



# PES Institute of Technology & Management

(Affiliated to VTU, Belagavi, Approved by AICTE, New Delhi, Recognized by GoK, An ISO 9001:2015 Certified Institution)

NH-206, Sagar Road, Shivamogga-577 204

Sl No	Year	Subject	Code	Course Code	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PS01	PS02		
1	I Year	Calculus and Linear Algebra	18MAT11	C101	2	1.75	1.5	1.5								1	2	2	Achievable	
					1.32	1.15	0.99	0.99										0.66	1.32	1.32
2		Engineering Physics	18PHY12/22	C102	1.8	2												2	2	Achievable
					1.11	1.24													1.22	1.22
3		Basic Electrical Engineering	18ELE13/23	C103	2.2	2.2											2	2	2	Achievable
					1.36	1.37												1.3	1.21	1.24
4		Elements of Civil Engg. & Engineering Mechanics	18CIV14/24	C104	2.5	2	1	1					1					2	2	Achievable
					1.39	1.11	0.56	0.57						0.55						1.11
5		Engineering Graphics	18EGDL15/25	C105	1.75	1.75			2								1	2.5	2	Achievable
					1.57	1.57			1.8										0.9	2.24
6		Engineering Physics Laboratory	18PHYL16/26	C106	1.8	2			2									2	2	Achievable
					1.58	1.75			1.82											1.81
7		Basic Electrical Engineering Laboratory	18EEL17/27	C107	2	2	1						1	1	1		1	2	2	Achievable
					1.85	1.85	0.93								0.93	0.93	0.93		0.93	1.84
8		Technical English I	18EGH18	C108							2			1	2.6	1.67	2.2	2	2	Achievable
													1.46			0.73	1.89	1.21	1.6	1.45
9	Advanced Calculus and Numerical Methods	18MAT21	C109	2	2	1.5	1.5									1	2	2	Achievable	
				1.44	1.44	1.08	1.09											0.72	1.44	1.44
10	Engineering Chemistry	18CHE12/22	C110	2	2.67	2	1.5										2	2	Achievable	
				1.39	1.85	1.38	1.03												1.36	1.38
11	C Programming for Problem Solving	18CPS13/23	C111	2.6	2	2.25	2.5									1.6	2	2	Achievable	
				1.52	1.16	1.31	1.44											0.94	1.1	1.16
12	Basic Electronics	18ELN14/24	C112	2.6	2	2.33											2	2	Achievable	
				1.42	1.1	1.27													1.11	1.09
13	Elements of Mechanical Engineering	18ME15/25	C113	3	2	2.2	2									2.8	2	2	Achievable	
				2.16	1.43	1.59	1.35											2.01	1.44	1.44
14	Engineering Chemistry Laboratory	18CHEL16/26	C114	3	2.5	1.5	1										2	2	Achievable	
				2.61	2.18	1.31	0.87												1.74	1.74
15	C Programming Laboratory	18CPL17/27	C115	2	1.5	2.5		2					1	1		1	2	2	Achievable	
				1.74	1.31	2.17		1.74							0.87	0.87		0.87	1.74	1.74
16	Technical English – II	18EGH28	C116							1.33		2	1.5	2.8	1.67	2	2	2	Achievable	
												0.8		1.3	0.94	1.7	1.03	1.22	1.2	1.2
17	Transform calculus, Fourier series and Numerical Techniques	18MAT31	C201	2.25	2	1.5	1.75									1	1		Achivable	
				1.10	0.97	0.75	0.88											0.49	0.48	
18	Mechanics of Materials	18ME32	C202	3	3												3	3	Achievable	
				1.52	1.67														1.67	1.67
19	Basic Thermodynamics	18ME33	C203	2.4	2.2	1	1									1	1.67		Achievable	
				1.32	1.19	0.53	0.53											0.55	1.36	
20	Material Science	18ME34	C204	2	2.25												2		Achievable	
				1.37	1.51														1.32	
21	Metal Cutting and Forming	18ME35A/45A	C205	2	1.5	2	2										1.33	1.25	Achievable	
				1.40	1.06	1.44	1.44												0.93	0.88
22	Metal Casting & Welding	18ME35B/45B	C206	2.2		1.25				1	1					1	1	1	Achievable	
				1.68		0.94			0.62	0.62								0.62	0.49	0.57
23	Computer Aided Machine Drawing	18ME36A/46A	C207	2.5	2.25	2.5		2								2	2.5	2.34	Achievable	
				1.58	1.42	1.58		1.26										1.26	1.57	1.47
24	Mechanical Measurements and Metrology	18ME36B/46B	C208	2.2	2	2										2	2	2	Achievable	
				1.87	1.7	1.72												1.72	1.69	1.69
25	Materials Testing Lab	18MEL37A/47A	C209	2.67	2	2	1.67									2.67	1.67	1.34	Achievable	
				1.93	1.45	1.45	1.21											1.93	1.20	0.97
26	Mechanical Measurements and Metrology Lab	18ME37B/47B	C210	2	2	2							2				2		Achievable	
				1.28	1.32	1.30									1.28				1.32	
27	Foundry and Forging Lab	18ME38B/48B	C211	2.34	2.34	2							2				2		Achievable	
				1.75	1.75	1.49									1.49				1.49	
28	Workshop & Machine Shop lab	18ME38A/48A	C212	2	2	2							1.8			2	1.6		Achievable	
				1.55	1.54	1.54									1.39			1.54	1.23	
					2.2	1.8	1.4	1.4								1	1		Achievable	

Mathematics

18MAT 41

C213



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29		Mathematics	18MA141	C215	1.54	1.28	0.96	0.96								0.70	0.69		Achieved	
30		Applied Thermodynamics	18ME42	C214	2.6	2.4	2.67									1.2	2		Achieved	
31		Fluid Mechanics	18ME43	C215	1.68	1.55	1.73									0.78	1.29		Achieved	
32		Kinematics of Machines	18ME44	C216	2.33	2.33	2			2						1	2		Achieved	
33		Constitution of India, Professional Ethics and Human Rights	18CPH49	C217	1.35	1.35	1.14			1.08						0.62	0.18		Achieved	
34		Vyavaharika Kanda	18KVK39	C218	2.3	2	2							2			2	2	Achieved	
35		Aadalitha Kanda	18KAK39	C219	1.58	1.36	1.36							1.43			1.35	1.37	Achieved	
36		Management and Engineering Economics	18ME51	C301							2		2.5	2	2	2		2	2	Achieved
37		Design of Machine Elements I	18ME52	C302							1.39		1.73	1.39	1.39		1.39		1.38	Achieved
38		Dynamics of Machinery	18ME53	C303							1.5				1					Achieved
39	Turbo Machines	18ME54	C304							1.46				0.96					Achieved	
40	Fluid Power Engineering	18ME55	C305							1.34				1					Achieved	
41	Operations Management	18ME56	C306							1.30				0.97					Achieved	
42	Fluid Mechanics/Machines Lab	18MEL57	C307	2	2	2									2	2		2	Achieved	
43	Energy Lab	18MEL58	C308	1.23	1.23	1.20						1.19			1.19	1.22		1.20	Achieved	
44	Environmental Studies	18CIV59	C309	2.8	2.6	2.6							1.25				2.3	2	Achieved	
45	Finite Element Methods	18ME61	C310	1.37	1.29	1.29							0.64				1.12	0.98	Achieved	
46	Design of Machine Elements -II	18ME62	C311	2.33	2.33		2		2							3	2.5	2.67	Achieved	
47	Heat Transfer	18ME63	C312	1.22	1.22		1.05			1.08						1.24	1.36	1.32	Achieved	
48	Refrigeration & Air Conditioning	18ME642	C314	2.5	2.16	2											1.67	1.67	Achieved	
49	Remote Sensing & GIS	18CV651	C318	1.52	1.32	1.17											0.60	1.00	Achieved	
50	Occupational Health & Safety	18CV653	C319	2.4	2				2								2	2	Achieved	
51	Introduction to Data Structures and Algorithms	18CS652	C320	1.79	1.47				1.43								1.36	1.43	Achieved	
52	Modeling And Analysis Lab	18MEL66	C321	1	2				1			1		1			2	2	Achieved	
53	Heat Transfer Lab	18MEL67	C322	0.65	1.31				0.66			0.69		0.69				1.37	Achieved	
54	Heat Transfer Lab	18MEL67	C322	2	2								2.6				2		Achieved	
55	Heat Transfer Lab	18MEL67	C322	1.53	1.53								1.98				1.52		Achieved	
56	Heat Transfer Lab	18MEL67	C322	2.4	2								2.2				1.67	2	Achieved	
57	Heat Transfer Lab	18MEL67	C322	1.90	1.62								1.73				1.39	1.67	Achieved	
58	Heat Transfer Lab	18MEL67	C322	1.33						1.67	2.33								Achieved	
59	Heat Transfer Lab	18MEL67	C322	0.91						1.13	1.58								Achieved	
60	Heat Transfer Lab	18MEL67	C322	3	2		3		2	3						2	3	2	Achieved	
61	Heat Transfer Lab	18MEL67	C322	2.20	1.51		2.26		1.51	2.42				2.42		1.41	2.11	1.5	Achieved	
62	Heat Transfer Lab	18MEL67	C322	2.8	2.6	3								1.5		2	1.6	2	Achieved	
63	Heat Transfer Lab	18MEL67	C322	2.52	2.38	2.71								1.36		1.73	1.15	1.72	Achieved	
64	Heat Transfer Lab	18MEL67	C322	2	2.5	2										2	2	2	Achieved	
65	Heat Transfer Lab	18MEL67	C322	1.53	1.93	1.60										1.38	1.53	1.59	Achieved	
66	Heat Transfer Lab	18MEL67	C322	1	2				1									2	Achieved	
67	Heat Transfer Lab	18MEL67	C322	0.58	1.15				0.58					0.58	0.58			1.14	Achieved	
68	Heat Transfer Lab	18MEL67	C322	2.83	2											2	2		Achieved	
69	Heat Transfer Lab	18MEL67	C322																Achieved	
70	Heat Transfer Lab	18MEL67	C322	2.4	2.6	2	2										2	2	Achieved	
71	Heat Transfer Lab	18MEL67	C322	2.02	2.17	1.62	1.62										1.68	1.71	Achieved	
72	Heat Transfer Lab	18MEL67	C322	2	1.25	1				2		1					1.8	1.25	Achieved	
73	Heat Transfer Lab	18MEL67	C322	1.52	0.97	0.70				1.60		0.80					1.40	0.97	Achieved	
74	Heat Transfer Lab	18MEL67	C322	2	1.2	2											1		Achieved	
75	Heat Transfer Lab	18MEL67	C322	1.50	0.90	1.50											0.75		Achieved	
76	Heat Transfer Lab	18MEL67	C322	2.16	1	1.5	2.5	2.2	2.5	1.33			1			1	1.6	1.25	Achieved	
77	Heat Transfer Lab	18MEL67	C322																Achieved	
78	Heat Transfer Lab	18MEL67	C322	2.167	1												1.6	1	Achieved	
79	Heat Transfer Lab	18MEL67	C322																Achieved	
80	Heat Transfer Lab	18MEL67	C322	1.25		2.5	2.33												Achieved	
81	Heat Transfer Lab	18MEL67	C322	1.07		2.15	2.00												Achieved	
82	Heat Transfer Lab	18MEL67	C322	3	2	3			3					3		3	3	2	Achieved	
83	Heat Transfer Lab	18MEL67	C322	1.59	1.07	1.59			1.59					1.59		1.59	1.59	1.06	Achieved	
84	Heat Transfer Lab	18MEL67	C322	3	2				3					3		1	2		Achieved	
85	Heat Transfer Lab	18MEL67	C322	1.67	1.12				1.67					1.67	0.56	0.56	1.11		Achieved	





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					PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PS01	PS02
				Subjects mapped	64.00	61.00	44.00	21.00	19.00	15.00	9.00	9.00	25.00	15.00	6.00	36.00	60.00	52.00
				% POs mapped	83.12	79.22	57.14	27.27	24.68	19.48	11.69	11.69	32.47	19.48	7.79	46.75	77.92	67.53

% POs mapped

