



# CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (A)

Kokapet ( Village), Gandipet, Hyderabad, Telangana-500075. [www.cbti.ac.in](http://www.cbti.ac.in)



ISO Certified  
9001:2015

COMMITTED TO  
RESEARCH,  
INNOVATION AND  
EDUCATION

# 43

years

Name of the Department: Mechanical Engineering

Academic Year: 2020-21(2021 Passed Out)

PG Program: M.E(Thermal Engineering)

	Target Fixed	Target Achieved	Observation(Attained/Not Attained)	Actions Taken
PO1	1.92	2.24	Attained	to plan sudden class tests and interaction in between class for further improvement
PO2	1.71	1.87	Attained	Research Methodology and IPR subject made it mandatory course by AICTE to help PG students to learn the basic steps to write and present a substantial technical report/document technical report
PO3	1.95	2.23	Attained	planned to conduct extra assignments and train students in numerical and analytical problem by making them to solve more number of problems
PO4	1.44	1.65	Attained	to conduct interactive sessions and seminars for further improvement.
PO5	1.47	1.61	Attained	Industrial visits organized • Projects/thesis work in collaboration with R&D organizations
PO6	1.73	1.99	Attained	efforts made by the faculty members by developing the course/laboratory modules, conducting short-term courses/workshops/value added courses

### Evidences:

1. Drive Link for CO PO mapping Sheets Semester wise:
2. Complete PO attainment table for 2019 batch (AY: 2020-21) hard copy endorsed by head of the department.

HEAD, MED

PROFESSOR & HEAD  
Department of Mechanical Engineering  
Chaitanya Bharathi Institute of Technology  
Gandipet, Hyderabad-500 075, Telangana



# CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (A)

Kokapet ( Village), Gandipet, Hyderabad, Telangana-500075. www.cbti.ac.in



ISO Certified  
9001:2015

COMMITTED TO  
RESEARCH,  
INNOVATION AND  
EDUCATION

# 43 years

Name of the Department: Mechanical Engineering  
Academic Year: 2020-21(2021 Passed Out)  
PG Program: M.E(Thermal Engineering)

### PO Attainment ( WAM)

S.No	Code	Course Name		PO1	PO2	PO3	PO4	PO5	PO6
1	19ME C201	Thermodynamics and Combustion	C101	2.32	2.32	2.32	1.60	1.60	2.32
2	19ME C202	Advanced Fluid Dynamics	C102	2.32	2.32	2.32	1.60	1.60	2.32
3	19ME E201	Thermal and Nuclear Power Plants	C103	2.00	2.00	3.00	1.20	1.00	2.00
4	19ME E205	Design of Solar and Wind Systems	C104	2.74	2.16	2.75	1.18	1.57	1.95
5	19ME C203	Thermal Systems Lab	C105	2.32	2.32	2.32	1.60	1.60	2.32
6	19ME C204	Design of Solar and Wind Systems Lab	C106	1.84	1.22	1.65	1.02	1.06	1.65
7	19EGA 101	English for Research Paper Writing -	C107	1.94	2.33	1.74	1.74	1.55	1.55
8	19MEM103	Research Methodology and IPR -	C108	1.37	1.17	1.36	1.75	0.96	1.18
9	19ME C106	Finite Element Techniques	C201	2.88	1.73	1.92	2.11	2.12	2.31
10	19ME C205	Advanced Heat and Mass Transfer	C202	2.00	2.00	3.00	1.00	1.00	2.00
11	19ME E206	Computational Fluid Dynamics	C203	2.87	1.34	2.87	1.53	1.91	2.48
12	19ME E209	Turbo Machines	C204	1.73	1.73	2.60	1.37	1.54	1.73
13	19ME C108	Computer Aided Engineering Lab	C205	2.93	1.96	2.93	1.57	1.76	2.35
14	19ME C206	Computational Fluid Dynamics Lab	C206	2.47	2.08	2.47	1.68	1.61	2.04
15	19ME C207	Mini Project with Seminar	C207	1.97	1.57	1.38	0.99	1.18	1.38
16	19EC A101	Value Education	C208	2.28	2.28	2.28	2.28	2.28	2.28
17	19CEA 101	Disaster Mitigation and Management		1.83	0.50	1.98	1.71	1.34	1.61
18	19ME E212	Advances in IC Engines	C301	2.32	2.32	2.32	1.60	1.60	2.32
19	19EE O101	Waste to Energy	C302	1.83	0.50	1.98	1.71	1.34	1.61
20	19ME C208	Dissertation Phase-1	C303	2.95	1.78	2.17	1.58	1.97	1.97

PROFESSOR & HEAD  
Department of Mechanical Engineering  
Chaitanya Bharathi Institute of Technology (A)  
Hyderabad-500 075, Telangana

.No	Code	Course Name		PO1	PO2	PO3	PO4	PO5	PO6
21	19ME C209	Dissertation Phase-2	C401	2.32	2.32	2.32	1.60	1.60	2.32
		Average (Direct) From PAM		2.25	1.92	2.30	1.51	1.55	1.95
		Average ( Indirect)		3.00	3.00	3.00	3.00	3.00	3.00
		Po Target ( Direct(0.8)+Indirect(0.2))		2.40	2.14	2.44	1.81	1.84	2.16
		80% of PO Contribution(TAGET)		1.92	1.71	1.95	1.44	1.47	1.73
		Po Attained ( Direct)		2.25	1.81	2.27	1.54	1.53	1.99
		Po Attained ( Indirect)		2.2	2.11	2.05	2.09	1.93	1.99
		Final PO Attained		2.24	1.87	2.23	1.65	1.61	1.99

*P. Reddy*

PROFESSOR & HEAD  
 Department of Mechanical Engineering  
 Chaitanya Bharathi Institute of Technology (A)  
 Gandipet, Hyderabad-500 075, Telangana

PROFESSOR & HEAD  
 Department of Mechanical Engineering  
 Chaitanya Bharathi Institute of Technology (A)  
 Gandipet, Hyderabad-500 075, Telangana