Walchand College of Engineering

(Government Aided Autonomous Institute)

Vishrambag, Sangli-416415

Credit System for

S. Y. M. Tech. (Electronics and Communication Engineering)

Semester III and IV

Effective from AY 2025-26 onwards

Credit System for S. Y. M. Tech. (Electronics and Communication Engineering) Sem.-III Effective from AY 2025-26 onwards

Sr. No.	Category	Course Code	Course Name	L	T	P	Hrs.	Cr	MSE/LA1	ISE/LA2	ESE	Remark
			Professional Core									
1	PR	1EC691	Dissertation Phase-I	0	0	24	24	12	30	30	40	POE
2	PE	Refer List	NPTEL/Swayam Course 1	3	0	0	3	3	0	25	75	
3	PE	Refer List	NPTEL/Swayam Course 2	3	0	0	3	3	0	25	75	
			Total	6	0	24	30	18				

Credit System for S. Y. M. Tech. (Electronics and Communication Engineering) Sem-IV Effective from AY 2025-26 onwards

Sr.No.	Category	Course Code	Course Name	L	T	P	Hrs.	Cr	MSE/LA1	ISE/LA2	ESE	Remark
			Professional Core (Lab)									
1	PR	1EC692	Dissertation Phase-II	0	0	34	34	17	30	30	40	POE
2	PC	1EC645	Internship	0	0	4	4	2	0	0	100	
3	PC	1EC646	Techno-Socio Activity	0	0	2	2	1	0	0	100	
			Total	0	0	40	40	20				

List of NPTEL courses (two courses to be taken from the list)

Code	Name	Link
1EC611	Fiber Optic Communication Technology	
1EC612	RFIC Design	
1EC613	Modern Digital Communication Techniques	
1EC614	Real-Time Digital Signal Processing	
1EC615	5G Wireless Standard Design	https://onlinecourses.nptel.ac.in
1EC616	Electronic Systems for Cancer Diagnosis	
1EC617	Applied Linear Algebra for Signal Processing, Data Analytics and Machine Learning	
1EC618	Deep Learning for Computer Vision	
1EC619	Nanobiophotonics: Touching Our Daily Life	

(SKP)

Department Academic Coordinator   Head of Department   Dean Academics