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	23IT301T	Applied Mathematics-III	3	-	-	3	30	70	100
2	PCC	23IT302T	Data Structures	4	-	-	4	30	70	100
3	PCC	23IT302P	Data Structures Lab	-	-	4	2	25	25	50
4	PCC	23IT303T	Computer Network	3	-	-	3	30	70	100
5	PCC	23IT303P	Computer Network Lab	-	-	2	1	25	25	50
6	PCC	23IT304T	Computer Architecture and Organization	3	-	-	3	30	70	100
7	PCC	23IT305P	Computer Lab - I	-	-	2	1	25	25	50
8	SEC	23IT306P	Career Development III	-	-	2	1	50	-	50
9	VEC	23ES301T	Value Education Course - I	2	-	-	2	15	35	50
10	ELC	23IT307P	Micro Project- I*	-	-	2	1	50	-	50
	Total			15	0	12	21	310	390	700
11	MDM	23IT331M	MDM-I Fundamentals of Cloud Computing	2	-	-	2	15	35	50
	Total			17	0	12	23	325	425	750

*Field Project or Community engagement project in the major discipline

		July 2023	1.2	Applicable for 2024-25
Chairman - BoS	Dean – Academics	Date of Release	Version	

SEMESTER IV

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	23IT401T	Software Engineering and Project Management	3	-	-	3	30	70	100
2	PCC	23IT401P	Software Engineering and Project Management Lab	-	-	2	1	25	25	50
3	PCC	23IT402T	Object Oriented Programming	3	-	-	3	30	70	100
4	PCC	23IT402P	Object Oriented Programming Lab	-	-	2	1	25	25	50
5	PCC	23IT403T	Operating Systems	3	-	-	3	30	70	100
6	PCC	23IT404P	Software Lab - I	-	-	4	2	25	25	50
7	OE	23IT461O	Open Elective – I	2	-	-	2	15	35	50
8	VSC	23IT405T	Technical Skill Development - I	2	-	-	2	50	-	50
9	VEC	23ES401T	Value Education Course II	2	-	-	2	15	35	50
10	SEC	23IT406P	Career Development - IV	-	-	2	1	50	-	50
11	ELC	23IT407P	Micro Project- II*	-	-	2	1	50	-	50
Total				**15**	**0**	**12**	**21**	**345**	**355**	**700**
12	MDM	23IT431M	MDM-II Cloud Platforms and Services	3	-	-	3	15	35	50
Total				**18**	**0**	**12**	**24**	**360**	**390**	**750**

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

23IT461O	Open Elective – I
23IT461O (i)	OE-I Ethics in Information Technology
23IT461O (ii)	OE-I Software Testing and Quality Assurance