

School of Engineering & Technology
Course Structure for Postgraduate Programme of Master of Civil Engineering
(M.Tech.- Construction Management)

Semester-I

Sr. No.	Core Course	Course Code	Theory Paper/Practical	Teaching Scheme (Hrs./Week)				Credits	Duration University Exam. (Hrs.)	CIA	Examination Scheme			Total Marks
				L	T	P	Total				T	P/O	TW	
01	PC	PCM101	Construction and Resource Management	4	--	--	4	4	3	50	50	--	--	100
02	PC	PCM102	Legal Aspects in Construction Management	4	--	--	4	4	3	50	50	--	--	100
03	PC	PCM103	Human Resource Management	4	--	--	4	4	3	50	50	--	--	100
04	UC	17RDP101	Research Methodology	4	--	--	4	4	3	50	50	--	--	100
05	Elective I			4	--	--	4	4	3	50	50	--	--	100
	PE	PCME01	Equipment Management System											
	PE	PCME02	Green Construction Management											
	PE	PCME03	Value Engineering and Cost Control											
	PE	PCME04	Life Cycle Cost Analysis											
06	PC	PCM111	Lab Practice I	--	--	4	4	2	--	50	--	50	--	100
Total				20	--	04	24	22		300	250	50	--	600

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Semester-II

Sr. No.	Core Course	Course Code	Theory Paper/Practical	Teaching Scheme (Hrs./Week)				Credits	Duration University Exam. (Hrs.)	CIA	Examination Scheme			Total Marks
				L	T	P	Total				T	P/O	TW	
01	PC	PCM201	Operation Research	3	--	--	3	3	3	50	50	--	--	100
02	PC	PCM202	Estimating and Quantity Surveying	4	--	--	4	4	3	50	50	--	--	100
03	PC	PCM203	Quality Control and Risk Analysis	4	--	--	4	4	3	50	50	--	--	100
04	PC	PCM204	Accounting in Construction Projectand Financial Management	4	--	--	4	4	3	50	50	--	--	100
05	Elective-II			4	--	--	4	4	3	50	50	--	--	100
	PE	PCME05	Retrofitting and Redevelopment											
	PE	PCME06	Real Estate Management											
	PE	PCME07	Building Information Modeling											
	PE	PCME08	Strategic Management and Business Policies											
06	PC	PCM211	Lab Practice II	--	--	4	4	2	--	50	--	50	--	100
			Total	19	--	04	23	21		300	250	50	--	600

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Semester – III

Sr. No.	Core Course	Course Code	Theory Paper/Practical	Teaching Scheme (Hrs/Week)			Credits	Examination Scheme					
				T	P	Total		Duration University Exam. (Hrs.)	CIA	University Exam. (Maximum Marks)			Total Marks
										T	P	TW	
1	PC	PCM311	Presentation Stage -I	--	10	10	10	3	50	--	--	50	100
2	PC	PCM312	Presentation Stage -II	--	10	10	10	3	50	--	--	50	100
Total				--	20	20	20	6	100	--	--	100	200

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Semester – IV

Sr. No.	Core Course	Course Code	Theory Paper/Practical	Teaching Scheme (Hrs/Week)			Credits	Examination Scheme					
				T	P	Total		Duration University Exam. (Hrs.)	CIA	University Exam. (Maximum Marks)			Total Marks
										T	P/O	TW	
1	PC	PCM411	Presentation Stage -III	--	10	10	10	3	50	--	--	50	100
2	PC	PCM412	Final Presentation and Viva Voce	--	10	10	10	3	--	--	100	100	200
Total				--	20	20	20	6	50	--	100	150	300

CIA: Continuous Internal Assessment; T: Theory; P: Practical; TW: Term Work