



# ST. VINCENT PALLOTTI COLLEGE OF ENGINEERING & TECHNOLOGY, NAGPUR

(An autonomous institution affiliated to Rashtrasant Tukadoji Maharaj Nagpur University)

## B. Tech. Scheme of Examination & Syllabus 2023-24

### INDUSTRIAL IOT

#### SEMESTER III

Sr No	Course Category	Course Code	Course Title	Hours per Week			Credits	Maximum Marks		
				L	T	P		Continual Assessment	End Sem Examination	Total
1	PCC	23II301T	Digital Circuits	3	-	-	3	30	70	100
2	PCC	23II301P	Digital Circuits Lab	-	-	2	1	25	25	50
3	PCC	23II302T	Analog and Digital Communication	3	-	-	3	30	70	100
4	PCC	23II302P	Analog and Digital Communication Lab	-	-	2	1	25	25	50
5	PCC	23II303T	Object Oriented Programming and Data Structures	4	-	-	4	30	70	100
6	PCC	23II303P	Object Oriented Programming and Data Structures Lab	-	-	2	1	25	25	50
7	PCC	23II304T	Mechatronics	3	-	-	3	30	70	100
8	PCC	23II304P	Mechatronics Lab	-	-	2	1	25	25	50
9	SEC	23II305P	Career Development III	-	-	2	1	50	-	50
10	VEC	23ES301T	Value Education Course - I	2	-	-	2	15	35	50
11	ELC	23II306P	Micro Project I*	-	-	2	1	50	-	50
12	MDM	23II331M	MDM – I Design, Technology and Innovation	2	-	-	2	15	35	50
<b>Total</b>				<b>17</b>		<b>12</b>	<b>23</b>	<b>350</b>	<b>450</b>	<b>800</b>

\* Field Project or Community engagement project in the major discipline

		July 2024	1.1	Applicable for 2024-25
Chairman - BoS	Dean – Academics	Date of Release	Version	

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**B. Tech. Scheme of Examination & Syllabus 2023-24**

**INDUSTRIAL IoT**

**SEMESTER IV**

\* Field Project or Community engagement project in the major discipline

		July 2024	1.1	Applicable for 2024-25
<b>Open Elective – I</b>				
23II461O	OE-I Fundamentals of 3D Printing			



Chairman - BoS

Dean – Academics

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