

Scheme of Examination Master of Technology (computer science & Engineering)											
FIRST SEMESTER						Exam. Schedule		Practical Schedule			
Course No.	Subjects	L	T	P	Total	Theory	Sessional	Practical	Sessional	Total	Credits
PCS-101	Advanced Data Structure & Algorithms	8	-	-	8	100	50	-	-	150	4
PCS-102	Advanced Database Management System	8	-	-	8	100	50	-	-	150	4
(Practicals / Seminar)											
PCS-103	Advanced Data Structure & Algorithms Lab	-	-	2	4	-	-	50	50	100	2

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SECOND SEMESTER						Exam. Schedule		Practical Schedule			
Course No.	Subjects	L	T	P	Total	Theory	Sessional	Practical	Sessional	Total	Credits
PMG-101	Research Methodology	8	-	-	8	100	50	-	-	150	4
PCS-XXX	Elective-I	8	-	-	8	100	50	-	-	150	4
PCS-XXX	Elective-II	8	-	-	8	100	50	-	-	150	4

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THIRD SEMESTER						Exam. Schedule		Practical Schedule			
Course No.	Subjects	L	T	P	Total	Theory	Sessional	Practical	Sessional	Total	Credits
PCS-104	Advanced Computer Networks	8	-	-	8	100	50	-	-	150	4
PCS-XXX	Elective-III	8	-	-	8	100	50	-	-	150	4
(Practicals / Seminar)											
PCS-105	Advanced Computer Networks Lab	-	-	2	4	-	-	50	50	100	2

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FOURTH SEMESTER						Exam. Schedule		Practical Schedule			
Course No.	Subjects	L	T	P	Total	Theory	Sessional	Practical	Sessional	Total	Credits
PCS-106	Advanced Computer Architecture	8	-	-	8	100	50	-	-	150	4
PCS-XXX	Elective-IV	8	-	-	8	100	50	-	-	150	4
PCS-XXX	Elective-V	8	-	-	8	100	50	-	-	150	4
PCS-107	Pre-Thesis / Seminar	-	-	-	4	-	-	-	150	150	4

Scheme of Examination Master of Technology (computer science & Engineering)**FIFTH SEMESTER**

Course No.	Subjects	L	T	P	Total	Theory	Sessional	Practical	Sessional	Total	Credits
PCS-108	Thesis	-	-	-	15	-	-	-	450	450	12

ELECTIVE-I

Course No.	Subjects	L	T	P	Total	Theory	Sessional	Practical	Sessional	Total	Credits
PCS-109	Software Testing & Quality Management	8	-	-	8	100	50	-	-	150	4
PCS-110	Software Project Management	8	-	-	8	100	50	-	-	150	4
PCS-111	Object Oriented Analysis & Design using UML	8	-	-	8	100	50	-	-	150	4
PCS-112	Aspect Oriented Programming	8	-	-	8	100	50	-	-	150	4

ELECTIVE-II											
Course No.	Subjects	L	T	P	Total	Theory	Sessional	Practical	Sessional	Total	Credits
PCS-113	Soft Computing	8	-	-	8	100	50	-	-	150	4
PCS-114	Business Intelligence & Its Applications	8	-	-	8	100	50	-	-	150	4
PCS-115	Natural Language Processing	8	-	-	8	100	50	-	-	150	4
PCS-116	Multimedia System Design	8	-	-	8	100	50	-	-	150	4

ELECTIVE-III											
Course No.	Subjects	L	T	P	Total	Theory	Sessional	Practical	Sessional	Total	Credits
PCS-117	Modeling and Simulation	8	-	-	8	100	50	-	-	150	4
PCS-118	Data Warehousing and Data Mining	8	-	-	8	100	50	-	-	150	4
PCS-119	Artificial Intelligence	8	-	-	8	100	50	-	-	150	4
PCS-120	Mobile Computing	8	-	-	8	100	50	-	-	150	4

ELECTIVE-IV											
Course No.	Subjects	L	T	P	Total	Theory	Sessional	Practical	Sessional	Total	Credits
PCS-121	Parallel and Distributed Computing	8	-	-	8	100	50	-	-	150	4
PCS-122	Digital Image Processing	8	-	-	8	100	50	-	-	150	4
PCS-123	Network System Security	8	-	-	8	100	50	-	-	150	4
PCS-124	Embedded System Design	8	-	-	8	100	50	-	-	150	4

ELECTIVE-V											
Course No.	Subjects	L	T	P	Total	Theory	Sessional	Practical	Sessional	Total	Credits
PCS-125	Grid Computing	8	-	-	8	100	50	-	-	150	4
PCS-126	Information Retrieval	8	-	-	8	100	50	-	-	150	4
PCS-127	Real Time Systems	8	-	-	8	100	50	-	-	150	4
PCS-128	Advanced Operating System	8	-	-	8	100	50	-	-	150	4
PCS-129	Cloud Computing	8	-	-	8	100	50	-	-	150	4
PCS-130	Quantum Cryptography	8	-	-	8	100	50	-	-	150	4

