

M. TECH. COMPUTER ENGINEERING STRUCTURE PROGRESSIVE AUTONOMY

Scheme of Examination for M. Tech.												
Branch-Computer Engineering												
Semester-I												
Subject code	Name of the course	Teaching scheme (Weekly Load in Hrs.)				Credits	Evaluation Scheme					
		Lecture	Tutorial	Practical	Total		Theory			Practical (Cont. Ass.)	Total	ESE Duration (Hrs.)
							TAE 20 %	CAE 20%	ESE 60%			
MCEL501	Applied Algorithms	4	-	-	4	4	20	20	60	-	100	
MCEL502	Advanced Computer Architecture	3	-	-	3	3	20	20	60	-	100	3
MCEL503	Research Methodology	2	-	-	2	2	20	20	60	-	100	3
MCEL504	High Performance Database	3	-	-	3	3	20	20	60	-	100	3
MCEL505	Elective I	3	-	-	3	3	20	20	60	-	100	3
MCEL506	Elective II	3	-	-	3	3	20	20	60	-	100	3
MCEP507	Lab practice-I	-	-	4	4	2	-	-	-	100	100	-
MSDP501	Advanced skill Development	-	-	2	2	AU	-	-	-	-	-	-
	Total	18	-	6	24	20	120	120	360	100	700	-

Subject Code	Elective I –Subject’s	Subject Code	Elective II–Subject’s
MCEL505A	Information Retrieval & Web mining	MCEL506A	Data Mining and Machine Learning
MCEL505B	Distributed computing	MCEL506B	Grid computing
MCEL505C	Real time operating system	MCEL506C	Advanced compiler Design
MVEL505	Open Elective(E&TC Elective 1)	MCEL506D	Industry offered subject

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Semester-II												
Subject code	Name of the course	Teaching scheme (Weekly Load in Hrs.)				Credits	Evaluation Scheme					ESE Duration (Hrs.)
		Lecture	Tutorial	Practical	Total		Theory			Practical (Cont. Ass. +External)	Total	
							TAE 20 %	CAE 20%	ESE 60%			
MCEL509	Operating System Design	3	-	-	3	3	20	20	60	-	100	3
MCEL510	Software Design and Architecture	3	-	-	3	3	20	20	60	-	100	3
MCEL511	Advanced Computer Networks	3	-	-	3	3	20	20	60	-	100	3
MCEL512	Cyber security and forensic	3	-	-	3	3	20	20	60	-	100	3
MCEL513	Elective –III	3	-	-	3	3	20	20	60	-	100	3
MCEL514	Elective –IV	3	-	-	3	3	20	20	60	-	100	3
MCEP515	Lab practice-II	-	-	4	4	2	-	-	-	100	100	-
	Total	18	-	04	22	20	120	120	360	100	700	-

Subject Code	Elective III –Subject's	Subject Code	Elective IV–Subject's
MCEL513A	Business Intelligence and Infrastructure management	MCEL514A	Big data analysis's
MCEL513B	Mobile Computing	MCEL514B	Cloud Computing
MCEL513C	Network Security & Cryptography	MCEL514C	Intelligent System
MVEL511	Open Elective(E&TC Elective 2)	MVEL512	Open Elective(E&TC Elective 3)

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Semester-III													
Subject code	Name of the course	Teaching scheme (Weekly Load in Hrs.)				Credits	Evaluation Scheme						ESE Duration (Hrs.)
		Lecture	Tutorial	Practical	Total		Theory			Practical		Total	
							TAE 20 %	CAE 20%	ESE 60%	Cont. Ass.	External		
MCEP601	Technical course- LaTeX	-	-	4	4	2	-	-	-	50	-	50	-
MCEP602	Seminar I	-	-	5	5	5	-	-	-	50	50	100	-
MCEP603	Dissertations Phase -I	-	-	8	8	8	-	-	-	50	100	150	-
	Total	-	-	17	17	15	-	-	-	150	150	300	-

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Scheme of Examination for M.Tech													
Branch-Computer Engineering													
Semester-IV													
Subject code	Name of the course	Teaching scheme (Weekly Load in Hrs.)				Credits	Evaluation Scheme						ESE Duration (Hrs.)
		Lecture	Tutorial	Practical	Total		Theory			Practical		Total	
							TAE 20 %	CAE 20%	ESE 60%	Cont. Ass.	External		
MCEP604	Seminar II	-	-	4	4	4	-	-	-	50	50	100	-
MCEP605	Dissertation Phase -II	-	-	16	16	16	-	-	-	100	100	200	-
	Total	-	-	20	20	20	-	-	-	150	150	300	-