



# 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

No.: GU/Exam(Prof)/B.E/2023/1020

Date: 21/11/2023

**Programme of the T.E (Civil, Mechanical, Electronics & Telecommunication/ Electronics Comm Engg, Computer, Electrical & Electronics, Information Technology and Mining) Semester- V (Revised Course 2016-17) Examinations to be held in December 2023 - January 2024.**

**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)	T.E. ( Mining)
<b>TUESDAY</b> 05/12/2023	Structural Analysis-II	Engineering Statistics	Digital Signal Processing	Data Communication	Electromagnetic Theory	Introduction to Data Communication	Surveying -II
<b>SATURSDAY</b> 09/12/2023	Design of Concrete Structures - I	Machine Design-I	Transmission Lines & Antennas	Automata Languages and Computation	Microprocessors & Interfacing	Java Programming	Rock Mechanics & Ground Control - II
<b>SATURDAY</b> 13/12/2023	Design of Steel Structures-I	Energy Conversion	Control Systems Engineering	Cryptography & Coding Theory	Power Electronics	Statistical Models for information Science	Mining Machinery - I
<b>WEDNESDAY</b> 18/12/2023	Geotechnical Engineering-I	Manufacturing Technology-II	Embedded Systems	VLSI Hardware Descriptive Language	Control Engineering	Intelligent Agents	Mine Management & Legislation
<b>FRIDAY</b> 22/12/2023	Transportation Engineering-I	Dynamics of Machinery	VLSI Design & Technology	Database Management System.	Renewable Energy	Operating Systems	Surface Mining
<b>THURSDAY</b> 04/01/2024	Building Drawing- II 4hrs-(02.00p.m to 06.00 pm)	Engineering Measurements & Metriology	Analog Communication	Operating Systems	Electrical Machines- III	Database Management Systems	Underground Coal Mining

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No.: GU/Exam(Prof)/B.E/2023/1020

Date: 21/11/2023

**Programme of the T.E (Civil, Mechanical, Electronics & Telecommunication/Electronics Comm Engg, Computer, Electrical & Electronics, Information Technology and Mining) Semester- VI (Revised Course 2016-17) Examination to be held in December 2023 - January 2024.**

**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)	T.E. (Mining)
<b>WEDNESDAY</b> 06/12/2023	Design of Concrete Structures- II	Quality and Reliability	Electronic System Design and Manufacturing	Software Testing & Quality Assurance	Power System Analysis	Data Mining	Mining Machinery -II
<b>MONDAY</b> 11/12/2023	Design of Steel Structures- II	Machine Design -II	High Performance Computing Architectures	Design and Analysis of Algorithms	Embedded Systems	Theory of Computation	Mine Environment -I
<b>FRIDAY</b> 15/12/2023	Geotechnical Engineering -II	Gas Dynamics & Turbomachinaries	Digital Communication Digital Communication & Coding (AITD)	Artificial Intelligence	Electrical Drives & Control	Computer Networks	Mineral Processing
<b>WEDNESDAY</b> 20/12/2023	Transportation Engineering - II	Mechanical Vibrations	Industrial Automation and Instrumentation	Computer Graphics	Electrical Machine Design	Computer Graphics	Underground Metal Mining
<b>TUESDAY</b> 02/01/2024	Environmental Engineering - I	Mechatronics	Operating Systems	Embedded System Design	Electronic Measurements and Virtual Instrumentation	Web Technology	Mine Economics & Valuation
<b>SATURDAY</b> 06/01/2024	Surveying - II	Automobile Engineering	Communication Networks	Computer Networks	Digital Signal Processing	Software Testing & Quality Assurance	Mine Surveying

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No.: GU/Exam(Prof)/B.E/2023/1020

Date: 27/11/2023

**Programme of the B.E (Civil, Mechanical, Electronics & Telecommunication/Electronics Comm Engg, Computer, Electrical & Electronics, Information Technology and Mining) Semester- VII (Revised 2016-17 Course) Examinations to be held in December 2023 - January 2024.****Time: 02.00 p.m. to 05.00 p.m.**

Day & Date	B.E (Civil)	B.E. ( Mechanical)	B.E. (Electronics & TC)/Electronics Comm Engg)	B.E (Computer)	B.E. (Electrical & Electronics)	B.E ( Information Technology)	B.E. (Mining)
<b>THURSDAY</b> 07/12/2023	Design of Concrete Structures - III	Heat and Mass Transfer	Microwave Engineering	CompilerConstruction	Switchgear and Protection	Image Processing	Mine Environment –II
<b>TUESDAY</b> 12/12/2023	Environmental Engineering - II	Industrial Engineering and Operations Management	Introduction to Soft Computing	Data Mining	Advanced Drives and Control	Principles of Compilers	Mine Disaster Management
<b>SATURDAY</b> 16/12/2023	Estimation , Costing and Valuation	CAD and FEA	Mobile Communication	Image Processing	VLSI Circuit Design	Mobile Computing	Mine Safety and Legislation
<b>WEDNESDAY</b> 03/01/2024	<b>Elective-I</b> ( 1 ) Environmental Pollution and Control (2) Finite Element Method ( 3 ) Occupational Safety and Health Acts (4) Advances in Concrete Technology (5) Reinforced Earth Structures	<b>Elective-I</b> ( 1 ) Advance Mechanics of Solids (2) Advanced Analysis and Synthesis of Mechanism ( 3 ) Vibration and Noise Control (4) Alternate Energy Sources (5) Power Plant Engineering (6) Design of Heat Exchangers (7) Modern Manufacturing Practices (8) Tool Engineering	<b>Elective-I</b> ( 1 ) Digital VLSI (2) Image Processing ( 3 ) Technical Writing and Professional Ethics (4) Introduction to Robotics (5) Introduction to GPU Computing (6) Computer Networks (7) Introduction to Device Drivers (8) Virtual Instrumentation (9) Wavelets & Multivariant DSP (10) Electronic Material Science (11) Microwave Networks and Applications (12) Distributed Operating Systems (13) Introduction to Java	<b>Elective-I</b> ( 1 ) VLSI Design (2) Data Compression (3) Fuzzy Logic & Neural Networks (4) Web Technologies (5) Cloud Computing	<b>Elective-I</b> ( 1 ) Power System Planning and Reliability (2) HVDC Transmission ( 3 ) Smart Grid (4) Operations Research (5) Electrical Design Estimation and Costing	<b>Elective-I</b> ( 1 ) Embedded System Design (2) Genetic Algorithms ( 3 ) Bio Informatics (4) Electronic Commerce	<b>Elective-I</b> ( 1 ) Rock Fragmentation Engineering (2) Underground Space Technology ( 3 ) Petroleum Engineering (4) Coal Bed Methane



<b>MONDAY</b> <b>08/01/2024</b>	<b>Elective-II</b> (1) Applied Engineering Geology (2) Disaster Management (3) Traffic Engineering (4) Structural Dynamics (5) Structural Design of Foundations	<b>Elective-II</b> (1) Six Sigma Management (2) Management Information System (3) System Modelling and Simulation (4) Applied Operations Research (5) Industrial Safety and Environment (6) Industrial Automation and Process Control (7) Micro Electro Mechanical Systems (8) Competitive Manufacturing Management	<b>Elective-II</b> (1) Analog VLSI (2) Adaptive Signal Processing (3) Numerical Methods and Approximation (4) Advanced Control Systems (5) Introduction to MEMS (6) Process Control Instrumentation (7) Secure Communications (8) Introduction to ARM Architecture (9) Electronic Circuits: Design, Simulation and Testing (10) Artificial Neural Network (11) Introduction to RF Design (12) Introduction to Databases (13) Power Electronics	<b>Elective-II</b> (1) Big Data Analytics (2) Geographical Information Systems (3) Design Pattern & Framework (4) Project Management and Quality Assurance (5) Entrepreneurship Development	<b>Elective-II</b> (1) Fuzzy Logic and Neural Networks (2) Data Communication & Networking (3) Image Processing (4) Statistics and Probability (5) Advanced Controllers	<b>Elective-II</b> (1) Geographical Information System (2) Computer Forensic (3) Digital Signal Processing (4) IT Business Methodology	<b>Elective-II</b> (1) Bulk Material Handling (2) Optimisation Technique in Mineral Industry (3) Computer Applications in Mining (4) Advanced Surface Mining
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Date: 21/11/2023

**Revised Programme of the B.E (Civil, Mechanical, Electronics & Telecommunication/Electronics Comm Engg, Computer, Electrical & Electronics, Information Technology and Mining) Semester- VIII (Revised 2016-17 Course) Examinations to be held in, December 2023 - January 2024.**

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

Day & Date	B.E (Civil)	B.E. ( Mechanical)	B.E. (Electronics & TC)/Electronics Comm Engg)	B.E (Computer)	B.E. (Electrical & Electronics)	B.E ( Information Technology)	B.E. (Mining)
<b>FRIDAY</b> 08/12/2023	Irrigation and Water Resources Engineering	Computer Integrated Manufacturing Systems	Information Theory and Coding  Introduction to Java (AITD)	Distributed Operating Systems	Flexible AC Transmission System	Distributed System	Mine Planning and Design
<b>THURSDAY</b> 14/12/2023	Construction Machinery and Project Management	Refrigeration and Air - Conditioning	Advanced Communication	Network Security	PLC and its Applications	Computer Cryptography and Network Security	Mine Environmental Management
<b>THURSDAY</b> 21/12/2023	<b>Elective-III</b> (1) Industrial and Municipal Waste Management (2) Advanced Structural Analysis (3) Ground Improvement Techniques (4) Design of Earthquake Resistance Structures (5) Advanced Materials and Construction Techniques	<b>Elective-III</b> (1) Finite Element Method in Engineering (2) Tribology (3) Product Design and Development (4) Cryogenics (5) Energy Audit and Management (6) Computational Fluid Dynamics (7) Nanotechnology (8) Fibre Reinforced Composites	<b>Elective-III</b> (1) Testing and Fault Tolerance (2) E - Commerce (3) Speech Processing (4) Entrepreneurship (5) Mobile Robotics (6) Advanced Computer Networks (7) Motors and Drives (8) Wireless Communication (9) Audio and Video Engineering (10) Mobile Computing (11) Nanoelectronics (12) Biomedical Electronics and Instrumentation (13) Introduction to Artificial Intelligence (14) Error Control Coding	<b>Elective-III</b> (1) Operation Research (2) Multimedia Systems (3) Bio Informatics (4) Storage Area Networks (5) Web Services	<b>Elective-III</b> (1) Illumination Engineering (2) Energy Auditing (3) Micro Grid and Distributed Generation (4) Power System Operation and Control (5) Power Quality (6) High Voltage Engineering	<b>Elective-III</b> (1) Web Services (2) Natural Language Processing (3) Fuzzy Logic and Neural Networks (4) Advanced Data Structures and Algorithms	<b>Elective-III</b> (1) Rock Slope Engineering (2) Geostatistics (3) Small Scale Mining and Ocean Mining (4) Geodetic Surveying
	<b>Elective-IV</b> (1) Advanced Pre-stressed Concrete	<b>Elective-IV</b> (1) Supply Chain Management	<b>Elective-IV</b> (1) System on Chip (2) Mobile Phone	<b>Elective-IV</b> (1) Genetic Algorithms	<b>Elective-IV</b> (1) Digital System Design using HDL	<b>Elective-IV</b> (1) VLSI Design (2) Cloud	<b>Elective-IV</b> (1) Entrepreneurship



<b>WEDNESDAY</b> <b>05/01/2024</b>	(2) Green Building Design (3) Repairs and Rehabilitations of Structures (4) Pavement Design (5) Design of Reinforced Concrete Bridges	(2) Corporate Finance (3) Entrepreneurship Development (4) Advanced Optimization (5) Maintenance Engineering and Management (6) Fluid Power Control (7) Industrial Robotics (8) Control System Engineering	Programming (3) Wavelets and Multirate Digital Signal Processing (4) Advanced Mobile Networks (5) Underwater Robotics (6) Radar System Engineering (7) Optical Networking (8) Wireless Sensor Networks (9) Consumer Electronics (10) Electromagnetic Interference/Electromagnetic Compatibility (11) Introduction to Deep Neural Networks (12) Medical Imaging (13) Statistical Theory of Communication	(2) Real Time Systems (3) Mobile Computing (4) Machine Learning (5) Digital Signal Processing	(2) Biomedical Instrumentation (3) Wireless Sensor Network (4) Advanced Control Systems (5) Switch Mode Power Converters (6) Entrepreneurship Development	Computing (3) Advanced Computer Architecture (5) Storage Area Networks	Development (2) Exploration Geology (3) Computer Programming (OOPS) in C++ (4) Rock Excavation Engineering
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