

SRI VENKATESWARA UNIVERSITY COLLEGE OF ENGINEERING::TIRUPATI-517502

Department of Computer Science and Engineering

M.Tech (CSE)–Choice Based Credit System–2023 Regulations

(With effect from the academic year 2023-24)

Revised Scheme of Instruction and Examinations

Total credits (2 year course): 80

SEMESTER I

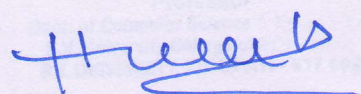
Course Code	Course Title	L	T	P	Total	Credits	Sessional	End Semester	Total
COPC01	Mathematical Foundation of Computer Science	3	1	0	4	4	40	60	100
COPC02	Advanced Data Structures	3	1	0	4	4	40	60	100
COPC03	Advanced Operating Systems	3	1	0	4	4	40	60	100
COPE1	Programme Elective-I	3			3	3	40	60	100
COPE11	Machine Learning								
COPE12	Data Preparation and Analysis								
COPE2	Programme Elective-II	3			3	3	40	60	100
COPE21	Distributed Databases								
COPE22	Digital Forensics								
COCP01	Advanced Data Structures & Operating Systems Lab			3	3	1.5	40	60	100
COEP01	Machine Learning & Distributed Databases Lab			3	3	1.5	40	60	100
PGPC01	Research Methodology and IPR	3	0	0	3	3	40	60	100
Total		18	3	6	27	24	320	480	800

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Course Code	Course Title	L	T	P	Total	Credits	Sessional	End Semester	Total
COPC04	Advanced Algorithms	3	1	0	4	4	40	60	100
COPC05	Compilers for HPC	3	1	0	4	4	40	60	100
COPE3	Programme Elective-III	3	0	0	3	3	40	60	100
COPE31	Big Data Analytics								
COPE32	Recommender System								
COPE4	Programme Elective-IV	3	0	0	3	3	40	60	100
COPE41	Computer Vision								
COPE42	Introduction to Intelligent Systems								
COCP02	Advanced Algorithms & Compilers for HPC Lab	0	0	3	3	1.5	40	60	100
COEP02	Big Data Analytics & Introduction to Intelligent Systems Lab	0	0	3	3	1.5	40	60	100
PGPC02	Cyber Security	3	0	0	3	3	100	-	100
COMP01	Mini Project with seminar	2	0	0	2	2	100	-	100
Total		17	2	6	25	22	440	360	800


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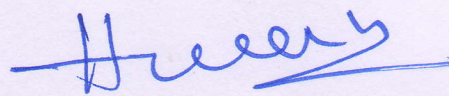
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SEMESTER III

Course code	Course Title	L	T	P	Credits	Sessional	End Semester	Total
COP1	Internship (4 to 6Weeks)	0	0	0	3	-	100	100
PGOE11	Open Elective (MOOCs)	0	0	0	3	-	100	100
PGOE111	Block chain Technology							
PGOE112	Internet of Things							
PGOE113	Mobile Networks							
PGOE114	Network Security							
PGOE115	Any other in Current Technology							
COPD01	Dissertation-Phase-I			24	12	40	60	100
Total		0	0	24	18	40	260	300

- Open Elective Courses selected under MOOCS should not be same as Core and Electives



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SEMESTER IV

Course code	Course Title	L	T	P	Credits	Sessional	End Semester	Total
COPD02	Dissertation-Phase-II	-	-	20	16	40	60	100
Total				20	16	100		100

1 week

Dr. B. S. Srinivasan
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