Walchand College of Engineering

(Government Aided Autonomous Institute)

Vishrambag, Sangli. 416415

1947

Credit System for

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

Sem.-III and IV

Applicable to AY 2024-25 and onwards
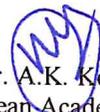
Walchand College of Engineering

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Applicable to AY 2024-25 and onwards

Sr.No.	Category	Course Code	Course Name	L	T	I	P	Hrs	Cr	MSE/LA1	ISE/LA2	ESE	Ext
Professional Core (Theory)													
01	PC	7CS201	Computer Organization and Architecture	3	0	0	0	3	3	30	20	50	
02	PC	7CS202	Discrete Mathematics	3	0	0	0	3	3	30	20	50	
03	PC	7CS203	Data Structure	3	0	0	0	3	3	30	20	50	
04	PC	7CS204	Computer Network	3	0	0	0	3	3	30	20	50	
05	PC	7CS205	Software Engineering	3	0	0	0	3	3	30	20	50	
Professional Core (Lab)													
06	PC	7CS251	Data Structure Lab	0	0	0	2	2	1	30	30	40	POE
Mandatory Courses													
07	IKS	Refer List	IKS	2	0	0	0	2	2	30	20	50	
08	EEM	7EE201	Understanding Incubation and Entrepreneurship (NPTEL)	3	0	0	0	3	3	30	20	50	
09	CEP/FP	7CECS251	Community Engagement Project / Field Project	0	0	0	2	2	1	30	30	40	
10	VSEC	7VSCS251	Object Oriented Programming	1	0	0	2	3	2	30	30	40	POE
			Total	21	0	0	6	27	24				

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

Dr. A. R. Surve
Head, Computer Science and Engg. Dept./
Chairman, BoS

Dr. A.K. Kokane
Dean Academics

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Sr.No.	Category	Course Code	Course Name	L	T	I	P	Hrs	Cr	MSE/LA1	ISE/LA2	ESE	Ext
Professional Core (Theory)														
01	PC	7CS221	Operating System	3	0	0	0	3	3	30	20	50	
02	PC	7CS222	Database Engineering	3	0	0	0	3	3	30	20	50	
03	PC	7CS223	Formal Language & Automata	3	0	0	0	3	3	30	20	50	
Professional Core (Lab)														
04	PC	7CS271	Database Engineering Lab	0	0	0	2	2	1	30	30	40	POE
05	PC	7CS272	Web Design and Development Lab	0	0	0	2	2	1	30	30	40	POE
Multi-Disciplinary Minor (MDM)														
06	MDM	Refer List	MDM1						3*	30	20	50	
Mandatory Courses														
07	BSC	7MA207	Probability and Inferential Statistics	3	0	0	0	3	3	30	20	50	
08	AEC	7AE201	Employability Skills	2	0	0	0	2	2	30	20	50	
09	VEC	7VE201	Value Education	2	0	0	0	2	2	30	30	40	
10	VSEC	7VSCS271	Innovation and design thinking	0	0	0	2	2	1	30	30	40	
			Total	**	**	**	**	**	22				

* - The L/T/I/P structure depends upon the course opted by students

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