



# GOA UNIVERSITY

Sub. P.O. Goa University, TaleigaoPlateau, 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/

Date: 15/10/2024

**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
<b>Thursday</b> 21/11/2024	Concrete Technology	Manufacturing Technology - I	Analog and Digital Communication Communication Engineering (AITD)	Database Management and Query Processing	Control Systems	Database Management System	Microcontrollers and Interfacing	Digital VLSI Design	Electronics Communication Systems
<b>Tuesday</b> 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
<b>Saturday</b> 30/11/2024	<ol style="list-style-type: none"> <li>1. Pavement Design and Construction</li> <li>2. Numerical Methods</li> <li>3. Environmental Impact Assessment and Life Cycle Analysis</li> <li>4. Foundation Engineering</li> <li>5. Occupational Safety and Health</li> </ol>	<ol style="list-style-type: none"> <li>1. Advanced Thermodynamics</li> <li>2. Mechanical Vibrations</li> <li>3. Mechatronics</li> <li>4. Management Information System</li> <li>5. Industrial Safety and Occupational Health</li> </ol>	<ol style="list-style-type: none"> <li>1. Embedded Systems</li> <li>2. Power Electronics</li> <li>3. Bio-Medical Engineering</li> <li>4. Soft Computing</li> <li>5. Numerical Methods and Approximations</li> <li>6. Solid State Devices and Technology</li> </ol>	<ol style="list-style-type: none"> <li>1. Graph Theory</li> <li>2. Neural Networks</li> <li>3. Object Oriented Programming using JAVA</li> <li>4. Distributed Operating Systems</li> </ol>	<ol style="list-style-type: none"> <li>1. Digital Signal Processing</li> <li>2. Illumination Engineering</li> <li>3. Electrical Machines Design</li> <li>4. Electric Drives</li> </ol>	<ol style="list-style-type: none"> <li>1. Cloud Computing</li> <li>2. Software Testing and Quality Assurance</li> <li>3. Digital Signal Processing</li> <li>4. Internet of Things</li> </ol>	<ol style="list-style-type: none"> <li>1. Software Engineering</li> <li>2. Soft Computing</li> <li>3. Design and Analysis of Algorithms</li> </ol>	<ol style="list-style-type: none"> <li>1. Computer Organization and Design</li> <li>2. Control Systems Engineering</li> <li>3. Optimization Techniques</li> </ol>	<ol style="list-style-type: none"> <li>1. Open Source Software Development</li> <li>2. Software Engineering</li> <li>3. Soft Computing</li> <li>4. Design and Analysis of Algorithms</li> <li>5. Computer Graphics</li> </ol>
<b>Friday</b> 06/12/2024	<ol style="list-style-type: none"> <li>1. Advanced Structural Analysis</li> <li>2. Ground Improvement Techniques</li> <li>3. Green Building</li> <li>4. Rural Water Supply and Onsite Sanitation System</li> <li>5. Advanced Surveying</li> </ol>	<ol style="list-style-type: none"> <li>1. Gas Dynamics &amp; Turbo Machinery</li> <li>2. Engineering Tribology</li> <li>3. Advance Machine Design</li> <li>4. Micro Electro Mechanical System</li> <li>5. Instrumentation &amp; Control</li> </ol>	<ol style="list-style-type: none"> <li>1. Microwave Engineering</li> <li>2. Electromagnetic Compatibility Engineering</li> <li>3. Theory of Machine Learning</li> <li>4. Digital Image Processing</li> <li>5. Electronics Instrumentation and Automation</li> <li>6. Information Theory &amp; Coding</li> </ol>	<ol style="list-style-type: none"> <li>1. Modern Computer Graphics</li> <li>2. Web Technologies</li> <li>3. Testing and Quality Assurance</li> <li>4. Real-Time Systems</li> </ol>	<ol style="list-style-type: none"> <li>1. Testing &amp; Maintenance of Electrical Machines</li> <li>2. Analog and Digital Communication</li> <li>3. Bio-Medical Instrumentation</li> <li>4. Operation Research</li> </ol>	<ol style="list-style-type: none"> <li>1. Computer Graphics</li> <li>2. Statistical Models for Information Science</li> <li>3. Advanced Computer Architecture</li> <li>4. Graph Theory</li> </ol>	<ol style="list-style-type: none"> <li>1. Power Electronics</li> <li>2. Principles of Communication Engineering</li> <li>3. Control System Engineering</li> <li>4. Digital Signal Processing</li> <li>5. Consumer Electronics</li> </ol>	<ol style="list-style-type: none"> <li>1. Soft Computing</li> <li>2. Nanoelectronics</li> <li>3. Operating Systems</li> </ol>	<ol style="list-style-type: none"> <li>1. Control System Engineering</li> <li>2. Power Electronics</li> <li>3. Digital Signal Processing and Applications</li> <li>4. Transmission Lines and Antennas</li> <li>5. Consumer Electronics</li> </ol>

<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: 15.10.2024

  
Controller of Examinations