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Subject Code	Category Code	Subject Name	Maximum Marks Allotted							Total Marks	Contact Hours per week			Total Credits	Mode of Teaching	Mode of Exam.
			Theory Slot				Practical Slot				L	T	P			
			End Sem.		Mid Sem. Exam.	Quiz/Assignment	End Sem.	Lab Work & Sessional	Skill Based Mini Project							
			End Term Evaluation	Proficiency in subject /course												
3250321	DC	Stochastic Process and Financial Mathematics	50	10	20	20	-	-	-	100	2	1	-	3	Offline	PP
3250322	BSC	Discrete Mathematical Structures	50	10	20	20	-	-	-	100	3	1	-	4	Offline	PP
3250323	DC	Operating System Concepts	50	10	20	20	-	-	-	100	2	1	-	3	Offline	MCQ
3250324	DC	Data Structures and Algorithms	50	10	20	20	40	30	30	200	3	-	2	4	Offline	A+O
3250325	DC	Numerical Techniques	50	10	20	20	-	-	-	100	3	1	-	4	Offline	PP
3250326	DLC	Computing Lab	-	-	-	-	40	30	30	100	-	-	2	1	Offline	A+O
3250327	DLC	Self-learning/Presentation*	-	-	-	-	-	40	-	40	-	-	2	1	Blended +Mentoring	SO
2000xxx	CLC	Novel Engaging Course	-	-	-	-	50	-	-	50	-	-	2	1	Interactive	SO
3250328	DLC	Skill Internship Project-I (Institute Level Evaluation)	-	-	-	-	60	-	-	60	-	-	4	2	Offline	SO
Total			250	50	100	100	230	80	40	850	13	4	6	23		
3000001	Natural Sciences & Skills	Engineering Physics	50	10	20	20	-	-	-	100	2	-	-	Grade	Blended	MCQ
1000001	MAC	Indian Constitution and Traditional Knowledge	50	10	20	20	-	-	-	100	2	-	-	Grade	Blended	MCQ

*Proficiency in course/subject - includes the weight age towards ability/ skill/ competence/knowledge level /expertise attained /attendance etc. in that particular course/subject
 *compulsory registration for one online course using SWAYAM/NPTEL/ MOOC, evaluation through attendance, assignments and presentation

Mode of Teaching				Mode of Examination							Total Credits
Theory		Blended		Lab	NEC	Theory			Lab	SIP/ SLP/ NEC	
Offline	Online	Offline	Online	Offline	Interactive	PP	A+O	MCQ	SO	-	
7	-	-	1	1	-	3	2	1	3	-	23
77 %	-	-	11 %	11%	-	33%	22%	11%	33%	-	Credits %

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MCQ: Multiple Choice Question, AO: Assignment + Oral, OB: Open Book, PP: Pen Paper, SO: Submission and Oral

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Scheme of Examination
 B. Tech. (Admitted batch 2022)

Annexure-VI

Subject Code	Category Code	Subject Name	Maximum Marks Allotted							Total Marks	Contact Hours per week			Total Credits	Mode of Teaching (Offline/Online)	Mode of Exam.
			Theory Slot				Practical Slot				L	T	P			
			End Sem.		Continuous Evaluation		End Sem.	Continuous Evaluation								
			End Term Evaluation	Proficiency in subject /course	Mid Sem. Exam.	Quiz/Assignment		Lab Work & Sessional	Skill Based Mini Project							
2250521	DC	Computer Networks	50	10	20	20	-	-	-	100	3	-	-	3	Offline	PP
2250522	DC	Real and Complex Analysis	50	10	20	20	-	-	-	100	3	1	-	4	Offline	PP
2250523	DC	Software Engineering	50	10	20	20	-	-	-	100	3	-	-	3	Offline	MCQ
2250524	MC	Data Science using Python	50	10	20	20	60	20	20	200	2	1	2	4	Offline	MCQ
2250525	DC	Optimization Techniques	50	10	20	20	-	-	-	100	3	1	-	4	Offline	PP
2250526	DLC	Minor Project-I	-	-	-	-	60	40	-	100	-	-	4	2	Offline	SO
2250527	DLC	Self-learning/Presentation*(NPTEL/SWAYAM/MOOC)	-	-	-	-	-	40	-	40	-	-	2	1	Blended mentoring	SO
2250528	CLC	Novel Engaging Course (Informal Learning)	-	-	-	-	50	-	-	50	-	-	2	1	Interactive	SO
2250529	DLC	Summer Internship Project -II	-	-	-	-	60	-	-	60	-	-	4	2	Offline	SO
Total			250	50	100	100	230	100	20	850	14	3	14	24		
2250530	MAC	Disaster Management	50	10	20	20	-	-	-	100	2	-	-	Grade	Blended	MCQ

Proficiency in course/subject includes the weightage towards ability/skill/competence/knowledge level/ expertise attained etc. in that particular course/subject.

MCQ: Multiple Choice Question \$AO: Assignment + Oral \$PP: Pen Paper \$SO: Submission + Oral

The Minor Project-I may be evaluated by an internal committee for awarding sessional marks.

Compulsory registration for one online course using SWAYAM/NPTEL/MOOC, evaluation through attendance, assignments and presentation

Mode of Teaching					Mode of Examination						Total Credits
Theory		Lab	Blended		Lab	Theory		Lab	NEC		
Offline	Online		Offline	Online		PP	A+O			MCQ	
7	-	1	1	1	3	-	2	4	-	24	
77%	-	11%	11%	11%	33%	-	22%	44%	-		

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Deemed to be University
(Declared under Distinct Category by Ministry of Education, Government of India)
NAAC ACCREDITED WITH A++ GRADE

B.Tech. Offered by Department of Engineering Mathematics & Computing

Annexure-I

VII Semester for batches admitted in academic session 2021-22

Subject Code	Category Code	Subject Name	Maximum Marks Allotted									Contact Hours per week			Total Credits	Mode of Teaching (Online, Offline, Blended)	Mode of Exam.	
			Theory Slot				Practical Slot			MOOCs		Total Marks	L	T				P
			End Term Evaluation		Continuous Evaluation		End Sem. Exam.	Continuous Evaluation		Assignment	Exam							
			End Sem. Exam.	Proficiency in subject/course	Mid Sem. Exam	Quiz/Assignment		Lab work & Sessional	Skill Based Mini Project									
2507XX	DE	Departmental Elective* (DE-II)	50	10	20	20	-	-	-	-	100	3	-	-	3	Offline	PP	
2507XX	DE	Departmental Elective* (DE-III)	-	-	-	-	-	-	25	75	100	3	-	-	3	Online	MCQ	
2507XX	DE	Departmental Elective* (DE-IV)	-	-	-	-	-	-	25	75	100	3	-	-	3	Online	MCQ	
010XXX	OC	Open Category (OC-2)	50	10	20	20	-	-	-	-	100	3	-	-	3	Offline	PP	
050703	DLC	Departmental Lab	-	-	-	-	60	20	20	-	100	-	-	4	2	Offline	SO	
050704	DLC	Creative Problem Solving (Evaluation)	-	-	-	-	25	25	-	-	50	-	-	2	1	Blended	SO	
050705	DLC	Summer Internship Project-III (04 weeks) (Evaluation)	-	-	-	-	60	-	-	-	60	-	-	4	2	Offline	SO	
Total			100	20	40	40	145	45	20	50	150	610	12	-	10	17	-	-
	MAC	Universal Human Values & Professional Ethics(UHVPE)	50	10	20	20	-	-	-	-	100	2	-	-	GRADE	Blended	MCQ	

Additional Course for Honours or minor Specialization Permitted to opt for maximum two additional courses for the award of Honours or Minor specialization

Policy in course/subject includes the weightage towards ability/skill/competence/knowledge level/ expertise attained etc. in that particular course/subject.
 Multiple Choice Question \$AO: Assignment + Oral \$PP: Pen Paper \$SO: Submission + Oral
 through SWAYAM/NPTEL/ MOOC Learning Based Platform with Credit Transfer

Mode of Teaching				Mode of Examination					Total Credits		
Theory		Blended	Lab	Theory			Lab	NEC			
Offline	Online			Offline	Interactive	PP				A+O	MCQ
5	2	-	-	-	-	2	-	2	3	SO	17
71.42%	28.57%	-	-	-	-	28.57%	-	28.57%	42.85%		

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6/17/24

Dear
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