Walchand College of Engineering, Sangli

(Government Aided Autonomous Institute)

Credit System for

S.Y. B.Tech. (Computer Science and Engineering)
Sem-III and IV

AY 2020-21

Walchand College of Engineering, Sangli
(Government Aided Autonomous Institute)

Credit System for S.Y. B.Tech. (Computer Science and Engineering) Sem-III AY 2020-21

Sr.No.	Category	Course Code	Course Name	L	T	P	Hrs	Credits	ISE-1	MSE*	ISE-2	ESE
			Professional Core (Theory)									
1	BS	5MA201	Probability and Statistics	2	0	0	2	2	10	30	10	50
2	PC	5CS202	Discrete Mathematics	3	0	0	3	3	10	30	10	50
3	PC	5CS203	Data Structures	3	0	0	3	3	10	30	10	50
4	PC	5CS204	Data Communication	3	0	0	3	3	10	30	10	50
5	PC	5CS205	Computer Organization and Architecture	3	0	0	3	3	10	30	10	50
6	PC	5CS206	Software Engineering	3	0	0	3	3	10	30	10	50
			Professional Core (Lab)									
7	PC	5CS251	Programming Lab 1	0	0	2	2	1	25	25	25	25
8	PC	5CS253	Data Structures Lab	0	0	2	2	1	25	25	25	25
9	PC	5CS255	Computer Organization and Architecture Lab	0	0	2	2	1	25	25	25	25
			Value Added Professional Courses #									
			--									
			Value Added Life-Skill Courses #									
			--									
			Total	17	0	6	23	20				

Notes:

* For Lab courses, there will be only internal continuous assessment. ESE is a separate head of passing for both theory and lab courses.

The Value Added Courses are Optional Courses. The mode of teaching (LTPI) is decided by the resource person.

   The list of Value added courses will be updated from time to time. The courses may be on paid basis.

   The credits earned from these courses will be shown on grade card. For SPI and CPI calculation, these courses will be excluded.

   These courses will be offered as per availability of faculty

@ Minimum 2 mandatory life skill courses are to be completed for award of degree.

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

Walchand College of Engineering, Sangli

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Credit System for S.Y. B.Tech. (Computer Science and Engineering) Sem-IV   AY 2020-21

Sr.No.	Category	Course Code	Course Name	L	T	P	Hrs	Credits	ISE-1	MSE*	ISE-2	ESE
			Professional Core (Theory)									
1	BS	5CS221	Applied Mathematics for Computer Science and Engineering	3	0	0	3	3	10	30	10	50
2	PC	5CS222	Formal Language and Automata Theory	3	1	0	4	4	10	30	10	50
3	PC	5CS223	Operating Systems	3	0	0	3	3	10	30	10	50
4	PC	5CS224	Database Engineering	3	0	0	3	3	10	30	10	50
5	PC	5CS225	Computer Network	3	0	0	3	3	10	30	10	50
			Professional Core (Lab)									
6	PC	5CS274	Database Engineering Lab	0	0	2	2	1	25	25	25	25
7	PC	5CS275	Computer Network Lab	0	0	2	2	1	25	25	25	25
8	PC	5CS276	Programming Lab 2	0	0	2	2	1	25	25	25	25
9	HS	5CS277	Presentation and Report Writing	0	1	0	1	1	25	25	25	25
			Mandatory Life Skill Courses @									
10	HS	Refer list	Mandatory Life Skill Course	2	0	0	2	0	10	30	10	50
			Value Added Professional Courses #									
			--									
			Value Added Life-Skill Courses #									
			--									
			Total	17	2	6	25	20				

Walchand College of Engineering, Sangli

(Government Aided Autonomous Institute)

Course List for S.Y. B.Tech. (Computer Science and Engineering) Sem-IV   AY 2020-21

Sr.No.	Course Code	Course Name
		Mandatory Life Skill Course
1	5IC201	Environmental Sciences

Notes:

* For Lab courses, there will be only internal continuous assessment. ESE is a separate head of passing for both theory and lab courses.

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