



Master of Technology (Computer Science & Engineering) (Semester – I) **Recommended W.E.F JULY 2020**
Scheme of Examination

S. No.	Subject Code	Subject Name	Maximum Marks Allotted							Total Marks	Contact Periods per week			Total Credits
			Theory Slot			Practical Slot		MOOCs			L	T	P	
			End Sem.	Mid Sem.	Quiz/ Assignment	End Sem.	Lab work/ sessional	Assignment	Exam					
1.	620111	Database Systems	70	20	10	-	-	-	-	100	3	-	-	3
2.	620112	Distributed Computing	70	20	10	-	-	-	-	100	3	-	-	3
3.	620113	High-speed Networks	70	20	10	-	-	-	-	100	3	-	-	3
4.	DE	Departmental Elective-I	70	20	10	-	-	-	-	100	3	-	-	3
5.	OC	Open Category Course* (OC-1)	70	20	10	-	-	-	-	100	3	-	-	3
6.	620121	Lab-I #	-	-	-	90	60	-	-	150	-	-	4	4
7.	620122	Self-Learning / Presentation §	-	-	-	-	100	-	-	100	-	-	2	2
Total			350	100	50	90	160	-	-	750	15	-	6	21

* Open Category course (OC-1) will have to be opted from the pool of open courses. This course will be based on interdisciplinary aspects.

During labs, students have to perform practical/assignments/ minor projects related to theory subjects/theoretical concepts of respective semester using recent technologies / languages / tools etc.

§ Self learning / presentation through SWAYAM / NPTEL (Registration in a course will be compulsory for students but assessment will be based on internal seminar presentation).

DE-1	
Subject Code	Subject Name
620114	Mobile Computing & M-Commerce
620115	Adhoc & Sensor Based Networks
620116	Network Security
620117	Computer Architecture and Parallel Processing

OC-1	
Subject Code	Subject Name
800105	Soft Computing
800106	Blockchain Technology
800107	Machine Learning using Python

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Department of Computer Science and Engineering

Master of Technology (Computer Science and Engineering) (Semester II) **Recommended W.E.F. July 2020**

Scheme of Examination

S. No.	Subject Code	Subject Name	Maximum Marks Allotted						Total Marks	Contact Periods per week			Total Credits	
			Theory Slot			Practical Slot		MOOC's		L	T	P		
			End. Sem.	Mid Sem.	Quiz/ Assignment	End Sem.	LabWork/ sessional	Assignment						Exam
	620211	Algorithm Design Technique and Analysis	70	20	10	-	-	-	-	100	3	-	-	3
	620212	Advance Topic in Data Mining & Warehousing	70	20	10	-	-	-	-	100	3	-	-	3
	620213	Image Processing and Retrieval Technique	70	20	10	-	-	-	-	100	3	-	-	3
	DE	Department Elective-II	-	-	-	-	-	25	75	100	3	-	-	3
	OC	Open Category Course(OC-2)	-	-	-	-	-	25	75	100	3	-	-	3
	620221	Lab-II	-	-	-	90	60	-	-	150	-	-	4	4
	620222	Self Learning/ Presentation	-	-	-	-	100	-	-	100	-	-	2	2
		Total	280	80	40	90	160	25	75	750	15	6	21	

Elective II course will run through SWAYAM/NPTEL/ MOOCs based learning platform (with credit transfer facility)
 Open Category course (OC-2) will have to be opted from pool of open courses. This course will be based on interdisciplinary aspects. This course may be run through SWAYAM/NPTEL based platform (with credit transfer facility) and accordingly, OC-2 pool may be created from the list of SWAYAM/NPTEL courses]
 During labs, students has to perform practical/assignments/minor projects related to theory subjects/theoretical concepts of respective semester using recent technologies/ language/tools etc,
 Self learning/ presentation through SWAYAM/NPTEL(Registration in a course will be compulsory for the students bus assessment will be based on internal seminar presentation)

Subject Code	Subject Name
DE-2	
620216	Cloud Computing
620218	Social Networks
OC-2	
800204	Introduction to Internet of Things
800205	Deep Learning





Master of Technology (Computer Science & Engineering) (Semester-III) **Recommended W.E.F JULY 2020**

Scheme of Examination

S. No.	Subject Code	Subject Name	Maximum Marks Allotted							Total Marks	Contact Hours per week			Total Credits
			Theory Slot			Practical Slot		MOOCs			L	T	P	
			End sem. Exam.	Mid sem.	Quiz/ Assignment	End Sem. /Practical Viva	Sessional Work/ Practical Record/ Assignment/ Quiz/ Presentation	Assignment	Exam					
1.	620311	Dissertation Part-I (Literature Review/ Problem Foundation/ Synopsis/survey paper, etc.)	-	-	-	150	100	-	-	250	-	-	10	10
2.	OC	MOOC Course*	-	-	-	-	-	25	75	100	-	-	02	02
Total			-	-	-	150	100	25	75	350	-	-	12	12

* Open Category course (OC-III) will run through SWAYAM / NPTEL / MOOC based learning platform (with credit transfer facility).

OC-III	
Subject Code	Subject Name
800306	Big Data Computing
800305	Computer Vision



Master of Technology (Computer Science & Engineering) (Semester-IV) **Recommended W.E.F JULY 2020**

Scheme of Examination

S. No.	Subject Code	Subject Name	Maximum Marks Allotted					Total Marks	Contact Hours per week			Total Credits
			Theory Slot			Practical Slot			L	T	P	
			End sem. Exam.	Mid sem.	Quiz/ Assignment	End Sem. /Practical Viva	Sessional Work/ Practical Record/ Assignment/ Quiz/ Presentation					
1.	620411	Dissertation Part-II	-	-	-	300	200	500	-	-	14	14
		Total	-	-	-	300	200	500	-	-	14	14

22/12/23

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