



SANDIP UNIVERSITY

School of Engineering and Technology
Department of Civil Engineering

Course – M.Tech Construction Management Semester – I

Sr. No.	Core	Course Code	Course Name	Teaching Scheme (Hrs./Week)				Examination Scheme				Total Marks
				L	T	P	C	Formative Assessment CIA		Summative Assessment ESE		
								Course	Lab	Course	Lab	
1	PC	PCM101	Construction and Resource Management	4	--	--	4	50	--	100	--	100
2	PC	PCM102	Legal Aspects in Construction Management	4	--	--	4	50	--	100	--	100
3	PC	PCM103	Human Resource Management	4	--	--	4	50	--	100	--	100
4	UC	17RDP101	Research Methodology	4	--	--	4	50	--	100	--	100
Elective I												
5	PE	PCME01	Equipment Management System	4	--	--	4	50	--	100	--	100
	PE	PCME02	Green Construction Management									
	PE	PCME03	Value Engineering and Cost Control									
	PE	PCME04	Life Cycle Cost Analysis									
6	PC	PCM111	Lab Practice I	--	--	4	2	--	50	--	50*	100
TOTAL				20	--	4	22	250	50	500	50	600

CIA: Continuous Internal Assessment	#: Internship for 15 days.	CIA	Weightage	Description
L: Theory Lecture	*: Oral Examination	CIA 1	10%	Home Assignment
T: Tutorial	UC: University Core	CIA 2	20%	Mid-Term Exam (MTE)
P: Practical	PC: Programme Core	CIA 3	10%	Seminar Presentation
TH: Theory Exam.	PE: Programme Elective	CIA 4	10%	Research Based Activity
		TOTAL	50%	

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School of Engineering and Technology
Department of Civil Engineering

**Course - M.Tech Construction Management
Semester – II**

Sr. No.	Core	Course Code	Course Name	Teaching Scheme (Hrs./Week)				Examination Scheme				Total Marks
				L	T	P	C	Formative Assessment CIA		Summative Assessment ESE		
								Course	Lab	Course	Lab	
1	PC	PCM201	Operation Research	3	--	--	3	50	--	100	--	100
2	PC	PCM202	Estimating and Quantity Surveying	4	--	--	4	50	--	100	--	100
3	PC	PCM203	Quality Control and Risk Analysis	4	--	--	4	50	--	100	--	100
4	PC	PCM204	Accounting in Construction Project and Financial Management	4	--	--	4	50	--	100	--	100
Elective II												
5	PE	PCME05	Retrofitting and Redevelopment	4	--	--	4	50	--	100	--	100
	PE	PCME06	Real Estate Management									
	PE	PCME07	Building Information Modeling									
	PE	PCME08	Strategic Management and Business Policies									
6	PC	PCM211	Lab Practice II	--	--	4	2	--	50	--	50*	100
TOTAL				19	--	4	21	250	50	500	50	600

CIA: Continuous Internal Assessment	#: Internship for 15 days.	CIA	Weightage	Description
L: Theory Lecture	* : Oral Examination	CIA 1	10%	Home Assignment
T: Tutorial	UC: University Core	CIA 2	20%	Mid-Term Exam (MTE)
P: Practical	PC: Programme Core	CIA 3	10%	Seminar Presentation
TH: Theory Exam.	PE: Programme Elective	CIA 4	10%	Research Based Activity
		TOTAL	50%	

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Department of Civil Engineering

Course - M.Tech Construction Management
Semester – III

Sr. No.	Core	Course Code	Course Name	Teaching Scheme (Hrs./Week)				Examination Scheme				Total Marks
				L	T	P	C	Formative Assessment CIA		Summative Assessment ESE		
								Course	Lab	Course	Lab	
1	PC	PCM311	Presentation Stage -I	--	--	10	10	--	50	--	50	100
	PC	PCM312	Presentation Stage -II	--	--	10	10	--	50	--	50	100
TOTAL				--	--	20	20	--	100	--	100	200

CIA: Continuous Internal Assessment	#: Internship for 15 days.	CIA	Weightage	Description
L: Theory Lecture	*: Oral Examination	CIA 1	10%	Home Assignment
T: Tutorial	UC: University Core	CIA 2	20%	Mid-Term Exam (MTE)
P: Practical	PC: Programme Core	CIA 3	10%	Seminar Presentation
TH: Theory Exam.	PE: Programme Elective	CIA 4	10%	Research Based Activity
		TOTAL	50%	

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Sr. No.	Core	Course Code	Course Name	Teaching Scheme (Hrs./Week)				Examination Scheme				Total Marks
				L	T	P	C	Formative Assessment CIA		Summative Assessment ESE		
								Course	Lab	Course	Lab	
1	PC	PCM411	Presentation Stage -III	--	--	10	10	--	50	--	50	100
2	PC	PCM412	Final Presentation and Viva Voce	--	--	10	10	--	100	--	100	200
TOTAL				--	--	20	20	--	150	--	150	300

CIA: Continuous Internal Assessment	#: Internship for 15 days.	CIA	Weightage	Description
L: Theory Lecture	*: Oral Examination	CIA 1	10%	Home Assignment
T: Tutorial	UC: University Core	CIA 2	20%	Mid-Term Exam (MTE)
P: Practical	PC: Programme Core	CIA 3	10%	Seminar Presentation
TH: Theory Exam.	PE: Programme Elective	CIA 4	10%	Research Based Activity
		TOTAL	50%	


