

Walchand College of Engineering

(Government Aided Autonomous Institute)

Vishrambag, Sangli-416415



1947

**Credit System for
S. Y. M. Tech. (Control Systems Engineering) Sem-III and IV**

Effective from AY 2024-25



Walchand College of Engineering, Sangli

(Government Aided Autonomous Institute)

Credit System for S. Y. M. Tech. (Control Systems 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	7CS691	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 Systems Engineering) Sem-IV 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	7CS692	Dissertation Phase-II	0	0	34	34	17	30	30	40	POE
2	PC	7CS645	Internship	0	0	4	4	2	0	0	100	
3	PC	7CS646	Techno-Socio Activity	0	0	2	1	1	0	0	100	
Total				0	0	40	39	20				

NPTEL/SWAYAM Course List

Sr.No.	Code	Course Name	Link
1	7CS611	Solar Energy Engineering and Technology	https://onlinecourses.nptel.ac.in/noc24_ge51/preview
2	7CS612	Sustainable Power Generation Systems	https://onlinecourses.nptel.ac.in/noc24_ge54/preview
3	7CS613	Fundamentals of Artificial intelligence	https://onlinecourses.nptel.ac.in/noc24_ge47/preview
4	7CS614	Nonlinear Dynamical Systems and Control	https://onlinecourses.nptel.ac.in/noc24_ee128/preview
5	7CS615	Introduction to Machine Learning	https://onlinecourses.nptel.ac.in/noc24_cs101/preview
6	7CS616	Optimization Theory and Algorithms	https://onlinecourses.nptel.ac.in/noc24_ee122/preview
7	7CS617	Design of Photovoltaic Systems	https://onlinecourses.nptel.ac.in/noc24_ee109/preview


HoD


I/C Dean Academics


P.G. Coordinator

