

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

(Government Aided Autonomous Institute)

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				
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				


Dr. N. L. Gavankar
DAC/Secretary, BoS


Dr. M.A. Shah
Head, Electrical Engg. Dept./
Chairman, BoS



Dr. A.K. Kokane
I/C Dean Academics


Walchand College of Engineering


(Government Aided Autonomous Institute)

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	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	7MA205	Applied Mathematics for Computer Science and Engineering	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	2	0	0	2	2	30	30	40	
10	VSEC	7VSCS271	Innovation and design thinking	0	0	2	2	1	30	30	40	
			Total	19	0	6	25	22				


Dr. N. L. Gavankar
DAC/Secretary, BoS


Dr. M.A. Shah
Head, Electrical Engg. Dept./
Chairman, BoS


Dr. A.K. Kokane
I/C Dean Academics