



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/2020/344

Date: 04/09/2020

Programme of the F.E. Semester-I (Revised Course 2007-2008) Examination to be held in September/October, 2020.

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

SUBJECT	DAY & DATE	TIME	DURATION
Applied Mathematics-I	TUESDAY 29/09/2020	10.00 a.m. to 12.00 p.m.	2 hours
Applied Science-I (Physics & Chemistry)	THURSDAY 08/10/2020	10.00 a.m. to 12.00 p.m.	2 hours
Basic Civil Engineering & Engineering Mechanics	TUESDAY 13/10/2020	10.00 a.m. to 12.00 p.m.	2 hours
Basic Electrical Engineering	FRIDAY 16/10/2020	10.00 a.m. to 12.00 p.m.	2 hours
Engineering Graphics	TUESDAY 20/10/2020	10.00 a.m. to 12.00 p.m.	2 hours
Communication Skills	FRIDAY 23/10/2020	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 September/October, 2020.

SUBJECT	DAY & DATE	TIME	DURATION
Applied Mathematics-II	THURSDAY 01/10/2020	10.00 a.m. to 12.00 p.m.	2 hours
Applied Science-II (Physics & Chemistry)	SATURDAY 10/10/2020	10.00 a.m. to 12.00 p.m.	2 hours
Information Technology	WEDNESDAY 14/10/2020	10.00 a.m. to 12.00 p.m.	2 hours
Basic Mechanical Engineering	SATURDAY 17/10/2020	10.00 a.m. to 12.00 p.m.	2 hours
Basic Electronic Engineering	WEDNESDAY 21/10/2020	10.00 a.m. to 12.00 p.m.	2 hours
Environmental & Social Sciences	SATURDAY 24/10/2020	10.00 a.m. to 12.00 p.m.	2 hours

Place: Taleigao Plateau-Goa

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Date: 04/09/2020

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 September/October, 2020.

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)
TUESDAY 06/10/2020	Applied Mathematics	Engineering Mathematics	Applied Mathematics-III	Applied Mathematics-III	Engg. Mathematics-III	Applied Mathematics- III	Engineering Mathematics – III
MONDAY 12/10/2020	Managerial Economics	Machine Drawing	Digital System Design	Basic of C++	Digital Integrated Circuits	Numerical Methods	Electrical Drives & Digital Electronics
THURSDAY 15/10/2020	Building Construction	Applied Thermodynamics	Network Analysis & Synthesis	Principles of Programming Languages	Electrical Circuit Analysis & Synthesis	Analog & Digital Circuits	Mechanics of Solids
MONDAY 19/10/2020	Strength of Materials	Engineering Material Science	Electronics Devices & Circuits	Computer Oriented Numerical Techniques	Electrical Machine-I	Computer Organization & Architecture	Elements of Mining Engineering
THURSDAY 22/10/2020	Concrete Technology	Fluid Mechanics	Managerial Economics	Logic Design	Electronic Devices & Circuits	Data Structures Using C	Machine Drawing & CAD
MONDAY 26/10/2020	Fluid Mechanics-I	Digital Electronics & Microprocessor Applications	Computer oriented numerical Techniques	Integrated Electronics	Electrical Measurement & Instruments	System Analysis & Design	Mining Geology – I
			Introduction to Java (AITD)				

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Date: 04/09/2020

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 September/October, 2020.

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)
MONDAY 28/09/2020	Numerical Methods in Computer Programming	Theory of Machines -I	Applied Mathematics-IV	Discrete Mathematical Structures	Numerical Techniques and Programming	Discrete Mathematical Structures	Mine Development
WEDNESDAY 30/09/2020	Structural Analysis-I	Mechanics of Solids	Signals & Systems	Data Structures	Linear Integrated Circuits	Signal s& Systems	Fluid Mechanics & Machinery
SATURDAY 03/10/2020	Fluid Mechanics-II	Numerical Techniques & Computer Programming	Electrical Technology	Computer Organization	Electrical Power	Computer Hardware and Troubleshooting	Mining Geology II
MONDAY 05/10/2020	Surveying- I	Electrical Technology	Electromagnetic Fields and Waves	Electronic Measurements	Electrical Machines-II	Microprocessors & Interfacing	Surveying –I
WEDNESDAY 07/10/2020	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
FRIDAY 09/10/2020	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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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 September/October, 2020.

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 29/09/2020	Structural Analysis-II	Machine Design-I	Probability Theory & Random Processes	Organizational Behaviour & Cyber Law	Electromagnetic Theory	Introduction to Data Communication	Surveying -II
THURSDAY 08/10/2020	Geotechnical Engineering-I	Engineering Economics & Management	Control System Engineering	Automata Languages and Computation	Electrical Machines- III	Digital Signal Processing	Rock Mechanics & Ground Control - II
TUESDAY 13/10/2020	Building Drawing-II	Heat & Mass Transfer	Communication Engineering -I	Microprocessors & Microcontrollers	Design of Electronic Circuits	Software Engineering	Mining Machinery – I
FRIDAY 16/10/2020	Design of Concrete Structures	Manufacturing Technology-II	Microprocessors	Computer Hardware Design	Control Engineering	Intelligent Agents	Mine Management & Legislation
TUESDAY 20/10/2020	Transportation Engineering-I	Theory of Machines - II	Digital Signal Processing	Data Base Management System.	Microprocessors & Interfacing	Operating Systems	Surface Mining
FRIDAY 23/10/2020	Design of Steel Structures-I	Quality Engineering Management	Transmission Lines & 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 September/October, 2020.

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)
THURSDAY 01/10/2020	Structural Design & Detailing in Concrete	Industrial Engineering	Communication Engineering II	Modern Algorithm Design Foundation	Power Electronics	Entrepreneurship Development	Mining Machinery -II
SATURDAY 10/10/2020	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 system Design (AITD)				
WEDNESDAY 14/10/2020	Geotechnical Engineering -II	Gas Dynamics & Turbomachinaries	Power Electronics	Artificial Intelligence	Electrical Power System-I	Computer Networks	Mineral Processing
SATURDAY 17/10/2020	Environmental Engineering -I	Engineering Measurements & Metriology	Antenna & Wave Propagation	Computer Graphics	Electrical Drives & Control	Computer Graphics	Underground Metal Mining
WEDNESDAY 21/10/2020	Design of Steel Structures- II	Mechatronics	Electronic Instrumentation	Device Interface & PC Maintenance	Embedded Systems	Web Technologies	Mine Economics & Valuation
SATURDAY 24/10/2020	Surveying - II	Operation & 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 September/October, 2020.

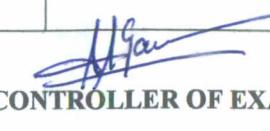
Time: 02.00 p.m. to 04.00 p.m. (02 hours)*

*** ANSWER SCRIPTS TO BE UPLOADED LATEST BY 06.00 P.M.**

Day & Date	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 06/10/2020	Environmental Engg.II	CAD/CAM	Data Communication	Language Translators	VLSI Circuit Design	Distributed Systems	Mine Environment -II
MONDAY 12/10/2020	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
THURSDAY 15/10/2020	Estimation and Costing	Manufacturing Technology-III	Optical Fiber Communication	Digital Signal Processing	Advanced Controlled Drives	Mobile Computing	Mine Environmental Management
MONDAY 19/10/2020	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
THURSDAY 22/10/2020	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 System (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 September/October, 2020.

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

*** ANSWER SCRIPTS TO BE UPLOADED LATEST BY 02.00 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)
MONDAY 28/09/2020	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
WEDNESDAY 30/09/2020	Construction Project Management.	Power Plant Engineering	Wireless Communications.	Computer Cryptography & Network Security	Principles of Industrial Engineering	Computer Cryptography & Network Security	Mine Safety & Legislation
SATURDAY 03/10/2020	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
MONDAY 05/10/2020	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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