


MANJARA CHARITABLE TRUST
RAJIV GANDHI INSTITUTE OF TECHNOLOGY, MUMBAI
DEPARTMENT OF MECHANICAL ENGINEERING

DIRECT ATTAINMENT OF PROGRAM OUTCOMES (POs AND PSOs)

COURSE CODE	COURSE NAME	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PS01	PSO2
SEMESTER III (REV 2016)															
MEC301	Applied mathematics III	2.60	2.60	2.60	2.60	2.60							2.60		
MEC302	Thermodynamics	2.60	2.60	2.60	2.60			2.60				2.60		2.60	
MEC331	Strength of Material	2.33	2.33	2.33	2.36	2.36	2.20	2.20		2.47	2.40		2.20	2.33	2.20
MEC304	Production processes I	2.96	2.95	3.00	2.96	2.96	3.00	3.00	2.96	3.00	3.00	3.00	3.00	2.96	3.00
MEC305*	Material Technology	2.83	2.83	2.83	2.83	2.80	2.83	2.83				2.83	2.83	2.90	
MEL301	CAMD	2.83	2.67	2.00	2.67	2.00	2.67	2.67		2.67	2.67	2.00	2.67	2.83	2.83
MEL304	Machine shop Practice	2.60	2.60	2.60			2.60					2.60	2.60	2.60	
SEMESTER IV (REV 2012)															
MEC401	Applied Mathematics IV	2.95	2.95	2.95	2.90	3.00							2.95		
MEC402	Fluid Mechanics	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.50	1.75
MEC403	Theory of Machines I	3.00	3.00	3.00	3.00					3.00		3.00			3.00
MEC404	Production Process II	2.52	2.52	2.52	2.60		2.73	2.47				2.20	2.52	2.73	
MEC407	Machine Shop Practice II	2.60	2.60	2.60			2.60					2.60	2.60	2.47	

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SEMESTER V (REV 2012)															
MEC501	IC ENGINE	2.83	2.50	2.17	2.17	1.83	1.67	1.33	2.00	2.00	1.67	1.50	2.00	3.00	1.00
MEC502	Mech. Measurement & C	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
MEC503	Production Process III	2.47	2.47	2.47	2.47	2.36	2.47	2.47				2.47	2.47	2.47	
MEC504	Theory of Machines II	2.60	2.60	2.60	3.00		2.20	2.20					2.60	2.60	2.60
MEC505	Heat Transfer	2.33	2.33	2.33	2.33	2.33	2.33	2.36	2.20	2.36	2.36	2.36	2.33	2.67	1.00
MEL501	Business Comm. & Ethics						3.00		3.00	1.00	2.00		3.00	1.50	0.75
SEMESTER VI (REV 2012)															
MEC601	Metrology and Quality Engineering	2.97	2.97	2.97	3.00	3.00								2.97	3.00
MEC602	Machine Design I	2.20	2.20	2.20	2.20	2.20	2.20		2.20				2.20	2.20	2.20
MEC603	Mechanical Vibrations	2.40	2.50	2.75	2.75	2.80	3.00	2.33	1.00	2.50	2.00	3.00	2.50	1.67	2.00
MEC604	Thermal and Fluid Power Engineering	2.83	2.83	2.83	2.75	2.67	2.00	2.00				2.87		2.87	
MEC605	Mechatronics	2.17	2.17	2.17	2.17	2.15	2.20	2.10	2.20	2.20	2.20	2.20	2.20	2.20	2.20
MEC606	Finite element analysis	2.60	2.50	2.75	2.75	2.80	2.33		3.00	1.00	2.00	3.00	2.00	2.33	2.00

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SEMESTER VII (2012)															
MEC701	Machine Design II	2.70	2.70	2.70	2.70	2.70	2.70						2.70	2.70	2.70
MEC702	CAD/CAM/CAE	3.00	3.00	3.00	3.00	3.00					3.00	3.00	3.00	3.00	3.00
MEC703	Mechanical Utility Systems	2.93	2.90	2.90	2.93	2.93	2.80	2.80		2.80	2.90	2.80		2.87	2.87
MEC 704	Production Planning and Control	3.00	3.00	3.00	3.00	3.00						3.00		3.00	3.00
MEE7012	Elective I – Power Plant Engineering	2.60	2.60	2.60	2.60	2.00	2.60	2.60	2.60	2.60	2.60	2.60	2.60	2.60	2.60
MEE7014	Elective I – Supply Chain Management	1.33	2.17	1.83	1.67	1.67	1.83	1.67	1.00	1.83	1.83	2.17	1.00	1.50	1.50
	Project I (Included ahead)														
SEMESTER VIII (2012)															
MEC801	Design of Mechanical Systems	2.73	2.73	2.73	2.60	2.60	2.60	2.60					2.60	2.60	2.60
MEC802	Industrial Engineering and Management	2.80	2.73	2.80	2.60	2.73	2.80	2.73	3.00	3.00	3.00	3.00	3.00	2.87	2.00
MEC803	Refrigeration and Air-Conditioning	2.33	2.33	2.33	2.33	2.20	2.47	2.40				2.20		2.33	2.33
MEE8022	Elective II – Renewable Energy Sources	2.00	2.17	2.33	1.60	2.20	1.83	1.17				2.00	2.50	1.75	1.50
MEE8026	Elective II – Automobile Engineering	3.00	3.00	3.00						3.00	3.00			3.00	3.00
	Project I & Project II	2.63	2.36	2.18	2.54	2.18	2	2.27	2.18	2.18	2.09	2.54	2.45	1.81	1.81
DIRECT ATTAINMENT OF PROGRAM OUTCOMES (POs AND PSOs)		2.61	2.62	2.60	2.59	2.51	2.46	2.35	2.32	2.38	2.44	2.57	2.51	2.53	2.28

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INDIRECT ATTAINMENT OF PROGRAM OUTCOMES (POs AND PSOs)

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
ALUMNI FEEDBACK	2	2	2	3	2	2	2	2	3	2	3	2	2	1
PARENTS FEEDBACK	2	3	3	3	2	2	2	2	2	2	2	2	3	3
EMPLOYER FEEDBACK	2	2	2	2	2	2	-	2	2	2	-	2	1	1
ASME ACTIVITIES	2.09	1.82	1.73	1.64	1.89	1.91	1.45	1.91	1.33	1.73	1.73	2.09	1.64	1.71
MESA ACTIVITIES	1	2	2	2	2	3	2	2	2	2	2	3	2	2
ISHRAE ACTIVITIES	1	1	1		1.5	1		1.57	1.6	1.77	1.33	1.29	1.5	1.57
SAE ACTIVITES	1.9	2.1	1.7	2.1	1.6	0.2	0.6	1.6	2.9	3	1.7	2.62	2.8	2
INTERNSHIPS	2.4	2.1	1.3	2.0	2.9	1.8	2.3	3.0	1.6	2.2	2.9	2.0	2.2	2.0
OVERALL ATTAINMENT	1.80	2.00	1.84	2.25	1.99	1.74	1.73	2.01	2.05	2.09	2.09	2.13	2.02	1.79

OVERALL ATTAINMENT OF PROGRAM OUTCOMES (POs AND PSOs)

ATTAINMENT LEVEL OF PO = 80% OF DIRECT + 20% OF INDIRECT

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
ATTAINMENT LEVELS	2.45	2.50	2.45	2.52	2.41	2.32	2.23	2.26	2.31	2.37	2.47	2.43	2.43	2.18


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DIRECT ATTAINMENT OF PROGRAM EDUCATIONAL OBJECTIVES

PROGRAM OUTCOMES	ATTAINMENT LEVELS OF PO's	PROGRAM EDUCATIONAL OBJECTIVES				
		PEO1	PEO2	PEO3	PEO4	PEO5
PO1	2.45	2.45	2.45			
PO2	2.50	2.50				
PO3	2.45	2.45				
PO4	2.52	2.52	2.52			
PO5	2.41		2.41			
PO6	2.32					2.32
PO7	2.23					2.23
PO8	2.26					2.26
PO9	2.31			2.31		
PO10	2.37			2.37		2.37
PO11	2.47			2.47	2.47	
PO12	2.43			2.43	2.43	
PSO1	2.43			2.43		
PSO2	2.18			2.18		
LEVEL OF ATTAINMENT		2.48	2.46	2.36	2.45	2.29


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INDIRECT ATTAINMENT OF PROGRAM EDUCATIONAL OBJECTIVES

<u>STUDENT PROFESSIONAL BODIES</u>	PROGRAM EDUCATIONAL OBJECTIVES				
	PEO1	PEO2	PEO3	PEO4	PEO5
ASME	2.36	2.36	2.36	2.36	2.36
MESA	2.1	2.1	1.8	2.1	2.11
ISHARE	1.43		1.14	1.22	1.25
SAE	2.1	2.89	2.89	2.54	2.4
LEVEL OF ATTAINMENT	2	2.45	2.05	2.06	2.03

OVERALL ATTAINMENT OF PROGRAM EDUCATIONAL OBJECTIVES

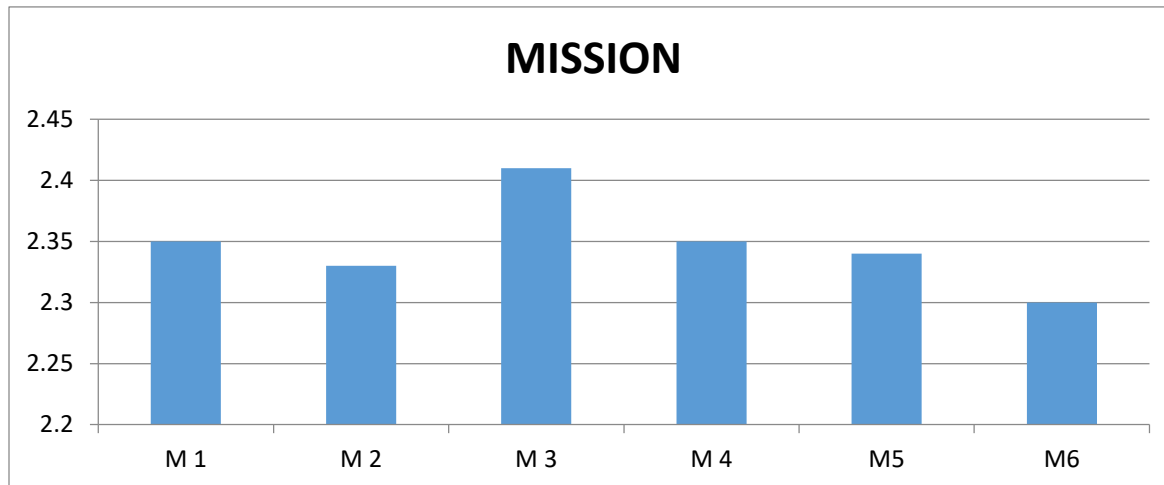
ATTAINMENT LEVEL OF PEOS = 80% OF DIRECT + 20% OF INDIRECT

	PEO1	PEO2	PEO3	PEO4	PEO5
ATTAINMENT LEVEL	2.38	2.45	2.30	2.37	2.24

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ATTAINMENT OF MISSION

PROGRAM EDUCATIONAL OBJECTIVES	ATTAINMENT LEVEL OF PEO's	MISSION					
		M1	M2	M3	M4	M5	M6
PEO1	2.38	2.38	2.38			2.38	
PEO2	2.45	2.45		2.45	2.45		
PEO3	2.30					2.30	2.30
PEO4	2.37		2.37	2.37	2.37		
PEO5	2.24	2.24	2.24		2.24		
ATTAINMENT OF MISSION		2.35	2.33	2.41	2.35	2.34	2.3



LEVELS1: LESS

LEVEL2: MODERATE

LEVEL3: HIGH