

UNIVERSITY OF CALICUT
(Pareeksha Bhavan)

**TIME TABLE FOR THE THIRD SEMESTER M.TECH. REGULAR
(2012 Admn.) /SUPPLEMENTARY (INTERNAL) EXAMINATION–
DECEMBER 2013**

Time of Examination : 9.30 am to 12.30 pm

Maximum Marks : 100 each

1) 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
Friday 3 rd January 2014	<u>Elective IV</u> MCS 10 301 (A) Digital Image Processing MCS 10 301 (B) Research Methodology MCS 10 301 (C) Wireless Communication Technologies
Monday 6 th January 2014	<u>Elective V</u> MCS 10 302 (A) High Speed Network MCS 10 302 (B) Information Theory & Coding MCS 10 302 (C) Internet Models

2) THERMAL SYSTEMS

Centre of Examination :. MES College of Engineering , Kuttippuram

Day and Date	Subject
Friday 3 rd January 2014	<u>Elective IV</u> MTS 10 301 (A) Non Conventional Energy Systems MTS 10 301 (B) Optimization Techniques MTS 10 301 (C) Cryogenic Engineering
Monday 6 th January 2014	<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 .

3) MACHINE DESIGN

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

Day and Date	Subject
Friday 3 rd January 2014	<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
Monday 6 th January 2014	<u>Elective-V</u> MMD 10 302 (A)- Design Experiments MMD 10 302 (B)-Robotics MMD 10 302 (C)-CIM

4) APPLIED ELECTRONICS AND COMMUNICATION SYSTEM

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

Day and Date	Subject
Friday 3 rd January 2014	<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
Monday 6 th January 2014	<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

5) DIGITAL SIGNAL PROCESSING

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

Day and Date	Subject
Friday 3 rd January 2014	<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
Monday 6 th January 2014	<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

6) POWER ELECTRONICS AND DRIVES/POWER ELECTRONICS

Centre of Examination: 1.Nehru College of Engineering & Research Centre,
Pampady

2. Vidya Academy of science & Technology, Thalakkottukara

Day and Date	Subject
Friday 3 rd January 2014	<u>Elective-IV</u> EPD/EPE10 301 (A) Research Methodologies EPD/EPE10 301 (B) -Special Electrical Machines & Drives EPD/EPE10 301 (C) -Industrial Instrumentation
Monday 6 th January 2014	<u>Elective-V</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

7) GEO TECHNICAL ENGINEERING

Centre of Examination: IES College of Engineering , Chittilappilly

Day and Date	Subject
Friday 3 rd January 2014	<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
Monday 6 th January 2014	<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

8) COMMUNICATION ENGINEERING

Centre of Examination: NSS College of Engineering, Palakkad

Day and Date	Subject
Friday 3 rd January 2014	<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 10 301(D) - Adaptive Signal Processing
Monday 6 th January 2014	<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

9) COMPUTER AIDED PROCESS DESIGN (CHEMICAL ENGINEERING)

Centre of Examination : Govt. College of Engineering, Kozhikode

Day and Date	Subject
Friday 3 rd January 2014	<u>Elective IV</u> CPD 11 301 (A) Computational Fluid Dynamics CPD 11 301 (B) Separation Processes CPD 11 301 (C) Advanced Process Control
Monday 6 th January 2014	<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

10) INSTRUMENTATION AND CONTROL SYSTEMS

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

Friday 3 rd January 2014	<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
Monday 6 th January 2014	<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

11) COMPUTATIONAL LINGUISTICS

Centre of Examination: Govt. Engineering College, Sreekrishnapuram

Day & Date	Subject
Friday 3 rd January 2014	<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
Monday 6 th January 2014	<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

12) VLSI DESIGN

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

Day & Date	Subject
Friday 3 rd January 2014	<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
Monday 6 th January 2014	<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

13) MANUFACTURING ENGINEERING

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

Day and Date	Subject
Friday 3 rd January 2014	<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
Monday 6 th January 2014	<u>Elective-V</u> MME10 302 (A)-Industrial Energy Management MME10 302 (B)-Nanotechnology MME10 302 (C)- Experimental Stress Analysis

14) BIO PROCESS ENGINEERING

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

Day & Date	Subject
Friday 3 rd January 2014	<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
Monday 6 th January 2014	<u>Elective-V</u> BTB 10 302 (A) Membrane Separation Technology BTB 10 302 (B) Environmental Engineering BTB 10 302 (C) Bioenergy Engineering

15) CONSTRUCTION ENGINEERING & MANAGEMENT

Centre of Examination: MES College of Engineering, Kuttipuram

Day & Date	Subject
Friday 3 rd January 2014	<u>Elective-IV</u> CEM 10 301 (A) Disaster Management CEM 10 301 (B) Materials Management CEM 10 301(C) GIS in Construction Engineering Management CEM 10 301 (D) Construction Project Management
Monday 6 th January 2014	<u>Elective-V</u> CEM 10 302 (A) Building Services CEM 10 302 (B) Resource Management & Control in Construction CEM 10 302 (C) Payment Construction Practice CEM 10 302 (D) Management Principles & Risk Analysis

16) EMBEDDED SYSTEMS

Centre of Examination: 1) Vedavyasa Engineering College, Karadparamba
2) NIELT, Calicut

Day & Date	Subject
Friday 3 rd January 2014	<u>Elective-IV</u> ES 10 301 (A) Mixed Signal System Design ES 10 301 (B) Electronics Instrumentation Design ES 10 301 (C) Robotics and Machine Vision
Monday 6 th January 2014	<u>Elective-V</u> ES 10 302 (A) Wireless Communication Systems ES 10 302 (B) Digital Communication ES 10 302 (C) VLSI Architecture & Design Methodologies

17) ELECTRONICS DESIGN TECHNOLOGY

Centre of Examination: 1) NIELT, Calicut

Day & Date	Subject
Friday 3 rd January 2014	<u>Elective-IV</u> EDT 11 301 (A) – Mixed Signal Systems Design EDT 11 301 (B) -Electronic Instrumentation Design EDT 11 301 (B) -Automotive Electronics
Monday 6 th January 2014	<u>Elective-V</u> EDT 11 302 (A)- wireless communication Systems EDT 11 302 (B) - Design of Switch –Mode Power Converters EDT 11 302 (B) - VLSI Signal Processing

18) ENERGY SYSTEMS

Centre of Examination: Nehru College of Engineering ,Pampady

Day & Date	Subject
Friday 3 rd January 2014	<u>Elective-IV</u> MES 10 301 (A) Optimization Techniques MES 10 301 (B) Theory of Combustion MES 10 301 (C) Energy Efficient Buildings
Monday 6 th January 2014	<u>Elective-V</u> MES 10 302 (A) Optimal Design of Heat Exchangers MES 10 302 (B) Soft Computing Techniques MES 10 302 (C) Nano Materials & Nano Technology

19) ENVIRONMENTAL ENGINEERING

Centre of Examination: Govt. Engineering College, Thrissur

Day & Date	Subject
Friday 3 rd January 2014	<u>Elective-IV</u> CEE 10 301 (A) Research Methodology CEE 10 301 (B) GIS & Remote Sensing CEE 10 301 (C) Numerical Methods
Monday 6 th January 2014	<u>Elective-V</u> CEE10 302 (A) Planning & Design of Environmental Facilities CEE10 302 (B) Environmental Registration CEE10 302 (C) Bio remediation principles & Application CEE10 302 (D) Environmental Biotechnology

20) POWER SYSTEM ENGINEERING

Centre of Examinations: Govt. Engineering College, Thrissur

Day & Date	Subject
Friday 3 rd January 2014	<u>Elective-IV</u> EPS 10 301 (A) Soft Computing Techniques EPS 10 301 (B) Research Methodologies EPS 10 301 (C) Energy Auditing & Management
Monday 6 th January 2014	<u>Elective-V</u> EPS 10 302 (A) Computer Networking EPS 10 302 (B) Power System Economics EPS 10 302 (C) Power System Monitoring & SCADA Systems

21) PROCESS CONTROL ENGINEERING (CHEMICAL ENGINEERING)

Centre of Examinations: Govt. Engineering College, Thrissur

Day & Date	Subject
Friday 3 rd January 2014	<u>Elective-IV</u> CPC 10 301 (A) Computational Flow Modeling CPC 10 301 (B) Process Safety Engineering CPC 10 301 (C) Research Methodology
Monday 6 th January 2014	<u>Elective-V</u> CPC 10 302 (A) Process Modeling & Simulation CPC 10 302 (B) Computational Methods for Process Design CPC 10 302 (C) Nano Material & Nano Technology

22) PRODUCTION ENGINEERING

Centre of Examinations: Govt. Engineering College, Thrissur

Day & Date	Subject
Friday 3 rd January 2014	<u>Elective-IV</u> MPE 10 301 (A) Advanced Finite Element Methods MPE 10 301 (B) Computational Fluid Dynamics MPE 10 301 (C) System Simulation & Modeling
Monday 6 th January 2014	<u>Elective-V</u> MPE 10 302 (A) Industrial Energy Management MPE 10 302 (B) Nano Technology MPE 10 302 (C) Optimization Techniques

23) COMMUNICATION ENGINEERING AND SIGNAL PROCESSING

Centre of Examinations: Govt. Engineering College, Thrissur

Day & Date	Subject
Friday 3 rd January 2014	<u>Elective-IV</u> ECS 10 301 (A) Signal Compression-Theory & Methods ECS 10 301 (B) Speech & Audio Processing ECS 10 301 (C) Biomedical Signal Processing ECS 10 301 (D) DSP Algorithm & Architecture
Monday 6 th January 2014	<u>Elective-V</u> ECS 10 302 (A) Linear System Theory ECS 10 302 (B) Linear & Non Linear Optimization ECS 10 302 (C) Transform Theory ECS 10 302 (D) Information Hiding & Data Encryption

24) MANUFACTURING SYSTEMS MANAGEMENT

Centre of Examinations: Govt. Engineering College, Thrissur

Day & Date	Subject
Friday 3 rd January 2014	<u>Elective-IV</u> PMS 10 301 (A) Research Methodology PMS 10 301 (B) Supply Chain Management Systems PMS 10 301 (C) Computer Networking PMS 10 301 (D) Advanced Optimization Techniques
Monday 6 th January 2014	<u>Elective-V</u> PMS 10 302 (A) Industrial Energy Management PMS 10 302 (B) Soft Computing Techniques PMS 10 302 (C) Advanced Maintenance Management PMS 10 302 (D) Product Lifecycle Management

25) WATER RESOURCES AND HYDRO INFORMATICS

Centre of Examinations: Govt. Engineering College, Thrissur

Day & Date	Subject
Friday 3 rd January 2014	<u>Elective-IV</u> CEH 10 301 (A) Research Methodology CEH 10 301 (B) Advanced Finite Element Analysis CEH 10 301 (C) Numerical Methods CEH 10 301 (D) Spatial Modeling of Urban Systems
Monday 6 th January 2014	<u>Elective-V</u> CEH 10 302 (A) Computational Fluid Dynamics CEH 10 302 (B) Soft Computing CEH 10 302 (C) Spatial Analysis in watershed Management CEH 10 302 (D) Artificial Neural Networks

26) INTERNAL COMBUSTION ENGINES AND TURBO MACHINERY

Centre of Examinations: Govt. Engineering College, Thrissur

Day & Date	Subject
Friday 3 rd January 2014	<u>Elective-IV</u> MIT10 301 (A) Advanced Finite Element Methods MIT 10 301 (B) Automotive Engine Systems MIT 10 301 (C) Research Methodology
Monday 6 th January 2014	<u>Elective-V</u> MIT 10 302 (A) Industrial Energy Management MIT 10 302 (B) Soft Computing Techniques MIT 10 302 (C) Optimization Techniques

Calicut University.PO
Dated: 18-12-2013

Sd/-
CONTROLLER OF EXAMINATIONS