

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/2021/O Revised Programme of the B.E (Civil, Electronics & Telecommunication/Electronics Comm Engg, Electrical & Electronics, and Information Technology) Semester- VII (Revised 2016-17 Course) Examinations to be held in February/March, 2022. Date: 07/02/2022

Time: 09.30 a.m. to 12.30 p.m.

THURSDAY 03/03/2022	MONDAY 28/02/2022	THURSDAY 24/02/2022	MONDAY 21/02/2022	THURSDAY 17/02/2022	Day & Date
DAY 022	022	DAY 022	022	DAY 022	Date
Elective-II (1) Applied Engineering Geology (2) Disaster Management (3) Traffic Engineering (4) Structural Dynamics (5) Structural Design of Foundations	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	Estimation, Costing and Valuation	Environmental Engineering - II	Design of Concrete Structures -	B.E (Civil)
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-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	Mobile Communication	Introduction to Soft Computing	Microwave Engineering	B.E. (Electronics & TC)/Electronics Comm Engg)
Elective-II (1) Fuzzy Logic and Neural Networks (2) Data Communication & Networking (3) Image Processing (4) Statistics and Probability (5) Advanced Controllers	(1) Power System Planning and Reliability (2) HVDC Transmission (3) Smart Grid (4) Operations Research (5) Electrical Design Estimation and Costing	VLSI Circuit Design	Advanced Drives and Control	Switchgear and Protection	B.E. (Electrical & Electronics)
Elective-II (1) Geographical Information System (2) Computer Forensic (3) Digital Signal Processing (4) IT Business Methodology	Elective-I (1) Embedded System Design (2) Genetic Algorithms (3) Bio Informatics (4) Electronic Commerce	Mobile Computing	Principles of Compilers	Image Processing	B.E (Information

Place: Taleigao Plateau-Goa Date - 07/02/2022,

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Date: 07/02/2022

No.: GU/Exam(Prof)/B.E/2021/61

Revised Programme of the B.E (Mechanical, Computer and Mining) Semester- VII (Revised 2016-17 Course) Examinations to be held in February/March, 2022.

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

THURSDAY 03/03/2022	MONDAY 28/02/2022	THURSDAY 24/02/2022	MONDAY 21/02/2022	THURSDAY 17/02/2022	Day & Date
(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-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	CAD and FEA	Industrial Engineering and Operations Management	Heat and Mass Transfer	B.E. (Mechanical)
Elective-II (1) Big Data Analytics (2) Geographical Information Systems (3) Design Pattern & Framework (4) Project Management and Quality Assurance (5) Entrepreneurship Development	(1) VLSI Design (2) Data Compression (3) Fuzzy Logic & Neural Networks (4) Web Technologies (5) Cloud Computing	Image Processing	Data Mining	Compiler Construction	B.E (Computer)
Elective-II (1) Bulk Material Handling (2) Optimisation Technique in Mineral Industry (3) Computer Applications in Mining (4) Advanced Surface Mining	Elective-I (1) Rock Fragmentation Engineering (2) Underground Space Technology (3) Petroleum Engineering (4) Coal Bed Methane	Mine Safety and Legislation	Mine Disaster Management	Mine Environment –II	B.E. (Mining)

Place: Taleigao Plateau-Goa Date - 07402/2022.

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No.: GU/Exam(Prof)/B.E/2021/64

Electronics, Information Technology and Mining) Semester- VIII (Revised 2016-17 Course) Examinations to be held in February, 2022. Revised Programme of the B.E (Civil, Mechanical, Electronics & Telecommunication/Electronics Comm Engg, Computer, Electrical & Date: 07/02/2022

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

FRIDAY 25/022022	TUESDAY 22/02/2022	SATURDAY 19/02/2022	WEDNESDAY 16/02/2022	Day & Date
(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-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	Construction Machinery and Project Management	Irrigation and Water Resources Engineering	B.E (Civil)
(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-III (1) Finite Element Method in Engineering (2) Tribology (3) Product Design and Development (4) Cryogenios (5) Energy Audit and Management (6) Computational Fluid Dynamics (7) Nanotechnology (8) Fibre Reinforced Composites	Refrigeration and Air – Conditioning	Computer Integrated Manufacturing Systems	B.E. (Mechanical)
(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	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 (9) Audio and Video Engineering (10) Mobile Computing (11) Nanoelectronics (12) Biomedical Electronics and Instrumentation (13) Introduction to Artificial Intelligence (14) Error Control Coding	Advanced Communication	Information Theory and Coding Introduction to Java (AITD)	B.E. (Electronics & TC)/Electronics Comm Engg)
(1) Genetic Algorithms (2) Real Time Systems (3) Mobile Computing (4) Machine Learning (5) Digital Signal Processing	Elective-III (1) Operation Research (2) Multimedia Systems (3) Bio Informatics (4) Storage Area Networks (5) Web Services	Network Security	Distributed Operating Systems	B.E (Computer)
(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-III (1) Illumination Engineering (2) Energy Auditing (3) Misro Grid and Distributed Generation (4) Power System Operation and Control (5) Power Quality (6) High Voltage Engineering	PLC and its Applications	Flexible AC Transmission System	B.E. (Electrical & Electronics)
(1) VLSI Design (2) Cloud Computing (3) Advanced Computer Architecture (5) Storage Area Networks	Elective-III (1) Web Services (2) Natural Language Processing (3) Fuzzy Logic and Neural Networks (4) Advanced Data Structures and Algorithms	Computer Cryptography and Network Security	Distributed System	B.E (Information Technology)
(1) Enterpreneurship Development (2) Exploration Geology (3) Computer Programming (OOPS) in C++ (4) Rock Excavation Engineering	Elective-III (1) Rook Slope Engineering (2) Geostatistics (3) Small Scale Mining and Ocean Mining (4) Geodetic Surveying	Mine Environmental Management	Mine Planning and Design	B.E. (Mining)

Place: Taleigao Plateau-Goa Date -64-/02/2022.

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