



GOA UNIVERSITY

Sub. P.O. Goa University, Taleigao Plateau, Goa – 403 206

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Ref No.: GU/Exam(Prof)/B.E/2022/ 174

Date: 22/06/2022

Revised Programme of the S.E (Civil, Mechanical, Electronics & Telecommunication/Electronics Comm Engg, Computer, Electrical & Electronics, Information Technology and Mining) Semester- IV (Revised Course 2016-17) Examination to be held in July/August, 2022.

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

Day & Date	S.E (Civil)	S.E. (Mechanical)	S.E. (Electronics & TC)/Electronics & Comm Engg)	S.E (Computer)	S.E. (Electrical & Electronics)	S.E (Information Technology)	S.E. (Mining)
TUESDAY 19/07/2022	Surveying - I	Mechanics of Solids	Probability Theory and Random Processes	Discrete Mathematics	Numerical Techniques and Probability	Discrete Mathematical Structures	Mine Development
SATURDAY 23/07/2022	Fluid Mechanics - II	Analysis and Synthesis of Mechanisms	Signals and Systems	Computer Organization	Electrical Machines - II	Entrepreneurship Development	Fluid Mechanics & Machinery
THURSDAY 28/07/2022	Building Drawing - I 2.00 P.M to 6.00 P.M. (4 hrs)	Manufacturing Technology - I	Electromagnetic Fields and waves	Microprocessors and Interfacing	Linear Integrated Circuits	Computer Organization and Architecture	Mining Geology - II
TUESDAY 02/08/2022	Structural Analysis - I	Digital Electronics and Microcontroller Applications	Electronic Devices and Circuits - II	Data Structures and Algorithms - II	Digital Integrated Circuits	Software Engineering	Surveying -I
SATURDAY 06/08/2022	Numerical Techniques in Computer Programming	Applied Thermodynamics - II	Linear Integrated Circuits	Signals and Systems	Electrical circuit Analysis and Synthesis	Design and Analysis of Algorithms	Rock Mechanics & Ground Control -I
THURSDAY 11/08/2022	Engineering Geology	Business Economics and Management	Microprocessors and Interfacing	Java Programming	Electrical Power	Microprocessors and Interfacing	Numerical Techniques & Statistics

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f CONTROLLER OF EXAMINATIONS.



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No.: GU/Exam(Prof)/B.E./2022/174

Date: 27/06/2022

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 July/August, 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)
TUESDAY 19/07/2022	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 23/07/2022	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
THURSDAY 28/07/2022	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
TUESDAY 02/08/2022	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

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