

SCHOOL OF ENGINEERING AND TECHNOLOGY

SRI PADMAVATI MAHILA VISVAVIDYALAYAM

(Women's University)

TIRUPATI – 517 502, Andhra Pradesh



Accredited by NAAC with “A” Grade

M.TECH – SCHEME OF EVALUATION - R19

Department of Computer Science and Engineering

Effective from 2019-20 under CBCS

SCHOOL OF ENGINEERING AND TECHNOLOGY
SRI PADMAVATHI MAHILA VISVAVISYALAYAM
SCHEME OF INSTRUCTION AND EVALUATION OF M.TECH (CSE)
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
I YEAR – I SEMESTER (2019-20)

THEORY													
S.No	Course Code	Course Title	Hours per Week			Credits	Evaluation					Total Marks	
							Internal (30 Marks)		External (70 Marks)				
							Assignment	Test					
			L	T	P		Max. Marks	Duration (Hrs)	Max. Marks	Duration (Hrs)	Max. Marks		
1	19MCST01	Mathematical Foundations of Computer Science	3	0	0	3	5	2	25	3	70	100	
2	19MCST02	Advanced Data Structures	3	0	0	3	5	2	25	3	70	100	
3	19MCST03	Wireless and Mobile Networks	3	0	0	3	5	2	25	3	70	100	
4		Elective – 1	3	0	0	3	5	2	25	3	70	100	
5	19MBST01	Research Methodology and IPR	2	0	0	2	5	2	25	3	70	100	
PRACTICALS													
S.No	Course Code	Course Title	Hours per Week			Credits	Evaluation					Total Marks	
							Internal (40 Marks)		External (60 Marks)				
							Continuous Evaluation	Test					
			L	T	P		Max. Marks	Duration (Hrs)	Max. Marks	Duration (Hrs)	Max. Marks		
6	19MCSP01	Advanced Data Structures Lab	0	0	4	2	20	2	20	3	60	100	
7	19MCSP02	Wireless and Mobile Networks Lab	0	0	4	2	20	2	20	3	60	100	
Total			14	0	8	18						700	

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I YEAR – II SEMESTER (2019-20)

THEORY												
S.No	Course Code	Course Title	Hours per Week			Credits	Evaluation					Total Marks
							Internal (30 Marks)			External (70 Marks)		
							Assignment	Test				
			L	T	P		Max. Marks	Duration (Hrs)	Max. Marks	Duration (Hrs)	Max. Marks	
1	19MCST04	Advanced Algorithms	3	0	0	3	5	2	25	3	70	100
2	19MCST05	Soft Computing	3	0	0	3	5	2	25	3	70	100
3		Elective – II	3	0	0	3	5	2	25	3	70	100
4		Elective – III / MOOCs	3	0	0	3	5	2	25	3	70	100
PRACTICALS												
S.No	Course Code	Course Title	Hours per Week			Credits	Evaluation					Total Marks
							Internal (40 Marks)			External (60 Marks)		
							Continuous Evaluation	Test				
			L	T	P		Max. Marks	Duration (Hrs)	Max. Marks	Duration (Hrs)	Max. Marks	
5	19MCSS01	Term Paper cum Seminar	0	0	4	2	40	-	-	-	60	100
6	19MCSP03	Advanced Algorithms Lab	0	0	4	2	20	2	20	3	60	100
7	19MCSP04	Soft Computing Lab	0	0	4	2	20	2	20	3	60	100
Total			12	0	12	18						700

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II YEAR – I SEMESTER (2019-20)**

THEORY													
S.No	Course Code	Course Title	Hours per Week			Credits	Evaluation					Total Marks	
							Internal (30 Marks)		External (70 Marks)				
							Assignment	Test					
			L	T	P		Max. Marks	Duration (Hrs)	Max. Marks	Duration (Hrs)	Max. Marks		
1		Elective – IV	3	0	0	3	5	2	25	3	70	100	
2		Open Elective	3	0	0	3	5	2	25	3	70	100	
PRACTICALS													
S.No	Course Code	Course Title	Hours per Week			Credits	Evaluation					Total Marks	
							Internal (40 Marks)		External (60 Marks)				
							Continuous Evaluation	Test					
			L	T	P		Max. Marks	Duration (Hrs)	Max. Marks	Duration (Hrs)	Max. Marks		
3	19MCSV01	Comprehensive Viva	0	0	0	2	40	-	-	-	60	100	
4	19MCSJ01	Project Work Phase –I	0	0	20	10	100	-	-	-	-	100	
Total			6	2	20	18						400	

*As per Regulations – R19, 14.4, Table 2

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
II YEAR – II SEMESTER (2019-20)**

S.No	Course Code	Course Title	Credits	Internal Evaluation		External Evaluation		Total
				Guide	Internal Committee	External Dissertation	Viva	
1	19MCSJ02	Project Work Phase – II	16	20	20	30	30	100

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LIST OF ELECTIVES (2019-20)

ELECTIVE – I

S. No	Course Code	Course Title
1	19MCST06	Digital Forensics
2	19MCST07	Wireless Sensor Networks
3	19MCST08	Introduction to Intelligent Systems

ELECTIVE – III

S. No	Course Code	Course Title
1	19MCST12	Machine Learning
2	19MCST13	GPU Computing
3	19MCST14	Cloud Computing

ELECTIVE – II

S. No	Course Code	Course Title
1	19MCST09	Data Science
2	19MCST10	Internet of Things
3	19MCST11	Block Chain Technologies

ELECTIVE – IV

S. No	Course Code	Course Title
1	19MCST15	Big Data Analytics
2	19MCST16	Cyber Security
3	19MCST17	Deep Learning

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2019-20

LIST OF OPEN ELECTIVES OFFERED BY CSE TO OTHER DEPARTMENTS(2019-20)

S. No	Course Code	Course Title
1	19MCST18	Information Retrieval Systems

LIST OF OPEN ELECTIVES OFFERED BY OTHER DEPARTMENTS TO CSE (2019-20)

S. No	Course Code	Course Title	Offering Department
1	19MBST02	English For Research Paper Writing	BS&H
2	19MBST03	Business Analytics	
3	19MEET19	Solar Energy Utilization	EEE
4	19MMET22	Advanced Operations Research	ME
5	19MECT22	Advanced Embedded Systems	ECE