

# **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**



# Walchand College of Engineering, Sangli

(Government Aided Autonomous Institute)

## 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
<b>Professional Core</b>												
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	
<b>Total</b>				<b>6</b>	<b>0</b>	<b>24</b>	<b>30</b>	<b>18</b>				

## 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
<b>Professional Core (Lab)</b>												
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	
<b>Total</b>				<b>0</b>	<b>0</b>	<b>40</b>	<b>40</b>	<b>20</b>				

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

Code	Name	Link
1EC611	Fiber Optic Communication Technology	<a href="https://onlinecourses.nptel.ac.in">https://onlinecourses.nptel.ac.in</a>
1EC612	RFIC Design	
1EC613	Modern Digital Communication Techniques	
1EC614	Real-Time Digital Signal Processing	
1EC615	5G Wireless Standard Design	
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	

Department Academic Coordinator

Head of Department

Dean Academics