



Walchand College of Engineering, Sangli

(Government Aided Autonomous Institute)

Credit System for S.Y. M.Tech. Electrical (Control System Engineering) Sem- III AY 2020-21

Sr.No.	Category	Course Code	Course Name	L	T	P	Hrs	Credits	ISE-1	MSE*	ISE-2	ESE
Professional Core (Lab)												
1	PC	3CS690	Dissertation Phase-I	0	0			4		100		
2	PC	3CS691	Dissertation Phase-II	0	0	\$20	\$20	2			100	
3	PC	3CS692	Dissertation Phase-II	0	0			4				100
Professional Elective (Theory)												
4	PE	3CS6**	Professional Elective 5	3	0	0	3	3	10	30	10	50
Mandatory Non Credit Course												
5	MC	3IC6**	Mandatory Non Credit Course	2	0	0	2	0	35	30	35	----
Total				5	0	20	25	13				

Notes:

The Value Added Courses are Optional Courses. The mode of teaching (LTPI) is decided by the resource person. The list of Value added courses will be updated from time to time. The course may be on paid basis. The credits earned from these courses will be shown on grade card. For SPI and CPI calculation, these courses will be excluded.

@ Minimum 2 mandatory life skill courses are to be completed for award of degree.

\$ Contact hours of each M. Tech. Dissertation with the guide shall be 1 hour/week

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



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Sr.No.	Course Code	Course Name
Professional Elective 5		
1	3CS611	Modern Power Electronics
2	3CS612	Robotics and AI

Mandatory Non Credit Course		
1	3IC601	Constitution of India
2	3IC602	Pedagogy of Studies
3	3IC603	Disaster Management
4	3IC604	Value Education



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Credit System for S.Y. M.Tech. Electrical (Control System Engineering) Sem- IV AY 2020-21

Sr.No.	Category	Course Code	Course Name	L	T	P	Hrs	Credits	ISE-1	MSE*	ISE-2	ESE	
Professional Core (Lab)													
1	PC	3CS693	Dissertation Phase-III	0	0			4		100			
2	PC	3CS694	Dissertation Phase-IV (ISE)	0	0	\$32	\$32	4			100		
3	PC	3CS695	Dissertation Phase-IV (ESE)	0	0			8				100	
Mandatory Non Credit Course													
5	MC	3IC6**	Mandatory Non Credit Course	2	0	0	2	0	35	30	35	----	
Total				2	0	32	34	16					

Notes:

The Value Added Courses are Optional Courses. The mode of teaching (LTPI) is decided by the resource person. The list of Value added courses will be updated from time to time. The course may be on paid basis. The credits earned from these courses will be shown on grade card. For SPI and CPI calculation, these courses will be excluded.

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Mandatory Non Credit Course		
1	3IC601	Constitution of India
2	3IC602	Pedagogy of Studies
3	3IC603	Disaster Management
4	3IC604	Value Education