

# VEMU Institute of Technology

(UGC-Autonomous)

Affiliated to  
**Jawaharlal Nehru Technological University**  
**Anantapur**



## Course Structure

(R23) Regulations

*For*

**M.Tech**

**(Regular-Full time)**

(Effective for the students admitted into I year from the Academic Year  
**2023-2024** onwards)

**M.TECH (R23)**  
**DISTRIBUTION OF CREDITS**

<b>S.No</b>	<b>Semester 1</b>	<b>Semester 2</b>	<b>Total</b>
<b>I Year</b>	<b>18</b>	<b>18</b>	<b>36</b>
<b>II Year</b>	<b>18</b>	<b>16</b>	<b>34</b>
		<b>Total</b>	<b>70</b>

**M.Tech (R23)****I Year I Semester**

S. No.	Course Name	Category	Hours per week			Credits
			L	T	P	
1.	Program Core - I	PC	3	0	0	3
2.	Program Core - II	PC	3	0	0	3
3.	<b>Program Elective Course - I</b>	PE	3	0	0	3
4.	<b>Program Elective Course - II</b>	PE	3	0	0	3
5.	Program Core - I	PC	0	0	4	2
6.	Lab Practical's - I	PC	0	0	4	2
7.	<b>Mandatory Course - I</b> Research Methodology and IPR	MC	2	0	0	2
8.	<b>Audit Course – I</b> English for Research paper writing Disaster Management Sanskrit for Technical Knowledge	AC	2	0	0	0
<b>TOTAL</b>						<b>18</b>

**I Year II Semester**

S.No.	Course Name	Category	Hours per week			Credits
			L	T	P	
1.	Program Core - III	PC	3	0	0	3
2.	Program Core - IV	PC	3	0	0	3
3.	<b>Program Elective Course – III</b>	PE	3	0	0	3
4.	<b>Program Elective Course – IV</b>	PE	3	0	0	3
5.	Lab Practical's –II	PC	0	0	4	2
6.	Lab Practical's -III	PC	0	0	4	2
7.	Technical seminar	PR	0	0	4	2
8.	<b>Audit Course – II</b> Pedagogy Studies Stress Management for Yoga Personality Development through Life Enlightenment Skills	AC	2	0	0	0
<b>Total</b>						<b>18</b>

**M.Tech (R23)****II Year I Semester**

S.No.	Course Name	Category	Hours per week			Credits
			L	T	P	
1.	<b>Program Elective Course – V</b>	PE	3	0	0	3
2.	<b>Open Elective</b> Business Analytics Internet of Things Mechatronics	OE	3	0	0	3
3.	Dissertation Phase – I	PR	0	0	20	10
4.	Co-curricular Activities					2
<b>Total</b>						<b>18</b>

**II Year II Semester**

S.No.	Course Name	Category	Hours per week			Credits
			L	T	P	
1.	Dissertation Phase – II	PR	0	0	32	16
<b>Total</b>						<b>16</b>