

**Chaitanya Bharathi Institute of Technology (A)**  
**Department of Mechanical Engineering**  
**PO PSO Attainments for M.E. (TE) - R20**


Admitted year: 2022

Year of graduation: 2024

Sem: I of IV (R20)

S.No.	Semester	Course code	Name of the Course	PO1	PO2	PO3	PO4	PO5	PO6
1	I	20ME C201	Thermodynamics and Combustion	2.80	2.80	2.80	2.20	2.40	2.20
2	I	20ME C202	Advanced Fluid Dynamics	2.32	2.32	2.32	1.60	1.60	2.32
3	I	20ME E201	Thermal and Nuclear PowerPlants	2.00	2.00	3.00	1.20	1.00	2.00
4	I	20ME E205	Design of Solar and Wind Systems	2.73	2.15	2.74	1.18	1.57	1.93
5	I	20ME C203	Thermal Systems Lab	2.32	2.32	2.32	1.60	1.60	2.32
6	I	20ME C204	Design of Solar and WindSystems Lab	1.82	1.21	1.64	1.01	1.05	1.64
7	I	20EGA 101	English for Research Paper Writing -	1.80	2.40	1.60	1.60	1.60	1.60
8	I	20MEM103	Research Methodology and IPR -	1.94	1.94	1.74	1.16	1.16	1.36
9	II	20ME C106	Finite Element Techniques	2.87	1.73	1.91	2.03	2.10	2.29
10	II	20ME C205	Advanced Heat andMass Transfer	2.00	2.00	3.00	1.00	1.00	2.00
11	II	20ME E206	Computational Fluid Dynamics	2.85	1.15	2.85	1.15	1.90	2.46
12	II	20ME E209	Turbo Machines	2.00	2.00	3.00	1.20	1.00	2.00
13	II	20ME C108	Computer Aided EngineeringLab	1.97	1.32	1.97	1.05	1.43	1.70
14	II	20ME C206	Computational FluidDynamics Lab	2.54	1.64	2.54	1.21	1.59	2.02
15	II	20ME C207	Mini Project with Seminar	1.98	2.14	2.31	1.16	1.32	1.16
16	II	20EC A101	Value Education	2.04	2.04	2.04	2.04	2.04	NA
17	III	20ME E214	Engine Emissions and Pollution Control	2.00	2.00	2.00	0.60	0.60	2.00
18	III	20EE O101	Waste to Energy	1.34	0.50	1.43	1.30	1.06	1.20
19	III	20ME C208	Dissertation Phase-1	2.32	2.32	2.32	1.60	1.60	2.32
20	IV	20ME C209	Dissertation Phase-2	2.04	2.04	2.04	2.04	2.04	2.46

	Average (Direct) From PAM	2.18	1.90	2.28	1.40	1.48	1.95
	Average ( Indirect)	3.00	3.00	3.00	3.00	3.00	3.00
	Po Target ( Direct(0.8)+Indirect(0.2))	2.35	2.12	2.42	1.72	1.79	2.16
	<b>83% of PO Contribution(TARGET)</b>	<b>1.95</b>	<b>1.76</b>	<b>2.01</b>	<b>1.43</b>	<b>1.48</b>	<b>1.79</b>
	Po Attained ( Direct)	2.18	1.90	2.28	1.40	1.48	1.95
	Po Attained ( Indirect)	2.27	1.92	2.32	1.47	1.55	1.97
	Final PO Attained	<b>2.20</b>	<b>1.90</b>	<b>2.29</b>	<b>1.41</b>	<b>1.50</b>	<b>1.95</b>

  
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