

Walchand College of Engineering

(Government Aided Autonomous Institute)

Vishrambag, Sangli. 416415



Credit System for

Second Year B.Tech. (Computer Science & Engineering)

Sem III and IV

Applicable to AY 2024-25 and onwards

Walchand College of Engineering

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Credit System for Second Year B.Tech. (Computer Science & Engineering) Sem.-III and 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	PC	7CS201	Computer Organization and Architecture	3	0	0	3	3	30	20	50	
02	PC	7CS202	Discrete Mathematics	3	0	0	3	3	30	20	50	
03	PC	7CS203	Data Structure	3	0	0	3	3	30	20	50	
04	PC	7CS204	Computer Network	3	0	0	3	3	30	20	50	
05	PC	7CS205	Software Engineering	3	0	0	3	3	30	20	50	
Professional Core (Lab)												
06	PC	7CS251	Data Structure Lab	0	0	2	2	1	30	30	40	POE
Mandatory Courses												
07	IKS	Refer List	IKS Elective	2	0	0	2	2	30	20	50	
08	EEM	7EE201	Understanding Incubation and Entrepreneurship (NPTEL)	3	0	0	3	3	30	20	50	
09	CEP/FP	7CECS251	Community Engagement Project / Field Project	0	0	2	2	1	30	30	40	
10	VSEC	7VSCS251	Object Oriented Programming	1	0	2	3	2	30	30	40	POE
			Total	21	0	6	27	24				

Ms. N. L. Mudegol
DAC/Secretary, BoS

Dr. A. R. Surve
Head, CSE Dept./
Chairman, BoS

Dr. A.K. Kokane
Dean Academics

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Professional Core (Theory)												
01	PC	7CS221	Operating System	3	0	0	3	3	30	20	50	
02	PC	7CS222	Database Engineering	3	0	0	3	3	30	20	50	
03	PC	7CS223	Formal Language & Automata	3	0	0	3	3	30	20	50	
Professional Core (Lab)												
04	PC	7CS271	Database Engineering Lab	0	0	2	2	1	30	30	40	POE
05	PC	7CS272	Web Design and Development Lab	0	0	2	2	1	30	30	40	POE
Multi-Disciplinary Minor (MDM)												
06	MDM	Refer List	MDM	3	0	0	3	3	30	20	50	
Mandatory Courses												
07	BSC	7MA207	Probability and Inferential Statistics	3	0	0	3	3	30	20	50	
08	AEC	7AE201	Employability Skills	2	0	0	2	2	30	20	50	
09	VEC	7VE201	Value Education	0	0	4	4	2	30	30	40	
10	VSEC	7VSCS271	Innovation and design thinking	0	0	2	2	1	30	30	40	
			Total	17	0	10	27	22				

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