Walchand College of Engineering

(Government Aided Autonomous Institute)

Vishrambag, Sangli. 416415

Credit System for

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

Sem-III and IV

2023-24

Walchand College of Engineering
(Government Aided Autonomous Institute)

Credit System for S.Y. B.Tech. (Information Technology) Sem-III AY 2023-24

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	6IT201	Discrete Mathematics	3	0	0	0	3	3	30	20	50	
3	PC	6IT202	Data Structures	3	0	0	0	3	3	30	20	50	
4	PC	6IT203	Microprocessors	3	0	0	0	3	3	30	20	50	
5	ES	6IT204	Data Communication	3	0	0	0	3	3	30	20	50	
Professional Core (Lab)														
6	PC	6IT252	Data Structures Lab	0	0	2	0	2	1	30	30	40	POE
7	PC	6IT253	Microprocessors Lab	0	0	2	0	2	1	30	30	40	POE
8	PC	6IT254	C and CPP Programming Lab	0	0	2	1	3	2	30	30	40	POE
9	PC	6IT255	Python Programming Lab	0	0	2	1	3	2	30	30	40	
10	HS	6IT256	Presentation and Report Writing	0	0	0	1	1	1	15	15	20	
			Total	**14**	**0**	**8**	**3**	**25**	**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.

HoD   Dean Academics

Walchand College of Engineering

(Government Aided Autonomous Institute)

Credit System for S.Y. B.Tech. (Information Technology) Sem-IV AY 2023-24

Sr.No.	Category	Course Code	Course Name	L	T	P	I	Hrs	Cr	MSE/LA1	ISE/LA2	ESE	Ext
Professional Core (Theory)
1	ES	6IT221	Theory of Computation	3	0	0	0	3	3	30	20	50	
2	PC	6IT222	Computer Architectures	3	0	0	0	3	3	30	20	50	
3	PC	6IT223	Computer Networks	3	0	0	0	3	3	30	20	50	
4	PC	6IT224	Software Engineering	3	0	0	0	3	3	30	20	50	
Professional Core (Lab)
5	PC	6IT272	Computer Network Lab	0	0	2	0	2	1	30	30	40	POE
6	PC	6IT274	Software Engineering Lab	0	0	2	0	2	1	30	30	40	
7	PC	6IT275	Java Programming Lab	0	0	2	1	3	2	30	30	40	POE
8	PC	6IT278	Android Programming Lab	0	0	2	1	3	2	30	30	40	POE
9	PR	6IT276	Mini Project 1	0	0	2	0	2	1	30	30	40	
10	HS	6IT277	Intellectual Property Rights	0	0	0	1	1	1	15	15	20	
AICTE Mandatory Courses
11	MC	5IC201	Environmental Science	2	0	0	0	2	0	30	20	50	
			Total	**14**	**0**	**10**	**3**	**27**	**20**				

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.

HoD   Dean Academics