

I Semester



- Engineering Physics
- Fundamentals of Electrical and Electronics Engineering
- Communicative English
- Problem Solving Techniques
- Calculus and Matrix Algebra
- Applied Chemistry
- Mind Management and Human Values – 1
- PCL 1- Research and Entrepreneurship Project

II Semester



- Data Structures
- Probability and Vector Space
- Mind Management and Human Values – 2
- Object Oriented Programming
- Digital Logic Design
- Workshop Practices
- Biology for Engineers
- Python Programming
- PCL 1- Research and Entrepreneurship Project

III Semester



- Economics for Engineers
- Operating Systems
- Computer Organization and Architecture
- Foundations of Mathematics – 1+
- Discrete Mathematics and Graph Theory
- Design and Analysis of Algorithms
- Indian Constitution
- Project Centric Learning

IV Semester



- Inferential Statistics
- Web Programming and Testing
- Data Communication and Networks
- Software Engineering
- Open Elective I
- Database Management Systems
- Fundamentals of Mathematics – 2+
- Project 2
- Internship -1

V Semester



- Mobile Computing
- Cloud Computing
- Department Specific Elective I
- Research Methodology
- Fundamentals of iOS Application Development in Swift
- Open Elective II
- Android Development
- Project Centric Learning

VI Semester



- Storage Management and Data Center
- Advanced iOS Application Development in Swift
- Department Specific Elective II
- Department Specific Elective III
- Open Elective III
- Environmental Studies
- iOS SWIFT UI
- Project 3
- Internship -2

VII Semester



- UI/UX Design Principles
- Mobile Security
- Department Specific Elective IV
- Department Specific Elective V
- Open Elective IV
- Project 4

VIII Semester



- Department Specific Elective VI
- Cross Platform Application
- DevOps
- Intellectual Property Rights
- Internship -3
- Research*

Department Specific Electives							
DSE Tracks		Elective-I	Elective-II	Elective-III	Elective-IV	Elective-V	Elective-VI
		5 th Semester	6 th Semester	6 th Semester	7 th Semester	7 th Semester	8 th Semester
Track-I	Mobile Application	Mobile Development and Network Administration	Full Stack Mobile Application Development	Kotlin for Java Developers	Advanced Android Application Development	Mobile game app development platforms	Google App engine
Track-II	Cloud Services solutions	Mobile Computing for Big Data Analytics	Mobile Communication	Cloud Web Services	Cloud data engineering	Digital Advertising Strategy for Mobile Application	Installing and Managing Google Cloud's Apigee API Platform
Track-III	IoT (Internet of Things) and Cloud Security	Sensor Technology in IoT	IoT Security	IoT Cloud architecture	IoT cloud solution development	Cloud Security Tools and Cyber Attacks	Advanced System Security Design

Computer Science and Engineering (Open Elective Baskets)			
Sl. No	Finance and Accounting	Entrepreneurship and new venture creation	Marketing and Management
1	Finance for non-finance professionals	Entrepreneurship Theory and Practice	Marketing Management
2	Wealth Management	Launching and managing an enterprise	Consumer Behavior
3	Indian Financial System	Business Plan and Project Implementation	Brand Management
4	Financial Reporting	Sustainable Entrepreneurship	Product Management