

# MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR (M.P.)

(A Govt. Aided UGC Autonomous & NAAC Accredited Institute Affiliated to RGPV, Bhopal)

## Department of Electronics Engineering

### CO Attainment for the session July - December 2020

Semester	Course	CO	Direct CO Attainment	Indirect CO Attainment (using feedback)	CO Attainment	Target CO Attainment	Status
Semester - III	140301 Electronics-I	CO1	87.47	66.66	83.31	70	Achieved
		CO2	88.17	62.22	82.98	70	Achieved
		CO3	86.27	75.55	84.13	70	Achieved
		CO4	89.97	73.33	86.64	70	Achieved
		CO5	83.80	68.88	80.82	70	Achieved
		CO6	83.80	57.77	78.59	70	Achieved
	140302 Digital Circuit & Systems	CO1	58.55	85.19	63.88	60	Achieved
		CO2	60.6	83.95	65.27	60	Achieved
		CO3	45.64	77.78	52.07	60	Not Achieved
		CO4	47.95	74.07	53.18	60	Not Achieved
		CO5	60.75	71.61	62.92	60	Achieved
		CO6	45.6	74.07	51.29	60	Not Achieved
	140303 Network Theory	CO1	76.5	75.62	76.32	70	Achieved
		CO2	89.2	71.14	85.59	70	Achieved
		CO3	77.65	63.18	74.76	70	Achieved
		CO4	66.15	65.67	66.05	70	Achieved
		CO5	71	68.15	70.43	70	Achieved
		CO6	85	67.66	81.53	70	Achieved
	140304 Signal & System	CO1	37.5	75.89	45.18	60	Not Achieved
		CO2	60	78.86	63.77	60	Achieved
		CO3	50	76.88	55.38	60	Not Achieved
		CO4	60	85.61	65.12	60	Achieved
		CO5	33.35	85.61	43.80	60	Not Achieved
		CO6	60	74.52	62.90	60	Achieved
Semester - V	140502 Electromagnetic Theory	CO1	95.65	56.25	87.77	70	Achieved
		CO2	95.65	60.41	88.60	70	Achieved
		CO3	95.65	64.58	89.43	70	Achieved
		CO4	95.65	60.41	88.60	70	Achieved
		CO5	95.65	52.08	86.94	70	Achieved
		CO6	95.65	66.66	89.85	70	Achieved
	140503 Data Communication	CO1	67	73.57	68.31	65	Achieved
		CO2	68.10	73.57	69.19	65	Achieved
		CO3	65.15	72.35	66.59	65	Achieved
		CO4	75.05	73.17	74.67	65	Achieved
		CO5	64	73.57	65.91	65	Achieved
	140504 Linear Control Theory	CO1	75.00	81.11	76.22	70	Achieved
		CO2	86.00	80.00	84.8	70	Achieved
		CO3	81.00	80.55	80.91	70	Achieved

		CO4	77.00	80.55	77.71	70	Achieved
		CO5	82.00	80.55	81.71	70	Achieved
	140505 Digital Communication	CO1	80.443	83.33	81.02	70	Achieved
		CO2	78.623	83.33	79.56	70	Achieved
		CO3	75.586	82.00	76.87	70	Achieved
		CO4	91.222	80.67	89.11	70	Achieved
		CO5	77.605	84.33	78.95	70	Achieved
		CO2	88.77	79.62	86.94	70	Achieved
		CO3	86.27	75.92	83.60	70	Achieved
		CO4	83.97	75.92	82.36	70	Achieved
		CO5	81.80	74.07	80.25	70	Achieved
Semester - VII	DE-3 Microwave Engineering	CO1	86.47	81.48	85.47	70	Achieved
		CO2	81.77	79.62	81.34	70	Achieved
		CO3	76.27	75.92	76.20	70	Achieved
		CO4	83.97	75.92	82.36	70	Achieved
		CO5	81.80	74.07	80.25	70	Achieved
	DE-3 Satellite & RADAR Communication	CO1	56.1	70.58	59.00	60	Not Achieved
		CO2	56.1	64.7	57.82	60	Not Achieved
		CO3	56.1	70.58	59.00	60	Not Achieved
		CO4	56.1	70.58	59.00	60	Not Achieved
		CO5	56.1	64.7	57.82	60	Not Achieved
	DE-3 VLSI Design	CO1	71.00	72	71.20	70	Achieved
		CO2	81.00	76	80.00	70	Achieved
		CO3	77.00	81	77.80	70	Achieved
		CO4	72.00	86	74.80	70	Achieved
		CO5	85.00	72	82.40	70	Achieved

Total No. of CO	CO NOT attained	% of CO NOT attained
65	11	17%

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List of subjects and their CO whose target levels are not achieved (Session July - Dec 2021)

Semester	Subject Name	CO attainment (Target not Achieved)	Action Taken
Semester - IV	140302 DCS	CO3, CO4, CO6	<ul style="list-style-type: none"><li>• Additional Classes which will focused on specific CO</li><li>• More tutorials</li><li>• Solutions of previous year question papers</li></ul>
	140304 Signal & System	CO1, CO3, CO5	
Semester - VIII	DE-3 Satellite & RADAR Communication	CO1, CO2, CO3, CO4, CO5	<ul style="list-style-type: none"><li>• Additional classes by expert</li><li>• Take care of CO distribution during question paper setting</li><li>• Better attainment of these CO can be achieved by improving their weightage in question paper</li></ul>