Walchand College of Engineering

(Government Aided Autonomous Institute)

Vishrambag, Sangli. 416415

Credit System for

S.Y. B.Tech. (Computer Science and Engineering)

Sem-III and IV

2022-23

Walchand College of Engineering

(Government Aided Autonomous Institute)

Credit System for S.Y. B.Tech. (Computer Science and Engineering) Sem-III AY 2022-23

Sr.No.	Category	Course Code	Course Name	L	T	P	I	Hrs	Cr	MSE/LA1	ISE/LA2	ESE	Ext
Professional Core (Theory)														
1	BS	6MA202	Probability and Statistics	2	0	0	0	2	2	30	20	50	
2	ES	6CS201	Discrete Mathematics	3	1	0	0	4	4	30	20	50	
3	PC	6CS202	Data Structures	3	0	0	0	3	3	30	20	50	
4	PC	6CS203	Data Communication	3	0	0	0	3	3	30	20	50	
5	PC	6CS204	Computer Organization and Architecture	3	0	0	0	3	3	30	20	50	
6	PC	6CS205	Software Engineering	3	1	0	0	4	4	30	20	50	
Professional Core (Lab)														
7	PC	6CS251	Programming Lab 1	0	0	2	1	3	2	30	30	40	POE
8	PC	6CS252	Data Structures Lab	0	0	2	0	2	1	30	30	40	POE
9	PC	6CS254	Computer Organization and Architecture Lab	0	0	2	0	2	1	30	30	40	POE
			Total	**17**	**2**	**6**	**1**	**26**	**23**				

Notes:

For Theory courses: There shall be MSE, ISE and ESE. The ESE is a separate head of passing.

For Lab courses: There shall be continuous assessment (LA1, LA2, ESE). The ESE is a separate head of passing. The Y in the PoE indicates external component for ESE.

Minimum two AICTE mandatory courses need to be completed for award of degree.

For further details, refer to Academic and Examination rules and regulations.

Walchand College of Engineering

(Government Aided Autonomous Institute)

Credit System for S.Y. B.Tech. (Computer Science and Engineering) Sem-IV AY 2022-23

Sr.No.	Category	Course Code	Course Name	L	T	P	I	Hrs	Cr	MSE/LA1	ISE/LA2	ESE	Ext
Professional Core (Theory)												
1	BS	6CS225	Applied Mathematics for Computer Science and Engineering	3	0	0	0	3	3	30	20	50	
2	ES	6CS221	Formal Language and Automata Theory	3	1	0	0	4	4	30	20	50	
3	PC	6CS222	Operating Systems	3	0	0	0	3	3	30	20	50	
4	PC	6CS223	Database Engineering	3	0	0	0	3	3	30	20	50	
5	PC	6CS224	Computer Network	3	0	0	0	3	3	30	20	50	
Professional Core (Lab)												
6	PC	6CS274	Database Engineering Lab	0	0	2	0	2	1	30	30	40	POE
7	PC	6CS275	Computer Network Lab	0	0	2	0	2	1	30	30	40	POE
8	PC	6CS271	Programming Lab 2	0	0	2	1	3	2	30	30	40	POE
9	HS	6CS277	Presentation and Report Writing	0	0	0	1	1	1	15	15	20	
AICTE Mandatory Courses												
10	MC	6IC201	Environmental Science	2	0	0	0	2	0	30	20	50	
			Total	**17**	**1**	**6**	**2**	**26**	**21**				

Notes:

For Theory courses: There shall be MSE, ISE and ESE. The ESE is a separate head of passing.

For Lab courses: There shall be continuous assessment (LA1, LA2, ESE). The ESE is a separate head of passing. The Y in the PoE indicates external component for ESE.

Minimum two AICTE mandatory courses need to be completed for award of degree.

For further details, refer to Academic and Examination rules and regulations.