

Walchand College of Engineering, Sangli

(Government Aided Autonomous Institute)



Credit System for

S.Y. B.Tech. (Information Technology)

Sem-III and IV

AY 2020-21



Walchand College of Engineering, Sangli

(Government Aided Autonomous Institute)

Credit System for S.Y. B.Tech. (Information Technology) 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	5IT201	Discrete Mathematics	3	1	0	4	4	10	30	10	50	
3	PC	5IT202	Data Structures	3	0	0	3	3	10	30	10	50	
4	PC	5IT203	Microprocessors	3	0	0	3	3	10	30	10	50	
5	PC	5IT204	Data Communication	2	1	0	3	3	10	30	10	50	
6	PC	5IT205	C/CPP Programming	2	0	0	2	2	10	30	10	50	
Professional Core (Lab)													
7	PC	5IT252	Data Structures Lab	0	0	2	2	1	25	25	25	25	
8	PC	5IT253	Microprocessors Lab	0	0	2	2	1	25	25	25	25	
9	PC	5IT255	C/CPP Programming Lab	0	0	2	2	1	25	25	25	25	
Value Added Professional Courses #													
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Value Added Life-Skill Courses #													
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Total				15	2	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.



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Credit System for S.Y. B.Tech. (Information Technology) 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	5IT221	Theory of Computation	3	1	0	4	4	10	30	10	50	
2	PC	5IT222	Computer Architectures	2	1	0	3	3	10	30	10	50	
3	PC	5IT223	Computer Networks	3	0	0	3	3	10	30	10	50	
4	PC	5IT224	Software Engineering	3	0	0	3	3	10	30	10	50	
5	PC	5IT225	Java Programming	2	0	0	2	2	10	30	10	50	
Professional Core (Lab)													
6	PC	5IT272	Computer Network Lab	0	0	2	2	1	25	25	25	25	
7	PC	5IT274	Software Engineering Lab	0	0	2	2	1	25	25	25	25	
8	PC	5IT275	Java Programming Lab	0	0	2	2	1	25	25	25	25	
9	PC	5IT276	Mini Project 1	0	0	2	2	1	25	25	25	25	
10	HS	5IT277	Presentation and Report Writing	1	0	0	1	1	25	25	25	25	
Mandatory Life Skill Courses @													
11	HS	Refer list	Mandatory Life Skill Course	2	0	0	2	0	10	30	10	50	
Value Added Professional Courses #													
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Value Added Life-Skill Courses #													
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Total				16	2	8	26	20					



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Course List for S.Y. B.Tech. (Information Technology) Sem-IV AY 2020-21

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

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