

# Cummins College of Engineering for Women

(An autonomous institute affiliated to Savitribai Phule pune university)  
Karve Nagar, Pune - 411 052



## Curriculum for UG Degree Course in BTech. Instrumentation and Control Engineering (Academic Year: 2024-25 Onwards) Second Year | Semester-IV

Sr. No.	Course Code	Course Title	Teaching Scheme (Hours/week)			Credits	Examination Scheme			Total Marks
			L	T	P		ISE	ESE	Pr/Or	
1	23PCIN401	Control Systems	3	1	0	4	50	50	0	100
2	23PCIN402	Microcontrollers	3	0	0	3	50	50	0	100
3	23PCIN403	Industrial Drives	2	0	0	2	25	25	0	50
4	23CEP401	Community Engagement Project	1	0	2	2	50	0	0	50
5	23MmIN401	Environmental Instrumentation	3	1	0	4	50	50	0	100
6	23EEM401	Entrepreneurship Development	3	1	0	4	50	50	0	100
7	23VSECIN401L	Excel Programming Lab	1	0	2	2	50	0	0	50
8	23PCIN402L	Microcontrollers Lab	0	0	2	1	25	0	25	50
<b>Total =</b>			<b>16</b>	<b>3</b>	<b>6</b>	<b>22</b>	<b>350</b>	<b>225</b>	<b>25</b>	<b>600</b>

L=Lecture, T=Tutorial, P= Practical, Cr= Credits, ISE =In Semester Evaluation, ESE =End Semester Examination, Pr/Or = Practical/Oral

Instrumentation and Control Department

APPROVED BY

Secretary Academic Council

W2000's Cummins College of Engineering  
For Women, Pune-411052

APPROVED BY

Chairman Academic Council

W2000's Cummins College of Engineering  
For Women, Pune-411052