#### UNIVERSITY OF CALICUT (Pareeksha Bhavan)

#### TIME TABLE FOR THE I SEMESTER M.TECH. ENGINEERING SUPPLEMENTARY EXAMINATION JANUARY 2016

| Time of Examination | : 1.30 pm to 4.30 pm (Except Friday) |
|---------------------|--------------------------------------|
|                     | : 2.00 pm to 5.00 pm (On Friday)     |

Maximum Marks : 100 each

Centre of Examination : Respective colleges

#### **1. ENVIRONMENTAL ENGINEERING**

| Day & Date                              | Subject                                 |
|---|---|
| Wednesday 13th January 2016             | CEE 10 101 Applied Statistics           |
| - the second                            |   |
| Friday 15 <sup>th</sup> January 2016    | CEE 10 102 Environmental Chemistry      |
|   |   |
| Monday 18 <sup>th</sup> January 2016    | CEE 10 103 Environmental Microbiology   |
|   |   |
| Wednesday 20 <sup>th</sup> January 2016 | CEE 10 104 Physicochemical Methods in   |
|   | Environmental Engineering               |
| Friday 22 <sup>nd</sup> January 2016    | Elective:                               |
|   | CEE 10 105 A Industrial Water Pollution |
|   | Control                                 |

## 2. COMPUTER SCIENCE AND ENGINEERING

| Wednesday 13th January 2016             | MCS 10 101 Advanced Mathematical                           |
|---|--|
|   | Structures   |
| Friday 15 <sup>th</sup> January 2016    | MCS 10 102 Operating System Design                         |
| Monday 18 <sup>th</sup> January 2016    | MCS 10 103 Database Design                                 |
| Wednesday 20 <sup>th</sup> January 2016 | MCS 10 104 Compiler Design                                 |
| Friday 22 <sup>nd</sup> January 2016    | Elective<br>MCS /MCL 10 105A Computational<br>Intelligence |

# **3. DIGITAL SIGNAL PROCESSING**

| Day and Date                         | Subject                                  |
|--------------------------------------|--|
| Friday 15 <sup>th</sup> January 2016 | DSP 10 102 DSP Algorithms & Architecture |
| Monday 18 <sup>th</sup> January 2016 | DSP / ESP 10 103 Random Process and      |
|                                      | Application                              |
| Wednesday 20th January 2016          | DSP 10 104 Multirate Signal Processing   |

## 4. COMMUNICATION ENGINEERING AND SIGNAL PROCESSING

| Day & Date                              | Subject                                  |
|---|--|
| Wednesday 13 <sup>th</sup> January 2016 | ECS 10 101 Mathematics for Communication |
|   | Engineering                              |

#### **5. INTERNAL COMBUSTION ENGINES AND TURBO MACHINERY**

| Day & Date                              | Subject                              |
|---|--------------------------------------|
| Friday 15 <sup>th</sup> January 2016    | MIT 10 102 Advanced Thermodynamics & |
|   | Combustion                           |
| Wednesday 20 <sup>th</sup> January 2016 | MIT 10 104 Advanced Heat and Mass    |
|   | Transfer                             |

## 6. APPLIED ELECTRONICS AND COMMUNICATION SYSTEM

| Day and Date                            | Subject                                  |
|---|--|
| Wednesday 13th January 2016             | EAC 10 101 Mathematics for Communication |
|   | Engineering                              |
| Monday 18 <sup>th</sup> January 2016    | EAC 10 103 Advanced Digital              |
|   | Communication                            |
| Wednesday 20 <sup>th</sup> January 2016 | EAC 10 104 System Design Using Embedded  |
|   | Processors                               |

#### 7. EMBEDDED SYSTEMS

| Day & Date                              | Subject                                  |
|---|--|
| Friday 15 <sup>th</sup> January 2016    | ES 10 102 Advanced Digital System Design |
|   | (Common to EDT 11 102)                   |
| Monday 18 <sup>th</sup> January 2016    | ES 10 103 Embedded Programming           |
|   | (Common to EDT 11 105A)                  |
| Wednesday 20 <sup>th</sup> January 2016 | ES 10 104 Advanced Engineering           |
|   | Mathematics                              |
| Friday 22 <sup>nd</sup> January 2016    | ES 10 105 A Electronic System Design     |
|   | (Common to EDT 11 103)                   |
|   |  |

### 8. ELECTRONIC DESIGN TECHNOLOGY

| Day & Date   | Subject                                       |
|--|---|
| Friday 15 <sup>th</sup> January 2016                   | EDT 11 102 Advanced Digital System Design     |
|  | (Common to ES 10 102)                         |
| Friday 22 <sup>nd</sup> January 2016                   | EDT 11 103 Electronic System Design           |
|  | (Common to ES 10 105A)                        |
| 9. COMPUTER AIDED PROCESS DESIGN (CHEMICALENGINEERING) |   |
| Day and Date   | Subject                                       |
| Monday 18 <sup>th</sup> January 2016                   | CPD 11 103 Process Equipment Design-II        |
| Friday 22 <sup>nd</sup> January 2016                   | Elective:<br>CPD 11 105A Process Optimization |

#### **10. COMMUNICATION ENGINEERING**

| Day and Date                            | Subject                                 |
|---|---|
| Wednesday 13th January 2016             | ECE 10 101 Probability & Stochastic     |
|   | Processes                               |
| Friday 15 <sup>th</sup> January 2016    | ECE 10 102 Digital Communication        |
|   | Techniques                              |
| Monday 18 <sup>th</sup> January 2016    | ECE 10 103 Wireless Mobile Networks     |
|   |   |
| Wednesday 20 <sup>th</sup> January 2016 | ECE 10 104 Advanced Digital Signal      |
|   | Processing                              |
| Friday 22 <sup>nd</sup> January 2016    | <u>Elective</u> :                       |
|   |   |
|   | ECE 10 105D Advances in Data & Computer |
|   | Communications                          |

#### **11. GEO TECHNICAL ENGINEERING**

| Day and Date                         | Subject                              |
|--------------------------------------|--------------------------------------|
| Wednesday 13th January 2016          | CEG 10 101 Advanced Engineering      |
|                                      | Mathematics                          |
| Monday 18 <sup>th</sup> January 2016 | CEG 10 103 Finite Element Method for |
|                                      | Geomechanics                         |

# **12. INSTRUMENTATION AND CONTROL SYSTEMS**

| Day and Date                            | Subject                        |
|---|--------------------------------|
| Wednesday 13 <sup>th</sup> January 2016 | EIC 11 101 Applied Mathematics |

#### **13. ENERGY SYSTEMS ANALYSIS AND DESIGN**

| Day and Date                         | Subject                             |
|--------------------------------------|-------------------------------------|
| Wednesday 13th January 2016          | MEA 10 101 Advanced Engineering     |
|                                      | Mathematics                         |
| Friday 15 <sup>th</sup> January 2016 | MEA 10 102 Energy Conversion        |
|                                      | Systems                             |
| Monday 18 <sup>th</sup> January 2016 | MEA 10 103 Advanced Fluid Mechanics |
|                                      | and Heat Transfer                   |
| Wednesday 20th January 2016          | MEA 10 104 Turbo Machinery          |
| Friday 22 <sup>nd</sup> January 2016 | MEA 10 105A Computational Methods   |

## **14. CONSTRUCTION ENGINEERING & MANAGEMENT**

| Day & Date                              | Subject   |
|---|---|
| Wednesday 13 <sup>th</sup> January 2016 | CEM 10 101 Applied Statistics and Queuing<br>Theory                 |
| Friday 15 <sup>th</sup> January 2016    | CEM 10 102 Modern Construction Materials,<br>Methods and Equipments |
| Monday 18 <sup>th</sup> January 2016    | CEM 10 103 Quality Control & Project Safety<br>Management           |
| Wednesday 20 <sup>th</sup> January 2016 | CEM 10 104 Contract Laws & Regulations                              |
| Friday 22 <sup>nd</sup> January 2016    | Elective:<br>CEM 10 105-B Advanced Concrete<br>Technology           |

#### 15. ENERGY SYSTEMS

| Day & Date                              | Subject  |
|---|--|
| Wednesday 13 <sup>th</sup> January 2016 | MES 10 101 Applied Mathematics                       |
| Friday 15 <sup>th</sup> January 2016    | MES 10 102 Advanced Energy Conversion<br>Systems     |
| Wednesday 20 <sup>th</sup> January 2016 | MES 10 104 Electrical Energy Systems &<br>Management |
| Friday 22 <sup>nd</sup> January 2016    | Electives:<br>MES 10 105 C Advanced Instrumentation  |

# **16. INDUSTRIAL BIOTECHNOLOGY**

| Day & Date                              | Subject                              |
|---|--------------------------------------|
| Wednesday 13 <sup>th</sup> January 2016 | IBT 10 101 Optimization Techniques & |
|   | Numerical Methods                    |

### 17. COMPUTER INTEGRATED MANUFACTURING (MECHANICAL)

| Day and Date                         | Subject  |
|--------------------------------------|--|
| Friday 22 <sup>nd</sup> January 2016 | MCM 10 108 Finite Element Analysis Manufacturing |

# 18. POWER SYSTEMS

| Day and Date                            | Subject  |
|---|--|
| Wednesday 13 <sup>th</sup> January 2016 | EPS 10 101 Applied Mathematics                         |
| Friday 15 <sup>th</sup> January 2016    | EPS 10 102 System Dynamics                             |
| Wednesday 20 <sup>th</sup> January 2016 | EPS 10 104 Advanced Topics in Power System<br>Analysis |

## 19. POWER ELECTRONICS

| Day and Date                            | Subject                        |
|---|--------------------------------|
| Wednesday 13 <sup>th</sup> January 2016 | EPE 10 101 Applied Mathematics |

Calicut University.PO Dated: 21-12-2015

Sd/-CONTROLLER OF EXAMINATIONS