

**NATIONAL INSTITUTE OF TECHNOLOGY: TIRUCHIRAPPALLI-620 015**  
**OFFICE OF THE DEAN (Academic)**  
Semester / Supplementary Schedule for I Sem. M.Tech / M.Sc. / M.C.A & Ph.D. /M.S. Combined with  
P.G. Nov - Dec 2015

VENUE: Lecture Hall Complex

Date: 17.11.2015

Date & Time	Code No.	Subject
<b>M.Tech I Semester</b>  <b>'A' Slot</b>  <b>30.11.2015</b>  <b>9.30 a.m. to 12.30 p.m.</b>	EN601	Energy Audit & Management
	CL 605	Chemical Reactor Analysis & Design
	IC 603	Modern Control Engineering
	MA 701	Numerical Methods And Applied Statistics ( <b>TEM /Envi. Engg</b> )
	MA 751	Applied Mathematics
	CE 775	Modern Construction Materials
	CS 601	Advanced Algorithms and Data structures
	EE 601	Advanced Power System Analysis
	EE 621	Renewable Power Generation Techniques
	EE 653	Industrial Control Electronics
	EC 703	High Speed Communication Networks
	EC 651	Analog IC Design
	ME 603	Advanced Fluid Mechanics
	ME 659	Regulation for Health, Safety & Environment
	MA 613	Engineering Mathematics ( <b>Wel. Engg / Mat.Sci. Engg / Ind. Metallurgy</b> )
	PR 651	Data Analytics
	PR 601	Advanced Machining Technology
<b>M.Sc I Semester</b>	PH 651	Mathematical Physics –I
	CH 601	Organic Chemistry –Reaction Mechanisms and Their Types
	CAS 769	Operating Systems
<b>M.Tech I Semester</b>  <b>' B Slot'</b>  <b>01.12.2015</b>  <b>9.30 a.m. to 12.30 p.m.</b>	EN603	Environment Engineering & Pollution Control
	CL 603	Process Modeling & Simulation
	IC 663	Signal Conditioning and Processing
	CE 601	Highway Traffic Analysis and Design
	CE 651	Theory of Elasticity and Plasticity
	CE 703	Physico- Chemical Process for water and Wastewater Treatment
	CE 751	Construction Planning & Control
	CS 603	Advanced Concepts in Operating Systems
	MA 603	Optimization Techniques ( <b>P.S / P. E</b> )
	EC 601	Probability and Stochastic Processes ( <b>Regular / Supply</b> )
	MA 617	Graph Theory and Discrete Optimization
	ME 601	Fuels, Combustion and Emission Control
	ME 653	Safety Management
	MT 603	Welding Processes –I
	MT 653	Thermodynamics and Kinetics
	MT 703	Metal Joining
	PR 653	Advanced Operation Research
PR 603	Flexible Tooling and Automated Inspection	
<b>M.Sc I Semester</b>	PH 653	Classical Mechanics ( <b>Regular / Supply</b> )
	CH 603	Coordination Chemistry : Bonding Reactions and Spectra
	CAS 765	Data Structures an Algorithms

<b>Date &amp; Time</b>	<b>Code No.</b>	<b>Subject</b>
<b>M.Tech I Semester</b>  <b>‘C’ Slot</b>  <b>02.12.2015</b>  <b>9.30 a.m. to 12.30 p.m.</b>	EN 605	Solar Energy Utilization
	CL 624	Industrial Safety and Risk Management
	IC 665	Computer Control Processes
	CE 603	Pavement Analysis and Design
	CE 669	Advanced Steel Structures
	CE 701	Environmental Chemistry and Microbiology
	CE 755	Construction Contracts & Specifications
	CS 653	Advance Networks Principles and Protocols
	EE 603	Power System Stability
	EE 641	Digital Simulation of Power Electronic Systems
	EC 605	Microwave Circuits ( <b>Regular / Supply</b> )
	EC 653	Basics of VLSI
	ME 605	Advanced Heat Transfer
	ME 657	Safety in Engineering Industry
	MT 601	Design of Weldments
	MT 701	Foundry Technology
	PR 655	Analysis and Control of Manufacturing Systems
	PR 605	Advanced Welding Processes
	PH 605	Radiographic Testing and Radiation Safety
<b>M.Sc I Semester</b>	PH 655	Quantum Mechanics ( <b>Regular / Supply</b> )
	CH 605	Quantum Chemistry and Graph Theory
	CAS 761	Mathematical Foundations of Computer Science
<b>M.Tech I Semester</b>  <b>‘D’ Slot</b>  <b>03.12.2015</b>  <b>9.30 a.m. to 12.30 p.m.</b>	EN 611	Fuels and Combustion Technology
	CL 611	New Separation Techniques
	IC 601A	Measurement Systems
	IC 601 B	Chemical Process Systems
	CE 613	Pavement Materials
	CE 653	Matrix Methods of Structural Analysis
	CE 714	Water and Air Quality Models
	CE 757	Construction Personnel Management
	CS 617	Principles of Cryptography
	EE 618	Fuzzy Systems ( <b>P.S / P.E</b> )
	EC 802	Modeling and Synthesis with Verilog HDL ( <b>Com.sys / VLSI</b> )
	MA 609	Mathematical Methods
	MA 611	Probability and Statistics
	MT 611	Physical Metallurgy ( <b>Mat.Sci. Engg / Welding Engg / Indus.mett</b> )
	PR 661	Industrial Engineering and Productivity Management
PR 625	Manufacturing Management	
<b>M.Sc I Semester</b>	PH 657	Electronics
	CH 607	Instrumental Methods of Chemical Analysis
	CAS 763	Computer Organization and Architecture ( <b>Regular / Supply</b> )

Date & Time	Code No.	Subject
<b>M.Tech I Semester</b>  <b>‘E’ Slot</b>  <b>04.12.2015</b>  <b>9.30 a.m. to 12.30 p.m.</b>	EN 617	Thermal Engineering
	CL 625	Ecology for Engineers
	IC 669	Soft Computing Techniques
	CE 611	Geospatial Techniques
	CE 661	Structural Dynamics
	CE 711	Solid and Hazardous Waste Management
	CE 753	Construction Economics & Finance
	CS 605	Parallel Computer Architecture
	EE 651	Power Converters
	EC 803	Digital Signal Processing Structures For VLSI ( <b>Comy.sys / VLSI</b> )
	ME 641	Design and Optimization of Thermal Energy Systems
	MT 651	Electrical, Magnetic and Optical Materials ( <b>Mat.Sci. Engg</b> )
	MT 625	Electrical aspects of Welding ( <b>Mat.Sci. Engg / Welding Engg / Indus.mett</b> )
	PR 664	Design and Analysis of Experiments
	PR 624	Tribology
PH 611	Digital Signal and Image Processing ( <b>M.sc Physics / NDT</b> )	
<b>M.Sc I Semester</b>	CH 631	Medicinal Chemistry
	CAS 767	Database Management Systems
<b>M.Tech I Semester</b>  <b>‘F’ Slot</b>  <b>07.12.2015</b>  <b>9.30 a.m. to 12.30 p.m.</b>	EN 627	Instrumentation and Control in Energy Systems
	CL 601	Advanced Process Control ( <b>Chemical Engg./ PCI</b> )
	HM 712	Human Resource Management
	CE 681	Advanced Concrete Technology
	CE 733	Remote Sensing and GIS for Environmental Applications
	EE611	Power Conversion Techniques ( <b>Con. Tech.Mgmt / P.S</b> )
	ME 676	Welding Technology
	CS 613	Design and Analysis of Parallel Algorithms
	EE 655	Linear and Nonlinear Systems Theory
	EC 603	Advanced Digital Signal Processing ( <b>Regular / Supply</b> )
	EC 801	Digital System Design
	ME 607	Analysis and Design of Pressure Vessels
	ME 655	Occupational Health and Hygiene
	MT 614	Design and Selection of Materials ( <b>Mat.Sci. Engg / Welding Engg / Indus.mett</b> )
	PR 666	Lean & Agile Manufacturing
PR 618	Materials Technology	
PH 615	Material Characterization Techniques	

<b>Date &amp; Time</b>	<b>Code No.</b>	<b>Subject</b>
<b>M.Tech I Semester</b> <b>‘ G ’ Slot</b> <b>08.12.2015</b> <b>9.30 a.m. to 12.30 p.m.</b>	IC 667	Instrumentation for System Analysis
	CE 614	Ground Improvement Techniques ( <b>TEM / Envi. Engg / Const. Tec. Mgmt.</b> )
	ME 675	Safety in Material Handling ( <b>Con.Tech. Mgmt / ISE</b> )
	EE 612	Advanced Digital Signal Processing
	EE 639	Design Techniques for SMPS
	MT 618	Testing, Inspection and Characterization ( <b>Welding / Mat.Sci. Engg / Indus.Mett</b> )
	PR 676	Human Resource Management
	PR 635	Tolerance Technology
	PH 613	Basic Engineering Materials ( <b>NDT / M.Sc Physics</b> )
<b>M.Tech I Semester</b> <b>‘H’ Slot</b> <b>09.12.2015</b> <b>9.30 a.m. to 12.30 p.m.</b>	MT 617	Surface Engineering ( <b>Mat.Sci. Engg / Indus.Mett</b> )
	CE 684	Analysis of Deep Foundation ( <b>TEM / Stru. Engg</b> )
<b>M.Tech I Semester</b> <b>10.12.2015</b> <b>9.30 a.m. to 12.30 p.m.</b>	PH 601	Surface NDT Techniques
<b>M.Tech I Semester</b> <b>11.12.2015</b> <b>9.30 a.m. to 12.30 p.m.</b>	PH 603	Ultrasonic Testing

**Dy.Registrar (Academic)**

Cc:

All HODs,  
 All Department Notice Boards,  
 PG Hostel (Notice Boards)  
 L.H Complex and file  
 Copy submitted to the Director for kind information.