


COURSE STRUCTURE SITE 21 REGULATIONS

S. No		Course Code		Course Name		L		T		P		C	
1		21CS2101		Mathematics for Computer Science		3		0		0		3	
2		21CS2102		Discrete Mathematics		3		0		0		3	
3		21CS2103		Advanced Computer Networks		3		0		0		3	
4		21CS2104		Advanced Computer Networks		3		0		0		3	
5		21CS2105		Advanced Algorithms		3		0		0		3	
6		21CS2106		Advanced Algorithms		3		0		0		3	
7		21CS2107		Advanced Algorithms		3		0		0		3	
8		21CS2108		Advanced Algorithms		3		0		0		3	
Total		18				18		0		0		18	

For Computer Science and Engineering (PG)

**With effective from the Academic
Year
2021-22**


 HEAD OF THE DEPARTMENT
 Computer Science & Engineering
 Sree Institute of Technology & Engg.
 Taballigumam-534 101



sasi INSTITUTE OF
TECHNOLOGY &
autonomous ENGINEERING

Accredited by **NAAC** with "A" Grade
Recognised by **UGC** under section 2(f) & 12(B)
Approved by **AICTE** - NEW Delhi
Permanently Affiliated to **JNTUK, SBTET**
Ranked as "A" Grade by Govt. of A.P.

Department of Computer Science & Engineering

M.Tech I Semester

S. No	CourseCode	Courses	L	T	P	C
1	21CSCS101	ProgramCore-1 MathematicalFoundationsofComputerScience	3	0	0	3
2	21CSCS102	ProgramCore-2 AdvancedDataStructures&Algorithms	3	0	0	3
3	21CSCS103A 21CSCS103B 21CSCS103C	ProgramElective-1 1. BigDataAnalytics 2. DigitalImageProcessing 3. AdvancedOperatingSystems	3	0	0	3
4	21CSCS104A 21CSCS104B 21CSCS104C	ProgramElective-2 1. AdvancedComputerNetworks 2. InternetofThings 3. ObjectOrientedSoftwareEngineering	3	0	0	3
5	21CSCS105	ResearchMethodologyandIPR	2		0	2
6	21CSCS106	Laboratory-1 AdvancedDataStructures&AlgorithmsLab	0	0	4	2
7	21CSCS107	Laboartory-2 AdvancedComputingLab	0	0	4	2
8	21CSCS108	AuditCourse-1*	2	0	0	0
TotalCredits						18

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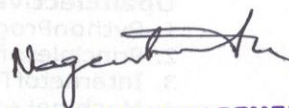
M.Tech II Semester

S.No	CourseCode	Courses	L	T	P	C
1	21CSCS201	ProgramCore-3 Machinelearning	3	0	0	3
2	21CSCS202	ProgramCore-4 MEANStack Technologies	3	0	0	3
3	21CSCS203A 21CSCS203B 21CSCS203C	ProgramElective-3 1. AdvancedDatabasesandMining 2. AdHoc&SensorNetworks 3. SoftComputing	3	0	0	3
4	21CSCS204A 21CSCS204B 21CSCS204C	ProgramElective-4 1. CloudComputing 2. Principlesofcomputersecurity 3. HighPerformanceComputing	3	0	0	3
5	21CSCS205	Laboratory-3 MachineLearningwith python lab	0	0	4	2
6	21CSCS206	Laboartory-4 MEANStackTechnologiesLab	0	0	4	2
7	21CSCS207	MiniProjectwithSeminar	2	0	0	2
8	21CSCS208	AuditCourse-2*	2	0	0	0
TotalCredits						18

***Student must choose anyone audit course listed below.**

Audit Course 1&2:

- | | |
|--|---|
| <ol style="list-style-type: none"> 1. English for Research Paper Writing 2. Disaster Management 3. Sanskrit for Technical Knowledge 4. Value Education | <ol style="list-style-type: none"> 5. Constitution of India 6. Pedagogy Studies 7. Stress Management by Yoga 8. Personality Development through Life Enlightenment Skills |
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M.Tech III Semester

S.No	Course Code	Courses	L	T	P	C
1	21CSCS301A 21CSCS301B 21CSCS301C	Program Elective-5 1. Deep Learning 2. Social Network Analysis 3. MOOCs-1 (NPTEL/SWAYAM) 12 Week Program related to the program which is not listed in the course structure	3	0	0	3
2	21XXXX302N 21XXXX302N	Open Elective 1. MOOCs-2 (NPTEL/SWAYAM)- Any 12 Week Course on Engineering/Management/ Mathematics offered by other than parent department 2. Course offered by other departments in the college	3	0	0	3
3	21CSCS303	Dissertation-I/Industrial Project#	0	0	20	10
Total Credits						16

#Students going for Industrial Project/Thesis will complete these courses through MOOCs

M.Tech IV Semester

S.No	Course Code	Courses	L	T	P	C
1	21CSCS401	Dissertation-II	0	0	32	16
Total Credits						16

Open Electives offered by the Department of CSE

1. Python Programming
2. Principles of Cyber Security
3. Internet of Things
4. Machine Learning
5. Digital Forensics
6. Next Generation Databases

Nagendra

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