

RASHTRASANT TUKDOJI MAHARAJ NAGPUR UNIVERSITY, NAGPUR
FACULTY OF SCIENCE & TECHNOLOGY
B. TECH CIVIL ENGINEERING (CHOICE BASED CREDIT SYSTEM)
LIST OF ELECTIVES

S R. N O.	NAME OF GROUP/STR EAM	5 th Sem	5 th Sem	6 th Sem	7 th Sem	7 th Sem	7 th Sem
		BTCVE505T	BTCVE506T	BTCVE604T	BTCVE702T	BTCVE703T	BTCVE704T
		ELECTIVE-I	ELECTIVE-II	ELECTIVE-III	ELECTIVE-IV	ELECTIVE-V	ELECTIVE-VI
1	Structural Engineering	Advanced structural Analysis	Advanced Concrete Structure	Prestressed Concrete	Advanced RCC Design	Advanced Steel Design	Design of earthquake Resistant structure
2	Geotechnical Engineering	Geosynthesis Engineering	Earth Retaining Structures	Soil Dynamics	Advanced Soil Engineering	Advanced Foundation Engineering	Advanced Engineering Geology
3	Environmental Engineering	Geo Environmental Engineering	Climate Change & mitigation	Environment Management	Sustainable Resource management	Air Pollution & Solid Waste Management	Water and Wastewater Treatment
4	Materials	Advanced Building Materials	Advanced Concrete Technology	Repair Rehabilitation of Civil Engineering structures	Building Construction Practices	Precast And Modular Construction Practices	Forensic in Civil Engineering
5	Hydraulics	Ground Water Hydrology	Flood Control & Drainage	Water transmission & Distribution System	Design of Hydraulic Structure	Hydropower Engineering	Irrigation Management
6	Transportation Engineering and Surveying	Advanced Surveying	Railway Engineering	Urban Transportation Planning	Advanced Traffic engineering & management	Bridge Engineering	Pavement analysis & Design

Dr. A. N. Dashade
Dr. A. N. Dashade

Dr. A. N. Dashade
 (Dr. A. N. Dashade)
 BOS member

Dr. Avinash N. Shrikhande
 (Dr. Avinash N. Shrikhande,
 BOS (Civil Engg) chairman

