E1172090	Mohamed Wasim (21.08.2000). S	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
5.	E1172091	Mohammed Abbas. M	/	/	/	/	/	/	/	/	/	/	A	/	/	/	/	/
6.	E1172093	Mohammed Hassan. S	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
7.	E1172095	Mohammed Rasik. A	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
8.	E1172096	Mohamed Wassim(10.07.2000). S	/	A	/	/	/	/	/	/	/	/	/	/	/	/	/	/
9.	E1172097	Mohan Raj. G	/	/	/	/	/	A	/	/	/	/	/	/	/	/	/	/
10.	E1172100	Muthu Kumar. M	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
11.	E1172101	Muzammil Hussain. AR	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
12.	E1172104	Nihal Ahamed. F	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
13.	E1172107	Noordeen. S	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
14.	E1172108	Noor Mohamed. A	/	A	/	/	/	/	/	/	/	/	/	/	/	/	/	/
15.	E1172110	Paline Pradhipa. I	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
16.	E1172112	Peer Mohamed. S	/	/	/	/	/	/	A	/	/	/	/	A	/	/	/	/
17.	E2182170	Abu Faizel. S	/	/	/	/	/	/	/	/	/	/	/	A	/	/	/	/
18.	E2182171	Faizal Khan. R	/	/	A	/	/	/	/	/	/	/	/	/	/	/	/	A
19.	E2182172	Kannappan. P	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
20.	E2182178	Mohamed Haroon Razeeth. K	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/

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21	E2182182	Praveen Kumar. M	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
22	E2182188	Sabeer Khan. A	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
23	E1172114	Prasanth. R	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
24	E1172115	Raamkumar. M	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
25	E1172119	Rahul. E	/	/	/	A	/	/	/	/	/	/	/	/	/	/	/	/	/
26	E1172120	Riyash Ahamed. M	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
27	E1172121	Sabi. S	/	/	/	/	/	/	/	A	/	/	/	/	/	/	/	/	/
28	E1172122	Sadham Abbas. R	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
29	E1172126	Sarathkumar. M	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	A	/
30	E1172127	Satham Usean. B	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
31	E1172128	Sellavel. R	/	/	/	/	/	/	/	/	/	/	A	/	/	/	/	/	/
32	E1172129	Selvaarasu. T	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
33	E1172130	Selva Ganapathi. M	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
34	E1172131	Shagul Hameed. I	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
35	E1172132	Shagul Hameed. M	A	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
36	E1172133	Shagul Hameed. SN	/	/	/	/	/	/	/	/	A	/	/	/	/	/	/	/	/
37	E1172134	Shahul Abdul Rahman. M	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
38	E1172135	Shaik Shafeeqe Mohamed. S	/	/	/	/	/	A	/	/	/	/	/	/	/	/	/	/	/
39	E1172136	Shanmuganathan. T	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
40	E1172137	Sheik Azarudeen. A	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
41	E1172138	Siva. K	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
42	E1172139	Sivadoss. K	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
43	E1172140	Sivanesan. S	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
44	E1172141	Sivasundar. J	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
45	E1172142	Sowkath Ali. M	/	/	/	/	/	/	/	/	/	/	/	A	/	/	/	/	/
46	E1172143	Sridhar. S	/	/	/	/	/	/	/	A	/	/	/	/	/	/	/	/	/
47	E1172144	Sri Ram. K	/	A	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
48	E1172145	Stephen Yesudoss. S	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
49	E1172146	Subash. G	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
50	E1172147	Sudhakar. C	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
51	E1172148	Suganthan. S	/	/	/	/	/	/	/	/	/	/	A	/	/	/	/	/	/
52	E1172149	Suresh Krishna. D	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
53	E1172150	Suriya. JS	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
54	E1172151	Susil Kumar. E	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/


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55	E1172152	Syed Nissar. Z	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
56	E1172154	Tamilarasan. M	/	/	/	/	/	/	/	/	/	/	/	/	/	/	A	/
57	E1172155	Tamilarasan. S	/	A	/	/	/	/	/	/	/	/	/	/	/	/	/	/
58	E1172156	Thamizhan. V	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
59	E1172157	Thamotharan. A	/	/	/	/	/	/	/	/	A	/	/	/	/	/	/	/
60	E1172158	Vadivazhagan. E	/	/	/	/	A	/	/	/	/	/	/	/	/	/	/	/
61	E1172159	Vasanth. L	/	/	/	/	/	/	/	/	/	/	A	/	/	/	/	/
62	E1172160	Vasanth. S	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
63	E1172161	Vasanth. T	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
64	E1172162	Vengatesh. J	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
65	E1172164	Vijayaprakash. V	/	/	/	/	/	/	/	/	A	/	/	/	/	/	/	/
66	E1172165	Vijayakrishnan. T	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
67	E2182175	Kirubanandam. R	/	/	/	/	A	/	/	/	/	/	/	/	/	/	/	/
68	E2182176	Marimuthu. M	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
69	E2182180	Muthu Karuppan. R	/	/	A	/	/	/	/	/	/	/	A	/	/	/	/	/
70	E2182187	Renganathan. P	/	/	/	/	/	/	/	/	A	/	/	/	/	/	/	/
71	E2182189	Tamilarasan. S	A	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
72	E2182190	Vignesh. T	/	/	/	/	/	/	/	/	/	A	/	/	/	/	/	/

$\frac{5}{6x}$ $\frac{7}{65}$ $\frac{8}{67}$ $\frac{9}{68}$ $\frac{4}{65}$ $\frac{7}{65}$ $\frac{9}{65}$ $\frac{4}{68}$ $\frac{5}{67}$ $\frac{7}{65}$ $\frac{4}{65}$ $\frac{9}{63}$ $\frac{10}{64}$ $\frac{6}{67}$ $\frac{8}{67}$ $\frac{4}{67}$
 $\frac{7}{65}$ $\frac{8}{67}$ $\frac{9}{68}$ $\frac{4}{65}$ $\frac{7}{65}$ $\frac{9}{65}$ $\frac{4}{68}$ $\frac{5}{67}$ $\frac{7}{65}$ $\frac{4}{65}$ $\frac{9}{63}$ $\frac{10}{64}$ $\frac{6}{67}$ $\frac{8}{67}$ $\frac{4}{67}$

[Signature]
Course Coordinator

[Signature]
HoD

[Signature]
Principal

[Signature]
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One Page Report

Name of the course: Manufacturing Automation

Course Code: ME18193

Course Coordinator: M. Dhandayuthabani, ASP/Mech and S. Kumaradevan, AP/Mech

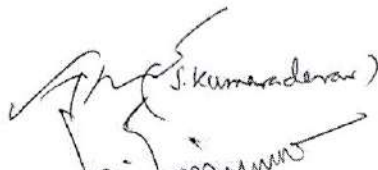
Total Hours: 32 Hrs

Academic Year: 2018-2019

We hereby affirm that the entire course contents in the certificate program “Manufacturing Automation” listed in the certificate program syllabus have been performed by the students as the part of the prescribed co – curricular activities through certificate program by NAAC and NBA.

We confirmed that the certificate program title as “Manufacturing Automation” was done by me in the beginning of the semester and course delivery with attendance of the students were recorded.

We confirmed that all the students for this certificate program were actively attended and performed well throughout the duration and eligible students received the participation certificate.


S. Kumaradevan
Course Coordinator


HoD/MECH


Principal


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Ph: 0431 - 2660 303

Certificate Program Assessment Test

Name of the course: Manufacturing Automation
Course Code: ME18193
Academic Year: 2018-19

Date: 27.03.2019
Time: 02:00 hrs

Answer All the Questions (5*2=10)

PART-A

1. What is Automation system?
2. What is Partial Automation system?
3. What are the two categories of inspection?
4. What are the primary objectives of a guiding system?
5. What is the importance of modification in adaptive system?

Answer All the Questions (4*10=40)

PART - B

6. Explain fixed and programmable automation.
7. List out the objectives of flow line automation.
8. Explain the principle and structure of adaptive control.
9. Explain how AI is implemented in an automation process?


Course Coordinator


HoD/Mech


Principal


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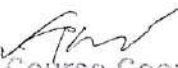
M.I.E.T. ENGINEERING COLLEGE

Trichy, Pudukkottai Road, Trichy - 620 007.





Course Completion Certificate

This is to Certify that ~~M.~~Ms. PALINE PRADHIPA I
of II year Mechanical Engg. has Completed the Course on
" Manufacturing Automation" from 21.12.2018 to 27.03.2018.


Course Coordinator


Hod


Principal


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Course Completion Certificate

This is to Certify that Mr/Ms. SOWKATH ALI M

of II year Mechanical Engg. has Completed the Course on

"Manufacturing Automation" from 21.12.2018 to 27.03.2019

A handwritten signature in black ink, appearing to be 'S. S.', written over the printed name of the Course Coordinator.

Course Coordinator

A handwritten signature in black ink, appearing to be 'S. S.', written over the printed name of the Mod.

Mod

A handwritten signature in blue ink, appearing to be 'A. S.', written over the printed name of the Principal.

PRINCIPAL

A handwritten signature in black ink, appearing to be 'S. S.', written over the printed name of the Principal.

Principal

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