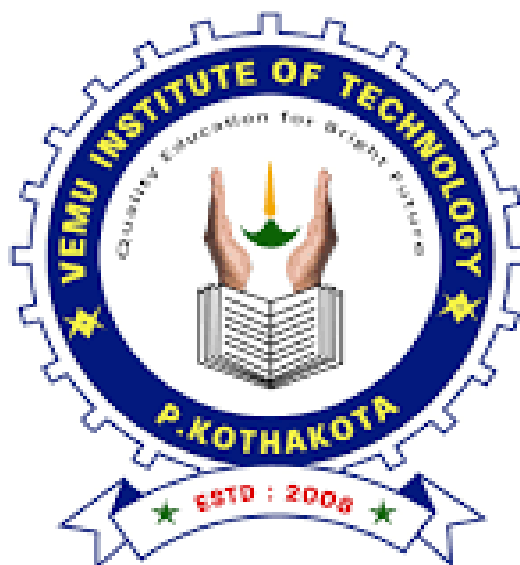


VEMU Institute of Technology (UGC-Autonomous)

Affiliated to
Jawaharlal Nehru Technological University
Anantapur



Course Structure

(R23) Regulations

For

Master of Computer Applications (Regular-Full time)

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

MCA (R23)
DISTRIBUTION OF CREDITS

S. No	Semester 1	Semester 2	Total
I Year	28	28	56
II Year	28	18	46
Total			102

MASTER OF COMPUTER APPLICATIONS (R23)**I Year I Semester**

S.No.	Course Name	Hours per week			Credits
		L	T	P	
1.	Core Course - 1	4	0	0	4
2.	Core Course - 2	4	0	0	4
3.	Core Course - 3	4	0	0	4
4.	Core Course – 4	4	0	0	4
5.	Core Course – 5	4	0	0	4
7.	Lab Practical's - 1	0	1	2	2
8.	Lab Practical's - 2	0	1	2	2
9.	Lab Practical's - 3	0	1	2	2
10	Mandatory Course Research Methodology and IPR	2	0	0	2
	TOTAL	22	3	8	28

I Year II Semester

S.No.	Course Name	Hours per week			Credits
		L	T	P	
1.	Core Course - 6	4	0	0	4
2.	Core Course – 7	4	0	0	4
3.	Core Course – 8	4	0	0	4
4.	Program Elective – I	4	0	0	3
5.	Open Elective – I	3	0	0	3
6.	Lab Practical's – 4	0	1	2	2
7.	Lab Practical's - 5	0	1	2	2
8.	Lab Practical's - 6	0	1	2	2
9.	Skill Oriented Course – I	1	0	2	2
10.	Seminar	0	0	4	2
	Total	20	3	10	28

II Year I Semester

S.No.	Course Name	Hours per Week			Credits
		L	T	P	
1.	Core Course - 9	4	0	0	4
2.	Core Course - 10	4	0	0	4
3.	Core Course - 11	4	0	0	4
5.	Program Elective – II	3	0	0	3
6.	Program Elective – III	3	0	0	3
7.	Lab Practical's – 7	0	1	2	2
8.	Lab Practical's – 8	0	1	2	2
9.	Lab Practical's – 9	0	1	2	2
10.	Summer Internship / Industry Oriented Mini Project/ Skill Development Course (Minimum 6 weeks)	-	-	-	2
11.	Skill oriented Course – II	1	0	2	2
	TOTAL	18	4	8	28

II Year II Semester

S.No.	Course Name	Hours per Week			Credits
		L	T	P	
1.	Program Elective– IV	3	0	0	3
2.	Program Elective – V	3	0	0	3
3.	Project Work	0	0	20	10
4.	Comprehensive Viva Voce	-	-	-	2
	TOTAL	6		20	18