Walchand College of Engineering, Sangli

(Government Aided Autonomous Institute)

Credit System for

S.Y. B.Tech. (Electronics Engineering)

Sem-III and IV

AY 2020-21

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

Credit System for S.Y. B.Tech. (Electronics 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	5EN201	Electronic Circuit Analysis and Design-I	3	0	0	3	3	10	30	10	50
3	PC	5EN202	Circuit Theory	3	0	0	3	3	10	30	10	50
4	PC	5EN203	Digital Electronics	3	0	0	3	3	10	30	10	50
5	PC	5EN204	Data Structures and Algorithms	3	0	0	3	3	10	30	10	50
6	PC	5EN205	Sensors and Actuators (NPTEL Course)	2	0	0	2	2	10	30	10	50
			Professional Core (Lab)									
7	PC	5EN251	Electronic Circuit Analysis and Design-I Lab	0	0	2	2	1	25	25	25	25
8	PC	5EN252	Simulation Tools	1	0	0	0	1	25	25	25	25
9	PC	5EN253	Digital Electronics Lab	0	0	2	2	1	25	25	25	25
10	PC	5EN254	Data Structures and Algorithm Lab	0	0	2	2	1	25	25	25	25
			Value Added Professional Courses #									
			--									
			Value Added Life-Skill Courses #									
			--									
			Total	17	0	6	22	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. (Electronics 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	PC	5EN221	Electronic Circuit Analysis and Design-II	3	0	0	3	3	10	30	10	50
2	PC	5EN222	Signals and Systems	3	1	0	4	4	10	30	10	50
3	PC	5EN223	Communication Engineering	3	0	0	3	3	10	30	10	50
4	PC	5EN224	Microcontroller Peripherals and Interfacing	3	0	0	3	3	10	30	10	50
5	PC	5EN225	Control Systems	3	0	0	3	3	10	30	10	50
			Professional Core (Lab)									
6	PC	5EN271	Electronic Circuit Analysis and Design-II Lab	0	0	2	2	1	25	25	25	25
7	PC	5EN273	Communication Engineering and Control Systems Lab	0	0	2	2	1	25	25	25	25
8	PC	5EN274	Microcontroller Peripherals and Interfacing Lab	0	0	2	2	1	25	25	25	25
9	HS	5EN276	Presentation and Report Writing	1	0	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	18	1	6	25	20				

Walchand College of Engineering, Sangli

(Government Aided Autonomous Institute)

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

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

Notes:

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