

(An Autonomous Institution, Affiliated to Anna University, Chennai) Nagore Post, Nagapattinam – 611 002, Tamilnadu.

# M.E. Manufacturing Engineering

1.1.3 Average Percentage of courses focusing on Employability/ Entrepreneurship / Skill Development

Sl.no	Name of the course	Course code	Activities /content with direct bearing on Employability	Activities /content with direct bearing on Entrepreneurship	Activities /content with direct bearing on skill Development	Year of introduction
1,	Advanced Optimization Techniques	1701MF10 1	1			2017-2018
2.	Polymers and Composite Materials	1702MF10 2	×	~		2017-2018
3.	Materials Testing and Mechanical Characterizati on	1702MF10 3	×	✓		2017-2018
4.	Industrial Automation and Mechatronics	1702MF10 4	×			2017-2018
5.	Robot Design and Programming	1702MF10 5	✓			2017-2018
6.	Micro electrical mechanical systems and Nano technology	1703MF00 3	V		( <b>1</b> 47)	2017-2018
7.	CAD /CAM LAB	1704MF10 6	✓	✓		2017-2018
8.	Industrial automation lab and mechatronics lab	1704MF10 7	✓	✓ 	ATTESTED	2017-2018
9.	Communicatio n Skills Lab I	1704MF10 8			MABALAN, M.E PRINCIPAL lay Engineering Col	

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10.	Advanced Machining Technology	1701MF20 1	<b>√</b>			2017-2018
11.	Flexible Tooling and Automated Inspection	1702MF20 2	~			2017-2018
12.	Theory of Metal Forming	1702MF20 3	~			2017-2018
13.	Advances in Casting and Welding	1702MF20 4	<b>√</b>			2017-2018
14.	Precision Machining	1702MF20 5	~			2017-2018
15.	Flexible Manufacturin g Systems	1703MF00 2	×			2017-2018
16.	Metal Forming Lab	1704MF20 6	~			2017-2018
17.	Technical Seminar	1704MF20 7			<b>v</b>	2017-2018
18.	Communicatio n Skills Lab II	1704MF20 8			1	2017-2018
19.	Fluid Power Automation	MN8005	~			2013-2014
20.	Non Destructive Evaluation	MN8073	~			2013-2014
21.	METAL CUTTING THEORY AND PRACTICE	MN8010	V			2013-2014
22.	Project Work Phase I	MN8311	~	~	~	2013-2014
23.	Project Work Phase II	MN8411	1	~	~	2013-2014

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Sl.no	Name of the course	Course code	Activities /content with direct bearing on Employability	Activities /content with direct bearing on Entrepreneurship	Activities /content with direct bearing on skill Development	Year of introduction
1.	Advanced Optimization Techniques	1701MF101	<b>√</b>			2017-2018
2.	Polymers and Composite Materials	1702MF102	<b>√</b>	✓		2017-2018
3.	Materials Testing and Mechanical Characterization	1702MF103	~	✓		2017-2018
4.	Industrial Automation and Mechatronics	1702MF104	1			2017-2018
5.	Robot Design and Programming	1702MF105	✓			2017-2018
6.		1703MF003	✓			2017-2018
7.	CAD /CAM LAB	1704MF106	✓	~		2017-2018
8.	Industrial automation lab and mechatronics lab	1704MF107	✓	✓		2017-2018
9.	Communication Skills Lab I	1704MF108			✓ ATTESTED	2017-2018
10	Advanced Machining Technology	1701MF201	✓	Dr. S. R.	AMABALAN, PRINCIPAL	-2017-2018 M.E., Ph.D.,
11	Flexible Tooling and Automated Inspection	1702MF202	✓	The	illay Engineering thi Nagore - 611 attinan. (Dt) Tam	002.



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12	Theory of Metal Forming	1702MF203	~			2017-2018
13	Advances in Casting and Welding	1702MF204	~			2017-2018
14	Precision Machining	1702MF205	~			2017-2018
15	Flexible Manufacturing Systems	1703MF002	1			2017-2018
16	Metal Forming Lab	1704MF206	✓			2017-2018
17	Technical Seminar	1704MF207			1	2017-2018
18	Communication Skills Lab II	1704MF208			~	2017-2018
19	Rapid Prototyping	1703MF011	~			2017-2018
20	Heat Treatment	1703MF016	~			2017-2018
21	Industrial Waste Management	1703EV017	✓			2017-2018
22	Project Work Phase-I	1704MF301	1	✓	~	2017-2018
23	Project Work (Phase II)	1704MF401	1	~	~	2017 2018

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Sl.no	Name of the course	Course code	Activities /content with direct bearing on Employability	Activities /content with direct bearing on Entrepreneurship	Activities /content with direct bearing on skill Development	Year of introduction
1.	Advanced Optimization Techniques	1701MF101	✓ 			2017-2018
2.	Polymers and Composite Materials	1702MF102	<b>√</b>	✓		2017-2018
3.	Materials Testing and Mechanical Characterization	1702MF103	×	~		2017-2018
4.	Industrial Automation and Mechatronics	1702MF104	*			2017-2018
5.	Robot Design and Programming	1702MF105	V			2017-2018
6.		1703MF003	✓			2017-2018
7.	CAD /CAM LAB	1704MF106	$\checkmark$	*		2017-2018
8.	Industrial automation lab and mechatronics lab	1704MF107	✓	✓		2017-2018
9.	Communication Skills Lab I	1704MF108			✓	2017-2018
10	Advanced Machining Technology	1701MF201	✓	Dr. S. RAMAB	ALAN ME PH	2017-2018
11	Flexible Tooling and Automated Inspection	1702MF202	$\checkmark$	PRIN E.G.S. Pillay En Thethi, Nag	CIPAL gineering College pre - 611 002. (Dt) Tamit Nadu.	2017-2018



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12	Theory of Metal Forming	1702MF203	✓			2017-2018
13	Advances in Casting and Welding	1702MF204	√			2017-2018
14	Precision Machining	1702MF205	1			2017-2018
15	Flexible Manufacturing Systems	1703MF002	~			2017-2018
16	Metal Forming Lab	1704MF206	1			2017-2018
17	Technical Seminar	1704MF207			*	2017-2018
18	Communication Skills Lab II	1704MF208			×	2017-2018
19	Rapid Prototyping	1703MF011	✓			2017-2018
20	Heat Treatment	1703MF016	1		-	2017-2018
21	Industrial Waste Management	1703EV017	~			2017-2018
22	Project Work Phase-I	1704MF301	√	~	×	2017-2018
23	Project Work (Phase II)	1704MF401	1	~	1	2017-2018

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1.	Advanced Optimization Techniques	1701MF101	1			2017-2018
2.	Polymers and Composite Materials	1702MF102	<b>~</b>	✓		2017-2018
3.	Materials Testing and Mechanical Characterization	1702MF103	✓	✓		2017-2018
4.	Industrial Automation and Mechatronics	1702MF104	1			2017-2018
5.	Robot Design and Programming	1702MF105	✓			2017-2018
6.		1703MF003	~			2017-2018
7.	CAD /CAM LAB	1704MF106	✓	✓		2017-2018
8.	Industrial automation lab and mechatronics lab	1704MF107	× -	ATTE	STED	2017-2018
9.	Communication Skills Lab I	1704MF108			ALAN, M.E., Ph	2017-2018 D.;
10	Advanced Machining Technology	1701MF201	√	- o c pillay En	gineering 002	
11	Flexible Tooling and Automated Inspection	1702MF202	✓	Nagapattinar	gore - 611 002. n (Dt) Tamil Nadu	2017-2018



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12	Theory of Metal Forming	1702MF203	~			2017-2018
13	Advances in Casting and Welding	1702MF204	V			2017-2018
14	Precision Machining	1702MF205	×			2017-2018
15	Flexible Manufacturing Systems	1703MF002	V			2017-2018
16	Metal Forming Lab	1704MF206	*			2017-2018
17	Technical Seminar	1704MF207			<b>√</b>	2017-2018
18	Communication Skills Lab II	1704MF208			~	2017-2018
19	Rapid Prototyping	1703MF011	1			2017-2018
20	Heat Treatment	1703MF016	~			2017-2018
21	Industrial Waste Management	1703EV017	✓			2017-2018
22	Project Work Phase-I	1704MF301	<b>v</b>	V	*	2017-2018
23	Project Work (Phase II)	1704MF401	1	1	1	2017-2018

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Sl.no	Name of the course	Course code	Activities /content with direct bearing on Employability	Activities /content with direct bearing on Entrepreneurship	Activities /content with direct bearing on skill Development	Year of introduction
1.	Probability and Statistics in Manufacturing	2101MF101	V			2021-2022
2.	Modern Manufacturing Processes	2102MF102	*			2021-2022
3.	Theory of Metal Forming	2103MF001	<b>√</b>			2021-2022
4.	Advanced Welding Technology	2103MF007	1	V	ĸ	2021-2022
5.	Research Methodology and IPR	2101RMX01	1		√	2021-2022
6.	Audit Courses- English For Research Paper Writing	2101AU001		21	✓	2021-2022
7.	Computer Aided Manufacturing Lab	2102MF103	✓	✓		2021-2022
8.	Metal Forming and Metal Testing Laboratory	2102MF104	✓		,	2021-2022
9.	Industrial Automation and Mechatronics	2102MF201	✓	ATTES	3	2021-2022
10	Robot Design and Programming	2102MF202	✓	PRINCIF E.G.S. Pillay Engine Thethi, Nagore Nagapattinam (Dt)	PAL ering College, 611 002.	2021-2022



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11	Materials Technology	2102MF203	~	*	N.	2021-2022
12	Program Elective – III(Production and Operations Management)	2103MF012	×			2021-2022
13	Program Elective – IV(Processing of Polymers And Composites)	2103MF013	×			2021-2022
14	Audit Course – II(DISASTER MANAGEMENT)	2101AU002	~		*	2021-2022
15	Industrial Automation and Mechatronics Laboratory	2102MF204	4			2021-2022
16	Modeling and Simulation Laboratory	2102MF205	✓			2021-2022
17		2104MF206	✓	✓	✓	2021-2022
18	Elective III - Rapid Prototyping	1703MF011	~			2017-2018
19	Elective IV - Heat Treatment	1703MF016	✓			2017-2018
20	Elective V - Industrial Waste Management	1703EV017	✓			2017-2018
21	Project Work Phase-I	1704MF301	✓	1 AI	ant	2017-2018
22	Project Work (Phase II)	1704MF401	$\checkmark$	Dr. S. RAMA	PALAN, M.E., I	2017-2018

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