



D Y PATIL
UNIVERSITY
PUNE

SCHOOL OF ENGINEERING

AMBI, TALEGAON, PUNE

M.TECH PROGRAMME (CONSTRUCTION MANAGEMENT) FOR ACADEMIC YEAR 2020-21

BATCH 2020 - 2022

DEPARTMENT OF CIVIL ENGINEERING

SUBJECT BASKET

FIRST YEAR SEMESTER - I	FIRST YEAR SEMESTER - II	SECOND YEAR SEMESTER - III	SECOND YEAR SEMESTER - IV
<i>PG CIVIL CM</i>	<i>PG CIVIL CM</i>	<i>PG CIVIL CM</i>	<i>PG CIVIL CM</i>
Probability and Data Analysis in Construction Management	Operation Research	Application of Modern Optimization Techniques in Civil Engineering	Dissertation Phase – II
Construction Technology	Construction Contracts, Valuation and Administration Management	Open Elective	
TQM & MIS in Construction Engineering	Project Economics and Financial Management	Program Elective-III	
Research Methodology and IPR	Program Elective-II	Seminar-II	
Program Elective-I	Seminar-I	Dissertation Phase-I	
Audit Course-I	Audit Course-II		

**The School/College has all the rights to revise the syllabus/curriculum at any time.*

List of Electives offered during the Two Year Program

Sr. No.	Elective I	Sr. No.	Elective II
1	Sustainable Construction Materials	1	Building Services and Maintenance
2	Construction Safety	2	Green Building Design and Construction
3	Economics & Finance For Engineers	3	Material Management
4	Disaster Management	4	Human Resource Development

Sr. No.	Elective III	Sr. No.	Open Elective
1	Advanced Construction Technology	1	Construction Project Audit
2	Infrastructure Development	2	Application of Geographic Information System
3	Risk Analysis & Mitigation Practice	3	Building Science And Acoustic Technology
4	Construction Equipment Management	4	Cost Management of Engineering Projects
		5	Business Analytics