



Tel: 0832- 8669609034 (AR) 8669609037 (Office) **Fax:** 0832-2456108 **E-mail:** arexamprof@unigoa.ac.in

Date: 07/02/2022

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

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

ADARSH
CONTROLLER OF EXAMINATIONS



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./2021/01

Date: 07/02/2022

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.

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

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

Dr. S. S. S. S.
CONTROLLER OF EXAMINATIONS



GOA UNIVERSITY

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No.: GU/Exam(Prof)/B.E./2021/51

Date: 07/02/2022

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 February, 2022.

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 16/02/2022	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
SATURDAY 19/02/2022	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
TUESDAY 22/02/2022	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 (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 25/02/2022	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

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

Dr. *[Signature]*
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