

Madhav Institute of Technology and science

CO Attainment (Jan-June2019)

Department Name: Mechanical engineering

Semester 4

Semester	Course Code	Course Name	COs	Direct % Attainment	Indirect % Attainment	Target Attainment level	Total % Attainment	Gap between Target and Total CO Attainment
Semester 4	120401	Theory of Machines –II	CO1	82	61.49	65.00	77.90	Attained
			CO2	67	62.64	65.00	66.13	Attained
			CO3	77	59.20	65.00	73.44	Attained
			CO4	56	58.62	65.00	56.52	-8.48
			CO5	50	60.34	65.00	52.07	-12.93
			CO6	47	60.34	65.00	49.67	-15.33
	120402	Design of Machine Elements	CO1	72	63.84	65.00	70.37	Attained
			CO2	62	64.41	65.00	62.48	-2.52
			CO3	79	59.89	65.00	75.18	Attained
			CO4	70	59.32	65.00	67.86	Attained
			CO5	64	61.02	65.00	63.40	-1.60
			CO6	76	58.76	65.00	72.55	Attained
	120403	Manufacturing Process	CO1	82	69.81	65.00	79.56	Attained
			CO2	84	67.92	65.00	80.78	Attained
			CO3	88	67.30	65.00	83.86	Attained
			CO4	74	66.04	65.00	72.41	Attained
			CO5	70	61.01	65.00	68.20	Attained
			CO6	64	66.04	65.00	64.41	-0.59

	120404	Engineering Thermodynamics	CO1	86	70.44	65.00	82.89	Attained
			CO2	73	69.18	65.00	72.24	Attained
			CO3	79	67.30	65.00	76.66	Attained
			CO4	73	63.52	65.00	71.10	Attained
			CO5	70	61.64	65.00	68.33	Attained
			CO6	64	67.92	65.00	64.78	-0.22
	120401 (P)	Theory of Machines –II lab	CO1	68	61.11	65.00	66.62	Attained
			CO2	92	61.48	65.00	85.90	Attained
			CO3	72	60.74	65.00	69.75	Attained
			CO4	80	61.48	65.00	76.30	Attained
			CO5	72	60.00	65.00	69.60	Attained
			CO6	88	58.52	65.00	82.10	Attained
	120402 (P)	Design of Machine Elements lab	CO1	56	62.70	65.00	57.34	-7.66
			CO2	64	56.35	65.00	62.47	-2.53
			CO3	52	61.11	65.00	53.82	-11.18
			CO4	56	56.35	65.00	56.07	-8.93
			CO5	52	57.14	65.00	53.03	-11.97
			CO6	56	61.90	65.00	57.18	-7.82
	120405 (P)	Production Lab	CO1	52	60.36	65.00	53.67	-11.33
			CO2	76	55.86	65.00	71.97	Attained
			CO3	84	60.36	65.00	79.27	Attained
			CO4	60	63.06	65.00	60.61	-4.39
			CO5	56	57.66	65.00	56.33	-8.67
			CO6	88	55.86	65.00	81.57	Attained

Semester 6

Semester	Course Code	Course Name	COs	Direct % Attainment	Indirect % Attainment	Target Attainment level	Total % Attainment	Gap between Target and Total CO Attainment
	BMEL 602	Computer Integrated Manufacturing	CO1	87	64.29	65.00	82.46	Attained
			CO2	66	60.32	65.00	64.86	-0.14
			CO3	66	65.08	65.00	65.82	Attained
			CO4	80	60.32	65.00	76.06	Attained
			CO5	77	61.11	65.00	73.82	Attained
			CO6	78	60.32	65.00	74.46	Attained
	BMEL 603	Power Plant Engineering	CO1	62	68.00	65.00	63.20	-1.80
			CO2	65	60.67	65.00	64.13	-0.87
			CO3	67	62.00	65.00	66.00	Attained
			CO4	63	62.67	65.00	62.93	-2.07
			CO5	63	59.33	65.00	62.27	-2.73
			CO6	66	62.67	65.00	65.33	Attained
	BMEL 604	Operation Research & Supply Chain	CO1	83	69.33	65.00	80.27	Attained
			CO2	70	68.67	65.00	69.73	Attained
			CO3	86	66.00	65.00	82.00	Attained
			CO4	75	68.00	65.00	73.60	Attained
			CO5	55	62.67	65.00	56.53	-8.47
			CO6	79	62.67	65.00	75.73	Attained
	BMEL 605	Turbo Machinery	CO1	79	65.22	65.00	76.24	Attained

			CO2	76	64.49	65.00	73.70	Attained
			CO3	54	65.94	65.00	56.39	-8.61
			CO4	76	65.22	65.00	73.84	Attained
			CO5	69	65.22	65.00	68.24	Attained
			CO6	59	64.49	65.00	60.10	-4.90
	BMEL 606	Dynamics of Machines	CO1	69	64.10	65.00	68.02	Attained
			CO2	55	64.10	65.00	56.82	-8.18
			CO3	50	59.62	65.00	51.92	-13.08
			CO4	50	61.54	65.00	52.31	-12.69
			CO5	58	60.26	65.00	58.45	-6.55
			CO6	58	64.10	65.00	59.22	-5.78
	BMEL 604 (P)	Operation Research & Supply Chain Lab	CO1	76	50.98	65.00	71.00	Attained
			CO2	64	56.86	65.00	62.57	-2.43
			CO3	72	56.86	65.00	68.97	Attained
			CO4	80	54.90	65.00	74.98	Attained
			CO5	80	57.84	65.00	75.57	Attained
			CO6	72	56.86	65.00	68.97	Attained
	BMEL 605 (P)	Turbo Machinery Lab	CO1	92	61.76	65.00	85.95	Attained
			CO2	64	58.82	65.00	62.96	-2.04
			CO3	76	59.80	65.00	72.76	Attained
			CO4	72	63.73	65.00	70.35	Attained
			CO5	88	67.65	65.00	83.93	Attained
			CO6	72	63.73	65.00	70.35	Attained
	BMEL 606 (P)	Dynamics of Machines Lab	CO1	60	64.71	65.00	60.94	-4.06
CO2			80	67.65	65.00	77.53	Attained	
CO3			68	63.73	65.00	67.15	Attained	
CO4			72	61.76	65.00	69.95	Attained	
CO5			64	57.84	65.00	62.77	-2.23	
CO6			64	62.75	65.00	63.75	-1.25	
BMEP 607	Minor Project	CO1	96	63.44	65.00	89.49	Attained	

			CO2	68	59.14	65.00	66.23	Attained
			CO3	92	66.67	65.00	86.93	Attained
			CO4	88	63.44	65.00	83.09	Attained
			CO5	84	60.22	65.00	79.24	Attained
			CO6	92	60.22	65.00	85.64	Attained
			CO1	72	60.26	65.00	69.65	Attained
	BMES 608	Self-Study	CO2	76	56.41	65.00	72.08	Attained
			CO3	68	52.56	65.00	64.91	-0.09
			CO4	72	53.85	65.00	68.37	Attained
			CO5	56	57.69	65.00	56.34	-8.66
			CO6	76	62.82	65.00	73.36	Attained
			CO1	64	66.67	65.00	64.53	-0.47
	BMES 609	Seminar & Group Discussion	CO2	64	64.20	65.00	64.04	-0.96
			CO3	72	67.90	65.00	71.18	Attained
			CO4	64	65.43	65.00	64.29	-0.71
			CO5	60	60.49	65.00	60.10	-4.90
			CO6	64	67.90	65.00	64.78	-0.22

Semester 8

Semester	Course Code	Course Name	COs	Direct % Attainment	Indirect % Attainment	Target Attainment level	Total % Attainment	Gap between Target and Total CO Attainment
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Semester 8

BMEL801	Vibration and Noise Control	CO1	86	67.42	65.00	82.28	Attained
		CO2	80	63.64	65.00	76.73	Attained
		CO3	70	63.64	65.00	68.73	Attained
		CO4	71	62.88	65.00	69.38	Attained
		CO5	72	59.85	65.00	69.57	Attained
		CO6	94	59.85	65.00	87.17	Attained
BMEL802	Automobile Engineering	CO1	84	69.84	65.00	81.17	Attained
		CO2	83	63.49	65.00	79.10	Attained
		CO3	78	68.25	65.00	76.05	Attained
		CO4	83	61.11	65.00	78.62	Attained
		CO5	60	69.84	65.00	61.97	-3.03
		CO6	50	65.87	65.00	53.17	-11.83
BMEL803	SQC/SPC	CO1	73	64.86	65.00	71.37	Attained
		CO2	78	67.57	65.00	75.91	Attained
		CO3	91	67.57	65.00	86.31	Attained
		CO4	82	65.77	65.00	78.75	Attained
		CO5	82	65.77	65.00	78.75	Attained
		CO6	73	70.27	65.00	72.45	Attained
BMEL804	Advance Welding Technology	CO1	60	68.52	65.00	61.70	-3.30
		CO2	61	70.37	65.00	62.87	-2.13
		CO3	61	62.96	65.00	61.39	-3.61
		CO4	54	70.37	65.00	57.27	-7.73
		CO5	61	68.52	65.00	62.50	-2.50
		CO6	50	72.22	65.00	54.44	-10.56
BMEL801 (P)	Vibration and Noise Control lab	CO1	64	62.96	65.00	63.79	-1.21
		CO2	60	59.26	65.00	59.85	-5.15
		CO3	60	55.56	65.00	59.11	-5.89
		CO4	64	59.26	65.00	63.05	-1.95
		CO5	68	56.79	65.00	65.76	Attained
		CO6	64	60.49	65.00	63.30	-1.70

	BMEL802 (P)	Automobile Engineering lab	CO1	68	61.67	65.00	66.73	1.73
			CO2	64	61.67	65.00	63.53	-1.47
			CO3	52	61.67	65.00	53.93	-11.07
			CO4	60	66.67	65.00	61.33	-3.67
			CO5	68	60.00	65.00	66.40	Attained
			CO6	60	63.33	65.00	60.67	-4.33
	BMEL803 (P)	SQC/SPC Practical	CO1	72	61.54	65.00	69.91	Attained
			CO2	60	62.82	65.00	60.56	-4.44
			CO3	80	58.97	65.00	75.79	Attained
			CO4	80	65.38	65.00	77.08	Attained
			CO5	64	62.82	65.00	63.76	-1.24
			CO6	80	62.82	65.00	76.56	Attained
	BMES805 (P)	Seminar / Self-study	CO1	88	58.97	65.00	82.19	Attained
			CO2	72	60.26	65.00	69.65	Attained
			CO3	92	62.82	65.00	86.16	Attained
			CO4	80	58.97	65.00	75.79	Attained
			CO5	84	55.13	65.00	78.23	Attained
			CO6	80	53.85	65.00	74.77	Attained
	BMED806	Project-II	CO1	60	66.67	65.00	61.33	-3.67
			CO2	64	61.73	65.00	63.55	-1.45
			CO3	56	58.02	65.00	56.40	-8.60
			CO4	64	62.96	65.00	63.79	-1.21
			CO5	56	62.96	65.00	57.39	-7.61
			CO6	60	62.96	65.00	60.59	-4.41

CO Attainment Jan-June 2019

