



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

Ref No.: GU/Exam(Prof)/B.E/2021/1168

Date: 11 /02/2021

Programme of the F.E. Semester-I (Revised Course 2007-2008) Examination to be held in March, 2021.

ANSWER SCRIPTS TO BE UPLOADED LATEST BY 02.00 P.M.

SUBJECT	DAY & DATE	TIME	DURATION
Applied Mathematics-I	MONDAY 01/03/2021	10.00 a.m. to 12.00 p.m.	2 hours
Applied Science-I (Physics & Chemistry)	FRIDAY 05/03/2021	10.00 a.m. to 12.00 p.m.	2 hours
Basic Civil Engineering & Engineering Mechanics	WEDNESDAY 10/03/2021	10.00 a.m. to 12.00 p.m.	2 hours
Basic Electrical Engineering	TUESDAY 16/03/2021	10.00 a.m. to 12.00 p.m.	2 hours
Engineering Graphics	SATURDAY 20/03/2021	10.00 a.m. to 12.00 p.m.	2 hours
Communication Skills	THURSDAY 25/03/2021	10.00 a.m. to 12.00 p.m.	2 hours

Programme of the F.E. Semester-II (Revised Course 2007-2008) Examinations to be held in March, 2021.

SUBJECT	DAY & DATE	TIME	DURATION
Applied Mathematics-II	TUESDAY 02/03/2021	10.00 a.m. to 12.00 p.m.	2 hours
Applied Science-II (Physics & Chemistry)	SATURDAY 06/03/2021	10.00 a.m. to 12.00 p.m.	2 hours
Information Technology	FRIDAY 12/03/2021	10.00 a.m. to 12.00 p.m.	2 hours
Basic Mechanical Engineering	WEDNESDAY 17/03/2021	10.00 a.m. to 12.00 p.m.	2 hours
Basic Electronic Engineering	MONDAY 22/03/2021	10.00 a.m. to 12.00 p.m.	2 hours
Environmental & Social Sciences	FRIDAY 26/03/2021	10.00 a.m. to 12.00 p.m.	2 hours

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Date: 11/02/2021

Programme of the S.E (Civil, Mechanical, Electronics & Telecommunication/ Electronics Comm Engg, Computer, Electrical & Electronics, Information Technology and Mining) Semester- III (Revised Course 2007-08) Examinations to be held in March, 2021.

Time: 10.00 a.m. to 12.00 p.m. (02 hours)*

*** ANSWER SCRIPTS TO BE UPLOADED LATEST BY 02.00 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)
WEDNESDAY 03/03/2021	Applied Mathematics - III	Engineering Mathematics - III	Applied Mathematics-III	Applied Mathematics-III	Engg. Mathematics-III	Applied Mathematics- III	Engineering Mathematics – III
MONDAY 08/03/2021	Managerial Economics	Machine Drawing	Digital System Design	Basic of C++	Digital Integrated Circuits	Numerical Methods	Electrical Drives & Digital Electronics
SATURDAY 13/03/2021	Building Construction	Applied Thermodynamics	Network Analysis & Synthesis	Principles of Programming Languages	Electrical Circuit Analysis & Synthesis	Analog & Digital Circuits	Mechanics of Solids
THURSDAY 18/03/2021	Strength of Materials	Engineering Material Science	Electronic Devices & Circuits	Computer Oriented Numerical Techniques	Electrical Machine-I	Computer Organization & Architecture	Elements of Mining Engineering
TUESDAY 23/03/2021	Concrete Technology	Fluid Mechanics	Managerial Economics	Logic Design	Electronic Devices & Circuits	Data Structures Using C	Machine Drawing & CAD
SATURDAY 27/03/2021	Fluid Mechanics-I	Digital Electronics & Microprocessor Applications	Computer oriented numerical Techniques Introduction to Java (AITD)	Integrated Electronics	Electrical Measurement & Instruments	System Analysis & Design	Mining Geology – I

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Date: 11/02/2021

Programme of the S.E (Civil, Mechanical, Electronics & Telecommunication/ Electronics Comm Engg, Computer, Electrical & Electronics Information Technology and Mining) Semester- IV (Revised 2007-08 Course) Examination to be held in March, 2021.

Time: 02.00 p.m. to 04.00 p.m. (02 hours)*

*** ANSWER SCRIPTS TO BE UPLOADED LATEST BY 06.00 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)
THURSDAY 04/03/2021	Numerical Methods in Computer Programming	Theory of Machines -I	Applied Mathematics-IV	Discrete Mathematical Structures	Numerical Techniques and Programming	Discrete Mathematical Structures	Mine Development
TUESDAY 09/03/2021	Structural Analysis-I	Mechanics of Solids	Signals & Systems	Data Structures	Linear Integrated Circuits	Signal s& Systems	Fluid Mechanics & Machinery
MONDAY 15/03/2021	Fluid Mechanics-II	Numerical Techniques & Computer Programming	Electrical Technology	Computer Organization	Electrical Power	Computer Hardware and Troubleshooting	Mining Geology II
FRIDAY 19/03/2021	Surveying- I	Electrical Technology	Electromagnetic Fields and Waves	Electronic Measurements	Electrical Machines-II	Microprocessors & Interfacing	Surveying -I
WEDNESDAY 24/03/2021	Engineering Geology	Manufacturing Technology- I	Linear Integrated Circuits	System Analysis & Design	Anlog and Digital Communication	Design and Analysis of Algorithms	Rock Mechanics & Ground Control -I
TUESDAY 30/03/2021	Building Drawing-I	Energy Conversion	Data Structure Using C++	Object Oriented Programming and Design Using C++	Economics & Management	Object oriented Programming Systems	Numerical Techniques & Statistics

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Date: 11/02/2021

Programme of the T.E (Civil, Mechanical, Electronics & Telecommunication/Electronics Comm Engg, Computer, Electrical & Electronics, Information Technology and Mining) Semester- V (Revised Course 2007-08) Examination to be held in March, 2021.

Time: 02.00 p.m. to 04.00 p.m. (02 hours)*

*** ANSWER SCRIPTS TO BE UPLOADED LATEST BY 06.00 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 01/03/2021	Structural Analysis-II	Machine Design-I	Probability Theory and Random Processes	Organizational Behaviour & Cyber Law	Electromagnetic Theory	Introduction to Data Communication	Surveying -II
FRIDAY 05/03/2021	Geotechnical Engineering-I	Engineering Economics & Management	Control System Engineering	Automata Language and Computation	Electrical Machines- III	Digital Signal Processing	Rock Mechanics & Ground Control - II
WEDNESDAY 10/03/2021	Building Drawing-II	Heat & Mass Transfer	Communication Engineering -I	Microprocessors & Microcontrollers	Design of Electronic Circuits	Software Engineering	Mining Machinery - I
TUESDAY 16/03/2021	Design of Concrete Structures	Manufacturing Technology-II	Microprocessors	Computer Hardware Design	Control Engineering	Intelligent Agents	Mine Management & Legislation
SATURDAY 20/03/2021	Transportation Engineering-I	Theory of Machines - II	Digital Signal Processing	Data Base Management System.	Microprocessors & Interfacing	Operating Systems	Surface Mining
THURSDAY 25/03/2021	Design of Steel Structures-I	Quality Engineering Management	Transmission Lines and Waveguides	Operating Systems	Electronic Instrumentation	Database Management Systems	Underground Coal Mining

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Programme of the T.E (Civil, Mechanical, Electronics & Telecommunication/Electronics Comm Engg, Computer, Electrical & Electronics, Information Technology and Mining) Semester- VI (Revised Course 2007-08) Examination to be held in March, 2021.


Time: 02.00 p.m. to 04.00 p.m. (02 hours)*

*** ANSWER SCRIPTS TO BE UPLOADED LATEST BY 06.00 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 02/03/2021	Structural Design & Detailing in Concrete	Industrial Engineering	Communication Engineering II	Modern Algorithm Design Foundation	Power Electronics	Entrepreneurship Development	Mining Machinery –II
SATURDAY 06/03/2021	Transportation Engineering- II	Machine Design -II	Peripheral Devices & Interfacing	Object Oriented Software Engineering	Digital Signal Processing	Theory of Computation	Mine Environment –I
			Introduction to Embedded systems Design (AITD)				
FRIDAY 12/03/2021	Geotechnical Engineering -II	Gas Dynamics & Turbomachinaries	Power Electronics	Artificial Intelligence	Electrical Power System-I	Computer Networks	Mineral Processing
WEDNESDAY 17/03/2021	Environmental Engineering -I	Engineering Measurements & Metrology	Antenna & Wave Propagation	Computer Graphics	Electrical Drives & Control	Computer Graphics	Underground Metal Mining
MONDAY 22/03/2021	Design of Steel Structures- II	Mechatronics	Electronic Instrumentation	Device Interface & PC Maintenance	Embedded Systems	Web Technologies	Mine Economics & Valuation
FRIDAY 26/03/2021	Surveying - II	Operations & Project Management	VLSI Technology & Design	Data Communication	Electrical Machine Design	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 Course 2007-08) Examination to be held in March, 2021.

Time: 02.30 p.m. to 04.30 p.m. (02 hours) (OFFLINE MODE)

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 03/03/2021	Environmental Engg.II	CAD/CAM	Data Communication	Language Translators	VLSI Circuit Design	Distributed Systems	Mine Environment –II
MONDAY 08/03/2021	Design of Reinforced and Prestressed Concrete	Refrigeration & Air Conditioning	Microwave and Radar Engineering	Computer Networks	Electrical Power System-II	Principles of Compilers	Mine Disaster Management
SATURDAY 13/03/2021	Estimation and Costing	Manufacturing Technology-III	Optical Fiber Communication	Digital Signal Processing	Advanced Controlled Drives	Mobile Computing	Mine Environmental Management
THURSDAY 18/03/2021	Elective-I (1) Advanced Geotechnical Engineering (2) Structural Dynamics (3) Air Pollution (4) Advanced Reinforced Concrete Design (5) Low Cost Housing	Elective-I (1) Advance Mechanic of Solids (2) Tool Engineering Design (3) Cryogenics (4) Engineering Tribology (5) Management Information System (6) 6-Sigma Management (7) Analysis & Synthesis of Mechanisms (8) Artificial Intelligence	Elective-I (1) Embedded Systems/Introduction to Peripheral Devices and Interfacing (2) Operating Systems (3) Hardware Description Language (4) Virtual Instrumentation (5) Wavelets and Multirate Digital Signal Processing (6) Electronic Circuit Design, Simulation and Testing (7) Introduction to JAVA and J2EE/Acousting Engineering (8) Optical Computing (9) Process Control Instrumentation	Elective-I (1) VLSI Design (2) Software Development Framework (J2EE/NET) (3) Fuzzy Logic & Neural Networks (4) Web Technology	Elective-I (1) Power System Deregulation (2) Switch Mode Power Conversion (3) Electrical Estimation & costing (4) Advanced Digital Signal Processing (5) Neural Networks and Fuzzy Logic (6) Data Base Management Systems	Elective-I (1) Data Mining & Warehousing. (2) Genetic Algorithms (3) Bio Informatics (4) E-Commerce	Elective-I (1) Rock Fragmentation Engineering (2) Underground Space Technology (3) Petroleum Engineering
TUESDAY 23/03/2021	Elective-II (1) Rock Mechanics (2) Applied Engineering Geology (3) Finite Elements in Civil Engineering (4) Design of Hydraulic Structures	Elective-II (1) Random Vibration (2) Advanced Material Technology (3) Rapid Prototyping (4) Design of Thermal System (5) Stochastic Process (6) Applied Operation Research (7) Automobile Engineering (8) MEMS	Elective-II (1) Mobile Communication Systems (2) Artificial Neural Networks (3) Secure Communications (4) Nanoelectronics (5) Optical Networking (6) Adaptive Signal Processing (7) Lower Power VLSI Design Techniques (AITD) (8) Multimedia Systems (AITD) (9) Artificial Intelligence (AITD)	Elective-II (1) Data Compression (2) Geographical Information Systems (3) Bio Informatics (4) Project Management and Quality Assurance	Elective-II (1) Engineering Design (2) Special Electric Machine (3) Flexible A.C. Transmission System (4) Data Communication & Networking (5) Industrial Robotics (6) Satellite Communication	Elective-II (1) Geographical Information System (2) Cyber Laws & Computer Forensic (3) Financial Engineering (4) IT Business Methodology	Elective-II (1) Geodetic Surveying (2) Optimisation Technique in Mineral Industry (3) Computer Programming (Oops) in C ++

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Programme of the B.E (Civil, Mechanical, Electronics & Telecommunication/Electronics Comm Engg, Computer, Electrical & Electronics, Information Technology and Mining) Semester- VIII (Revised Course 2007-08) Examination to be held in March, 2021.

Time: 10.30 p.m. to 12.30 p.m. (02 hours) (OFFLINE MODE)

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 04/03/2021	Irrigation & Water Resource Engineering.	Reliability Based Design	Satellite & Television Engineering.	Advanced Data Structures and Algorithm	High Voltage Engineering.	Image Processing & Pattern Recognition.	Mine Planning & Design
TUESDAY 09/03/2021	Construction Project Management.	Power Plant Engineering	Wireless Communications.	Computer Cryptography & Network Security	Principles of Industrial Engineering	Computer Cryptography & Network Security	Mine Safety & Legislation
MONDAY 15/03/2021	Elective-III (1) Ground Improvement Techniques. (2) Advanced Structural Analysis. (3) Industrial Waste Treatment. (4) Prestressed Concrete (5) Occupational Safety & Health.	Elective-III (1) Finite Element Methods (2) Industrial Robotics (3) Computational Fluid Mechanics. (4) Maintenance Engineering & Management. (5) System Simulation (6) Control System Engineering. (7) Energy management	Elective-III (1) Consumer Electronics (2) Speech Signal Processing. (3) Mobile Computing. (4) Introduction to Robotics. (5) ASIC Design & FPGA. (6) Microwave Networks & Applications. (9)Error Control Coding.	Elective-III (1) Embedded System Design. (2) Multimedia System. (3) Distributed Operating System. (4) Data Mining. (5) Web Services.	Elective-III (1) Transient over Voltage in Power System. (2) Energy Engg. & Management (3) Testing & Commissioning of Electrical Equipment. (4) Protective Static Relays. (5) Cryptography & Network Security (6) Optical Fiber Communications.	Elective-III (1) Web Services. (2) Operation Research (3) Design Patterns & Frameworks. (4) Fuzzy Logic & Neural Networks.	Elective-III (1) Rock Slope Engineering (2) Geostatistics (3) Small Scale Mining Ocean Mining
FRIDAY 19/03/2021	Elective-IV (1) Soil Dynamics & Machine Foundation. (2) Advanced Engineering Geology. (3) Earthquakes Resistant Structures. (4) Design of Bridge Structures.	Elective-IV (1) Precision Engineering. (2) Advanced Metal forming. (3) Supply Chain Management. (4) Low cost Automation. (5) Fluid Power Control. (6) Nano Technology. (7) fibre reinforced composite	Elective-IV (1) E-Commerce. (2) Bio-Medical Electronics & Instrumentation (3) Digital Image Processing (4) Electromagnetic Interf./ Electromagnetic Compat. (5) Ad-hoc Wireless Networks. (6) Global System for Mobile Communication. (7) Mobile Phone Programming.	Elective-IV (1) Genetic Algorithms (2) Image Processing . (3) Mobile Computing. (4) Machine Vision & Learning.	Elective-IV (1) Power Quality. (2) Image Processing & Machine Vision. (3) Wind & PV Electrical Energy Systems. (4) Biomedical Instrumentation. (5) Optimization Techniques. (6) Illumination Engineering.	Elective-IV (1) VLSI Design. (2) Embedded System Design. (3) System Performance & Evaluation. (4) Advanced Computer Architecture	Elective-IV (1) Entrepreneurship Development (2) Exploration Geology (3) Computer Applications in Mining

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