



# 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/2019/1325

Date: 14/08/2019

**Programme of the F.E. Semester-I (Revised Course 2007-2008) Examination to be held in November/December, 2019**

SUBJECT	DAY & DATE	TIME	DURATION
Applied Mathematics-I	MONDAY 11/11/2019	9.30 a.m. to 12.30 p.m.	3 hours
Applied Science-I (Physics & Chemistry)	FRIDAY 15/11/2019	9.30 a.m. to 12.30 p.m.	3 hours
Basic Civil Engineering & Engineering Mechanics	WEDNESDAY 20/11/2019	9.30 a.m. to 12.30 p.m.	3 hours
Basic Electrical Engineering	MONDAY 25/11/2019	9.30 a.m. to 12.30 p.m.	3 hours
Engineering Graphics	FRIDAY 29/11/2019	9.30 a.m. to 1.30 p.m.	4 hours
Communication Skills	THURSDAY 05/12/2019	9.30 a.m. to 12.30 p.m.	3 hours

**Programme of the F.E. Semester-II (Revised Course 2007-2008) Examinations to be held in November/December, 2019**

SUBJECT	DAY & DATE	TIME	DURATION
Applied Mathematics-II	TUESDAY 12/11/2019	9.30 a.m. to 12.30 p.m.	3 hours
Applied Science-II (Physics & Chemistry)	SATURDAY 16/11/2019	9.30 a.m. to 12.30 p.m.	3 hours
Information Technology	THURSDAY 21/11/2019	9.30 a.m. to 12.30 p.m.	3 hours
Basic Mechanical Engineering	TUESDAY 26/11/2019	9.30 a.m. to 12.30 p.m.	3 hours
Basic Electronic Engineering	SATURDAY 30/11/2019	9.30 a.m. to 12.30 p.m.	3 hours
Environmental & Social Sciences	FRIDAY 06/12/2019	9.30 a.m. to 12.30 p.m.	3 hours

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Date: 14/08/2019

**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 November/December, 2019.**

**Time: 9.30 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 )
<b>WEDNESDAY</b> 13/11/2019	Applied Mathematics	Engineering Mathematics	Applied Mathematics-III	Applied Mathematics-III	Engg. Mathematics-III	Applied Mathematics- III	Engineering Mathematics - III
<b>MONDAY</b> 18/11/2019	Managerial Economics	Machine Drawing (4hrs- 9.30am to 1.30 pm)	Digital System Design	Basic of C++	Digital Integrated Circuits	Numerical Methods	Electrical Drives & Digital Electronics
<b>FRIDAY</b> 22/11/2019	Building Construction	Applied Thermodynamics	Network Analysis & Synthesis	Principles of Programming Languages	Electrical Circuit Analysis & Synthesis	Analog & Digital Circuits	Mechanics of Solids
<b>WEDNESDAY</b> 27/11/2019	Strength of Materials	Engineering Material Science	Electronics Devices & Circuits	Computer Oriented Numerical Techniques	Electrical Machine-I	Computer Organization & Architecture	Elements of Mining Engineering
<b>MONDAY</b> 02/12/2019	Concrete Technology	Fluid Mechanics	Managerial Economics	Logic Design	Electronic Devices & Circuits	Data Structures Using C	Machine Drawing & CAD 4hrs-(9.30am to 1.30 pm)
<b>SATURDAY</b> 07/12/2019	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: 14/08/2019

**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 November/December, 2019.**

**Time: 9.30 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)
<b>THURSDAY</b> 14/11/2019	Numerical Methods in Computer Programming	Theory of Machines -I	Applied Mathematics-IV	Discrete Mathematical Structures	Numerical Techniques and Programming	Discrete Mathematical Structures	Mine Development
<b>TUESDAY</b> 19/11/2019	Structural Analysis-II	Mechanics of Solids	Signals & Systems	Data Structures	Linear Integrated Circuits	Signal s& Systems	Fluid Mechanics & Machinery
<b>SATURDAY</b> 23/11/2019	Fluid Mechanics-II	Numerical Techniques & Computer Programming	Electrical Technology	Computer Organization	Electrical Power	Computer Hardware and Troubleshooting	Mining Geology II
<b>THURSDAY</b> 28/11/2019	Surveying- I	Electrical Technology	Electromagnetic Fields and Waves	Electronic Measurements	Electrical Machines-II	Microprocessors & Interfacing	Surveying -I
<b>WEDNESDAY</b> 04/12/2019	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
<b>MONDAY</b> 09/12/2019	Building Drawing-II (4hrs- 9.30am to 1.30 pm)	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: 14/08/2019

**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 November/December, 2019.**

**Time: 9.30 am to 12.30 pm**

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)
<b>MONDAY</b> 11/11/2019	Structural Analysis-II	Machine Design-I	Probability Theory & Random Processes	Organizational Behaviour & Cyber Law	Electromagnetic Theory	Introduction to Data Communication	Surveying –II
<b>FRIDAY</b> 15/11/2019	Geotechnical Engineering-I	Engineering Economics & Management	Control System Engineering	Automata Languages and Computation	Electrical Machines- III	Digital Signal Processing	Rock Mechanics & Ground Control - II
<b>WEDNESDAY</b> 20/11/2019	Building Drawing-II (4hrs- 9.30am to 1.30 pm)	Heat & Mass Transfer	Communication Engineering -I	Microprocessors & Microcontrollers	Design of Electronic Circuits	Software Engineering	Mining Machinery – I
<b>MONDAY</b> 25/11/2019	Design of Concrete Structures	Manufacturing Technology-II	Microprocessors	Computer Hardware Design	Control Engineering	Intelligent Agents	Mine Management & Legislation
<b>FRIDAY</b> 29/11/2019	Transportation Engineering-I	Theory of Machines - II	Digital Signal Processing	Data Base Management System.	Microprocessors & Interfacing	Operating Systems	Surface Mining
<b>THURSDAY</b> 05/12/2019	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 November/December, 2019.**

**Time: 2.00 p.m. to 5.00 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)
<b>TUESDAY</b> 12/11/2019	Structural Design & Detailing in Concrete	Industrial Engineering	Communication Engineering II	Modern Algorithm Design Foundation	Power Electronics	Entrepreneurship Development	Mining Machinery -II
<b>SATURDAY</b> 16/11/2019	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)				
<b>THURSDAY</b> 21/11/2019	Geotechnical Engineering -II	Gas Dynamics & Turbomachinaries	Power Electronics	Artificial Intelligence	Electrical Power System-I	Computer Networks	Mineral Processing
<b>TUESDAY</b> 26/11/2019	Environmental Engineering -I	Engineering Measurements & Metrology	Antenna & Wave Propagation	Computer Graphics	Electrical Drives & Control	Computer Graphics	Underground Metal Mining
<b>SATURDAY</b> 30/11/2019	Design of Steel Structures- II	Mechatronics	Electronic Instrumentation	Device Interface & PC Maintenance	Embedded Systems	Web Technologies	Mine Economics & Valuation
<b>FRIDAY</b> 06/12/2019	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 November/December ,2019.**

**Time : 9.30 am to 12.30pm**

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 )
<b>WEDNESDAY</b> 13/11/2019	Environmental Engg.II	CAD/CAM	Data Communication	Language Translators	VLSI Circuit Design	Distributed Systems	Mine Environment –II
<b>MONDAY</b> 18/11/2019	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
<b>FRIDAY</b> 22/11/2019	Estimation and Costing	Manufacturing Technology-III	Optical Fiber Communication	Digital Signal Processing	Advanced Controlled Drives	Mobile Computing	Mine Environmental Management
<b>WEDNESDAY</b> 27/11/2019	<b>Elective-I</b> (1) Advanced Geotechnical Engineering (2) Structural Dynamics (3) Air Pollution (4) Advanced Reinforced Concrete Design (5) Low Cost Housing	<b>Elective-I</b> (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	<b>Elective-I</b> (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	<b>Elective-I</b> (1) VLSI Design (2) Software Development Framework (J2EE/NET) (3) Fuzzy Logic & Neural Networks (4) Web Technology	<b>Elective-I</b> (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	<b>Elective-I</b> (1) Data Mining & Warehousing. (2) Genetic Algorithms (3) Bio Informatics (4) E-Commerce	<b>Elective-I</b> (1) Rock Fragmentation Engineering (2) Underground Space Technology (3) Petroleum Engineering
<b>MONDAY</b> 02/12/2019	<b>Elective-II</b> (1) Rock Mechanics (2) Applied Engineering Geology (3) Finite Elements in Civil Engineering (4) Design of Hydraulic Structures	<b>Elective-II</b> (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	<b>Elective-II</b> (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)	<b>Elective-II</b> (1) Data Compression (2) Geographical Information Systems (3) Bio Informatics (4) Project Management and Quality Assurance	<b>Elective-II</b> (1) Engineering Design (2) Special Electric Machine (3) Flexible A.C. Transmission System (4) Data Communication & Networking (5) Industrial Robotics (6) Satellite Communication	<b>Elective-II</b> (1) Geographical Information System (2) Cyber Laws & Computer Forensic (3) Financial Engineering (4) IT Business Methodology	<b>Elective-II</b> (1) Geodetic Surveying (2) Optimisation Technique in Mineral Industry (3) Computer Programming (Oops) in C++



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**Examination 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 November/December, 2019.**

**Time: 2.00 pm to 5.00pm**

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)
<b>THURSDAY</b> 14/11/2019	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
<b>TUESDAY</b> 19/11/2019	Construction Project Management.	Power Plant Engineering	Wireless Communications.	Computer Cryptography & Network Security	Principles of Industrial Engineering	Computer Cryptography & Network Security	Mine Safety & Legislation
<b>SATURDAY</b> 23/11/2019	<b>Elective-III</b> (1) Ground Improvement Techniques. (2) Advanced Structural Analysis. (3) Industrial Waste Treatment. (4) Prestressed Concrete (5) Occupational Safety & Health.	<b>Elective-III</b> (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	<b>Elective-III</b> (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.	<b>Elective-III</b> (1) Embedded System Design. (2) Multimedia System. (3) Distributed Operating System. (4) Data Mining. (5) Web Services.	<b>Elective-III</b> (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.	<b>Elective-III</b> (1) Web Services. (2) Operation Research (3) Design Patterns & Frameworks. (4) Fuzzy Logic & Neural Networks.	<b>Elective-III</b> (1) Rock Slope Engineering (2) Geostatistics (3) Small Scale Mining Ocean Mining
<b>THURSDAY</b> 28/11/2019	<b>Elective-IV</b> (1) Soil Dynamics & Machine Foundation. (2) Advanced Engineering Geology. (3) Earthquakes Resistant Structures. (4) Design of Bridge Structures.	<b>Elective-IV</b> (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 composit	<b>Elective-IV</b> (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.	<b>Elective-IV</b> (1) Genetic Algorithms (2) Image Processing . (3) Mobile Computing. (4) Machine Vision & Learning.	<b>Elective-IV</b> (1) Power Quality. (2) Image Processing & Machine Vision. (3) Wind & PV Electrical Energy Systems. (4) Biomedical Instrumentation. (5) Optimization Techniques. (6) Illumination Engineering.	<b>Elective-IV</b> (1) VLSI Design. (2) Embedded System Design. (3) System Performance & Evaluation. (4) Advanced Computer Architecture	<b>Elective-IV</b> (1) Entrepreneurship Development (2) Exploration Geology (3) Computer Applications in Mining



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