



# 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 / 697

Date: 06/06/2023

## PROGRAMME OF THE M.E. POWER AND ENERGY SYSTEM ENGINEERING, SEMESTER I, II AND III EXAMINATIONS TO BE HELD IN JULY 2023 (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 03-07-2023	-----	-----	Power Electronics Interface for Renewable Energy Systems
Wednesday 05-07-2023	Non Conventional Energy Systems	-----	----
Friday 07-07-2023	-----	Solid State AC/DC Drives	----
Saturday 08-07-2023	-----	-----	<b>Elective - V</b> High Voltage Testing and Measurements
Monday 10-07-2023	Advanced Power Electronics	-----	----
Wednesday 12-07-2023	----	Restructured Power Systems	-----
Friday 14-07-2023	Computer aided Power System Analysis	-----	-----
Monday 17-07-2023	-----	Energy Auditing & Management	----
Wednesday 19-07-2023	<b>EL I:</b> Optimization Techniques	-----	----
Friday 21-07-2023	-----	Elective - III Flexible AC Transmission System	-----
Monday 24-07-2023	<b>Elective - II</b> DSP application to Power System	-----	----
Wednesday 26-07-2023	-----	<b>Elective - IV</b> Power Quality Assessment and Mitigation	----

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

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Ref. No: GU/Exam(Prof)/2023 /697

Date: 06/06/2023

## PROGRAMME OF THE M.E. COMPUTER SCIENCE AND ENGINEERING, SEMESTER I, II AND III EXAMINATIONS TO BE HELD IN JULY 2023 (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 03-07-2023	-----	-----	Advanced Compiler Design
Wednesday 05-07-2023	Advances in Computer Architecture	-----	----
Friday 07-07-2023	-----	Design and Analysis of Computer Networks	----
Saturday 08-07-2023	----	-----	Elective V: Cryptography and Network Security
Monday 10-07-2023	Distributed Operating Systems	-----	----
Wednesday 12-07-2023	-----	Advanced Concepts in Database Systems	-----
Friday 14-07-2023	Advanced Data Structures and Algorithms	-----	-----
Monday 17-07-2023	-----	Advanced Software Engineering	----
Wednesday 19-07-2023	Elective I: Machine Learning	----	-----
Friday 21-07-2023	-----	Elective III: 1)Pattern Recognition 2) Web Technology and E-Commerce	----
Monday 24-07-2023	Elective II: Data Mining	-----	-----
Wednesday 26-07-2023	-----	Elective IV: 1) Image Processing 2)Mobile Computing	-----

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Ref. No: GU/Exam(Prof)/2023/ 697

Date: 06/06/2023

**PROGRAMME OF THE M.E. (ETC) ELECTRONICS COMMUNICATION & INSTRUMENTATION, SEMESTER I, II AND III EXAMINATIONS TO BE HELD in JULY 2023 (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 03-07-2023	-----	-----	<b>Elective 1:</b> (i) Image Processing (ii)Error Correcting Codes iii) Power Electronics
Wednesday 05-07-2023	Advance Engineering Mathematics	-----	----
Friday 07-07-2023	-----	Microwave Integrated Circuits	----
Saturday 08-07-2023	----	-----	<b>Elective 2:</b> (i) Sensors in Instrumentation (ii)Radar Systems Engineering (iii)Electromagnetic Interference and Electromagnetic Compatibility ----
Monday 10-07-2023	Control System Analysis and Design	-----	----
Wednesday 12-07-2023	-----	Digital Signal Processors & Embedded Systems	-----
Friday 14-07-2023	Fiber Optic Communication	-----	-----
Monday 17-07-2023	-----	Adaptive Signal Processing	-----
Wednesday 19-07-2023	Solid State Devices & Semiconductor Physics	----	-----
Friday 21-07-2023	-----	Information Theory & Coding	-----
Monday 24-07-2023	Introduction to MEMS	-----	-----
Wednesday 26-07-2023	-----	Biomedical Instrumentation	-----

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Ref. No: GU/Exam(Prof)/2023/ 697

Date: 06/06/2023

## **PROGRAMME OF THE M.E. FOUNDATION ENGINEERING, SEMESTER I, II AND III EXAMINATIONS TO BE HELD IN JULY 2023 (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 03-07-2023	----	-----	<b>Elective-III:</b> Geotechnical Earthquake Engineering
Wednesday 05-07-2023	Advanced Soil Mechanics	-----	----
Friday 07-07-2023	----	Deep Foundations	----
Monday 10-07-2023	<b>EL I :</b> i)Engineering Geology ii)Soil exploration & field testing	-----	----
Wednesday 12-07-2023	----	Soil Dynamics & Machine Foundations	----
Friday 14-07-2023	Rock Mechanics	----	---
Monday 17-07-2023	-----	FEM in Geotechnical Engineering	----
Wednesday 19-07-2023	Ground Improvement Techniques	----	-----
Friday 21-07-2023	-----	<b>Elective-II:</b> (i) Re-inforced Earth and Geosynthetics (ii) Earth Dam Engineering	----
Monday 24-07-2023	Shallow Foundations	----	----
Wednesday 26-07-2023	-----	Marine Geotechnical Engineering	-----

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Ref. No: GU/Exam(Prof)/2023/ 697

Date: 06/06/2023

**PROGRAMME OF THE M.E. (ETC) INDUSTRIAL AUTOMATION AND RADIO FREQUENCY ENGINEERING, SEMESTER I, II AND III  
 EXAMINATIONS TO BE HELD IN JULY 2023 (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 03-07-2023	-----	-----	<b>Elective I:</b> (i) Radar System Engineering (ii) Logic & Distributed Control Systems
Wednesday 05-07-2023	Electromagnetic Field Theory	-----	----
Friday 07-07-2023	-----	Industrial Data Networks	----
Saturday 08-07-2023	----	-----	<b>Elective II:</b> (i) Sensors in Instrumentation (ii) Image Processing (iii) Electromagnetic Interference and Electromagnetic Compatibility
Monday 10-07-2023	Control System Analysis & Design	-----	----
Wednesday 12-07-2023	----	Microwave Engineering	-----
Friday 14-07-2023	Robotics and Automation	----	-----
Monday 17-07-2023	-----	Microwave Electronics & Semiconductor Devices	-----
Wednesday 19-07-2023	Radiating Systems	----	-----
Friday 21-07-2023	-----	Embedded System & Parallel Processing	----
Monday 24-07-2023	Industrial Drives & Control	----	----
Wednesday 26-07-2023	-----	Industrial Management	-----

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Ref. No: GU/Exam(Prof)/2023/697

Date: 06/06/2023

### PROGRAMME OF THE M.E. INDUSTRIAL ENGINEERING, SEMESTER I, II, III, IV AND V EXAMINATIONS TO BE HELD IN JULY 2023

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
Monday 03-07-2023	-----	-----	Work System Design	-----	----
Wednesday 05-07-2023	Engineering Statistics	-----	----	-----	----
Friday 07-07-2023	----	Applied Operations Research	-----	-----	----
Saturday 08-07-2023	----	----	Quality and Reliability	-----	-----
Monday 10-07-2023	Principles of Industrial Engineering & Management	-----	-----	Elective II : Supply Chain Management	----
Wednesday 12-07-2023	-----	Computer Methods in Industrial Engineering	-----	----	----
Friday 14-07-2023	-----	----	----	----	Elective III: System Simulation & Modeling
Monday 17-07-2023	-----	Operations Management	----	-----	----

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Date: /06/2023

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

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

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

Wednesday 19-07-2023	-----	-----	<b>ELECTIVE I: Energy Management</b>	-----	-----
Friday 21-07-2023	-----	-----	-----	<b>Maintenance Engineering &amp; Management</b>	-----

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Date: 06/06/2023

## PROGRAMME OF THE M.E. INFORMATION TECHNOLOGY AND ENGINEERING, SEMESTER I, II AND III EXAMINATIONS TO BE HELD IN JULY 2023

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 03-07-2023	-----	-----	Pattern Recognition
Wednesday 05-07-2023	Mathematical Foundations of Computer Science	-----	----
Friday 07-07-2023	-----	Research Methodology	-----
Saturday 08-07-2023	-----	-----	<b>Elective-III</b> i)Cyber Crime and Computer Forensics
Monday 10-07-2023	Advanced Data Structures	-----	----
Wednesday 12-07-2023	-----	Security in Constrained Networks	-----
Friday 14-07-2023	Intelligent and Learning Systems	-----	-----
Monday 17-07-2023	-----	Computational Theory and Algorithms	-----
Wednesday 19-07-2023	Constrained Networks	-----	----
Friday 21-07-2023	-----	Techniques in Optimization	-----
Monday 24-07-2023	<b>Elective-I</b> (i) Soft Computing	-----	-----
Wednesday 26-07-2023	-----	<b>Elective-II</b> Cloud Computing	-----

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Date: 06/06/2023


## **PROGRAMME OF THE M.E. (ETC) MICROELECTRONICS, SEMESTER I, II AND III EXAMINATIONS TO BE HELD IN JULY 2023 (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 03-07-2023	----	----	<b>Elective 1</b> : (i) System on Chip (ii) Process and Device Charact & Measurements (iii) Image Processing iv)Microwave Integrated Circuits
Wednesday 05-07-2023	Advance Engineering Mathematics	----	----
Friday 07-07-2023	-----	ASIC Design & FPGA	----
Saturday 08-07-2023	----	----	<b>Elective 2</b> :(i)TCP/IP and Implementation of a Network IP on FPGA (ii) Sensors in Instrumentation (iii)Electromagnetic Interference and Electromagnetic Compatibility
Monday 10-07-2023	Digital VLSI Design	----	----
Wednesday 12-07-2023	----	Digital Signal Processors & Embedded Systems	----
Friday 14-07-2023	VLSI Technology	----	----
Monday 17-07-2023	----	Processor Architecture & Parallel Processing	----
Wednesday 19-07-2023	Solid State Devices & Semiconductor Physics	-----	----
Friday 21-07-2023	----	Design for Testability & E- Waste Management	----
Monday 24-07-2023	Analog VLSI Design	----	----
Wednesday 26-07-2023	----	Memory Design	----

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Date: 06/06/2023

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

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 03-07-2023	-----	-----	ELECTIVE III: Experimental methods in Structural Engineering
Wednesday 05-07-2023	Finite Element Techniques	-----	-----
Friday 07-07-2023	-----	Theory of Plates and Shells	-----
Monday 10-07-2023	Advanced Structural Analysis and Computer Applications	-----	-----
Wednesday 12-07-2023	-----	Advanced Design of Concrete Structures	-----
Friday 14-07-2023	Computational Methods and Numerical Techniques	-----	-----
Monday 17-07-2023	-----	Structural Dynamics and Earthquake Engineering	-----
Wednesday 19-07-2023	Design of sub structures	-----	-----
Friday 21-07-2023	-----	Advanced Design of Steel Structures	-----
Monday 24-07-2023	<b>Elective-I</b> i) Theory of Elasticity ii) Repairs and Rehabilitation of Structures	-----	-----
Wednesday 26-07-2023	-----	<b>Elective-II</b> i) Design of Tall structures ii) Design of prestressed Concrete structures	-----

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

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