



# Chaitanya Bharathi Institute of Technology (Autonomous)

B.E. & B.Tech. V Sem (Main) - R22 Examination December 2024

## TIME TABLE

Time: 10:00 AM to 01:00 PM

Academic Year : 2024 - 25

Date : 11- 11- 2024

No. 1135 / CoE

| Date       | Civil   | Mech  | ECE  | EEE  | CSE   | CSM   | CET  | AI&ML   | IT  | AI&DS   | Biotech  |
|------------|---|---|--|--|---|---|--|---|---|---|--|
| 03-12-2024 | Transportation Engineering<br>22CEC17               | Dynamics of Machines<br>22MEC17                       | Analog and Digital Communication<br>22ECC15          | Electrical Machines-II<br>22EEC17            | Computer Networks<br>22ITC10                  | Image Processing<br>22CAC01                       | Blockchain Technology<br>22CIC05                 | Image Processing<br>22CAC01                             | Computer Networks<br>22ITC10                    | Computer Networks<br>22ITC10                  | Fluid Mechanics and Heat Transfer<br>22BTC18       |
| 05-12-2024 | Hydrology and Water Resource Engineering<br>22CEC18 | Metal Cutting and Machine Tool Engineering<br>22MEC18 | Computer Architecture and Microprocessors<br>22ECC16 | Power Systems –II<br>22EEC18                 | Operating Systems<br>22CSC15N                 | Introduction to Machine Learning<br>22AMC03N      | Operating Systems<br>22CSC15N                    | Optimization Techniques for Machine Learning<br>22AMC10 | Enterprise Application Development<br>22ITC08   | Enterprise Application Development<br>22ITC08 | Genetic Engineering and rDNA Technology<br>22BTC19 |
| 07-12-2024 | Structural Analysis - II<br>22CEC19                 | Design of Machine Elements<br>22MEC19                 | Digital Signal Processing<br>22ECC17                 | Power Electronics<br>22EEC19                 | Software Engineering<br>22CSC21               | Quantum Computing for Machine Learning<br>22MTC18 | Cyber Threat Intelligence<br>22CIC06             | Deep Learning<br>22CAC04                                | Software Engineering<br>22CSC21                 | Software Engineering<br>22CSC21               | Professional Elective - I                          |
| 09-12-2024 | Design of Steel Structures - I<br>22CEC20           | CAD/CAM<br>22MEC20                                    | Linear and Digital Integrated Circuits<br>22ECC18    | Microcontrollers and Applications<br>22EEC20 | Design and Analysis of Algorithms<br>22CSC14N | Design and Analysis of Algorithms<br>22CSC14N     | Industrial Internet of Things Systems<br>22CIC07 | Design and Analysis of Algorithms<br>22CSC14N           | Machine Learning<br>22CAC17                     | Introduction to Data Science<br>22ADC09       | -----  |
| 11-12-2024 | Professional Elective - II                          | Professional Elective - II                            | Professional Elective - I                            | Program Elective-I                           | Professional Elective - I                     | Professional Elective - I                         | Professional Elective - I                        | Professional Elective - I                               | Professional Elective - II                      | Professional Elective - II                    | -----  |
| 13-12-2024 | Environmental Science<br>22CEM01                    | -----   | Professional Elective - II                           | -----  | -----   | -----   | -----  | -----   | -----   | -----   | -----  |
| 18-12-2024 | Open Elective-I                                     | Open Elective-I                                       | Open Elective-I                                      | Open Elective-I                              | Open Elective-I                               | Open Elective-I                                   | Cryptography and Network Security<br>22CIC09     | Open Elective-I   | Formal Languages and Automata Theory<br>22ITC12 | Artificial Intelligence<br>22CAC15            | Plant Biotechnology<br>22BTC20                     |

## ANNEXURE - I

## V - Semester (R22) Electives

| Civil   | Mech  | ECE  | EEE   | CSE  | CSM   | CET  | AI&ML  | IT   | AI&DS  | Biotech  |
|---|---|--|---|--|---|--|--|--|--|--|
| <b>Professional Elective - II</b><br>1.Applications of Artificial Intelligence in Civil Engineering 22CEE05<br>2.Hazards and Management 22CEE07 | <b>Professional Elective - II</b><br>1.Robotic Engineering 22MEE06<br>2.Product Design and Process Planning 22MEE08                       | <b>Professional Elective - I</b><br>1.VLSI Technology 22ECE01<br>2.Embedded C Programming 22ECE04<br>3.Artificial Intelligence for ECE 22ECE06<br><b>Professional Elective -II</b><br>1.CMOS Analog and Digital IC Design 22ECE07<br>2. Sensing Techniques and Sensor Systems 22ECE10<br>3. Cloud Computing and Applications 22ECE12 | <b>Program Elective-I</b><br>1.Basic VLSI Design 22EEE11<br>2.Non-Conventional Energy Resources 22EEE13 | <b>Professional Elective - I</b><br>1.Big Data Analytics 22ADE12<br>2.Optimization Techniques 22CSE03                                | <b>Professional Elective - I</b><br>1.Soft Computing 22CAE01<br>2.User Interface and User Experience Design 22CSE08 | <b>Professional Elective - I</b><br>Artificial Intelligence and Machine Learning 22CAE12 | <b>Professional Elective - I</b><br>1.User Interface and User Experience Design 22CSE08<br>2.Computer Vision 22ADE29 | <b>Professional Elective - II</b><br>1.Software Project Management 22ITE06<br>2.Cyber Security 22CIE55 | <b>Professional Elective - II</b><br>1.BlockChain Technology (22CIE53)<br>2.Cyber Security (22CIE55) | <b>Professional Elective - I</b><br>1.Virology 22BTE02<br>2.Intellectual Property Rights and Bioethics 22BTE04 |
| <b>Open Elective- I</b><br>1. Energy Management System 22EE001<br>2. 3D Printing 22MEO02  | <b>Open Elective- I</b><br>1FOUNDATIONS OF Artificial Intelligence and Machine Learning 22CAO01<br>2.Indian Traditional Knowledge 22EGO03 | <b>Open Elective- I</b><br>1.Principles of Entrepreneurship and Startups 22MEO06<br>2.Introduction to Web Technologies 22CSO01<br>3.Object Oriented Programming Using JAVA 22ITO01   | <b>Open Elective-I</b><br>Introduction to DBMS 22CSO02  | <b>Open Elective- I</b><br>1.Disaster Risk Reduction and Management 22CEO02<br>2.Principles of Entrepreneurship and Startups 22MEO06 | <b>Open Elective- I</b><br>Principles of Entrepreneurship and Startups 22MEO06                                      | -----  | <b>Open Elective- I</b><br>Principles of Entrepreneurship and Startups 22MEO06                                       | -----  | -----  | -----  |

**Copy to:** The Principal, Vice-Principal (Academics), Vice-Principal (Admin)  
**Directors** - AEC & CoE, Academics, IQAC, CDC, S & P, R & D  
**HoDs** - Civil, Mech, ECE, EEE, CSE, CSM, CET, AIML, IT, AI&DS, Chem, Biotech, Maths, Physics, Chemistry, English, SMS and Library

  
**Controller of Examinations**