

**Master of Technology  
(Computer Science & Engineering)  
(Regular Programme)**

First Semester Examination

Code No.	Paper	L	T/P	Credits
Theory Papers				
MECS-601	Advanced Data Structures	4	-	4
MECS-603	Advanced Software Engineering	4	-	4
MECS-605	Advances in Data & Computer Communications	4	-	4
Electives (Choose any Two)				
MECS-607	Advanced Computer Architecture	4	-	4
MECS-609	Enterprise Computing using JAVA	4		4
MECS-611	Computational Techniques using MATLAB	4	-	4
MEEC-613	Mathematical Statistics	4	-	4
MECS-613	Advanced Operating Systems	4		4
Practical / Viva Voce				
MECS-651	Lab-1	-	2	1
MECS-653	Lab-2	-	2	1
MECS-655	Lab-3	-	2	1
MECS-657*	Term Paper - I			2

\* NUES: Non University Examination

Second Semester Examination

Code No.	Paper	L	T/P	Credits
Theory Papers				
MECS-602	Object Oriented Analysis and Design	4	-	4
MECS-604	Advanced Data Base Management System	4	-	4
MECS-606	Advanced Algorithm Analysis & Design	4	-	4
Electives (Choose any Two)				
MEEC-618	ESD Using ARM microcontroller	4	-	4
MEEC-604	Advanced Signal Processing	4	-	4
MECS-608	Software Requirement & Estimation	4	-	4
MECS-610	Network Programming	4	-	4
MECS-612	Soft Computing	4	-	4
MEEC-612	Cellular & Mobile Communication	4	-	4
MECS-614	Modelling & Simulation	4	-	4
MECS-616	Software Metrics	4	-	4
MEIT-604	Advanced Software Project Management	4	-	4
MECS- 620	Distributed Computing	4	-	4
MECS-624	Advanced Computer Graphics	4	-	4
MESP-612	Digital Image Processing	4	-	4
Practical / Viva Voce				
MECS -652	Lab-4		2	1
MECS -654	Lab-5	-	2	1
MECS-656	Lab-6	-	2	1
MECS-658*	Term Paper II			2
Total		20	6	25

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Third Semester Examination

Code No.	Paper	L	T/P	Credits
Theory Papers				
MECS-701	Algorithm for VLSI Physical Design Automation	4	-	4
MECS-703	VLSI Test and Testability	4	-	4
Electives (Choose any Three)				
MEEC-707	Analog-Mixed Signal design	4	-	4
MECS-705	HW /SW Co-design	4	-	4
MECS-707	Designing with FPGA	4	-	4
MECS-709	Digital Image Processing	4	-	4
MECS-711	MEMS / IC Integration	4	-	4
MECS-713	Network on Chip	4	-	4
MECS-715	CMOS RF Design	4	-	4
MECS-717	Rapid Prototyping Design	4	-	4
MECS-719	Circuits Interconnection and Packaging for VLSI	4	-	4
MECS-721	ESD and RTOS	4	-	4
MEEC-705	Embedded Systems & RTOS	4		4
MEIT-703	Information Theory & Coding	4		4
Practical / Viva Voce				
MECS-751	Lab-7	-	2	1
MECS-753	Lab-8	-	2	1
MECS-755*	Term Paper-III	-	2	2
MECS-757	Minor Project	-	-	4
Total		20	6	28

\* NUES: Non University Examination

Fourth Semester Examination

Code No.	Paper	L	T/P	Credits
MECS-752	Dissertation	-	-	24
MECS-754*	Seminar & Progress Report	-	-	4
MECS-756*	Term Paper-IV	-	-	2

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