

Walchand College of Engineering

(Government Aided Autonomous Institute)

Vishrambag, Sangli-416415



**Credit System for
F. Y. M. Tech. (Construction Management)
Semester-I and II**

2024-25

Credit System for F. Y. M. Tech. (Construction Management) Sem-I AY 2024-25

Sr.No.	Category	Course Code	Course Name	L	T	P	I	Hrs	Cr	MSE /LA1	ISE/ LA2	ESE	Remark
Professional Core (Theory)													
1	PC	1IC501	Research Methodology and IPR	3	0	0	0	3	3	30	20	50	
2	PC	1CM501	Project Planning and Control	3	1	0	0	4	4	30	20	50	
3	PC	1CM502	Building Information Modeling	3	0	0	0	3	3	30	20	50	
4	PC	1CM503	Construction Technology and Equipment	3	0	0	0	3	3	30	20	50	
Professional Core (Lab)													
6	PC	1CM551	Construction Planning Studio	0	0	2	0	2	1	30	30	40	OE
7	PC	1CM552	Modeling and Simulation Laboratory	0	0	2	0	2	1	30	30	40	OE
Professional Elective (Theory)													
8	PE	Refer List	Professional Elective 1	3	0	0	0	3	3	30	20	50	
9	PE	Refer List	Professional Elective 2	3	0	0	0	3	3	30	20	50	
Total				18	1	4	0	23	21				

Dr. A. K. Mali
Department Academic Coordinator

Dr. G. R. Munavalli
Head of Department

Dr. A. K. Kokane
Dean Academics

Professional Elective Course List for F. Y. M. Tech. (Construction Management) Sem-I AY 2024-25

Sr.No.	Course Code	Course Name
Professional Elective 1		
1	1CM511	Building Services and Maintenance Management
2	1CM512	Lean Construction
3	1CM513	Materials and Material Management
Professional Elective 2		
1	1CM514	Site Administration and Control
2	1CM515	Advanced Estimation & Quantity Surveying
3	1CM516	Advanced Concrete Technology

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Credit System for F. Y. M. Tech. (Construction Management) Sem-II AY 2024-25

Sr.No.	Category	Course Code	Course Name	L	T	P	I	Hrs	Cr	MSE/LA1	ISE/LA2	ESE	Remark
Professional Core (Theory)													
1	PC	1CM521	Project Quality and Safety Management	3	0	0	0	3	3	30	20	50	
2	PC	1CM522	Project Procurement and Contracts Management	3	0	0	0	3	3	30	20	50	
3	PC	1CM523	Financial Management in Construction	3	0	0	0	3	3	30	20	50	
Professional Core (Lab)													
3	PC	1CM571	Project Management Studio	0	0	2	0	2	1	30	30	40	OE
4	PC	1CM572	Digital Applications in Project Management	0	0	2	0	2	1	30	30	40	OE
5	PC	1CM545	Seminar	0	0	2	0	2	1	30	30	40	
Professional Elective (Theory)													
6	PE	Refer List	Professional Elective 3	3	0	0	0	3	3	30	20	50	
7	PE	Refer List	Professional Elective 4	3	0	0	0	3	3	30	20	50	
Open Elective													
8	OE	Refer List	Open Elective	3	0	0	0	3	3	30	20	50	
Total				18	0	6	0	24	21				

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Professional Elective Course List for F. Y. M. Tech. (Construction Management) Sem-II AY 2024-25

Sr.No.	Course Code	Course Name
Professional Elective 3- Infrastructure		
1	1CM531	Supply Chain and Procurement Management
2	1CM532	Infrastructure Development and Management
3	1CM533	Sustainability in Construction Projects
Professional Elective 4- Building		
1	1CM534	Strategic Management in Construction
2	1CM535	Life Cycle Assessment
3	1CM536	Human Resource Management

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