

**CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY**

**(AUTONOMOUS)**

**DEPARTMENT OF CIVIL ENGINEERING**

**M.E. STRUCTURAL ENGINEERING**

**ATTAINMENT FOR BATCH 2019-2021**

	Code	TITLE	PO1	PO2	PO3	PO4
1	19CE C101	ADVANCED STRUCTURAL ANALYSIS	1.76	1.55	1.56	1.34
		TARGET LEVEL	1.73	1.56	1.56	1.39
2	19CE C102	ADVANCED SOLID MECHANICS	2.08	1.57	---	0.69
		TARGET LEVEL	1.53	1.12	---	0.51
3	19CE E104	STRUCTURAL HEALTH MONITORING	1.97	1.97	1.95	1.43
		TARGET LEVEL	1.91	1.91	1.91	1.39
4	19ME C103	RESEARCH METHODOLOGY AND IPR	1.25	1.98	1.07	1.28
		TARGET LEVEL	1.14	1.43	0.78	1.14
5	19CE C103	STRUCTURAL DESIGN LAB	1.51	1.51	1.29	1.51
		TARGET LEVEL	1.21	1.21	1.04	1.21
6	19CE C104	ADVANCED CONCRETE LAB	1.51	1.51	1.29	1.51
		TARGET LEVEL	1.21	1.21	1.04	1.21
7	19CE C105	FINITE ELEMENT METHODS IN STRUCTURAL ENGINEERING	1.87	1.72	1.56	1.37
		TARGET LEVEL	1.91	1.73	1.56	1.39
8	19CE C106	STRUCTURAL DYNAMICS	2.52	1.68	1.68	1.68
		TARGET LEVEL	2	1.33	1.33	1.33
9	19CE E107	REPAIRS AND RETROFITTING OF STRUCTURES	1.74	1.64	2.1	1.21
		TARGET LEVEL	1.73	1.73	2.08	1.21
10	19CE E110	DESIGN OF ADVANCED CONCRETE STRUCTURES	1.761	1.82	1.916	1.874
		TARGET LEVEL	1.67	1.67	1.67	1.67
11	19CE E111	ADVANCED FOUNDATION ENGINEERING	3	3	2.4	3
		TARGET LEVEL	1.4	1.4	1.12	1.4
12	19CE C107	MODEL TESTING LAB	1.51	2.16	1.51	1.94
		TARGET LEVEL	1.21	1.73	1.21	1.56
13	19CE C108	NUMERICAL ANALYSIS LAB	1.51	1.94	1.29	1.51
		TARGET LEVEL	1.21	1.56	1.04	1.21



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14	19CE C109	MINI PROJECT with SEMINAR	1.51	1.51	1.29	1.51
		TARGET LEVEL	1.21	1.21	1.04	1.21
15	19CE E114	DESIGN OF PRE-STRESSED CONCRETE STRUCTURES	1.21	1.01	0.87	0.69
		TARGET LEVEL	1.21	1.04	0.87	0.69
16	19CE C110	DISSERTATION PHASE-I	1.94	1.94	1.51	1.51
		TARGET LEVEL	1.56	1.56	1.21	1.21
17	19CE C111	DISSERTATION PHASE-II	1.51	1.94	1.51	1.94
		TARGET LEVEL	1.21	1.56	1.21	1.56
			PO1	PO2	PO3	PO4
	Student Exit Survey		2.19	2.26	2.19	2.29
	Employer Survey		2.13	1.30	2.56	1.90
	Indirect Attainment		2.16	1.78	2.38	2.10
	Direct Attainment		2.28	1.70	1.75	1.53
	Final Attainment		2.26	1.72	1.87	1.64
	<b>Target</b>		<b>2.40</b>	<b>1.75</b>	<b>1.87</b>	<b>1.63</b>

  
FACULTY INCHARGE

  
HEAD

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Name of the Department: Civil Engineering

Academic Year: 2020-21 (2021 Passed Out)

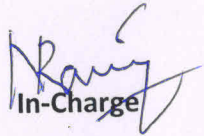
**PG Program: M.E (Structural Engineering)**

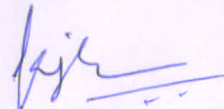
	Target Fixed	Target Achieved	Observation(Attained/Not Attained)	Actions Taken		
				A1	A2	A3
PO1	2.4	2.26	Not Attained	Proposed to conduct remedial classes with a focus on problem solving.	Proposed to enhance the use of ICT tools for teaching-learning and to motivate students towards research	To encourage students to carry out projects in emerging areas of Structural Engineering
PO2	1.75	1.72	Not Attained	It is proposed to give assignments with higher BT level problems	Arranging guest lectures involving case studies on real world problems.	To involve the students in the departmental research/consultancy activities
PO3	1.87	1.87	Attained	To encourage students to learn Analysis and Design software like STADPRO, ETABS, ANSYS, etc. and carry out their dissertations.	To encourage the students to actively participate in product exhibitions, seminars and paper presentations related to sustainable development in civil and structural engineering	
PO4	1.63	1.64	Attained	To encourage the students to carry out Industry based internships/ projects to	To encourage the students to achieve proficiency in total project management.	

				achieve proficiency in designing with due consideration for environmental safety and sustainability.		
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#### Evidences:

1. Drive Link for CO PO mapping Sheets Semester wise:  
<https://docs.google.com/spreadsheets/d/1hwkzUqJbUnKwG13yyIs8vo6FzXGQG0I/edit?usp=sharing&oid=110042519639809537493&rtpof=true&sd=true>
2. Complete PO attainment table for 2017 batch (AY: 2020-21) hard copy endorsed by head of the department.

  
In-Charge

  
HEAD  
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