

DEPARTMENT OF CIVIL ENGINEERING
M.E - CONSTRUCTION ENGINEERING AND MANAGEMENT

PROFESSIONAL CORE COURSES

SL.No	CODE NO.	COURSE TITLE	Course Type	L	T	P	C
1	PCEC001	Quantitative Methods in Construction Management	PCC	3	0	0	3
2	PCEC002	Recent Advances in Construction Materials	PCC	3	0	0	3
3	PCEC003	Construction Methods and Equipments	PCC	3	0	0	3
4	PCEC004	Project Formulation and Appraisal	PCC	3	0	0	3
5	PCEC005	Advanced Construction Engineering Laboratory	PCC	0	0	2	2
6	PCEC006	Health Monitoring of Structures	PCC	3	0	0	3
7	PCEC007	Computer Applications in Construction Engineering and Planning	PCC	3	0	0	3
8	PCEC008	Construction Regulations and Control	PCC	3	0	0	3
9	PCEC009	Valuation	PCC	3	0	0	3
10	PCEC010	Advanced Computer Techniques Laboratory	PCC	0	0	2	2

PROFESSIONAL ELECTIVE COURSES

SL.No	CODE NO.	COURSE TITLE	Course Type	L	T	P	C
1	PCEE001	Shoring, Scaffolding and Formwork	PE	3	0	0	3
2	PCEE002	Construction Economics and Finance	PE	3	0	0	3
3	PCEE003	International Construction Business	PE	3	0	0	3
4	PCEE004	Management of Housing Projects	PE	3	0	0	3

5	PCEE005	Industrial Relations and Human Resource Management	PE	3	0	0	3
6	PCEE006	Construction Project management	PE	3	0	0	3
7	PCEE007	Project Planning and Control	PE	3	0	0	3
8	PCEE008	Value Engineering	PE	3	0	0	3
9	PCEE009	Management of Quality and Safety in Construction	PE	3	0	0	3
10	PCEE010	Energy Conservation Techniques in Building Construction	PE	3	0	0	3
11	PCEE011	Remote Sensing and GIS for Urban Planning and Management	PE	3	0	0	3
12	PCEE012	Integrated Project Information Management	PE	3	0	0	3
13	PCEE013	Forensic Engineering and Retrofitting of Structures	PE	3	0	0	3
14	PCEE014	International Contracting	PE	3	0	0	3
15	PCEE015	Technology and Management of High Rise and Special Buildings	PE	3	0	0	3
16	PCEE016	Management of Underground Construction and Marine Structures	PE	3	0	0	3
17	PCEE017	Prefabricated Structures	PE	3	0	0	3
18	PCEE018	Management of Public Private Partnership Projects	PE	3	0	0	3
19	PCEE019	Green Construction Management	PE	3	0	0	3
20	PCEE020	Project risk management	PE	3	0	0	3

GENERIC ELECTIVE COURSES

SL.No	CODE NO.	COURSE TITLE	Course Type	L	T	P	C
1	PCGE001	Computer Simulation Modeling and Analytical Tools for Project Management	GE	3	0	0	3
2	PCGE002	Disaster Management	GE	3	0	0	3
3	PCGE003	Management Principles and Risk Analysis	GE	3	0	0	3
4	PCGE004	Building Acoustics and Noise Control	GE	3	0	0	3

EMPLOYABILITY ENHANCEMENT COURSE

SL.No	CODE NO.	COURSE TITLE	Course Type	L	T	P	C
1	PCEO001	Project Phase I	EEC	0	0	6	6
2	PCEO002	Industrial Internship Training	EEC	0	0	1	1
3	PCEO003	Technical Seminar	EEC	0	0	1	1
4	PCEO004	Project Phase II	EEC	0	0	12	12

INSTITUTIONAL CORE COURSES

SL.No	Course Code	Course Title	Course Type	L	T	P	C
1	PICM001	Statistical Methods for Engineers	ICC	3	1	0	4