Walchand College of Engineering

(Government Aided Autonomous Institute)

Vishrambag, Sangli. 416415

*** Platinum Jubilee Year ***

Credit System for
S.Y. B.Tech. (Information Technology)
Sem-III and IV

2021-22

Walchand College of Engineering, Sangli

(Government Aided Autonomous Institute)

Credit System for S.Y. B.Tech. (Information Technology) Sem-III AY 2021-22

Sr.No.	Category	Course Code	Course Name	L	T	P	I	Hrs	Cr	T1/LA1	T2/LA2	ESE
Professional Core (Theory)												
1	BS	5MA201	Probability and Statistics	2	0	0	0	2	2	20	20	60
2	ES	5IT201	Discrete Mathematics	3	0	0	0	3	3	20	20	60
3	PC	5IT202	Data Structures	3	0	0	0	3	3	20	20	60
4	PC	5IT203	Microprocessors	3	0	0	0	3	3	20	20	60
5	ES	5IT204	Data Communication	3	0	0	0	3	3	20	20	60
Professional Core (Lab)												
6	PC	5IT252	Data Structures Lab	0	0	2	0	2	1	30	30	40
7	PC	5IT253	Microprocessors Lab	0	0	2	0	2	1	30	30	40
8	PC	5IT255	C and CPP Programming Lab	0	0	2	1	3	2	30	30	40
9	PC	5IT256	Python Programming Lab	0	0	2	1	3	2	30	30	40
Value Added Professional Courses #												
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Value Added Life-Skill Courses #												
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			Total	14	0	8	2	24	20			

Notes:

For Lab courses: There shall be only internal continuous assessment (LA1, LA2, ESE). LA1 and LA2 together shall be Lab ISE. The ESE is a separate head of passing.

For Theory courses: There shall be two tests (T1 and T2) and one ESE. The ESE is a separate head of passing.

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

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

   The list of Value added courses will be updated from time to time. The courses may be on paid basis. These courses will be offered as per availability of faculty.

@ 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, Sangli

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Credit System for S.Y. B.Tech. (Information Technology) Sem-IV AY 2021-22

Sr.No.	Category	Course Code	Course Name	L	T	P	I	Hrs	Cr	T1/LA1	T2/LA2	ESE
Professional Core (Theory)
1	ES	5IT221	Theory of Computation	3	0	0	0	3	3	20	20	60
2	PC	5IT222	Computer Architectures	3	0	0	0	3	3	20	20	60
3	PC	5IT223	Computer Networks	3	0	0	0	3	3	20	20	60
4	PC	5IT224	Software Engineering	3	0	0	0	3	3	20	20	60
Professional Core (Lab)
5	PC	5IT272	Computer Network Lab	0	0	2	0	2	1	30	30	40
6	PC	5IT274	Software Engineering Lab	0	0	2	0	2	1	30	30	40
7	PC	5IT275	Java Programming Lab	0	0	2	1	3	2	30	30	40
8	PC	5IT278	Android Programming Lab	0	0	2	1	3	2	30	30	40
9	PR	5IT276	Mini Project 1	0	0	2	0	2	1	30	30	40
10	HS	5IT277	Presentation and Report Writing	0	0	0	1	1	1	30	30	40
AICTE Mandatory Courses @
11	MC	5IC201	Environment Science	2	0	0	0	2	0	20	20	60
Value Added Professional Courses #
--
Value Added Life-Skill Courses #
--
			Total	**14**	**0**	**10**	**3**	**27**	**20**			

Notes:

For Lab courses: There shall be only internal continuous assessment (LA1, LA2, ESE). LA1 and LA2 together shall be Lab ISE. The ESE is a separate head of passing.

For Theory courses: There shall be two tests (T1 and T2) and one ESE. The ESE is a separate head of passing.

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

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

   The list of Value added courses will be updated from time to time. The courses may be on paid basis. These courses will be offered as per availability of faculty.

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

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