Ref No.: GU/Exam(Prof)/B.E/2023/683   Date: 24/05/2023

Programme of the F.E. Examinations to be held in June - July, 2023

Semester - I   Revised Course: 2019-20   Time: 9.30 a.m. to 12.30 p.m.

SUBJECT	DAY & DATE	TIME	DURATION
Mathematics – I	TUESDAY 20/06/2023	9.30 a.m. to 12.30 p.m.	3 hours
Physics	SATURDAY 24/06/2023	9.30 a.m. to 12.30 p.m.	3 hours
Chemistry	TUESDAY 27/06/2023	9.30 a.m. to 12.30 p.m.	3 hours
Basic Electrical & Electronics Engineering	FRIDAY 30/06/2023	9.30 a.m. to 12.30 p.m.	3 hours
Basics of Mechanical Engineering	WEDNESDAY 05/07/2023	9.30 a.m. to 12.30 p.m.	3 hours

CONTROLLER OF EXAMINATIONS

Place: Taleigao Plateau –Goa
Date: 24 /05/2023

Ref No.: GU/Exam(Prof)/B.E/2023/683   Date: 24 /05/2023

Programme of the F.E. Examinations to be held in June -July, 2023.

Semester - II   Revised Course: 2019-20   Time: 9.30 a.m. to 12.30 p.m.

SUBJECT	DAY & DATE	TIME	DURATION
Mathematics – II	WEDNESDAY 21/06/2023	9.30 a.m. to 12.30 p.m.	3 hours
Physics	SATURDAY 24/06/2023	9.30 a.m. to 12.30 p.m.	3 hours
Chemistry	TUESDAY 27/06/2023	9.30 a.m. to 12.30 p.m.	3 hours
Computer Programming	SATURDAY 01/07/2023	9.30 a.m. to 12.30 p.m.	3 hours
Introduction to Civil Engineering	THURSDAY 06/07/2023	9.30 a.m. to 12.30 p.m.	3 hours

CONTROLLER OF EXAMINATIONS

Place: Taleigao Plateau – Goa
Date: 24 /05/2023

Programme of the S.E. (Civil, Mechanical, Electronics & Telecommunication, Electronics Comm. Engg, Computer, Electrical & Electronics, Information Technology and Electronics & Computer Engg.) Semester- III (Revised Course 2019-20) Examinations to be held in June - July, 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)
THURSDAY 22/06/2023	Mechanics of Solids	Mathematics – III	Mathematics – III	Mathematics – III	Mathematics – III	Mathematics – III	Mathematics – III
MONDAY 26/06/2023	Fluid Mechanics	Mechanics of Solids	Circuit Analysis and Synthesis	Logic Design	Electromagnetic Fields	Integrated Electronics	Network Analysis and Synthesis
MONDAY 03/07/2023	Engineering Geology	Engineering Thermodynamics	Electronic Devices and Circuits	Data Structures	Digital Electronics	Computer Networks	Electronic Devices and Circuits
FRIDAY 07/07/2023	Building Materials and Construction	Engineering Materials Science and Metallurgy	Digital System Design	Object Oriented Programming System	Electrical Machines – 1	Data Structures and Algorithms with C++	Digital Electronics
WEDNESDAY 12/07/2023	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++

CONTROLLER OF EXAMINATIONS

GOA UNIVERSITY

Sub. P.O. Goa University, TaleigaoPlateau, Goa – 403 206

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Ref No.: GU/Exam(Prof)/B.E/2023/683

Date: 24/05/2023

Programme of the S.E (Civil, Mechanical, Electronics & Telecommunication Electronics Comm. Engg, Computer, Electrical & Electronics, Information Technology and Electronic & Computer Engg.) Semester- IV (Revised Course 2019-20) Examinations to be held in June - July, 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 (Electronic & Computer Engg.)
MONDAY 19/06/2023	Surveying & Geomatics	Energy Conversion	Signals and Systems	Discrete Mathematics	Numerical Methods	Computational Techniques	Mathematics IV
FRIDAY 23/06/2023	Hydraulic Engineering	Machine Design	Microprocessors and Interfacing	Microprocessors and Microcontrollers	Electrical Machines - II	Embedded Systems	Computer Organization and Architecture
WEDNESDY 28/06/2023	Structural Analysis	Fluid Mechanics	Linear Integrated Circuits	Formal Languages & Automata Theory	Analog Electronics	Object Oriented Programming using Java	Analog Circuits Design
TUESDAY 04/07/2023	Transportation Engineering	Analysis and Synthesis of Mechanisms	Transmission Lines and Antennas	Modern Algorithm Design Foundation	Fundamentals of Signal Processing	Operating System	Database Management Systems
SATURDAY 08/07/2023	Geotechnical Engineering	Economics for Engineers	Statistical Communication Engineering	Object Oriented Software Engineering	Renewable Energy	Design and Analysis of Algorithm	Java Programming
THURSDAY 13/07/2023	Economics for Engineers	-----------	Engineering Economics and Management	Economics for Engineers	Economics for Engineers	Management & Organizational Behaviour	Business Economics and Management
MONDAY 17/07/2023	Low Cost Construction Techniques	1)Rapid Prototyping 2) Energy Resources, Economics and Environment	Internet of Things	Mathematical Foundations for Artificial Intelligence and Machine Learning	-----------	Introduction to Data Science	Introduction to Robotics

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Programme of the T.E (Civil, Mechanical, Electronics & Telecommunication/Electronics/Electronics Comm. Engg, Computer, Electrical & Electronics and Information Technology) Semester- V (Revised Course 2019-20) Examinations to be held in June - July, 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) (AITD)	T.E (Computer)	T.E (Electrical & Electronics)	T.E (Information Technology)
TUESDAY 20/06/2023	Concrete Technology	Manufacturing Technology – II	Analog and Digital Communication / Communication Engineering (AITD)	Database Management & Query Processing	Control Systems	Database Management System
SATURDAY 24/06/2023	Environmental Engineering	Dynamics of Machinery	Digital Signal Processing	Operating Systems	Microprocessors and Microcontrollers	Theory of Computation
FRIDAY 30/06/2023	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 Technology	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 Processing 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
WEDNESDAY 05/07/2023	1)Advanced Structural Analysis 2)Ground Improvement Techniques 3)Green Building Design 4)Rural Water Supply & Onsite Sanitation System 5)Advanced Surveying	1)Gas Dynamics &Turbo Machinery 2)Engineering Tribology 3)Advanced Machine Learning 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 Electrical 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
MONDAY 10/07/2023	OPEN ELECTIVE	OPEN ELECTIVE	OPEN ELECTIVE	OPEN ELECTIVE	OPEN ELECTIVE	OPEN ELECTIVE
MONDAY 17/07/2023	Entrepreneurship & IPR	Engineering Statistics	Ethics and Entrepreneurship	Cyber Law and IPR	Entrepreneurship & Intellectual Property	Ethics and Entrepreneurship

CONTROLLER OF EXAMINATIONS

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 June - July, 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)
WEDNESDAY 21/06/2023	Design of Reinforced Concrete Structures	Heat and Mass Transfer	Control System Engineering	Modern Computer Networking	Power System - I	Principles of Compilers
TUESDAY 27/06/2023	Design of Steel Structures	Manufacturing Technology - II	VLSI Technology and Design / Digital VLSI (AITD)	Artificial Intelligence	Power Electronics	Web Technology
SATURDAY 01/07/2023	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 and Fuzzy Logic 3)Digital Control System 4)Artificial Neural Network & Fuzzy Logic	1)Natural Language Processing 2)Artificial Intelligence 3)Distributed System 4)Queuing theory and modelling
THURSDAY 06/07/2023	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
TUESDAY 11/07/2023	OPEN ELECTIVE	OPEN ELECTIVE	OPEN ELECTIVE	OPEN ELECTIVE	OPEN ELECTIVE	OPEN ELECTIVE
FRIDAY 14/07/2023	Estimation & Costing	Technical English & Report Writing	Cyber Law and IPR	Technical Writing & Professional Ethics	Management & Organizational Behavior	Technical English & Report Writing

CONTROLLER OF EXAMINATIONS

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 June - July, 2023.

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

Day & Date	T.E (Civil)	T.E. (Mechanical)	T.E. (Electronics & TCl/Electronics Comm Engg)	T.E (Computer)	T.E. (Electrical & Electronics)	T.E. (Information Technology)
THURSDAY 22/06/2023	Construction Engineering and Management	CAD/CAM	Data Communication	Compiler Design	Power Systems - II	Image Processing
MONDAY 26/06/2023	1)Structural Repair and Retrofitting 2)Design of Prestressed Concrete Structures 3)Soil 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
MONDAY 03/07/2023	1)Biological Processes for Contaminant Removal	1)Refrigeration & Air conditioning 2)Additive Manufacturing 3)Six Sigma Management	1)Robotics 2) Machine Learning 3)Consumer Electronics	1)Embedded Systems & Design 2)Machine Learning 3)Data Analytics 4)Mobile Computing & Android Programming	1)PLC & ITS Applications	1)Data Analytics 2)Wireless Sensor Network 3)Genetic Algorithms 4)Object Oriented Modeling using UML

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Programme of the T.E (Civil, Mechanical, Electronics & Telecommunication/Electronics Comm. Engg, Computer, Electrical & Electronics and Information Technology Semester- VIII (Revised Course 2019-20) Examinations to be held in June - July, 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)
MONDAY 19/06/2023	Hydrology and Water Resources Engineering	Industrial Engineering and Operations Management	Advanced Communication Engineering	Cryptography Techniques For Network Security	High Voltage Engineering	Cryptography and Network Security
FRIDAY 23/06/23	1) Architectural Engineering 2) Earthquake Engineering 3) Structural design of Foundations 4) Solid & Hazardous Waste Management 5) Port and Harbour Engineering	1) Energy Conservation and Management 2) Automobile Engineering 3) Industrial Automation and Robotics 4) Maintenance Engineering and Management 5) Computational Fluid Dynamics	1) Process Control Instrumentation 2) RF Design 3) High Performance Computer Architecture 4) Secure Communication Framework	1) Internet of Things 2) Pattern Recognition 3) Multimedia Systems & Applications 4) Software Development Framework	1) Embedded Systems 2) Power System Operation & Control 3) Reliability of electrical System 4) PV & Its Applications	1) Computer Vision 2) Mobile Computing 3) Advanced Data Structures 4) Social Networking

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Place: Taleigao Plateau - Goa