MKSSS's Cummins College of Engineering for Women, Pune (An Autonomous Institute Affiliated to SavitribaiPhule Pune University)



Autonomous Program Structure Third Year B. Tech. Fifth Semester (Instrumentation and Control) Academic Year: 2022-2023 Onwards

Course Code	Course Title	Teaching Scheme Hours/Week			Examination Scheme				Marks	Credit
		Lecture	Tutorial	Practical	In Semester	End Semester	Oral	Practical		
20IN501	Process Loop Components	3	0	0	50	50	0	0	100	3
20IN502	Digital Signal Processing	3	1	0	50	50	0	0	100	4
20IN503	Internet of Things (IoT)	3	1	0	50	50	0	0	100	4
20PEIN501	Programme Elective-I	3	0	0	50	50	0	0	100	3
20PEIN502	Programme Elective- II*	3	0	0	50	50	0	0	100	3
200EHS501	Open HS Elective -I	3	0	0	50	50	0	0	100	3
20IN501L	Process Loop Components Lab	0	0	2	25	0	0	25	50	1
20IN502L	Digital Signal Processing Lab	0	0	2	25	0	0	25	50	1
20PEIN501L	Programme Elective Lab-I	0	0	2	25	0	25	0	50	1
20AC501	Audit Course	0	0	2	0	0	0	0	0	No Credit
	Total	18	2	8	375	300	25	50	750	23
	Grand Total	28			750				750	
						750				23

^{*} NPTEL/Swayam Course

Department of Instrumentation & Control Engineering

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Programme Elective-I

20PEIN501A Modern Control Theory 20PEIN501B Biomedical and Analytical Instrumentation 20PEIN501C Advanced Micro controller Techniques

Open Elective I (Humanities)

Sr. No.	Course Code	Course Title					
1	200EHS501A	Entrepreneurship Development					
2	200EHS501B	Intellectual Property Rights					
3	200EHS501C	Introduction to Digital Marketing					
4	200EHS501D	Law for Engineers					
5	200EHS501E	Organizational Behaviour					
6	200EHS501F	Project Management					



APPROVED BY

Secretary Governing Body MKSSS's Cummins College of Engineering For Women, Pune-411052



APPROVED BY
Chairman Governing Body
MKSSS's Cummins College of Engineering
For Women, Pune-411052