

**S 'O' A UNIVERSITY**  
**INSTITUTE OF TECHNICAL EDUCATION & RESEARCH**  
 Jagamohan Nagar, Jagamara, Khandagiri, Bhubaneswar-30

**PROGRAMME for M.Tech**  
**1<sup>st</sup> SEMESTER EXAMINATION-2011**

*Time : 2.00 pm to 5.00 pm*

<i>Date</i>	<b>Branch</b>	<b>Code</b>	<b>Subjects</b>
08.12.2011 (Thursday)	E&I (VLSI & ES) / E&I (Microelectronics)	MAET-501	Semiconductor Devices, Modeling & Simulation
	CSE/IT / CSDP	MCST-16	Mathematical Foundations for Computer Science
	TSE	MECT-03	Electromagnetic Engineering
	DSIP	MECT-19	Digital Signal Processing
	Civil (Structural Engg.)	MCET-01	Advanced Structural analysis
	Civil (Geotech)	MCET-21	Advanced Soil Mechanics
	EEE (PS & PE) / EEE (PE & D)	MELT-101	Power Electronic Converter-I
	EE(ESM)	MEET-101	Element of Sustainable Energy
	MECH (Thermal)	MMET-501	Advanced Fluid Mechanics
	MECH(Manufacturing)		Mathematical Method in Manufacturing
	CHEM (EST)	MEST-01	Environmental Science & Engg.
10.12.2011 (Saturday)	E&I (VLSI & ES) / E&I (Microelectronics)	MAET-503	VLSI Fabrication Technology
	CSE/IT	MCST-01	Advanced Computer Architecture
	CSDP	MCAT-01	Principle of Programming Language
	TSE	MECT-02	Information Theory & Coding
	DSIP	MECT-15	Digital Image Processing
	Civil (Structural Engg.)/ Civil (Geotech)	MCET-02	Theory of Elasticity & Plasticity
	EEE (PS & PE) EE(ESM)	MEET-104	Computational intelligence in Engineering
	EEE (PE & D)	MELT-103	Advanced Control Theory-I
	MECH (Thermal)	MMET-502	Advanced Engineering Thermodynamics
	MECH(Manufacturing)		Advance Cutting & Welding

	CHEM (EST)	MEST-02	Environmental Chemistry, Microbiology & Env. Toxicology
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<i>Date</i>	<b>Branch</b>	<b>Code</b>	<b>Subjects</b>
12.12.2011 (Monday)	E&I (VLSI & ES) /DSIP	MAET-502	Digital VLSI Design
	E&I (Microelectronics)	MAET-507	Solid State Circuits
	CSE/IT / CSDP	MCAT-04	Soft Computing Techniques
	TSE	MECT-01	Digital Comm.Techniques
	Civil (Structural Engg.)	MCET-03	Advanced Design of Concrete Structures
	Civil (Geotech)	MCET-23	Sub surface Exploration and Soil Testing
	EEE (PS & PE)/ EE(ESM) / EEE (PE &D)	MELT-104	Power Quality
	MECH (Thermal)	MMET-503	Conduction and Radition Heat Transfer
	MECH(Manufacturing)		Robotics and Flexible Manufacturing
	CHEM (EST)	MEST-03	Environmental Statistics & Numerical Method
14.12.2011 (Wednesday)	E&I (VLSI & ES) / EEE (PE &D)	MAET-614 / MEET-114	Microprocessor & Micro Controller
	E&I (Microelectronics)	MAET-613	Lower Power Circuits & Systems
	CSE/IT / CSDP	MCST-02	Advanced Design and Analysis of Algorithms
	TSE	MITT-06	Internet and Web Technology
	DSIP	MECT-18	Linear Algebra
	Civil (Structural Engg.) Civil (Geotech)	MCET-05	Advanced Foundation Engineering
	EEE (PS & PE) / EE(ESM)	MEET-104*	Control and Operation of Electric Power System
	MECH (Thermal)	MMET-607	IC Engine
	MECH(Manufacturing)		Theory of Machining and Grinding
	CHEM (EST)	MEST-E01	Waste Water Treatment Technologies & Management
16.12.2011 (Friday)	E&I (VLSI & ES) / E&I (Microelectronics)	MENT-616	Soft Computing
	CSE/IT	MITT-01	Mobile Communication
	CSDP	MCAT-08	Database Management System
	TSE/DSIP	MECT-13	Advanced DSP Techniques
	EE(ESM)	MEET-102	Deregulated Power System
	EEE (PE &D) EEE (PS & PE)	MELT-102	Machine Analysis
	MECH (Thermal)	MCDT-503	Computational Methods in Engg.

	MECH(Manufacturing)		Theory of Plasticity and Metal forming
	CHEM (EST)	MEST-E02	Air Pollution Control Technologies & Management
19.12.2011 (Monday)	CSDP / Civil (Structural Engg.) Civil (Geotech)	MCAT-03	Advanced Computational Techniques

**DEAN**