

T.Y B.Tech. Instrumentation and Control Semester-II										
Course Code	Course Title	Teaching Scheme			Examination Scheme				Marks	Credit
		Lecture	Tutorial	Practical	In Sem	End Sem	Oral	Practical		
IN 3201	Process Loop Components	3	0	0	50	50	0	0	100	3
IN 3202	Digital Signal Processing	3	1	0	50	50	0	0	100	4
IN 3203	Unit Operations	3	1	0	50	50	0	0	100	4
PEIN 3201	Programme Elective- II	3	0	0	50	50	0	0	100	3
PEIN 3202	Programme Elective-III	3	0	0	50	50	0	0	100	3
IN 3204	Process Loop Components Lab	0	0	2	0	0	0	25	25	1
IN 3205	Digital Signal Processing Lab	0	0	2	0	0	0	25	25	1
PEIN 3203	Programme Elective-III Lab	0	0	2	0	0	25	0	25	1
IN 3206	Seminar on Mini Project	0	0	4	25	0	0	25	50	2
AC 3201	Audit Course	0	0	2	0	0	0	0	0	0
<b>Total</b>		<b>15</b>	<b>2</b>	<b>12</b>	<b>275</b>	<b>250</b>	<b>25</b>	<b>75</b>	<b>625</b>	<b>22</b>
<b>Grand Total</b>		<b>29</b>			<b>625</b>				<b>625</b>	<b>22</b>

**PEIN 3201: Programme Elective-II**

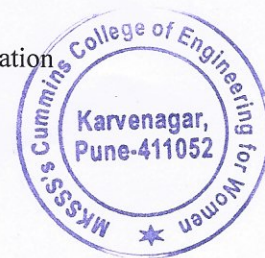
1. Environmental Instrumentation
2. Reliability Engineering
3. MEMS
4. Internet of Things (IoT)
5. Swayam Online Course

**PEIN 3202: Programme Elective-III**

**PEIN 3203: Programme Elective-III Laboratory**

1. Embedded Product Design
2. Advanced Biomedical Instrumentation
3. Computer Organization
4. Robotics

**AC 3201: Audit Course: Employability Skills Development**



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**APPROVED BY**  
Governing Body Members  
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