



JSPM UNIVERSITY PUNE
Faculty of Science and Technology (FST)
School of Civil Engineering and Environmental Sciences
Course Structure: B. Tech. Second Year
(Construction Management)

Semester – III
Level 5
(For Regular Students)

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	BSC	230GMAB07_03	Ordinary Differential Equations and Multivariate Calculus	2	1	-	-	100	-	-	3
02	PCC	230GCMB01_03	Building Technology and Architectural Planning	3	-	-	2	100	-	-	3.5
03	PCC	230GCMB02_03	Mechanics of Structures	3	-	-	-	100	-	-	3
04	PCC	230GCMB03_03	Fluid Mechanics	2	-	-	-	50	-	-	2
05	MMC	230GMTB01_03	Sensors and Actuators	1	-	2	-	-	50	50	2
06	IOC	230GCSB19_03	Introduction to Programming Languages	2	-	-	-	100	-	-	2
07	VSC	230IINB02_03	Innovation	1	-	-	2	-	-	50	1.5
08	VEC (HSMC)	230USYB02_03	Professional Laws, Ethics, Values and Harmony	2	-	-	-	50	-	-	2
09	LC	230GCMB04_03	Building Construction lab	-	-	2	-	-	50	-	1
10	LC	230GCMB05_03	Mechanics of Structures lab	-	-	2	-	-	50	-	1
11	LC	230GCMB06_03	Fluid Mechanics Lab	-	-	2	-	-	50	-	1
Total Academic Engagement and Credits				16	1	8	4	500	200	100	22
				25				800			

(Signature)
Dr. A. S. Deshpande
 Academic Coordinator
 FST

(Signature)
Dr. R. S. Deshpande
 Dean
 FST



(Signature)
Dr. B. B. Ahuja
 Vice Chancellor
 JSPM University Pune



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Semester – III
Level 5
(For Lateral Entry Students)

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	BSC	230GMAL03_03	Vector Calculus, Differential Equations and Statistics	3	1	-	-	100	-	-	4
02	PCC	230GCMB01_03	Building Technology and Architectural Planning	3	-	-	2	100	-	-	3.5
03	PCC	230GCMB02_03	Mechanics of Structures	3	-	-	-	100	-	-	3
04	PCC	230GCMB03_03	Fluid Mechanics	2	-	-	-	50	-	-	2
05	MMC	230GMTB01_03	Sensors and Actuators	1	-	2	-	-	50	50	2
06	IOC	230GCSB19_03	Introduction to Programming Languages	2	-	-	-	100	-	-	2
07	VSC	230IDCB01_03	Design Thinking and Creativity	1	-	-	2	-	-	50	1.5
08	AEC (HSMC)	230UENB01_03	Effective Communication Skills	1	-	2	-	50	-	-	2
09	LC	230GCMB04_03	Building Construction lab	-	-	2	-	-	50	-	1
10	LC	230GCMB05_03	Mechanics of Structures lab	-	-	2	-	-	50	-	1
11	LC	230GCMB06_03	Fluid Mechanics Lab	-	-	2	-	-	50	-	1
Total Academic Engagement and Credits				16	1	10	4	500	200	100	23
				27				800			

(Signature)
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JSPM UNIVERSITY PUNE
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Semester – IV
Level 5
(For Regular Students)

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	BSC	230GMAB08_04	Vector Calculus and Partial Differential Equations	2	1	-	-	100	-	-	3
02	BSC	230HFSB16_04	Biology for Engineers	2	-	-	-	100	-	-	2
03	PCC	230GCMB07_04	Surveying	2	-	-	-	50	-	-	2
04	PCC	230GCMB08_04	Structural Analysis	2	-	-	-	100	-	-	2
05	PCC	230GCMB09_04	Concrete Technology	2	-	-	-	50	-	-	2
06	MMC	230GCSB20_04	Introduction to Object Oriented Programming	1	-	2	-	-	50	50	2
07	SEC	230GCMB10_04	Computer Aided Building Drawing	2	-	2	-	-	50	50	3
08	AEC (HSMC)	230UENB02_04	Communicative Proficiency Skills	1	-	2	-	50	-	-	2
09	LC	230GCMB11_04	Surveying lab	-	-	2	-	-	50	-	1
10	LC	230GCMB12_04	Concrete Technology Lab	-	-	2	-	-	50	-	1
11	IITP/ FP/ CEP	230GCMB13_04	Internship / Field Project / Community Engagement Programme	4 to 6 weeks				-	-	50	2
Total Academic Engagement and Credits				14	1	10	0	450	200	150	22
				25			800				

Note: A Diploma will be awarded if a student exits after second year.

For Exit at the end of second 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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Semester – IV

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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	BSC	230GMAL02_04	Multivariate Calculus and Differential Equations	3	1	-	-	100	-	-	4
02	BSC	230HFSB16_04	Biology for Engineers	2	-	-	-	100	-	-	2
03	PCC	230GCMB07_04	Surveying	2	-	-	-	50	-	-	2
04	PCC	230GCMB08_04	Structural Analysis	2	-	-	-	100	-	-	2
05	PCC	230GCMB09_04	Concrete Technology	2	-	-	-	50	-	-	2
06	MMC	230GCSB20_04	Introduction to Object Oriented Programming	1	-	2	-	-	50	50	2
07	SEC	230GCMB10_04	Computer Aided Building Drawing	2	-	2	-	-	50	50	3
08	AEC (HSMC)	230UENB02_04	Communicative Proficiency Skills	1	-	2	-	50	-	-	2
09	LC	230GCMB11_04	Surveying lab	-	-	2	-	-	50	-	1
10	LC	230GCMB12_04	Concrete Technology Lab	-	-	2	-	-	50	-	1
11	IITP/ FP/ CEP	230GCMB13_04	Internship / Field Project / Community Engagement Programme	4 to 6 weeks				-	-	50	2
Total Academic Engagement and Credits				14	1	10	0	450	200	150	23
				25				800			

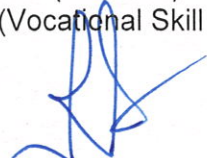
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