



NATIONAL INSTITUTE OF TECHNOLOGY, ROURKELA-769008(ODISHA)

Ref. No. NITR/AC/EXAM./11/M/451

Date:02.02.2011

Programme for B. Tech. Mid-Semester (Spring) Examination-2010-2011.

FIRST SESSION – 8.30 A.M. TO 10.30A.M.

Date & Day	COURSES	COURSES
21.02.2011 (Monday)	<ol style="list-style-type: none"> PH-102: Physics-II CY-512: Structure & Functions of Biomolecules MA-402: Measure Theory PH-402: Numerical Technique in Physics LS-403: Immunology SM-502: Human Resource Managing (SM/HS) 	<ol style="list-style-type: none"> BM-312: Biomedical Instrumentation (BM) BM-342: Industrial Microbiology (BT) CH-332: Process Equipment Design CE-312: Design of Steel Structures EE-322: Control System-I ME-354: Refrigeration & Air Conditioning MM-314: Heat Treatment of Metallic Materials MN-330: Mine Ventilation CS-312: System Analysis Design EC-332 : Electronic Instrumentation (EI/EC) CR-310: Refractory Technology
22.02.2011 (Tuesday)	<ol style="list-style-type: none"> CE-101: Engineering Mechanics CE-131: Env. & Safety Engg. CY-522: Chemistry of Transition & Non-transition Elements PH-404: Electrodynamics MA-404: Functions of Complex Variable LS-404: Molecular biology & Biotechnology SM-504: Production & Operations Managing HS-542: Poverty, In equality & Human Developing 	<ol style="list-style-type: none"> BM-314: Biomedical Image Processing (BM) CH-350: Process Dynamics & Control (BT) CH-334: Process Dynamic & Control CE-322: Geo-Technical Engineering EE-312: Switch gear & Proactive Devices ME-350: Heat Transfer MM-324: Steel Making MN-313: Underground Mining Technology CS-334: Operating System & Design EC-334: Instrumentation Devices (EI) EC-314: Digital Communication (EC) CR-322: Glass Technology
23.02.2011 (Wednesday)	<ol style="list-style-type: none"> CS-102: Data Structures & Algorithm CY-532: Chemical Acinetics & Photochemistry PH-406: Condensed Matter Physics MA-524: Statistical Methods LS-441: Biostatistics SM-506: Financial Management HS-532: Planning & Policy Issues in India 	<ol style="list-style-type: none"> BM-316: Biosensors & Biotransducers (BM/BT) CH-336: Chemical Engineering Math CE-342: Transportation Engg. EE-324: Power Electronics ME-352: Fluid Dynamics & Hydraulics Mechanics MM-352: Material Characterization Technique MN-332: Remote Sensing & its applications. CS-332: Algorithms Analysis and Design EC-312: Electromagnetic Theory (EI/EC)
24.02.2011 (Thursday)	<ol style="list-style-type: none"> MA-102: Mathematics-II SM-510: Economics & Legal Environment HS-537: Development Issues in Odisha 	<p>Open Elective:</p> <ol style="list-style-type: none"> CE-302: Disaster Management CH-228: Treatment of Industrial Effluents CH-338: Industrial Instrumentation & Process Control CH-418: Recent Separation Technologies CR-249: Material Science & Engg. CR-339: Ceramics in Electronic Application CS-326: Data Communication & Computer Networks CS-333: Operating System
25.02.2011 (Friday)	<ol style="list-style-type: none"> EE-101: Basic Electrical Technology EC-100: Basic Electronics MA-522: Operation Research PH-408: Quantum Mechanics-II CY-535: Electro Chemistry LS-552: Cell – Cell Signaling SM-508: Quantitative Techn. & Operations Research HS-533: Social, Anthropological & Political Prospective in Development 	<ol style="list-style-type: none"> BM-368: Bio Informatics (BM/BT) CH-312: Transport Phenomena CE-318: Finite Element Method EE-356: Digital Signal Processing ME-330: Metal Cutting & Tool Design MM-359: Engg. Polymers & Composites MN-304: Computer Application in Mining CS-335: Systems Software EC-322: Embedded System (EI/EC) CR-346: Nano Ceramics
28.02.2011 (Monday)	<ol style="list-style-type: none"> SM-512: Technology & Innovation Management HS-500: Research Methodology CH-220: Chemical Engg. Thermodyna. (BT) 	

SECOND SESSION – 1.30 P.M. TO 3.30 P.M.

<p>21.02.2011 (Monday)</p>	<ol style="list-style-type: none"> 1. BM-254: Cell & Molecular Biology (BM/BT) 2. CY-214: Basic Organic Chemistry-I (CY/MA/PH) 3. CH-226: Fuels and Combustion 4. CE-202: Surveying 5. EE-240: Meas. & Electronic Instru. 6. ME-230: Primary Production Process 7. MM-212: Casting & Solidification Materials 8. MN-202: Mine Syrveying 9. CS-222: Database Management System 10. EC-204: Semiconductor Devices (EI&EC) 11. CR-230: Science of Ceramic Materials 	<ol style="list-style-type: none"> 1. BM-622: Nano Techn. in Medical Application (BM/BT) 2. CH-454: Simulation Modeling & Opt. of Chemical Process 3. CE-412: Prestressed Concrete 4. CE-422: Ground Improvement Techniques 5. EE-438: Industrial Automation & Control 6. ME-414: Mechatronics 7. MM-435: Fracture Mechanics Fatigue of Materials 8. MN-400: Mine Planning 7. CS-412: Software Engg. 8. EC-439: Advanced Process Control (EI) 9. EC-442: A.T.D.S.P. (EC) 10.CR-336: Cement Technology 11.CY-514: Environmental Chemistry 12.MA-546: Differentiable Methods 13.LS-513: Enzymology & Metabolism
<p>22.02.2011 (Tuesday)</p>	<ol style="list-style-type: none"> 1. EC-243: Digital Electronics (BM/PH) 2. CH-220: Chemical Engg. Thermodyna.(CH) 3. CE-212: Structural Analysis 4. EE-244: Signals & Systems 5. ME-210: Design of Machine Elements 6. MM-220: Unit Process of Extraction 7. MN-204: Mining Machinery 8. CS-242: Comp. Org. & Architecture 9. EC-202: Digital Electronics (EI&EC) 10. CR-212: Ceramic Processing 11. CY-234: Basic Physical Chemistry-II 12. MA-224: Linear Programming & Theory of Games 	<ol style="list-style-type: none"> 1. BM-462: Structural Biology (BM/BT) 2. CH-464: Project Engineering 3. CE-452: Irrigation Engg. 4. EE-404: Renewable Energy System 5. ME-434: Computer Aided Design & Computer Graphics 6. MM-446: Composite Materials 7. MN-436: Environment Pollution & Control in Mines 8. CS-425: Data Ware Housing & Mining 9. EC-624: Embeded Computing System (EI/EC) 10. EC-444: Soft Computing (EI/EC) 11. CR-426: Tribology of Materials 12.CY-526: Bioinorganic Chemistry 13.PH-554: Physics of Thin Filim Technology 14.MA-554: Graph Theory 15.LS-581: Cancer Biology LS-530: Aquatic biology & marine biotechnology LS-531: Epigeuetics LS-532: Molecular Medicine
<p>23.02.2011 (Wednesday)</p>	<ol style="list-style-type: none"> 1. MA-202: Mathematics-IV All Branches 	<ol style="list-style-type: none"> 1. BM-658: Computational Fluid Dynamics in Bio Engg. (BM) 2. BM-392: Special Topic Biotech & Medical Engg. (BT) 3. CH-438: Disaster Management in Chemical Industries 4. CE-402: Estimation & Construction Management 5. EE-456: Robotics & Computer Vision 6. ME-430: Industrial Management 7. MM-458: Joining Of Materials 8. MN-442: Mine Fires & spontaneous Heating 10.CS-434: Image Processing 11.EC-437: Biomedical Instrumentation (EI) 12.EC-630: Industrial Electronics & Instrumentation 13.EC-412: Antenna Analysis & System 14.CR-320: High Temperature Ceramic Processing 15.CY-558: OrganometallicChemistry 16.PH-542: Physics & Applications of Dielectric Materials 17. MA-542: Tenser Analysis
<p>24.02.2011 (Thursday)</p>	<p><u>Open Elective</u></p> <ol style="list-style-type: none"> 1. CS-343: Digital Logic Design 2. CY-232: Chemical Kinetics 3. CY-431: Chemistry of Nanomaterials 4. HS-311: Communicative English 5. HS-317: Introduction to the Structure of Modern Eng. 6. MA-424: Operation Research 7. ME-300: Finite Element Analysis 8. ME-430: Industrial Management 9. ME-436: Entrepreneurship 	<ol style="list-style-type: none"> 10. MM-318: Principles & Practice of Heat Treatment 11. MM-358: Experimental Techniques in Materials Engg. 12. MM-448: Advanced Engg. Materials 13. PH-332: Physics of The Universe 14. SM-502: Human Resource Management
<p>25.02.2011 (Friday)</p>	<ol style="list-style-type: none"> 1. BM-202: Basic Clinical Science (BM) 2. CH-200: Fluid Dynamics (BT) 3. CE-252: Fluid Mechanics 4. EE-242: Digital Electronics & Micro Processor 5. EE-202: Electrical Engineering (ME) 6. MM-227: Fuel Technology 8. MN-205: Mineral Exploration 9. CS-335: Computer Graphics & Multimedia 10.EE-202: Electrical Engineering (EI & EC) 11.CR-244: Introduction to Engg. Materials 12. PH-202: Electriciry & Magnetisim (CY/MN/PH) 	<ol style="list-style-type: none"> 1. MA-552: Fuzy Logic & Set Theory 2. EC-443: Digital Image Processing (EI/EC) 3. CR-416: Application of Refractories 4. MA-522: Operation Research (CR) 5. PH-508: Automic & Molecular Physics 6. CY-542: Pericyclic Reactions & Photochemistry

N.B: Omission & clashes, if any, may please be brought to the notice of the Assistant Registrar (Aca) / Professor In-charge Examination.

**Sd/-
Assistant Registrar (Aca)**

Copy to: -

1. All Notice Boards (Institute/Halls of Residence).
2. Dean (Ac.)/ Dean (S.W.).
3. **All HODs are requested to send the question papers in Sealed packets (packets supplied by Academic Office) Containing required no. of question papers Hall wise (actual student strength in the hall + 05 extra) as per the Hall arrangement list latest by 15.02.2011. Alongwith the question packets, HODs are requested to intimate AR (Ac) the list of requisite Steam tables, Steel tables, Log tables, ISI code, Design chart etc. to be supplied to the students by the Academic Office during Examination.**
4. Registrar..
5. Professor In-charge Examinations/ All Warden of Halls/Chief Warden.
6. Security Officer.
7. In-charge Technical Service.