

Walchand College of Engineering

(Government Aided Autonomous Institute)

Vishrambag, Sangli - 416 415



**Credit System for
Second Year B.Tech. (Civil Engineering)
Sem-III and IV**

Applicable to AY 2024-25 and onwards



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Credit System for Second Year B. Tech. (Civil Engineering) Sem-III Applicable to AY 2024-25 and onwards

Sr. No.	Category	Course Code	Course Name	L	T	P	Hrs	Cr	MSE/LA1	ISE/LA2	ESE	Ext
Professional Core (Theory)												
01	PCC	7CV201	Fluid Mechanics	3	0	0	3	3	30	20	50	
02	PCC	7CV202	Engineering Surveying	3	0	0	3	3	30	20	50	
03	PCC	7CV203	Building Materials and Construction	3	0	0	3	3	30	20	50	
Professional Core (Lab)												
04	PCC	7CV251	Fluid Mechanics Lab	0	0	2	2	1	30	30	40	POE
05	PCC	7CV252	Engineering Surveying Lab	0	0	2	2	1	30	30	40	POE
Mandatory Courses												
06	BSC	7MA201	Applied Mathematics for Civil Engineering	3	0	0	3	3	30	20	50	
07	EEM	7EE201	Understanding Incubation and Entrepreneurship (NPTEL)	3	0	0	3	3				
08	VEC	7VE201	Value Education	2	0	0	2	2	30	30	40	
09	CEP/FP	7CECV251	Building Materials and Construction Lab	0	0	2	2	1	30	30	40	POE
10	VSEC	7VSCV251	Spread Sheet Applications for Civil Engineering	0	0	2	2	1	30	30	40	
Total				17	0	08	25	21				

Dr. A. K. Mali
Department Academic Coordinator

Dr. G. R. Munavalli
Head, Department of Civil Engineering

Dr. A. K. Kokane
i/c Dean Academics



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Credit System for Second Year B. Tech. (Civil Engineering) Sem-IV Applicable to AY 2024-25 and onwards

Sr. No.	Category	Course Code	Course Name	L	T	P	Hrs	Cr	MSE/LA1	ISE/LA2	ESE	Ext	
Professional Core (Theory)													
01	PCC	7CV221	Open Channel Hydraulics	3	0	0	3	3	30	20	50		
02	PCC	7CV222	Building Planning and Design	3	0	0	3	3	30	20	50		
03	PCC	7CV223	Structural Analysis	3	0	0	3	3	30	20	50		
04	PCC	7CV224	Water Resource Engineering	2	1	0	3	3	30	20	50		
Professional Core (Lab)													
05	PCC	7CV271	Open Channel Hydraulics Lab	0	0	2	2	1	30	30	40	OE	
Mandatory Courses													
06	AEC	7AE201	Employability Skills	2	0	0	2	2	30	20	50		
07	IKS	Refer List	IKS Elective	2	0	0	2	2	30	20	50		
08	VSEC	7VSCV272	Advanced Surveying Lab	1	0	2	3	2	30	30	40	POE	
09	VSEC	7VSCV271	Mini Project 1: Building Planning and CAD	0	0	2	2	1	30	30	40	POE	
Multi-Disciplinary Minor (MDM)													
10	MDM	Refer List	MDM	3	0	0	3	3	30	20	50		
Total				19	1	6	26	23					

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