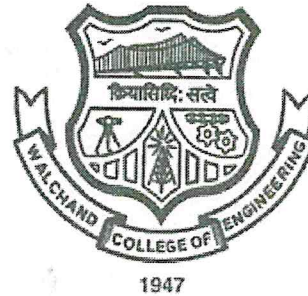


# Walchand College of Engineering

(Government Aided Autonomous Institute)

Vishrambag, Sangli. 416415



Credit System for

**Final Year B.Tech. (Computer Science & Engineering)**

**Sem.-VII and VIII**


**Applicable to AY 2024-25 and AY 2025 -26**


# Walchand College of Engineering

(Government Aided Autonomous Institute)

## Credit System for Final Year B.Tech. (Computer Science & Engineering) Sem.-VII and VIII Applicable to AY 2024-25 and AY 2025 -26

Sr.No.	Category	Course Code	Course Name	L	T	P	Hrs	Cr	MSE/LA1	ISE/LA2	ESE	Ext
<b>Professional Core (Theory)</b>												
01	PC	6CS401	Cryptography and Network Security	3	0	0	3	3	30	20	50	
02	PC	6CS402	High Performance Computing	3	0	0	3	3	30	20	50	
03	PC	6CS403	Data Management, Protection and Governance	3	0	0	3	3	30	20	50	
04	PC	6CS404	Research Methodology	2	0	0	2	2	30	20	50	
<b>Professional Core (Lab)</b>												
05	PC	6CS451	Cryptography and Network Security Laboratory	0	0	2	2	1	30	30	40	
06	PC	6CS452	High Performance Computing Laboratory	0	0	2	2	1	30	30	40	
07	PR	6CS491	Project Work I	0	0	6	6	3	30	30	40	POE
08	PC	6CS453	Techno-Socio Activity	0	1	0	1	1	30	30	40	
<b>Professional Elective (Theory)</b>												
09	PE	Refer List	Professional Elective IV	3	0	0	3	3	30	20	50	
<b>Open Elective</b>												
10	OE	Refer List	Open Elective III	3	0	0	3	3	30	20	50	
<b>Humanities</b>												
11	HS	6HS401	Accounting and Finance for Engineers	2	0	0	2	2	30	20	50	
<b>Total</b>				<b>19</b>	<b>1</b>	<b>8</b>	<b>30</b>	<b>25</b>				

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

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

  
Dr. A.K. Kokane  
Dean Academics

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## Credit System for Final Year B.Tech. (Computer Science & Engineering) Sem.-VII and VIII Applicable to AY 2024-25 and AY 2025 -26

### Elective Course List for Final Year B.Tech. (Computer Science & Engineering) Sem-VII

Sr.No.	Track	Course Code	Course Name
<b>Professional Elective-IV</b>			
01	Computing	6CS411	Human Computer Interaction
02	Computing	6CS412	Data Mining
03	Computer and Network Security	6CS413	Software-Defined Network



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## Credit System for Final Year B.Tech. (Computer Science & Engineering) Sem.-VII and VIII Applicable to AY 2024-25 and AY 2025 -26

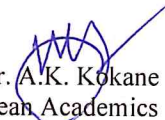
Sr.No.	Category	Course Code	Course Name	L	T	P	Hrs	Cr	MSE/LA1	ISE/LA2	ESE	Ext
<b>Professional Elective (Theory)</b>												
01	PE	Refer List	Professional Elective V	3	0	0	3	3	30	20	50	
02	PE	Refer List	Professional Elective VI	3	0	0	3	3	30	20	50	
<b>Professional Core (Lab)</b>												
03	PR	6CS492	Project Work II	0	0	12	12	6	30	30	40	POE
<b>AICTE Mandatory Course</b>												
04	MC	6IC401	Constitution of India	2	0	0	2	0	30	20	50	
<b>Total</b>				<b>08</b>	<b>0</b>	<b>12</b>	<b>20</b>	<b>12</b>				

### Elective Course List for Final Year B.Tech. (Computer Science & Engineering) Sem-VIII

Sr.No.	Track	Course Code	Course Name
<b>Professional Elective V</b>			
01	Computer and Network Security	6CS431	Computer Forensics/ NPTEL Course
02	Image Processing	6CS432	Computer Vision/ NPTEL Course
03	Computing	<b>6CS433</b>	Search Engine Design and Optimization/ NPTEL Course
<b>Professional Elective VI</b>			
01	Computing	6CS434	Systems Testing and Quality Assurance Techniques/ NPTEL Course
02	Image Processing	6CS435	Augmented Reality Virtual Reality (ARVR) / NPTEL Course

  
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