

Walchand College of Engineering

(Government Aided Autonomous Institute)

Vishrambag, Sangli-416415



**Credit System for
S. Y. M. Tech. (Electronics Engineering) Semester-III and IV**

Effective from AY 2024-25



Walchand College of Engineering, Sanjay Prasad Walchand

(Government Aided Autonomous Institute)

Credit System for S. Y. M. Tech. (Electronics Engineering) Sem.-III Effective from AY 2024-25

Sr. No.	Category	Course Code	Course Name	L	T	P	Hrs.	Cr	MSE/LA1	ISE/LA2	ESE	Remark
Professional Core												
1	PR	7EN691	Dissertation Phase-I	0	0	24	24	12	30	30	40	POE
4	PE	Refer List	NPTEL/Swayam (12 Week Postgraduate Level Core Course)	3	0	0	3	3	0	25	75	
5	PE	Refer List	NPTEL/Swayam (12 Week Postgraduate Level Core Course)	3	0	0	3	3	0	25	75	
Total				6	0	24	30	18				

Credit System for S. Y. M. Tech. (Electronics Engineering) Sem-IV Effective from AY 2024-25

Sr.No.	Category	Course Code	Course Name	L	T	P	Hrs.	Cr	MSE/LA1	ISE/LA2	ESE	Remark
Professional Core (Lab)												
1	PR	7EN692	Dissertation Phase-II	0	0	34	34	17	30	30	40	POE
2	PC	7EN645	Internship	0	2	0	2	2	0	0	100	
3	PC	7EN646	Techno-Socio Activity	0	1	0	1	1	0	0	100	
Total				0	3	34	37	20				

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

Name	Code	Link
Fiber Optic Communication Technology	7EN611	https://onlinecourses.nptel.ac.in/noc24_ee131/preview
VLSI Design Flow: RTL to GDS	7EN612	https://onlinecourses.nptel.ac.in/noc24_ee102/preview
Modern Digital Communication Techniques	7EN613	https://onlinecourses.nptel.ac.in/noc24_ee119/preview
Real-Time Digital Signal Processing	7EN614	https://onlinecourses.nptel.ac.in/noc24_ee136/preview
Microelectronics: Devices to Circuits	7EN615	https://onlinecourses.nptel.ac.in/noc24_ee139/preview
Power Electronics with Wide Band Gap Devices	7EN616	https://onlinecourses.nptel.ac.in/noc24_ee126/preview
Applied Linear Algebra for Signal Processing, Data Analytics and Machine Learning	7EN617	https://onlinecourses.nptel.ac.in/noc24_ee138/preview
Deep Learning for Computer Vision	7EN618	https://onlinecourses.nptel.ac.in/noc24_cs89/preview


DAC


HoD


I/c Dean Academics