



GOA UNIVERSITY

Sub. P.O. Goa University, Taleigao Plateau, Goa – 403 206
Tel: 8669609037 (Office) 8669609123 (AR) E-mail: areptnaoffice@unigoa.ac.in

Ref No.: GU/Exam (Prof) T&A/B.E./2025/30

Date: 09/05/2025

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 May - June 2025.

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)
MONDAY 26/05/2025	Structural Analysis-II	Engineering Statistics	Digital Signal Processing	Data Communication	Electromagnetic Theory	Introduction to Data Communication	Surveying –II
FRIDAY 30/05/2025	Design of Concrete Structures - I	Machine Design-I	Transmission Lines & Antennas	Automata Languages and Computation	Microprocessors & Interfacing	Java Programming	Rock Mechanics & Ground Control - II
WEDNESDAY 04/06/2025	Design of Steel Structures-I	Energy Conversion	Control Systems Engineering	Cryptography & Coding Theory	Power Electronics	Statistical Models for information Science	Mining Machinery – I
TUESDAY 10/06/2025	Geotechnical Engineering-I	Manufacturing Technology-II	Embedded Systems	VLSI Hardware Descriptive Language	Control Engineering	Intelligent Agents	Mine Management & Legislation
SATURDAY 14/06/2025	Transportation Engineering-I	Dynamics of Machinery	VLSI Design & Technology	Database Management System.	Renewable Energy	Operating Systems	Surface Mining
THURSDAY 19/06/2025	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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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)
TUESDAY 27/05/2025	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
SATURDAY 31/05/2025	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
THURSDAY 05/06/2025	Geotechnical Engineering -II	Gas Dynamics & Turbomachinaries	Digital Communication Digital Communication & Coding (AITD)	Artificial Intelligence	Electrical Drives & Control	Computer Networks	Mineral Processing
WEDNESDAY 11/06/2025	Transportation Engineering - II	Mechanical Vibrations	Industrial Automation and Instrumentation	Computer Graphics	Electrical Machine Design	Computer Graphics	Underground Metal Mining
MONDAY 16/06/2025	Environmental Engineering - I	Mechatronics	Operating Systems	Embedded System Design	Electronic Measurements and Virtual Instrumentation	Web Technology	Mine Economics & Valuation
FRIDAY 20/06/2025	Surveying - II	Automobile Engineering	Communication Networks	Computer Networks	Digital Signal Processing	Software Testing & Quality Assurance	Mine Surveying

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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 May - June 2025.
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)
WEDNESDAY 28/05/2025	Design of Concrete Structures - III	Heat and Mass Transfer	Microwave Engineering	Compiler Construction	Switchgear and Protection	Image Processing	Mine Environment –II
MONDAY 02/06/2025	Environmental Engineering - II	Industrial Engineering and Operations Management	Introduction to Soft Computing	Data Mining	Advanced Drives and Control	Principles of Compilers	Mine Disaster Management
FRIDAY 06/06/2025	Estimation , Costing and Valuation	CAD and FEA	Mobile Communication	Image Processing	VLSI Circuit Design	Mobile Computing	Mine Safety and Legislation
THURSDAY 12/06/2025	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

TUESDAY 17/06/2025	Elective-II (1) Applied Engineering Geology (2) Disaster Management (3) Traffic Engineering (4) Structural Dynamics (5) Structural Design of Foundations	Elective-II (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	Elective-II (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	Elective-II (1) Big Data Analytics (2) Geographical Information Systems (3) Design Pattern & Framework (4) Project Management and Quality Assurance (5) Entrepreneurship Development	Elective-II (1) Fuzzy Logic and Neural Networks (2) Data Communication & Networking (3) Image Processing (4) Statistics and Probability (5) Advanced Controllers	Elective-II (1) Geographical Information System (2) Computer Forensic (3) Digital Signal Processing (4) IT Business Methodology	Elective-II (1) Bulk Material Handling (2) Optimisation Technique in Mineral Industry (3) Computer Applications in Mining (4) Advanced Surface Mining

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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, May - June 2025

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)
THURSDAY 29/05/2025	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
THUESDAY 03/06/2025	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
MONDAY 09/06/2025	Elective-III (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	Elective-III (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	Elective-III (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 Engineering (9) Audio and Video Engineering (10) Mobile Computing (11) Nanoelectronics (12) Biomedical Electronics and Instrumentation (13) Introduction to Artificial Intelligence (14) Error Control Coding	Elective-III (1) Operation Research (2) Multimedia Systems (3) Bio Informatics (4) Storage Area Networks (5) Web Services	Elective-III (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	Elective-III (1) Web Services (2) Natural Language Processing (3) Fuzzy Logic and Neural Networks (4) Advanced Data Structures and Algorithms	Elective-III (1) Rock Slope Engineering (2) Geostatistics (3) Small Scale Mining and Ocean Mining (4) Geodetic Surveying

FRIDAY 13/06/24	Elective-IV (1) Advanced Pre-stressed Concrete (2) Green Building Design (3) Repairs and Rehabilitations of Structures (4) Pavement Design (5) Design of Reinforced Concrete Bridges	Elective-IV (1) Supply Chain Management (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	Elective-IV (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	Elective-IV (1) Genetic Algorithms (2) Real Time Systems (3) Mobile Computing (4) Machine Learning (5) Digital Signal Processing	Elective-IV (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	Elective-IV (1) VLSI Design (2) Cloud Computing (3) Advanced Computer Architecture (5) Storage Area Networks	Elective-IV (1) Entrepreneurship Development (2) Exploration Geology (3) Computer Programming (OOPS) in C++ (4) Rock Excavation Engineering

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