

Walchand College of Engineering

(Government Aided Autonomous Institute)

Vishrambag, Sangli. 416415



***** Platinum Jubilee Year *****

**Credit System for
F.Y. B.Tech. (All Programmes)
Sem-I and II**

2021-22



Walchand College of Engineering, Sangli

(Government Aided Autonomous Institute)

Credit System for F.Y. B.Tech. (All Programmes) for Group A in Sem-I and Group B in Sem-II 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	5PH101	Engineering Physics	3	0	0	0	3	3	20	20	60
2	BS	5MA101	Engineering Mathematics-I	3	1	0	0	4	4	20	20	60
3	ES	5CV101	Engineering Mechanics	3	0	0	0	3	3	20	20	60
4	HS	5HS101	Communication Skills	2	1	0	0	3	3	20	20	60
5	ES	5CS101	Programming for Problem Solving	2	0	0	0	2	2	20	20	60
Professional Core (Lab)												
6	ES	5CV151	Engineering Mechanics Lab	0	0	2	0	2	1	30	30	40
7	ES	5ME152	Workshop Practice	0	0	2	0	2	1	30	30	40
8	ES	5CS151	Programming for Problem Solving Lab	0	0	2	0	2	1	30	30	40
9	BS	5PH151	Engineering Physics Lab	0	0	2	0	2	1	30	30	40
Value Added Professional Courses #												
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Value Added Life-Skill Courses #												
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Total				13	2	8	0	23	19			

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.

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



Walchand College of Engineering, Sangli

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Credit System for F.Y. B.Tech. (All Programmes) for Group B in Sem-I and Group A in Sem-II 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	5CH101	Engineering Chemistry	3	0	0	0	3	3	20	20	60
2	BS	5MA102	Engineering Mathematics-II	3	1	0	0	4	4	20	20	60
3	ES	5ME101	Engineering Graphics and CAD	2	0	0	0	2	2	20	20	60
4	BS	5EL101	Basic Electrical Engineering	3	0	0	0	3	3	20	20	60
5	ES	5EN101	Arduino Based Systems	2	0	0	0	2	2	20	20	60
6	BS	5BS104	Life Science	2	0	0	0	2	2	20	20	60
Professional Core (Lab)												
7	ES	5ME151	Engineering Graphics and CAD Lab	0	0	2	0	2	1	30	30	40
8	ES	5EL151	Basic Electrical Engineering Lab	0	0	2	0	2	1	30	30	40
9	BS	5CH151	Engineering Chemistry Lab	0	0	2	0	2	1	30	30	40
10	ES	5EN151	Arduino Based Systems Lab	0	0	2	0	2	1	30	30	40
Value Added Professional Courses #												
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Value Added Life-Skill Courses #												
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Total				15	1	8	0	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.

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