

# **Walchand College of Engineering**

*(Government Aided Autonomous Institute)*

Vishrambag, Sangli-416415



## **Credit System for S. Y. M. Tech. (Control and Instrumentation) 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. (Control and Instrumentation) 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	1CI691	Dissertation Phase-I	0	0	24	24	12	30	30	40	POE
2	PE	Refer List	Online/NPTEL/Swayam Course 1	3	0	0	3	3	0	25	75	
3	PE	Refer List	Online/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. (Control and Instrumentation) Sem-IV 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	1CI692	Dissertation Phase-II	0	0	34	34	17	30	30	40	POE
2	PC	1CI645	Internship	0	0	4	4	2	0	0	100	
3	PC	1CI646	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>				

## NPTEL/SWAYAM Course List

Sr.No.	Code	Course Name	Link
1	1CI611	Solar Energy Engineering and Technology	<a href="https://onlinecourses.nptel.ac.in">https://onlinecourses.nptel.ac.in</a>
2	1CI612	Sustainable Power Generation Systems	
3	1CI613	Fundamentals of Artificial intelligence	
4	1CI614	Nonlinear Dynamical Systems and Control	
5	1CI615	Introduction to Machine Learning	
6	1CI616	Optimization Theory and Algorithms	
7	1CI616	Design of Photovoltaic Systems	

Department Academic Coordinator

Head of Department

Dean Academics