



# GOA UNIVERSITY

Sub. P.O. Goa University, Taleigao Plateau, Goa - 403 206

Tel: 0832-8669609034 (AR) 8669609037(Office)

Fax: 0832-2456108 E-mail: arexamprof@unigoa.ac.in

Ref No.: GU/Exam(Prof)/B.E/2022/401

Date: 05/12/2022

**Programme of the F.E. Semester-I (Revised Course 2019-2020) Examination  
to be held in January/February, 2023.**

SUBJECT	DAY & DATE	TIME	DURATION
Mathematics - I	MONDAY 30/01/2023	9.30 a.m. to 12.30 p.m.	3 hours
Physics	THURSDAY 02/02/2023	9.30 a.m. to 12.30 p.m.	3 hours
Chemistry	SATURDAY 04/02/2023	9.30 a.m. to 12.30 p.m.	3 hours
Basic Electrical & Electronics Engineering	MONDAY 06/02/2023	9.30 a.m. to 12.30 p.m.	3 hours
Basics of Mechanical Engineering	WEDNESDAY 08/02/2023	9.30 a.m. to 12.30 p.m.	3 hours

CONTROLLER OF EXAMINATIONS



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Ref No.: GU/Exam(Prof)/B.E/2022/40

Date: 05/12/2022

**Programme of the F.E. Semester-II (Revised Course 2019-2020) Examination  
to be held in January/February, 2023.**

SUBJECT	DAY & DATE	TIME	DURATION
Mathematics – II	WEDNESDAY 01/02/2023	9.30 a.m. to 12.30 p.m.	3 hours
Physics	THURSDAY 02/02/2023	9.30 a.m. to 12.30 p.m.	3 hours
Chemistry	SATURDAY 04/02/2023	9.30 a.m. to 12.30 p.m.	3 hours
Computer Programming	TUESDAY 07/02/2023	9.30 a.m. to 12.30 p.m.	3 hours
Introduction to Civil Engineering	THURSDAY 09/02/2023	9.30 a.m. to 12.30 p.m.	3 hours

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Ref No.: GU/Exam(Prof)/B.E./2022/H01

Date: 05/12/2022

**Programme of the S.E (Civil, Mechanical, Electronics & Telecommunication/Electronics Comm Engg. Computer, Electrical & Electronics/Information Technology and Electronics & Computer) Semester- III (Revised Course 2019-20) Examinations to be held in January / February, 2023.**

**Time: 9.30 a.m. to 12.30 p.m.**

Day & Date	S.E (Civil)	S.E. (Mechanical)	S.E. (Electronics & TC)/Electronics & Comm Engg)	S.E (Computer)	S.E. (Electrical & Electronics)	S.E (Information Technology)	S.E (Electronics & Computer Engg)
<b>MONDAY 16/01/2023</b>	Mechanics of Solids	Mathematics - III	Mathematics - III	Mathematics - III	Mathematics - III	Mathematics - III	Mathematics - III
<b>WEDNESDAY 18/01/2023</b>	Fluid Mechanics	Mechanics of Solids	Circuit Analysis and Synthesis	Logic Design	Electromagnetic Fields	Integrated Electronics	Network Analysis and Synthesis
<b>FRIDAY 20/01/2023</b>	Engineering Geology	Engineering Thermodynamics	Electronic Devices and Circuits	Data Structures	Digital Electronics	Computer Networks	Electronic Devices and Circuits
<b>MONDAY 23/01/2023</b>	Building Materials and Construction	Engineering Materials Science and Metallurgy	Digital System Design	Object Oriented Programming System	Electrical Machines - I	Data Structures and Algorithms with C++	Digital Electronics
<b>WEDNESDAY 25/01/2023</b>	Computer Aided Building Planning and Design 4 hrs - 9.30 a.m to 01.30 p.m	Engineering Metrology and Machine Drawing	Electromagnetic Field & Wave Theory	Computer Organization	Electrical Circuit Analysis	Software Engineering	Data Structures and Algorithms using C++

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Ref No.: GU/Exam(Prof)/B.E./2022/110

Date: 05/12/2022

**Programme of the S.E (Civil, Mechanical, Electronics & Telecommunication/Electronics Comm Engg, Computer, Electrical & Electronics and Information Technology) Semester- IV (Revised Course 2019-20) Examinations to be held in January/February, 2023.**

**Time: 9.30 a.m. to 12.30 p.m.**

Day & Date	S.E (Civil)	S.E. (Mechanical)	S.E. (Electronics & TC)/Electronics & Comm Engg)	S.E (Computer)	S.E. (Electrical & Electronics)	S.E (Information Technology)
<b>MONDAY</b> 02/01/2023	Surveying & Geomatics	Energy Conversion	Signals and Systems	Discrete Mathematics	Numerical Methods	Computational Techniques
<b>WEDNESDAY</b> 04/01/2023	Hydraulic Engineering	Machine Design	Microprocessors and Interfacing	Microprocessors and Microcontrollers	Electrical Machines - II	Embedded Systems
<b>FRIDAY</b> 06/01/2023	Structural Analysis	Fluid Mechanics	Linear Integrated Circuits	Formal Languages & Automata Theory	Analog Electronics	Object Oriented Programming using Java
<b>MONDAY</b> 09/01/2023	Transportation Engineering	Analysis and Synthesis of Mechanisms	Transmission Lines and Antennas	Modern Algorithm Design Foundation	Fundamentals of Signal Processing	Operating System
<b>WEDNESDAY</b> 11/01/2023	Geotechnical Engineering	Economics for Engineers	Statistical Communication Theory	Object Oriented Software Engineering	Renewable Energy	Design and Analysis of Algorithm
<b>FRIDAY</b> 13/01/2023	Economics for Engineers	-----	Engineering Economics and Management	Economics for Engineers	Economics for Engineers	Management & Organizational Behaviour

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Ref No.: GU/Exam(Prof)/B.E/2022/401

Date: 05/12/2022

**Programme of the T.E (Civil, Mechanical, Electronics & Telecommunication / Electronics Comm Engg. Computer, Electrical & Electronics and Information Technology) Semester- V (Revised Course 2019-20) Examinations to be held in January/February, 2023.**

**Time: 02.00 p.m. to 05.00 p.m.**

Day & Date	T.E (Civil)	T.E. (Mechanical)	T.E. (Electronics & TC)/ Electronics Comm Engg)	T.E (Computer)	T.E. (Electrical & Electronics)	T.E (Information Technology)
<b>TUESDAY</b> 17/01/2023	Concrete Technology	Manufacturing Technology - I	Analog and Digital Communication Communication Engineering (AITD)	Database Management & Query Processing	Control Systems	Database Management System
<b>THURSDAY</b> 19/01/2023	Environmental Engineering	Dynamics of Machinery	Digital Signal Processing	Operating Systems	Microprocessors and Microcontrollers	Theory of Computation
<b>SATURDAY</b> 21/01/2023	1) Pavement Design and Construction 2) Numerical Methods 3) Environmental Impact Assessment and Life cycle Analysis 4) Foundation Engineering 5) Occupational Safety and Health.	1) Advanced Thermodynamics 2) Mechanical Vibrations 3) Mechatronics 4) Management Information Systems 5) Industrial Safety and Occupational Health	1) Embedded Systems 2) Power Electronics 3) Bio- Medical Engineering 4) Soft Computing 5) Numerical Methods and Approximations 6) Solid State Devices and Technology	1) Graph Theory 2) Neural Networks 3) Object Oriented Programming using JAVA 4) Distributed Operating System	1) Digital Signal Processing 2) Illumination Engineering 3) Electrical Machines Design 4) Electric Drives	1) Cloud Computing 2) Software Testing & Quality Assurance 3) Digital Signal Processing 4) Internet of Things
<b>TUESDAY</b> 24/01/2023	1) Advanced Structural Analysis 2) Ground Improvement Techniques 3) Green Building 4) Rural Water Supply & Onsite Sanitation System 5) Advanced Surveying	1) Gas Dynamics & Turbo Machinery 2) Engineering Tribology 3) Advanced Machine Design 4) Micro Electro Mechanical System 5) Instrumentation & Control	1) Microwave Engineering 2) Electromagnetic Compatibility Engineering 3) Theory of Machine Learning 4) Digital Image Processing 5) Electronics Instrumentation & Automation 6) Information Theory and Coding	1) Modern Computer Graphics 2) Web Technologies 3) Testing & Quality Assurance 4) Real Time Systems	1) Testing & Maintenance of Information Machines 2) Analog and Digital Communication 3) Bio- Medical Instrumentation 4) Operation Research	1) Computer Graphics 2) Statistical Models for Information Science 3) Advanced Computer Architecture 4) Graph Theory
<b>FRIDAY</b> 27/01/2023	<b>OPEN ELECTIVE</b>	<b>OPEN ELECTIVE</b>	<b>OPEN ELECTIVE</b>	<b>OPEN ELECTIVE</b>	<b>OPEN ELECTIVE</b>	<b>OPEN ELECTIVE</b>
<b>MONDAY</b> 30/01/2023	Entrepreneurship & IPR	Engineering Statistics	Ethics and Entrepreneurship	Cyber Law and IPR	Entrepreneurship & Intellectual Property	Ethics and Entrepreneurship

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Date: 05/12/2022

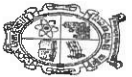
Ref No.: GU/Exam(Prof)/B.E./2022/Ho1

## Programme of the T.E (Civil, Mechanical, Electronics & Telecommunication/Electronics Comm Engg, Computer, Electrical & Electronics and Information Technology) Semester- VI (Revised Course 2019-20) Examinations to be held in January/February, 2023.

**Time: 02.00 p.m. to 05.00 p.m.**

Day & Date	T.E (Civil)	T.E. (Mechanical)	T.E. (Electronics & TC)/Electronics Comm Engg)	T.E (Computer)	T.E. (Electrical & Electronics)	T.E (Information Technology)
<b>TUESDAY</b> 03/01/2023	Design of Reinforced Concrete Structures	Heat and Mass Transfer	Control System Engineering	Modern Computer Networking	Power System - I	Principles of Computers
<b>THURSDAY</b> 05/01/2023	Design of Steel Structures	Manufacturing Technology - II	VLSI Technology and Design Digital VLSI (AITD)	Artificial Intelligence	Power Electronics	Web Technology
<b>SATURDAY</b> 07/01/2023	1) Geosynthetics and Application 2) Finite Element Method 3) Air and Noise Pollution and Control 4) Advanced Engineering Geology 5) Remote Sensing & GIS	1) Power Plant Engineering 2) Advanced Mechanics of Solids 3) Fibre Reinforced Composites 4) Quality and Reliability 5) Applied Operations Research	1) Real Time Operating Systems 2) Radar System Engineering 3) Artificial Neural Networks 4) Nanoelectronics 5) Wireless Sensor Networks 6) Deep Learning 7) Nanoelectronics	1) Computational Number Theory 2) Advanced Computer Organization & Architecture 3) Speech & Natural Language Processing 4) Data Mining & Data Warehousing	1) Distributed Generation and Microgrid 2) Power Quality 3) Digital Control System 4) Artificial Neural Network & Fuzzy Logic	1) Natural Language Processing 2) Artificial Intelligence and Fuzzy Logic 3) Distributed System 4) Queuing theory and modelling
<b>TUESDAY</b> 10/01/2023	1) Bridge Engineering 2) Construction Equipment & Automation 3) Structural Dynamics 4) Advanced Geotech Engg 5) Ground Water Engineering	1) Alternate Energy Sources 2) Tool Engineering 3) Fluid Power Control 4) Supply Chain Management 5) System Modelling and Simulation	1) Motor Control and Applications 2) Adaptive Signal Processing 3) Bio - medical Electronics and Instrumentation 4) Mobile Communication 5) Error Control Coding 6) Image Processing 7) ARM Architecture and Programming 8) Micro Electromechanical Systems	1) High Performance Computing 2) Information Retrieval 3) Image Processing & Vision 4) Cloud Computing & Application	1) Power System Protection 2) VLSI Circuit Design 3) Hybrid Vehicles 4) Electrical Energy Conservation & Auditing	1) Java Programming 2) Open Source s/w development 3) Computer Forensics and Cyber Security 4) E Commerce
<b>THURSDAY</b> 12/01/2023	<b>OPEN ELECTIVE</b>	<b>OPEN ELECTIVE</b>	<b>OPEN ELECTIVE</b>	<b>OPEN ELECTIVE</b>	<b>OPEN ELECTIVE</b>	<b>OPEN ELECTIVE</b>
<b>SATURDAY</b> 14/01/2023	Estimation & Costing	Technical English & Report Writing	Cyber Law and IPR	Technical Writing & Professional Ethics	<b>Management &amp; Organizational Behavior</b>	Technical English & Report Writing

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Ref No.: GU/Exam(Prof)/B.E/2022/140

Date: 05/12/2022

**Programme of the T.E (Civil, Mechanical, Electronics & Telecommunication/Electronics Comm Engg, Computer, Electrical & Electronics and Information Technology Semester- VII (Revised Course 2019-20) Examinations to be held in January/February, 2023.**

**Time: 02.00 p.m. to 05.00 p.m.**

Day & Date	T.E (Civil)	T.E. (Mechanical)	T.E. (Electronics & TC)/Electronics Comm Engg)	T.E (Computer)	T.E. (Electrical & Electronics)	T.E (Information Technology)
<b>MONDAY 16/01/2023</b>	Construction Engineering and Management	CAD/CAM	Data Communication	Compiler Design	Power Systems - II	Image Processing
<b>WEDNESDAY 18/01/2023</b>	1)Structural Repair and Retrofitting 2)Design of Prestressed Concrete Structures 3)Sol dynamics and Machine Foundations 4)Advanced Steel Structures 5)Biological Processes for Contaminant Removal	1)Refrigeration and Air Conditioning 2)Finite Element Method 3)Six Sigma Management 4)Advanced Optimization 5)Additive Manufacturing	1)Robotics 2)Machine Learning 3)Wavelets and Multirate Signal Processing 4)Consumer Electronics 5)Hardware Description Language	1)Embedded Systems & Design 2)Machine Learning 3)Data Analytics 4)Mobile Computing & Android Programming	1)Flexible AC Transmission System 2)Image Processing 3)Smart Grid 4)PLC & its Applications	1)Data Analytics 2)Wireless Sensor Network 3)Genetic Algorithm 4)Ad hoc and sensor networks
<b>FRIDAY 20/01/2023</b>	OPEN ELECTIVE	OPEN ELECTIVE	OPEN ELECTIVE	OPEN ELECTIVE	OPEN ELECTIVE	OPEN ELECTIVE

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