

UNIVERSITY OF CALICUT  
(Pareeksha Bhavan)

**TIME TABLE FOR THE THIRD SEMESTER M.TECH. ENGINEERING  
(2011 Admn.) REGULAR (INTERNAL) EXAMINATION– MARCH 2013**

Time of Examination : 9.30 am to 12.30 pm  
Maximum Marks : 100 each

**COMPUTER AIDED PROCESS DESIGN (CHEMICAL ENGINEERING)**

Centre of Examination : Govt. College of Engineering, Kozhikode

Day and Date	Subject
Monday 11 <sup>th</sup> March 2013	<u>Elective IV</u> CPD 11 301 (A) Computational Fluid Dynamics CPD 11 301 (B) Separation Processes CPD 11 301(C) Advanced Process Control
Wednesday 13 <sup>th</sup> March 2013	<u>Elective V</u> CPD 11 302(A) Non-Conventional Energy Sources CPD 11 302(B) Nanomaterials & Nanotechnology CPD 11 302(C) Design and Analysis of Experiments

**COMPUTER SCIENCE AND ENGINEERING**

Centre of Examination : 1. MES College of Engineering , Kuttippuram  
2. Nehru College of Engineering & Research Centre, Pampady  
3. KMCT College of Engineering , Mukkom  
4. Vidhya Academy of Science & Technology, Thalakkottukara  
5. Vedavyasa Institute of Technology, Karadparamba  
6. Govt. Engineering College, Thrissur

Day and Date	Subject
Monday 11 <sup>th</sup> March 2013	<u>Elective IV</u> MCS 10 301 (A) Digital Image Processing MCS 10 301 (B) Research Methodology MCS 10 301 (C) Wireless Communication Technologies
Wednesday 13 <sup>th</sup> March 2013	<u>Elective V</u> MCS 10 302 (A) High Speed Network MCS 10 302 (B) Information Theory & Coding MCS 10 302 ( C) Internet Models

**THERMAL SYSTEMS**

Centre of Examination :. MES College of Engineering , Kuttippuram

Day and Date	Subject
Monday 11 <sup>th</sup> March 2013	<u>Elective IV</u> MTS 10 301 (A) Non Conventional Energy Systems MTS 10 301(B) Optimization Techniques MTS 10301 (C) Cryogenic Engineering
Wednesday 13 <sup>th</sup> March 2013	<u>Elective V</u> MTS 10 302(A) Research Methodology MTS 10 302 (B) Advanced Internal Combustion Engine MTS 10 302(C) Finite Element Methods .

## **INSTRUMENTATION AND CONTROL SYSTEMS**

Centre of Examination : 1. MES College of Engineering , Kuttippuram

Monday 11 <sup>th</sup> March 2013	<u>Elective IV</u> EIC 11 301 A- Research Methodologies EIC 11 301 B- Robust Control EIC 11 301 C- Advanced topics in Control Systems EIC 11 301 D- Bio-sensors
Wednesday 13 <sup>th</sup> March 2013	<u>Elective V</u> EIC 11 302 A- VLSI Architectures & Design Methodologies EIC 11 302 B- Soft Computing Techniques EIC 11 302 C- Industrial Instrumentation EIC 11 302 D- Optimal Estimation and Filtering

## **MACHINE DESIGN**

Centre of Examination: Nehru College of Engineering & Research Centre, Pampady

<b>Day and Date</b>	<b>Subject</b>
Monday 11 <sup>th</sup> March 2013	<u>Elective-IV</u> MMD 10 301 (A)- Fracture Mechanics & Design MMD 10 301(B)-Computational Fluid Mechanics MMD 10 301(C)- Industrial Noise Control
Wednesday 13 <sup>th</sup> March 2013	<u>Elective-V</u> MMD 10 302(A)- Design Experiments MMD 10 302 (B)-Robotics MMD 10 302 (C)-CIM

## **APPLIED ELECTRONICS AND COMMUNICATION SYSTEM**

Centre of Examination: Nehru College of Engineering & Research Centre, Pampady

<b>Day and Date</b>	<b>Subject</b>
Monday 11 <sup>th</sup> March 2013	<u>Elective-IV</u> EAC 10 301 A- Signal Compression –Theory and Methods EAC 10 301 B-Speech and Audio Processing EAC 10 301 C- Biomedical Signal Processing EAC 10 301 D- DSP Algorithms and Architectures
Wednesday 13 <sup>th</sup> March 2013	<u>Elective-V</u> EAC 10 302 A- Linear Systems Theory EAC 10 302 B- Linear and Nonlinear Optimization EAC 10 302 C- Secure Communication EAC 10 302 D- Information Hiding and Data Encryption

## **POWER ELECTRONICS AND DRIVES/POWER ELECTRONICS**

Centre of Examination: 1.Nehru College of Engineering & Research Centre, Pampady  
2. Vidya Academy of science & Technology, Thalakkottukara

<b>Day and Date</b>	<b>Subject</b>
Monday 11 <sup>th</sup> March 2013	<u>Elective-I</u> EPD/EPE10 301 Research Methodologies EPD/EPE10 301 B-Special Electrical Machines & Drives EPD/EPE10 301 C-Industrial Instrumentation
Wednesday 13 <sup>th</sup> March 2013	<u>Elective-II</u> EPD/EPE 10 302 A- VLSI Architecture & Design Methodologies EPD/EPE 10 302 B-Soft Computing Techniques EPD/EPE 10 302 C-Computing Networking

## **DIGITAL SIGNAL PROCESSING**

Centre of Examination: KMCT College of Engineering, Mukkom, Manassery

<b>Day and Date</b>	<b>Subject</b>
Monday 11 <sup>th</sup> March 2013	<u>Elective-IV</u> DSP 10 301 A- Speech and Audio Processing DSP 10 301 B- Biomedical Signal Processing DSP 10 301 C- Theory of Error Control Coding DSP 10 301 D- Space Time Coding and MIMO Systems
Wednesday 13 <sup>th</sup> March 2013	<u>Elective-V</u> DSP 10 302 A- VLSI Structure for DSP DSP 10 302 B- Pattern Recognition and Analysis DSP 10 302 C- Spread Spectrum & CDMA systems DSP 10 302 D- Markov modeling and Queuing Theory

## **MANUFACTURING ENGINEERING**

Centre of Examination: KMCT College of Engineering , Mukkom, Manassery

<b>Day and Date</b>	<b>Subject</b>
Monday 11 <sup>th</sup> March 2013	<u>Elective-IV</u> MME 10 301(A)-Advanced Finite Element Methods MME 10 301 (B)- System Simulation & Modeling MME 10 301 (C)-Vibration & Noise Control
Wednesday 13 <sup>th</sup> March 2013	<u>Elective-V</u> MME10 302 (A)-Industrial Energy Management MME10 302 (B)-Nanotechnology MME10 302 (C)- Experimental Stress Analysis

## **GEO TECHNICAL ENGINEERING**

Centre of Examination: IES College of Engineering , Chittilappilly

<b>Day and Date</b>	<b>Subject</b>
Monday 11 <sup>th</sup> March 2013	<u>Elective-IV</u> CEG 10 301(A) Forensic Geotechnical Engineering CEG 10 301(B) Soil Exploration & Field Testing CEG 10 301(C) Modelling ,Simulation & Computer Applications
Wednesday 13 <sup>th</sup> March 2013	<u>Elective-V</u> CEG 10 302 (A) Earthquake Geotechnical Engineering CEG 10 302 (B) Shell foundations CEG 10 302 (C) Remote Sensing and GIS

## **COMMUNICATION ENGINEERING**

Centre of Examination: NSS College of Engineering, Palakkad

<b>Day and Date</b>	<b>Subject</b>
Monday 11 <sup>th</sup> March 2013	<u>Elective-IV</u> ECE 10 301 A- Signal Compression ECE 10 301 B- Advanced techniques for wireless reception ECE 10 301 C- Secure Communication ECE 10 301D- Adaptive Signal Processing
Wednesday 13 <sup>th</sup> March 2013	<u>Elective-V</u> ECE 10 302 A- Markov Modeling and Queueing Theory  ECE 10 302 B- Space Time Coding and MIMO Systems ECE 10 302 C- Spectrum analysis Techniques ECE 10 302 D- New Generation Networks

## **COMPUTATIONAL LINGUISTICS**

Centre of Examination: Govt. Engineering College, Sreekrishnapuram

<b>Day &amp; Date</b>	<b>Subject</b>
Monday 11 <sup>th</sup> March 2013	<u>Elective-IV</u> MCL 10 301 A-Multi Media MCL 10 301 B- Research Methodology (Common with MCS 10 301-B) MCL 10 301 C- Knowledge based System Design
Wednesday 13 <sup>th</sup> March 2013	<u>Elective-V</u> MCL 10 302 A-Advanced Computational Linguistics MCL 10 302 B-Semantic Web Architecture MCL 10 302 C-Indian Theories of Meaning

## VLSI DESIGN

Centre of Examinations: 1. MET'S School of Engineering, Mala, Thrissur  
2. Nehru College of Engineering & Research Centre, Pampady

Day & Date	Subject
Monday 11 <sup>th</sup> March 2013	<u>Elective-IV</u> VL 11 301(A)- Mixed Signal System Design VL 11 301(B)- FPGA Architecture & Applications VL 11 301 (C)- Wireless Communication Systems
Wednesday 13 <sup>th</sup> March 2013	<u>Elective-V</u> VL 11 302 (A)- System Verilog VL 11 302 (B)-Hardware-Software Co-design VL 11 302(C)- VLSI Signal Processing

## BIO PROCESS ENGINEERING

Centre of Examination: MET'S School of Engineering, Mala, Thrissur

Day & Date	Subject
Monday 11 <sup>th</sup> March 2013	<u>Elective-IV</u> BTB 10 301 (A) Modelling & Simulation of Bioprocesses BTB 10 301 (B) Process control & Instrumentation in Bio Processes BTB 10 301(C) Transport Phenomena in Bioprocesses
Wednesday 13 <sup>th</sup> March 2013	<u>Elective-V</u> BTB 10 302 (A) Membrane Separation Technology BTB 10 302 (B) Environmental Engineering BTB 10 302 (C) Bioenergy Engineering

Calicut University.PO  
Dated: 26-02-2013

Sd/-  
CONTROLLER OF EXAMINATIONS