

Study & Evaluation Scheme of Master of Technology in Structural Engineering

[Applicable for 2022-24]

Version 2022.

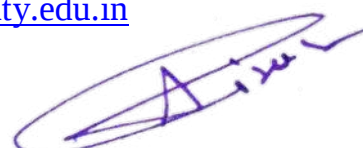
[As per CBCS guidelines given by UGC]



Approved in BOS	Approved in BOF	Approved in Academic Council
28/05/2022	08/08/2022	20/10/2022 Vide Agenda No. 8.4.1

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Registrar
Quantum University

SEMESTER-IV

Course	Category	Course Title	L	T	P	C	Version	Course
CE4470	FW	Dissertation	0	0	4	11		
Total			0	0	4	11		

Contact Hrs. 04

PROGRAME ELECTIVE (PE) COURSES

Elective	Course	Course Title	L	T	P	C	Version	Course
I	CE4105	Finite Element Analysis	3	0	0	3	1.0	Nil
	CE4106	Concept of Ductile Detailing	3	0	0	3	1.0	Nil
	CE4107	Construction Machinery and Equipment's	3	0	0	3	1.0	Nil
	CE4108	Advanced solid mechanics	3	0	0	3	1.0	Nil
II	CE4209	Design of Tall Buildings	3	0	0	3	1.0	Nil
	CE4210	Theory of Plates and Shells	3	0	0	3	1.0	Nil
	CE4211	Fire Resistance of Structures	3	0	0	3	1.0	Nil
III	CE4212	Safety of Structures	3	0	0	3	1.0	Nil
	CE4213	Soil Structure Interaction	3	0	0	3	1.0	Nil
	CE4214	Environment Impact Assessment	3	0	0	3	1.0	Nil
	CE4215	Wind effect on structures	3	0	0	3	1.0	Nil
	CE4216	Reliability based design	3	0	0	3	1.0	Nil
IV	CE4304	Advanced Foundation Engineering	3	0	0	3	1.0	Nil
	CE4305	Computer Application in Design	3	0	0	3	1.0	Nil
V	CE4306	Advanced Concrete Technology	3	0	0	3	1.0	Nil
	CE4307	Plastic Analysis	3	0	0	3	1.0	Nil
	CE4314	Statistical methods and algorithm	3	0	0	3	1.0	Nil
	CE4315	Structural material	3	0	0	3	1.0	Nil
	CE4316	Plates and shells	3	0	0	3	1.0	Nil



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