

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
Professional Core												
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	
Total				6	0	24	30	18				

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
Professional Core (Lab)												
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	
Total				0	0	40	40	20				

NPTEL/SWAYAM Course List

Sr.No.	Code	Course Name	Link
1	1CI611	Solar Energy Engineering and Technology	https://onlinecourses.nptel.ac.in
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

