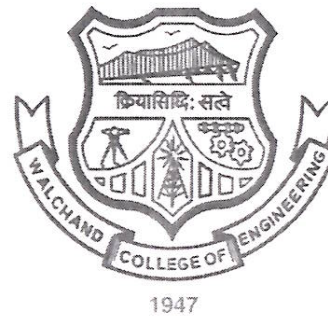# Walchand College of Engineering

(Government Aided Autonomous Institute)

Vishrambag, Sangli. 416415

Credit System for

S.Y. M.Tech. (Control System Engineering)

Sem-III and IV

2023-24

Walchand College of Engineering, Sangli

(Government Aided Autonomous Institute)

Credit System for S.Y. M.Tech. (Control System Engineering) Sem-III AY 2023-24

Sr.No.	Category	Course Code	Course Name	L	T	P	I	Hrs	Cr	MSE/LA1	ISE/LA2	ESE	Remark
Professional Core (Theory)													
1	PC	6CS601	Legal, Financial aspects of Industrial Project	2	0	0	0	2	2	30	20	50	
Professional Core (Lab)													
2	PR	6CS645	Dissertation Phase-I	0	0	6	0	6	3	100	0	0	
3	PR	6CS646	Dissertation Phase-II	0	0	6	0	6	3	0	100	0	
4	PR	6CS647	Dissertation Phase-III	0	0	8	0	8	4	0	0	100	OE
5	PC	6CS651	Industry Orientation Course	0	0	0	1	1	1	30	30	40	
Professional Elective (Theory)													
6	PE	Refer List	Professional Elective 4	3	0	0	0	3	3	30	20	50	
AICTE Mandatory Courses													
7	MC	6IC601	Value Education	2	0	0	0	2	0	30	20	50	
			Total	7	0	20	1	28	16				

PG Coordinator HoD Dean Academics

24/12/2023

Professional Elective Course List for S.Y. M.Tech. (Control System Engineering) Sem-III AY 2023-24

Sr.No.	Track	Course Code	Course Name
	Professional Elective 4		
1	Process Modelling and Dynamics	6CS611	Modern Power Electronics
2	Advanced Control Algorithms	6CS612	Robust Control

Notes:

For Theory courses: There shall be MSE, ISE and ESE. The ESE is a separate head of passing.

For Lab courses: There shall be continuous assessment (LA1, LA2, ESE). The ESE is a separate head of passing. The Y in the PoE indicates external component for ESE. Minimum two AICTE mandatory courses need to be completed for award of degree.

For further details, refer to Academic and Examination rules and regulations.

PG Coordinator   HoD   Dean Academics   Page 3/4   Date:

Walchand College of Engineering, Sangli

(Government Aided Autonomous Institute)

Credit System for S.Y. M.Tech. (Control System Engineering) Sem-IV AY 2023-24

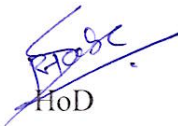| Sr.No.	Category	Course Code	Course Name	L	T	P	I	Hrs	Cr	MSE/LA1	ISE/LA2	ESE	Remark
Professional Core (Lab)												
1	PR	6CS691	Dissertation Phase-IV	0	0	10	0	10	5	100	0	0	
2	PR	6CS692	Dissertation Phase-V	0	0	10	0	10	5	0	100	0	
3	PR	6CS693	Dissertation Phase-VI	0	0	12	0	12	6	0	0	100	OE
4	PR	6CS694	Techno-Socio Activity	0	0	0	1	1	1	30	30	40	
AICTE Mandatory Courses												
5	MC	6IC602	Constitution of India	2	0	0	0	2	0	30	20	50	
			Total	**2**	**0**	**32**	**1**	**35**	**17**				

Notes:

For Theory courses: There shall be MSE, ISE and ESE. The ESE is a separate head of passing.

For Lab courses: There shall be continuous assessment (LA1, LA2, ESE). The ESE is a separate head of passing. The Y in the PoE indicates external component for ESE. Minimum two AICTE mandatory courses need to be completed for award of degree.

For further details, refer to Academic and Examination rules and regulations.

PG Coordinator   HoD   Dean Academics   Page 4/4   Date: