



# 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/2024/ 0373

Date: 23/10/2024

**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 November - December 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>MONDAY</b> 18/11/2024	Structural Analysis-II	Engineering Statistics	Digital Signal Processing	Data Communication	Electromagnetic Theory	Introduction to Data Communication	Surveying –II
<b>FRIDAY</b> 22/11/2024	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>WEDNESDAY</b> 27/11/2024	Design of Steel Structures-I	Energy Conversion	Control Systems Engineering	Cryptography & Coding Theory	Power Electronics	Statistical Models for information Science	Mining Machinery – I
<b>MONDAY</b> 02/12/2024	Geotechnical Engineering-I	Manufacturing Technology-II	Embedded Systems	VLSI Hardware Descriptive Language	Control Engineering	Intelligent Agents	Mine Management & Legislation
<b>SATURDAY</b> 07/12/2024	Transportation Engineering-I	Dynamics of Machinery	VLSI Design & Technology	Database Management System.	Renewable Energy	Operating Systems	Surface Mining
<b>THURSDAY</b> 12/12/2024	Building Drawing-II 4hrs-(02.00p.m to 06.00 pm)	Engineering Measurements & Metrology	Analog Communication	Operating Systems	Electrical Machines- III	Database Management Systems	Underground Coal Mining

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No.: GU/Exam(Prof)/B.E/2024/0373

Date: 23/10/2024

**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 November - December 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> 19/11/2024	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>SATURDAY</b> 23/11/2024	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>THURSDAY</b> 28/11/2024	Geotechnical Engineering -II	Gas Dynamics & Turbomachinaries	Digital Communication Digital Communication & Coding (AITD)	Artificial Intelligence	Electrical Drives & Control	Computer Networks	Mineral Processing
<b>WEDNESDAY</b> 04/12/2024	Transportation Engineering - II	Mechanical Vibrations	Industrial Automation and Instrumentation	Computer Graphics	Electrical Machine Design	Computer Graphics	Underground Metal Mining
<b>FRIDAY</b> 13/12/2024	Environmental Engineering - I	Mechatronics	Operating Systems	Embedded System Design	Electronic Measurements and Virtual Instrumentation	Web Technology	Mine Economics & Valuation
<b>WEDNESDAY</b> 18/12/2024	Surveying - II	Automobile Engineering	Communication Networks	Computer Networks	Digital Signal Processing	Software Testing & Quality Assurance	Mine Surveying

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Date: 23/10/2024

**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 November - December 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>WEDNESDAY 20/11/2024</b>	Design of Concrete Structures - III	Heat and Mass Transfer	Microwave Engineering	Compiler Construction	Switchgear and Protection	Image Processing	Mine Environment -II
<b>MONDAY 25/11/2024</b>	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>FRIDAY 29/11/2024</b>	Estimation , Costing and Valuation	CAD and FEA	Mobile Communication	Image Processing	VLSI Circuit Design	Mobile Computing	Mine Safety and Legislation
<b>THURSDAY 5/12/2024</b>	Elective-I ( 1 ) Environmental Pollution and Control (2) Finite Element Method ( 3 ) Occupational Safety and Health Acts (4) Advances in Concrete Technology (5) Reinforced Earth Structures	Elective-I ( 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	Elective-I ( 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	Elective-I ( 1 ) VLSI Design (2) Data Compression (3) Fuzzy Logic & Neural Networks (4) Web Technologies (5) Cloud Computing	Elective-I ( 1 ) Power System Planning and Reliability (2) HVDC Transmission ( 3 ) Smart Grid (4) Operations Research (5) Electrical Design Estimation and Costing	Elective-I ( 1 ) Embedded System Design (2) Genetic Algorithms ( 3 ) Bio Informatics (4) Electronic Commerce	Elective-I ( 1 ) Rock Fragmentation Engineering (2) Underground Space Technology ( 3 ) Petroleum Engineering (4) Coal Bed Methane

<p style="text-align: center;"><b>TUESDAY 10/12/2024</b></p>	<p><b>Elective-II</b> (1) Applied Engineering Geology (2) Disaster Management (3) Traffic Engineering (4) Structural Dynamics (5) Structural Design of Foundations</p>	<p><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</p>	<p><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</p>	<p><b>Elective-II</b> (1) Big Data Analytics (2) Geographical Information Systems (3) Design Pattern &amp; Framework (4) Project Management and Quality Assurance (5) Entrepreneurship Development</p>	<p><b>Elective-II</b> (1) Fuzzy Logic and Neural Networks (2) Data Communication &amp; Networking (3) Image Processing (4) Statistics and Probability (5) Advanced Controllers</p>	<p><b>Elective-II</b> (1) Geographical Information System (2) Computer Forensic (3) Digital Signal Processing (4) IT Business Methodology</p>	<p><b>Elective-II</b> (1) Bulk Material Handling (2) Optimisation Technique in Mineral Industry (3) Computer Applications in Mining (4) Advanced Surface Mining</p>
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No.: GU/Exam(Prof)/B.E/2023/0373

Date: xx/xx/2024

**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, November - December 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 21/11/2024</b>	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>TUESDAY 26/11/2024</b>	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>SATURDAY 30/11/2024</b>	<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>FRIDAY 06/12/24</b>	<b>Elective-IV</b> (1) Advanced Prestressed Concrete (2) Green Building Design (3) Repairs and Rehabilitations of Structures (4) Pavement Design (5) Design of Reinforced Concrete Bridges	<b>Elective-IV</b> (1) Supply Chain Management (2) Corporate Finance (3) Entrepreneurship (4) Advanced Optimization (5) Maintenance Engineering and Management (6) Fluid Power Control (7) Industrial Robotics (8) Control System Engineering	<b>Elective-IV</b> (1) System on Chip (2) Mobile Phone 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	<b>Elective-IV</b> (1) Genetic Algorithms (2) Real Time Systems (3) Mobile Computing (4) Machine Learning (5) Digital Signal Processing	<b>Elective-IV</b> (1) Digital System Design using HDL (2) Biomedical Instrumentation (3) Wireless Sensor Network (4) Advanced Control Systems (5) Switch Mode Power Converters (6) Entrepreneurship Development	<b>Elective-IV</b> (1) VLSI Design (2) Cloud Computing (3) Advanced Computer Architecture (5) Storage Area Networks	<b>Elective-IV</b> (1) Entrepreneurship Development (2) Exploration Geology (3) Computer Programming (OOPS) in C++ (4) Rock Excavation Engineering

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