



# GOA UNIVERSITY

REVISED

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./2024/0367

Date: 22/10/2024

## Programme of the F.E. Examinations to be held in November - December 2024

Semester - I

Revised Course: 2019-20

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

Subject	Day	Date	Time	Duration
Basic Electrical & Electronics Engineering	Thursday	21/11/2024	09.30 a.m. to 12.30 p.m.	03 hours
Physics	Monday	25/11/2024	09.30 a.m. to 12.30 p.m.	03 hours
Chemistry	Friday	29/11/2024	09.30 a.m. to 12.30 p.m.	03 hours
Mathematics-I	Friday	06/12/2024	09.30 a.m. to 12.30 p.m.	03 hours
Basics of Mechanical Engineering	Monday	16/12/2024	09.30 a.m. to 12.30 p.m.	03 hours

Place: Taleigao Plateau, Goa.  
Date: 22.10.2024

  
Controller of Examinations



# GOA UNIVERSITY

REVISED

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./2024/0367

Date: 21/10/2024

## Programme of the F.E. Examinations to be held in November - December 2024

**Semester - II**

**Revised Course: 2019-20**

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

Subject	Day	Date	Time	Duration
Mathematics-II	Wednesday	20/11/2024	09.30 a.m. to 12.30 p.m.	03 hours
Physics	Monday	25/11/2024	09.30 a.m. to 12.30 p.m.	03 hours
Chemistry	Friday	29/11/2024	09.30 a.m. to 12.30 p.m.	03 hours
Computer Programming	Thursday	05/12/2024	09.30 a.m. to 12.30 p.m.	03 hours
Introduction to Civil Engineering	Tuesday	10/12/2024	09.30 a.m. to 12.30 p.m.	03 hours

Place: Taleigao Plateau, Goa.  
Date: 21.10.2024

  
Controller of Examinations



Ref No.: GU/Exam (Prof)/B.E./2024/0367

Date: 22/10/2024

**Programme of the S.E (Civil, Mechanical, Electronics & Telecommunication/Electronics Comm. Engg, Computer, Electrical & Electronics, Information Technology, Electronics & Computer Engg., Electronics & Computer Science, VSLI Design & Technology and Mechanical & Automation Engg.)****Semester- III (Revised Course 2019 - 20) Examinations to be held in November - December 2024**  
**Time: 9.30 a.m. to 12.30 p.m.**

Day & Date	S.E. (Civil)	S.E. (Mechanical)	S.E. (Electronics & TC) (Electronics & Commn. Engg)	S.E. (Computer)	S.E. (Electrical & Electronics)	S.E. (Information Technology)	S.E. (Electronics & Computer Engg) E.Comp.	S.E. (Electronics & Computer Science) ECS	S.E. VSLI Design & Technology	S.E. (Mechanical & Automation Engg.)
<b>Tuesday</b> 19/11/2024	Mechanics of Solids	Mathematics - III	Mathematics - III	Mathematics - III	Mathematics - III	Mathematics - III	Mathematics - III	Essential Mathematics for Engineers	Applied Mathematics III	Mathematics - III
<b>Saturday</b> 23/11/2024	Fluid Mechanics	Mechanics of Solids	Circuit Analysis and Synthesis	Logic Design	Electromagnetic Fields	Integrated Electronics	Network Analysis and Synthesis	Electrical Circuits and Systems	Semiconductor Physics	Mechanics of Solids and Fluids
<b>Thursday</b> 28/11/2024	Engineering Geology	Engineering Thermodynamics	Electronic Devices and Circuits	Data Structures	Digital Electronics	Computer Networks	Electronic Devices and Circuits	Electronic Devices and Circuits	Electronics Devices & circuits	Engineering Thermodynamics
<b>Wednesday</b> 04/12/2024	Building Materials and Constructions	Engineering Materials Science and Metallurgy	Digital System Design	Object Oriented Programming System	Electrical Machines - I	Data Structures and Algorithms with C++	Digital Electronics	Digital Electronics	Digital Logic Design	Engineering Material Science & Metallurgy
<b>Friday</b> 13/12/2024	Computer Aided Building Planning and Design - (4hrs) 9.30 a.m. to 01.30 p.m.	Engineering Metrology and Machine Drawing	Electromagnetic Field & Wave Theory	Computer Organization	Electrical Circuit Analysis	Software Engineering	Data Structures and Algorithms using C++	Data Structures and Algorithms using C++	Circuit Analysis and Synthesis	Electrical Drives and Actuators

Place: Taleigao Plateau, Goa.  
Date: 22.10.2024
  
**Controller of Examinations**



# GOA UNIVERSITY

REVISED

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./2024/0367

Date: 21/10/2024

**Programme of the S.E (Civil, Mechanical, Electronics & Telecommunication/ Electronics Comm. Engg, Computer, Electrical & Electronics, Information Technology, Electronics & Computer Engg., Electronics & Computer Science and VLSI Design & Technology)**

**Semester- IV (Revised Course 2019 - 20) Examinations to be held in November - December 2024**

**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. (Electronics & Computer Engg) (E. Comp.)	S.E (Electronics & Computer Science) (ECS)	S.E (VLSI Design & Technology)
<b>Monday</b> 18/11/2024	Surveying & Geomatics	Energy Conversion	Signals & Systems	Discrete Mathematics	Numerical Methods	Computational Techniques	Mathematics - IV	Signal Processing Fundamentals	Digital Signal Processing
<b>Friday</b> 22/11/2024	Hydraulic Engineering	Machine Design	Microprocessors and Interfacing	Microprocessors and Microcontrollers	Electrical Machines - II	Embedded Systems	Computer Organization and Architecture	Computer Organization & Operating Systems	Electromagnetics
<b>Wednesday</b> 27/11/2024	Structural Analysis	Fluid Mechanics	Linear Integrated Circuits	Formal Languages and Automata Theory	Analog Electronics	Object Oriented Programming using Java	Analog Circuits Design	Analog Electronics & Instruments	Microprocessors and Peripherals
<b>Monday</b> 02/12/2024	Transportation Engineering	Analysis and Synthesis of Mechanisms	Transmission Lines and Antennas	Modern Algorithms Design Foundation	Fundamentals of Signal Processing	Operating System	Data Base Management Systems	Microprocessors & Microcontrollers	VLSI Technology and IC Fabrication
<b>Saturday</b> 07/12/2024	Geotechnical Engineering	Economics for Engineers	Statistical Communication Theory	Object Oriented Software Engineering	Renewable Energy	Design and Analysis of Algorithm	Java Programming	Java Programming	Linear Integrated Circuits
<b>Thursday</b> 12/12/2024	Economics for Engineering	---	Engineering Economics and Management	Economics for Engineers	Economics for Engineers	Management and Organizational Behaviour	Business Economics and Management	Business Economics and Management	Engineering Economics and Management

	HONORS/MINOR DEGREE	HONORS/MINOR DEGREE	HONORS/MINOR DEGREE	MINOR DEGREE	MINOR DEGREE	MINOR DEGREE	MINOR DEGREE	MINOR DEGREE	MINOR DEGREE
Tuesday 17/12/2024	1. Low Cost Construction Techniques 2. Construction Economics Finance & Budgeting	1. Rapid Prototyping. 2. Energy Resources Economics and Environment	1. Introduction to Internet of Things	1. Mathematical Foundations for Artificial Intelligence and Machine Learning	1. Introduction to Electrical Vehicles	1. Introduction to Data Science	1. Introduction to Robotics	1. Introduction to Robotics	-----

Place: Taleigao Plateau, Goa.  
Date: 21.10.2024

  
Controller of Examinations



# GOA UNIVERSITY

REVISED

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./2024/0367

Date: 21/10/2024

**Programme of the T.E (Civil, Mechanical, Electronics & Telecommunication/Electronics Comm. Engg, Computer, Electrical & Electronics, Information Technology, Electronics & Computer Engineering, VLSI Design & Technology, and Electronics and Computer Science.)  
Semester- V (Revised Course 2019 - 20) Examinations to be held in November - December 2024**

**Time: 02.00 p.m. to 05.00 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. (Electronics & Computer Engineering) E.Comp	T.E. (VLSI Design & Technology)	T.E. (Electronics and Computer Science) ECS
Thursday 21/11/2024	Concrete Technology	Manufacturing Technology - I	Analog and Digital Communication Communication Engineering (ATFD)	Database Management and Query Processing	Control Systems	Database Management System	Microcontrollers and Interfacing	Digital VLSI Design	Electronics Communication Systems
Tuesday 26/11/2024	Environmental Engineering	Dynamics of Machinery	Digital Signal Processing	Operating Systems	Microprocessors and Microcontroller	Theory of Computation	Operating System	Analog VLSI Design	Database Systems Concepts
Saturday 30/11/2024	1. Pavement Design and Construction 2. Numerical Methods 3. Environmental Impact Assessment and Life Cycle Analysis 4. Foundation Engineering 5. Occupational Safety and Health	1. Advanced Thermodynamics 2. Mechanical Vibrations 3. Mechatronics 4. Management Information System 5. Industrial Safety and Occupational Health	1. Embedded Systems 2. Power Electronics 3. Bio-Medical Engineering 4. Soft Computing 5. Numerical Methods and Approximations 6. Solid State Devices and Technology	1. Graph Theory 2. Neural Networks 3. Object Oriented Programming using JAVA 4. Distributed Operating Systems	1. Digital Signal Processing 2. Illumination Engineering 3. Electrical Machines Design 4. Electric Drives	1. Cloud Computing 2. Software Testing and Quality Assurance 3. Digital Signal Processing 4. Internet of Things	1. Software Engineering 2. Soft Computing 3. Design and Analysis of Algorithms	1. Computer Organization and Design 2. Control Systems Engineering 3. Optimization Techniques	1. Open Source Software Development 2. Software Engineering 3. Soft Computing 4. Design and Analysis of Algorithms 5. Computer Graphics
Friday 06/12/2024	1. Advanced Structural Analysis 2. Ground Improvement Techniques 3. Green Building 4. Rural Water Supply and Onsite Sanitation System 5. Advanced Surveying	1. Gas Dynamics & Turbo Machinery 2. Engineering Tribology 3. Advance Machine Design 4. Micro Electro Mechanical System 5. Instrumentation & Control	1. Microwave Engineering 2. Electromagnetic Compatibility Engineering 3. Theory of Machine Learning 4. Digital Image Processing 5. Electronics Instrumentation and Automation 6. Information Theory & Coding	1. Modern Computer Graphics 2. Web Technologies 3. Testing and Quality Assurance 4. Real-Time Systems	1. Testing & Maintenance of Electrical Machines 2. Analog and Digital Communication 3. Bio-Medical Instrumentation 4. Operation Research	1. Computer Graphics 2. Statistical Models for Information Science 3. Advanced Computer Architecture 4. Graph Theory	1. Power Electronics 2. Principles of Communication Engineering 3. Control System Engineering 4. Digital Signal Processing 5. Consumer Electronics	1. Soft Computing 2. Nanoelectronics 3. Operating Systems	1. Control System Engineering 2. Power Electronics 3. Digital Signal Processing and Applications 4. Transmission Lines and Antennas 5. Consumer Electronics

<b>Wednesday</b> 11/12/2024	<b>OPEN ELECTIVE</b> 1. Green Building 2. Occupational Safety and Health 3. Numerical Methods	<b>OPEN ELECTIVE</b> 1. Instrumentation and Control 2. Mechatronics (OE) 3. Industrial Safety and Occupational Health	<b>OPEN ELECTIVE</b> 1. Soft Computing 2. Bio-Medical Engineering 3. Electronic Instrumentation and Automation 4. Information Theory Coding	<b>OPEN ELECTIVE</b> 1. Neural Network 2. Object Oriented Programming using JAVA 3. Distributed Operating System 4. Modern Computer Graphics 5. Web Technologies 6. Testing and Quality Assurance 7. Real Time & Systems	<b>OPEN ELECTIVE</b> Illumination Engineering	<b>OPEN ELECTIVE</b> 1. Cloud Computing 2. Software Testing and Quality Assurance 3. Internet of Things 4. Computer Graphics 5. Statistical Models for Information Science 6. Graph Theory 7. Digital Signal Processing 8. Advanced Computer Architecture	<b>OPEN ELECTIVE</b> 1. Soft Computing	<b>OPEN ELECTIVE</b> -----	<b>OPEN ELECTIVE</b> 1. Soft Computing
<b>Monday</b> 16/12/2024	Entrepreneurship and IPR	Engineering Statistics	Ethics and Entrepreneurship	Cyber Law & IPR	Entrepreneurship and Intellectual Property	Ethics and Entrepreneurship	Ethics and Entrepreneurship	Ethics and Entrepreneurship	Ethics and Entrepreneurship
<b>Saturday</b> 21/12/2024	<b>HONORS/MINOR DEGREE</b> 1. HVAC & Plumbing 2. Construction Contracts & Specifications	<b>HONORS/MINOR DEGREE</b> 1. Introduction to Renewable Energy Technologies 2. Industry 4.0 and Industrial Internet of Things	<b>HONORS/MINOR DEGREE</b> 1. Introduction to Security of Cyber-Physical Systems	<b>HONORS/MINOR DEGREE</b> 1. Introduction to Artificial Intelligence & Machine Learning	<b>HONORS/MINOR DEGREE</b> 1. Battery Management System	<b>HONORS/MINOR DEGREE</b> 1. Basics of AI and ML	<b>HONORS/MINOR DEGREE</b> 1. Fundamentals of Artificial Intelligence	<b>HONORS/MINOR DEGREE</b> -----	<b>HONORS/MINOR DEGREE</b> 1. Fundamentals of Artificial Intelligence

Place: Taleigao Plateau, Goa.  
Date: 21.10.2024

  
Controller of Examinations





# GOA UNIVERSITY

REVISED

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/2024/0367

Date: 21/10/2024

**Programme of the T.E (Civil, Mechanical, Electronics & Telecommunication\ Electronics Comm. Engg, Computer, Electrical & Electronics, and Information Technology, Electronics and Computer Engg.)**  
**Semester- VI (Revised Course 2019 - 20) Examinations to be held in November – December 2024**

**Time: 02.00 p.m. to 05.00 p.m.**

Day & Date	T.E. (Civil)	T.E. (Mechanical)	T.E. (Electronics & TC) (Electronics & Commn. Engg)	T.E. (Computer)	T.E.. (Electrical & Electronics)	T.E. (Information Technology)	T.E. (Electronics and Computer Engg.)
<b>Wednesday</b> <b>20/11/2024</b>	Design of Reinforced Concrete Structures	Heat and Mass Transfer	Control System Engineering	Modern Computer Networking	Power System - I	Principles of Compilers	Fundamentals of VLSI Design
<b>Monday</b> <b>25/11/2024</b>	Design of Steel Structures	Manufacturing Technology-II	VLSI Technology and Design Digital VLSI (AITD)	Artificial Intelligence	Power Electronics	Web Technology	Computer Networks
<b>Friday</b> <b>29/11/2024</b>	<ol style="list-style-type: none"> <li>1. Geo-synthetics and Application</li> <li>2. Finite Element Method</li> <li>3. Air and Noise Pollution and Control</li> <li>4. Advanced Engineering Geology</li> <li>5. Remote Sensing and GIS</li> </ol>	<ol style="list-style-type: none"> <li>1. Power Plant Engineering</li> <li>2. Advanced Mechanics of Solids</li> <li>3. Fibre Reinforced Composites</li> <li>4. Quality and Reliability</li> <li>5. Applied Operations Research</li> </ol>	<ol style="list-style-type: none"> <li>1. Real Time Operating Systems</li> <li>2. Radar System Engineering</li> <li>3. Artificial Neural Networks</li> <li>4. Nano Electronics</li> <li>5. Wireless Sensor Networks</li> <li>6. Deep Learning</li> </ol>	<ol style="list-style-type: none"> <li>1. Computational Number Theory</li> <li>2. Advanced Computer Organization and Architecture</li> <li>3. Speech and Natural language Processing</li> <li>4. Data Mining and Data Warehousing</li> </ol>	<ol style="list-style-type: none"> <li>1. Distributed Generation and Microgrid</li> <li>2. Power Quality</li> <li>3. Digital Control System</li> <li>4. Artificial Neural Network and Fuzzy Logic</li> </ol>	<ol style="list-style-type: none"> <li>1. Natural Language Processing</li> <li>2. Artificial Intelligence and Fuzzy Logic</li> <li>3. Distributed System</li> <li>4. Queuing Theory and Modeling</li> </ol>	<ol style="list-style-type: none"> <li>1. Artificial Intelligence</li> <li>2. Augmented Reality and Virtual Reality</li> <li>3. Mobile Phone Programming</li> <li>4. Software Testing and Quality Assurance</li> <li>5. Introduction to Formal Languages and Automata</li> </ol>



<p><b>Thursday</b> <b>05/12/2024</b></p>	<p>1. Bridge Engineering 2. Construction Equipment and Automation 3. Structural Dynamics 4. Advanced Geotech Engineering 5. Ground Water Engineering</p>	<p>1. Alternate Energy Sources 2. Tool Engineering 3. Fluid Power Control 4. Supply Chain Management 5. System Modelling and Simulation</p>	<p>1. Motor Control and Application 2. Adaptive Signal Processing 3. Bio-Medical Electronics and Instrumentation 4. Mobile Communication 5. Error Control Coding 6. Image Processing 7. ARM Architecture and Programming 8. Micro Electro-Mechanical Systems</p>	<p>1. High Performance Computing 2. Information Retrieval 3. Image Processing &amp; Vision 4. Cloud Computing &amp; Application</p>	<p>1. Power System Protection 2. VLSI Circuit Design 3. Hybrid Vehicles 4. Electrical Energy Conservation and Auditing</p>	<p>1. Java programming 2. Open Source Software Development 3. Computer Forensics &amp; Cyber Security 4. E-Commerce</p>	<p>1. Digital Image Processing 2. Information Theory and Coding 3. Advanced Microcontroller 4. Mobile Communication 5. Robotics</p>
<p><b>Tuesday</b> <b>10/12/2024</b></p>	<p><b>OPEN ELECTIVE</b> 1. Air &amp; Noise Pollution 2. Ground Water Engineering</p>	<p><b>OPEN ELECTIVE</b> 1. Supply Chain Management 2. Alternate Energy Sources</p>	<p><b>OPEN ELECTIVE</b> 1. Artificial Neural Network 2. Biomedical Electronics and Instrumentation 3. Motor Control and its Applications 4. Wireless Sensor Network 5. Micro Electro Mechanical System</p>	<p><b>OPEN ELECTIVE</b> 1. Data Mining and Data Warehousing 2. Image Processing &amp; Vision 3. Cloud Computing and its Application</p>	<p><b>OPEN ELECTIVE</b> 1. Electrical Energy Conservation 2. Hybrid Vehicles</p>	<p><b>OPEN ELECTIVE</b> 1. Artificial Intelligence and Fuzzy Logic 2. Java Programming 3. Open Source Software Development 4. Computer Forensic &amp; Cyber Security 5. E-Commerce</p>	<p><b>OPEN ELECTIVE</b> 1. Information Theory &amp; Coding</p>
<p><b>Saturday</b> <b>14/12/2024</b></p>	<p>Estimation and Costing</p>	<p>Technical English and Report Writing</p>	<p>Cyber Law and IPR</p>	<p>Technical Writing and Professional Ethics</p>	<p>Management and Organizational Behavior</p>	<p>Technical English and Report Writing</p>	<p>Cyber Law &amp; IPR</p>

<b>Friday</b> <b>20/12/2024</b>	<b>HONORS/MINOR DEGREE</b> 1. Corporate Law and Arbitration 2. Formwork Design	<b>HONORS/MINOR DEGREE</b> 1. PLC and SCADA 2. Biomass Energy System	<b>HONORS/MINOR DEGREE</b> 1. Ubiquitous Sensing, Computing and Communication	<b>MINOR DEGREE</b> 1. Data Science and Analytics	<b>MINOR DEGREE</b> 1. Electrical Vehicle Drives & Control	<b>MINOR DEGREE</b> 1. Computational Data Analytics	<b>MINOR DEGREE</b> 1. Robot Programming
------------------------------------	--	--	--	--	---	--	---

  
**Controller of Examinations**

**Place: Taleigao Plateau, Goa.**  
**Date: 21.10.2024**



# GOA UNIVERSITY

REVISED

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

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

Ref No.: GU/Exam (Prof)/B.E/2024/0367

Date: 21/10/2024

**Programme of the B.E (Civil, Mechanical, Electronics & Telecommunication/ Electronics Comm. Engg, Computer, Electrical & Electronics, Information Technology, & Electronics and Computer Engg.)  
Semester- VII (Revised Course 2019 - 20) Examinations to be held in November - December 2024**

**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. (Electronics and Computer Engg.) E.Comp.
<b>Tuesday</b> 19/11/2024	Construction Engineering and Management	CAD/CAM	Data Communication	Compiler Design	Power System - II	Image Processing	Industrial Automation and Instrumentation
<b>Saturday</b> 23/11/2024	1. Structural Repair and Retrofitting 2. Designs of Prestressed Concrete Structures 3. Soil Dynamics and Machine Foundations 4. Advance Steel Structures 5. Biological Processes for Contaminant Removal	1. Refrigeration and Air Conditioning 2. Finite Element Method 3. Six Sigma Management 4. Advanced Optimization 5. Additive Manufacturing	1. Robotics 2. Machine Learning 3. Wavelets and Multirate Signal Processing 4. Consumer Electronics 5. Hardware Description Language 6. Internet of things 7. Analog VLSI	1. Embedded Systems & Design 2. Machine Learning 3. Data Analytics 4. Mobile Computing & Android Programming	1. Flexible AC Transmission System 2. Image Processing 3. Smart Grid 4. PLC and its Applications	1. Data Analytics 2. Wireless Sensor Network 3. Genetic Algorithms 4. Object Oriented Modeling using UML	1. Blockchain Technology 2. Machine Learning 3. Hardware Descriptive Languages 4. Wireless Sensor Networks 5. Advance Database Systems
<b>Thursday</b> 28/11/2024	<u>OPEN ELECTIVE</u> Biological Processes for Contaminant Removal	<u>OPEN ELECTIVE</u> 1. Refrigeration and Air-Conditioning 2. Additive Manufacturing 3. Six Sigma Management	<u>OPEN ELECTIVE</u> 1. Robotics 2. Machine Learning 3. Consumer Electronics	<u>OPEN ELECTIVE</u> 1. Embedded Systems & Design 2. Machine Learning 3. Data Analytics 4. Mobile Computing & Android Programming	<u>OPEN ELECTIVE</u> 1. PLC and its Applications	<u>OPEN ELECTIVE</u> 1. Data Analytics 2. Wireless Sensor Network 3. Genetic Algorithms 4. Object Oriented Modeling using UML	<u>OPEN ELECTIVE</u> 1. Machine Learning

	<u>HONORS/MINOR DEGREE</u>	<u>HONORS/MINOR DEGREE</u>	<u>HONORS/MINOR DEGREE</u>	<u>HONORS/MINOR DEGREE</u>	<u>HONORS/MINOR DEGREE</u>	<u>HONORS/MINOR DEGREE</u>	<u>HONORS/MINOR DEGREE</u>
<b>Wednesday</b> <b>04/12/2024</b>	<b>1. Smart Materials and Structures</b> <b>2. Quality and Safety Management in Construction</b>	<b>1. Energy Management</b> <b>2. Advanced CNC Technology</b>	<b>1. Embedded Systems for IoT</b>	<b>1. Neural Networks and Deep Learning</b>	<b>1. Mechanical and Thermal Design of Battery Pack in Electric Vehicle</b>	<b>1. Statistics for Data Science</b>	<b>1. Robotic Vision and Control</b>

Place: Taleigao Plateau, Goa.  
Date: 21.10.2024

  
Controller of Examinations



# GOA UNIVERSITY

REVISED

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./2024/0367

Date: 21/10/2024

**Programme of the B.E (Civil, Mechanical, Electronics & Telecommunication/Electronics Comm. Engg, Computer, Electrical & Electronics, and Information Technology)**  
**Semester- VIII (Revised Course 2019 - 20) Examinations to be held in November - December 2024.**

**Time: 02.00 p.m. to 05.00 p.m.**

Day & Date	B.E. (Civil)	B.E. (Mechanical)	B.E. (Electronics & TC)/ (Electronics & Commn. Engg)	B.E. (Computer)	B.E. (Electrical & Electronics)	B.E. (Information Technology)
<b>Monday</b> <b>18/11/2024</b>	Hydrology and Water Resource Engineering	Industrial Engineering and Operations Management	Advanced Communication Engineering	Cryptography Techniques for Network Security	High Voltage Engineering	Cryptography and Network Security
<b>Friday</b> <b>22/11/2024</b>	1. Architectural Engineering 2. Earthquake Engineering 3. Structural Design of Foundation 4. Solid and Hazardous Waste Management 5. Port and Harbour Engineering	1. Energy Conservation and Management 2. Automobile Engineering 3. Industrial Automation and Robotics 4. Maintenance Engineering & Management 5. Computational Fluid Dynamics	1. Process Control Instrumentation 2. RF Design 3. High Performance Computer Architecture 4. Secure Communication 5. System Verification & Validation 6. Computer Network Design	1. Internet of Things 2. Pattern Recognition 3. Multimedia Systems and Applications 4. Software Development Framework	1. Embedded Systems 2. Power System Operation and Control 3. Reliability of Electrical System 4. PV & its Applications	1. Computer Vision 2. Mobile Computing 3. Advanced Data Structures 4. Social Networking

Place: Taleigao Plateau, Goa.

Date: 21.10.2024

  
Controller of Examinations