





**JSPM UNIVERSITY PUNE**  
**Faculty of Science and Technology**  
**School of Civil Engineering and Environmental Sciences**  
**Course Structure: M. Tech. (Construction Management)**

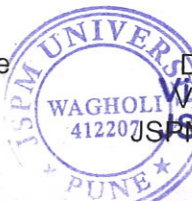
**Semester – I**  
**Level - 6.5**

Sr. No.	Course Type	Course Code	Course Name	Teaching Scheme (Hrs. per week)				Examination and Marking Scheme			Credits
				L	T	P	EL	TH	PR	OR	
01	PSMC	230GMAM03_01	Probability and Statistics	2	1	-	-	100	-	-	3
02	PSBC	230GCMM01_01	Construction Project Planning and Management	3	-	-	2	100	-	-	3.5
03	PCC	230GCMM02_01	Construction Materials and Materials Management	2	-	-	-	100	-	-	2
04	PCC	230GTEM03_01	Applications of Remote Sensing Geographic Information System	2	-	-	-	100	-	-	2
05	MMC	230GRAM24_01	Sensors and Automation	1	-	2	-	-	50	50	2
06	SEC	230GSEM19_01	Building Information Modelling	2	-	2	-	-	50	50	3
07	VSC (HSMC)	230IDCB01_01	Design Thinking and Creativity	1	-	-	2	-	-	50	1.5
08	AEC (HSMC)	230UENM01_01	Communicative English for Professionals	1	-	2	-	50	-	-	2
09	RMC	230IRMM01_01	Research Methodology	2	-	-	-	50	-	-	2
10	LC	230GCMM03_01	Project Planning Lab	-	-	2	-	-	-	50	1
<b>Total Academic Engagement and Credits</b>				<b>16</b>	<b>1</b>	<b>8</b>	<b>4</b>	<b>500</b>	<b>100</b>	<b>200</b>	<b>22</b>
				<b>25</b>				<b>800</b>			

  
 Dr. M. Nithya  
 Programme Coordinator  
 FST

  
 Dr. R. S. Deshpande  
 Dean  
 FST

  
 Dr. B. B. Ahuja  
 Vice Chancellor  
 JSPM University  
 Pune






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**Course Structure: M. Tech. (Construction Management)**


**Semester – II**  
**Level – 6.5**

Sr. No	Course Type	Course Code	Course Name	Teaching Scheme (Hrs. per week)				Examination and Marking Scheme			Credits
				L	T	P	EL	TH	PR	OR	
01	PCC	230GCMM03_02	Construction Contracts, Administration & Management	2	1	-	-	100	-	-	3
02	PCC	230GCMM04_02	Construction Techniques	2	-	-	2	100	-	-	2.5
03	PCC	230GCMM05_02	Construction Equipment and Machinery	3	-	-	-	100	-	-	3
04	MMC	230GETM16_02	IoT Basics and Applications	1	-	2	-	-	50	50	2
05	SEC	230GSEM20_02	MATLAB for Engineers	2	-	2	-	-	50	50	3
06	VSC (HSMC)	230IINB02_02	Innovation	1	-	-	2	-	-	50	1.5
07	AEC (HSMC)	230UENM02_02	Business Communication	1	-	2	-	50	-	-	2
08	RMC	230IRMM02_02	Research Design and Techniques	2	-	-	-	50	-	-	2
09	LC	230GCMM17_02	Project Management Lab	-	-	2	-	-	50	-	1
10	IITP/FE/CEP	230GCMM18_02	Internship / Field Project / Community Engagement Programme	4 to 6 weeks				-	-	50	2
<b>Total Academic Engagement and Credits</b>				14	1	8	4	400	150	200	22
				23				750			

**Note:** A **Postgraduate Diploma** will be awarded if a student exits after first year.  
 For Exit at the end of first year the student must complete: (Total credits = 8 )  
 a) An internship / OJT of 8 - 10 weeks (4 credits)  
 b) Additional Course 1 (4 credits) (Vocational Skill Course (VSC) / Skill Enhancement Course (SEC))

  
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