



# GOA UNIVERSITY

Established by State Legislature by Notification No.LD/10/7/84 (D) of 1984.

Taleigao Plateau, Goa – 403 206 INDIA.

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Ref. No: GU/Exam(Prof)/2023-2024/1019

Date: 21/11/2023

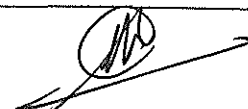
## **PROGRAMME OF THE M.E. FOUNDATION ENGINEERING, SEMESTER I, II AND III EXAMINATIONS TO BE HELD IN DEC 2023/Jan 2024 (REVISED COURSE)**

**Centre :** Goa College of Engineering, Farmagudi, Ponda – Goa.

**Time :** 2.00 p.m. to 5.00 p.m.

| <b>Date / (Exam Day)</b> | <b>Semester I</b>  | <b>Semester II</b>  | <b>Semester III</b>  |
|--------------------------|--|---|--|
| Monday<br>18-12-2023     | -----  | Deep Foundations  | -----  |
| Thursday<br>21-12-2023   | -----  | Soil Dynamics & Machine<br>Foundations  | -----  |
| Tuesday<br>02-01-2024    | -----  | FEM in Geotechnical<br>Engineering  | -----  |
| Friday<br>05-01-2024     | -----  | Marine Geotechnical<br>Engineering  | -----  |
| Monday<br>08-01-2024     | -----  | <b>Elective-II:</b><br>(i) Re-inforced Earth and<br>Geosynthetics<br>(ii) Earth Dam Engineering | -----  |
| Thursday<br>18-01-2024   | -----  | -----   | <b>Elective-III:</b><br>Geotechnical Earthquake<br>Engineering |
| Monday<br>22-01-2024     | Advanced Soil Mechanics  | -----   | -----  |
| Thursday<br>25-01-2024   | Rock Mechanics   | -----   | -----  |
| Monday<br>29-01-2024     | Ground Improvement<br>Techniques   | -----   | -----  |
| Thursday<br>01-02-2024   | Shallow Foundations  | -----   | -----  |
| Monday<br>05-02-2024     | <b>EL I :</b> i) Engineering Geology<br>ii) Soil exploration & field testing | -----   | -----  |

**To,**  
**The Principal, Goa College of Engineering, Farmagudi- Goa**

  
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Ref. No: GU/Exam(Prof)/2023-2024/1014

Date: 21/11/2023

### **PROGRAMME OF THE M.E. (ETC) MICROELECTRONICS, SEMESTER I, II AND III EXAMINATIONS TO BE HELD IN Dec 2023/Jan-2024 (REVISED COURSE)**

Centre :Goa College of Engineering, Farmagudi, Ponda - Goa.

Time : 2.00 p.m. to 5.00 p.m.

| Date/(Exam Day)        | Semester I                                     | Semester II                                     | Semester III   |
|------------------------|--|---|--|
| Monday<br>18-12-2023   | -----  | ASIC Design & FPGA                              | -----  |
| Thursday<br>21-12-2023 | -----  | Digital Signal Processors &<br>Embedded Systems | -----  |
| Tuesday<br>02-01-2024  | -----  | Processor Architecture &<br>Parallel Processing | -----  |
| Friday<br>05-01-2024   | -----  | Design for Testability & E-<br>Waste Management | -----  |
| Monday<br>08-01-2024   | -----  | Memory Design                                   | -----  |
| Thursday<br>11-01-2024 | -----  | -----   | <b>Elective 1</b> : (i) System on Chip<br>(ii) Process and Device Charact &<br>Measurements (iii) Image Processing |
| Thursday<br>18-01-2024 | -----  | -----   | <b>Elective 2</b> : i)TCP/IP and Implementation of a<br>Network IP on FPGA<br>(ii) Sensors in Instrumentation      |
| Monday<br>22-01-2024   | Advance Engineering<br>Mathematics             | -----   | -----  |
| Thursday<br>25-01-2024 | Digital VLSI Design                            | -----   | -----  |
| Monday<br>29-01-2024   | VLSI Technology                                | -----   | -----  |
| Thursday<br>01-02-2024 | Solid State Devices &<br>Semiconductor Physics | -----   | -----  |
| Monday<br>05-02-2024   | Analog VLSI Design                             | -----   | -----  |

  
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Ref. No: GU/Exam(Prof)/2023-24/1019

Date: 21/11/2023

**PROGRAMME OF THE M.E. COMPUTER SCIENCE AND ENGINEERING, SEMESTER I, II AND III EXAMINATIONS TO BE HELD IN Dec 2023/Jan 2024 (REVISED COURSE)**

Centre :Goa College of Engineering, Farmagudi, Ponda - Goa.

Time :2.00 p.m. to 5.00 p.m.

| Date / (Exam Day)      | Semester I                                 | Semester II   | Semester III  |
|------------------------|--|---|---|
| Monday<br>18-12-2023   | -----                                      | Design and Analysis of<br>Computer Networks                       | ----  |
| Thursday<br>21-12-2023 | -----                                      | Advanced Concepts in<br>Database Systems                          | ----  |
| Tuesday<br>02-01-2024  | -----                                      | Advanced Software Engineering                                     | ----  |
| Friday<br>05-01-2024   | -----                                      | Elective III: Pattern<br>Recognition                              | -----   |
| Monday<br>08-01-2024   | -----                                      | <b>Elective IV:</b> 1) Image<br>Processing<br>2) Mobile Computing | ----  |
| Thursday<br>11-01-2024 | -----                                      | -----   | Advanced Compiler Design                                |
| Thursday<br>18-01-2024 | -----                                      | -----   | <b>Elective V:</b> Cryptography and<br>Network Security |
| Monday<br>22-01-2024   | Advances in Computer<br>Architecture       | -----   | ----  |
| Thursday<br>25-01-2024 | Distributed Operating Systems              | -----   | -----   |
| Monday<br>29-01-2024   | Advanced Data Structures and<br>Algorithms | -----   | ----  |
| Thursday<br>01-02-2024 | Elective I: Machine Learning               | -----   | -----   |
| Monday<br>05-02-2024   | Elective II: Data Mining                   | -----   | -----   |

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Ref. No: GU/Exam(Prof)/2023-2024/1013

Date: 21/11/2023


### **PROGRAMME OF THE M.E. (ETC) ELECTRONICS COMMUNICATION & INSTRUMENTATION, SEMESTER I, II AND III EXAMINATIONS TO BE HELD in Dec 2023/ Jan-2024 (REVISED COURSE)**

Centre :Goa College of Engineering, Farmagudi, Ponda – Goa.

Time : 2.00 p.m. to 5.00 p.m.

| Date/(Exam Day)        | Semester I                                     | Semester II                                     | Semester III  |
|------------------------|--|---|---|
| Monday<br>18-12-2023   | -----  | Microwave Integrated<br>Circuits                | -----   |
| Thursday<br>21-12-2023 | -----  | Digital Signal Processors<br>& Embedded Systems | -----   |
| Tuesday<br>02-01-2024  | -----  | Adaptive Signal<br>Processing                   | -----   |
| Friday<br>05-01-2024   | -----  | Information Theory &<br>Coding                  | -----   |
| Monday<br>08-01-2024   | -----  | Biomedical<br>Instrumentation                   | -----   |
| Thursday<br>11-01-2024 | -----  | -----   | <b>Elective 1:</b> (i) Image Processing<br>(ii)Error Correcting Codes   |
| Thursday<br>18-01-2024 | -----  | -----   | <b>Elective 2:</b> (i) Sensors in Instrumentation<br>(ii)Radar Systems Engineering<br>(iii)Electromagnetic Interference and<br>Electromagnetic Compatibility ---- |
| Monday<br>22-01-2024   | Advance Engineering<br>Mathematics             | -----   | -----   |
| Thursday<br>25-01-2024 | Control System Analysis<br>and Design          | -----   | -----   |
| Monday<br>29-01-2024   | Fiber Optic<br>Communication                   | -----   | -----   |
| Thursday<br>01-02-2024 | Solid State Devices &<br>Semiconductor Physics | -----   | -----   |
| Monday<br>05-02-2024   | Introduction to MEMS                           | -----   | -----   |

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Ref. No: GU/Exam(Prof)/2023-2024/1019

Date: 21/11/2023

**PROGRAMME OF THE M.E. INDUSTRIAL ENGINEERING, SEMESTER I, II, III, IV AND V EXAMINATIONS  
TO BE HELD IN DEC 2023/JAN 2024**

Centre :Goa College of Engineering, Farmagudi, Ponda – Goa.

Time : 2:00p.m to 5.00 p.m.

| Day and date           | Semester I   | Semester II                                      | Semester III  | Semester IV  | Semester V  |
|------------------------|--|--|---|--|---|
| Tuesday<br>02-01-2024  | -----  | Applied Operations<br>Research                   | -----   | <b>Elective II:-</b><br>Supply Chain<br>Management | -----   |
| Friday<br>05-01-2024   | -----  | Operations<br>Management                         | -----   | Maintenance<br>Engineering &<br>Management         | -----   |
| Monday<br>08-01-2024   | -----  | -----  | Quality and<br>Reliability  | -----  | -----   |
| Thursday<br>11-01-2024 | -----  | -----  | -----   | -----  | <b>Elective III: System<br/>Simulation &amp; Modeling</b> |
| Monday<br>15-01-2024   | -----  | -----  | Work System<br>Design   | -----  | -----   |
| Thursday<br>18-01-2024 | -----  | -----  | <b>Elective I:-</b><br>(i) Energy<br>Management<br>ii)Marketing<br>Management | -----  | -----   |
| Monday<br>22-01-2024   | Engineering<br>Statistics                                  | -----  | -----   | -----  | -----   |
| Monday<br>29-01-2024   | -----  | Computer Methods<br>in Industrial<br>Engineering | -----   | -----  | -----   |
| Monday<br>05-02-2024   | Principles of<br>Industrial<br>Engineering &<br>Management | -----  | -----   | -----  | -----   |

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Ref. No: GU/Exam(Prof)/2023-2024/1019

Date: 21/11/2023

## **PROGRAMME OF THE M.E. (ETC) INDUSTRIAL AUTOMATION AND RADIO FREQUENCY ENGINEERING, SEMESTER I, II AND III**

### **EXAMINATIONS TO BE HELD IN DEC 2023/JAN-2024 (REVISED COURSE)**

Centre :Goa College of Engineering, Farmagudi, Ponda - Goa.

Time : 2.00 p.m. to 5.00 p.m.

| Date/(Exam Day)        | Semester I                          | Semester II   | Semester III   |
|------------------------|-------------------------------------|---|--|
| Monday<br>18-12-2023   | -----                               | Industrial Data<br>Networks                         | -----  |
| Thursday<br>21-12-2023 | -----                               | Microwave Engineering                               | -----  |
| Tuesday<br>02-01-2024  | -----                               | Microwave Electronics<br>& Semiconductor<br>Devices | -----  |
| Friday<br>05-01-2024   | -----                               | Embedded System &<br>Parallel Processing            | -----  |
| Monday<br>08-01-2024   | -----                               | Industrial Management                               | -----  |
| Thursday<br>11-01-2024 | -----                               | -----   | <b>Elective I:</b> (i) Radar System Engineering<br>(ii) Logic & Distributed Control Systems<br>(iii) Instrumentation System Design                     |
| Thursday<br>18-01-2024 | -----                               | -----   | <b>Elective II:</b> (i) Sensors in Instrumentation<br>(ii) Image Processing<br>(iii) Electromagnetic Interference and<br>Electromagnetic Compatibility |
| Monday<br>22-01-2024   | Electromagnetic Field<br>Theory     | -----   | -----  |
| Thursday<br>25-01-2024 | Control System Analysis &<br>Design | -----   | -----  |
| Monday<br>29-01-2024   | Robotics and Automation             | -----   | -----  |
| Thursday<br>01-02-2024 | Radiating Systems                   | -----   | -----  |
| Monday<br>05-02-2024   | Industrial Drives &<br>Control      | -----   | -----  |

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Date: 21/11/2023

### **PROGRAMME OF THE M.E. INFORMATION TECHNOLOGY AND ENGINEERING, SEMESTER I, II AND III EXAMINATIONS TO BE HELD IN DEC 2023/Jan -2024**

Centre :Goa College of Engineering, Farmagudi, Ponda - Goa.

Time : 2.00 p.m. to 5.00 p.m.

| Date /(Exam Day)       | Semester I                                   | Semester II                              | Semester III  |
|------------------------|--|--|---|
| Monday<br>18-12-2023   | -----  | Research Methodology                     | -----   |
| Thursday<br>21-12-2023 | -----  | Security in Constrained Networks         | ----  |
| Tuesday<br>02-01-2024  | -----  | Computational Theory and Algorithms      | -----   |
| Friday<br>05-01-2024   | -----  | Techniques in Optimization               |   |
| Monday<br>08-01-2024   |  | <b>Elective-II</b><br>(i)Cloud Computing | ----  |
| Thursday<br>11-01-2024 | -----  | -----                                    | Pattern Recognition   |
| Thursday<br>18-01-2024 | -----  | -----                                    | <b>Elective-III</b><br>i)Cyber Crime and Computer Forensics |
| Monday<br>22-01-2024   | Mathematical Foundations of Computer Science | -----                                    | -----   |
| Thursday<br>25-01-2024 | Advanced Data Structures                     |  | -----   |
| Monday<br>29-01-2024   | Intelligent and Learning Systems             | -----                                    | -----   |
| Thursday<br>01-02-2024 | Constrained Networks                         | -----                                    | -----   |
| Monday<br>05-02-2024   | <b>Elective-I</b><br>(i) Soft Computing      | -----                                    | -----   |

  
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Ref. No: GU/Exam(Prof)/2023-2024/1019

Date: 2/11/2023

**PROGRAMME OF THE M.E. POWER AND ENERGY SYSTEM ENGINEERING, SEMESTER I EXAMINATIONS TO BE HELD IN DEC 2023 Jan-2024 (REVISED 23-24 COURSE) Three Years Course**

**Centre :**Goa College of Engineering, Farmagudi, Ponda – Goa.

**Time :** 2.00 p.m. to 5.00 p.m.

| <b>Date /<br/>(Exam Day)</b> | <b>Semester I</b>  |
|------------------------------|--|
| Monday<br>22-01-2024         | Advanced Power Electronics   |
| Thursday<br>25-01-2024       | -----  |
| Monday<br>29-01-2024         | Non Conventional Energy Sources                                      |
| Thursday<br>01-02-2024       | -----  |
| Monday<br>05-02-2024         | <b>Program Elective I:-</b><br>High Voltage Measurements and Testing |

  
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Ref. No: GU/Exam(Prof)/2023-24/1019

Date 21/12/2023

**PROGRAMME OF THE M.E. CIVIL ENGINEERING (STRUCTURAL ENGINEERING) SEMESTER I, II, IV**  
**EXAMINATION TO BE HELD IN DEC 2023/Jan 2024**

Centre :Goa College of Engineering, Farmagudi, Ponda - Goa.

Time : 2.00 p.m. to 5.00 p.m.

| Date / (Exam Day)      | Semester I   | Semester II  | Semester IV  |
|------------------------|--|--|--|
| Monday<br>18-12-2023   | -----  | Theory of Plates and Shells  | -----  |
| Thursday<br>21-12-2023 | -----  | Advanced Design of Concrete Structures                             | -----  |
| Tuesday<br>02-01-2024  | -----  | Structural Dynamics and Earthquake Engineering                     | -----  |
| Friday<br>05-01-2024   | -----  | Advanced Design of Steel Structures                                | -----  |
| Monday<br>08-01-2024   | -----  | <b>Elective-II</b><br>i) Design of prestressed Concrete structures | -----  |
| Thursday<br>11-01-2024 | -----  | -----  | <b>ELECTIVE III:</b><br>Experimental methods in Structural Engineering |
| Monday<br>22-01-2024   | Finite Element Techniques  | -----  | -----  |
| Thursday<br>25-01-2024 | Advanced Structural Analysis and Computer Applications                                       | -----  | -----  |
| Monday<br>29-01-2024   | Computational Methods and Numerical Techniques   | -----  | -----  |
| Thursday<br>01-02-2024 | Design of sub structures   | -----  | -----  |
| Monday<br>05-02-2024   | <b>Elective-I</b><br>i) Theory of Elasticity<br>ii) Repairs and Rehabilitation of Structures | -----  | -----  |

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**PROGRAMME OF THE M.E. FOUNDATION ENGINEERING, SEMESTER I EXAMINATIONS TO BE HELD IN DEC 2023/JAN 2024**  
**(REVISED 23-24 COURSE)**

**Centre :** Goa College of Engineering, Farmagudi, Ponda – Goa.

**Time :** 2.00 p.m. to 4.30 p.m.

| <b>Date /<br/>(Exam Day)</b> | <b>Semester I</b>  |
|------------------------------|--|
| Monday<br>22-01-2024         | Advanced Soil Mechanics  |
| Thursday<br>25-01-2024       | Advanced Foundation Engineering  |
| Monday<br>29-01-2024         | <b>Program Elective I:-</b><br>Advances in Ground Improvement Techniques     |
| Thursday<br>01-02-2024       | <b>Program Elective II :-</b><br>Stability Analysis of Slopes and Landslides |
| Monday<br>05-02-2024         | <b>General topic/Elective:-</b> Research Methodology and IPR                 |

  
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