

1st Year	2nd Year	3rd Year	4th Year
Semester – I <ul style="list-style-type: none"> • Introduction to Operating System • Introduction to DBMS • Business Mathematics • Computational Thinking • Web Technologies • Introduction to Python • Environmental Science- 1 • Sports/ Yoga 	Semester – III <ul style="list-style-type: none"> • Digital Systems and Computer Organization • Object Oriented Programming • Design and Implementation of Algorithms • Advance Web Scripting • Open-Source Software • SEO Search Engine Optimization • Financial Accounting Using Tally • Introduction to Cloud Computing • Indian Language- 3/Environment Science- 3 • Citizen Charter Responsibility 	Semester – V <ul style="list-style-type: none"> • Web Development using Django • Machine Learning • Data analytics • Computer Graphics • Network Monitoring and Troubleshooting • System Administration (Linux, Windows) • Digital Forensic • C# and .NET Programming • Computer Oriented Numerical Methods • Mini project 	Semester – VII <ul style="list-style-type: none"> • Research Methods and Statistical Analysis • Statistics Lab • Data warehousing & Mining • Data Visualization • Moodle Learning Management System • Dissertation /Project Part 1
Semester – II <ul style="list-style-type: none"> • Application of Spreadsheets in Business • Data Structures • Elements of System and Software Development • Structured Query Language Using Oracle • Web Development using CMS • Advanced Programming in Python • Environmental Science- 2 • Sports/ Yoga 	Semester – IV <ul style="list-style-type: none"> • Digital Marketing • Introduction to Java Enterprise Framework • Real Time Operating System • E- Commerce Technologies • Software Project Practices • Internet of Things • Digital Image Processing • Cloud Application Development • Environmental Science- 4 • Corporate Social Responsibility 	Semester – VI <ul style="list-style-type: none"> • Cloud Architecture and Security • Big Data Analytics • Software Engineering Practices • Advanced Internet of Things • Cryptography & Network • IT HR • R Programming • Enterprise Application Development using J2EE • Embedded Systems • Research Project in Computer Application 	Semester - VIII <ul style="list-style-type: none"> • Software Project Management • Virtual Reality • Ethical Hacking • Azure Architecture and Application • Cyber Security Tools Technique • Dissertation/Project Part 2
Exit after Completing one year Undergraduate certificate in the field of Study/Discipline	Exit after Completing two years Undergraduate Diploma in the field of Study/Discipline	Exit after completing three years Bachelor of (Field of study) Discipline	Exit after completing four years Bachelor of (Field of study) Discipline (Honours with Research/Academic Projects/Entrepreneurship)