

First Year – FIRST SEMESTER

S.NO	SUBJECT NAME	SUBJECT CODE
1.	C++ & Data Structures	PC21A
2.	Digital Computer Fundamentals	PC21B
3.	Database Management Systems	PC21C
4.	Practical–I: Data Structures using C++ Lab.	PC211
5.	Practical–II: RDBMS Lab.	PSSEA
6.	Extra – Disciplinary- I Accounting & Financial Management	PC31A
7.	Elective I : Operating Systems	PC41A
8.	Soft Skill-1 : Choose any one	

First Year – SECOND SEMESTER

S.NO	SUBJECT NAME	SUBJECT CODE
1.	Design and Analysis of Algorithms	
2.	Object Oriented Analysis and Design	
3.	Artificial Intelligence	
4.	Elective II : Choose any one	
5.	Practical – III: Object Oriented Analysis and Design Lab	
6.	Practical – IV: Web Based Application Development Lab.	
7.	Extra– Disciplinary - II Web Based Application Development	
8.	Soft Skill-2: Choose any one	
9.	Soft Skill-3: Choose any one	
10.	Internship: During I year summer vacation 4 to 6 weeks – Evaluation will be at the end of third semester.	

Second Year – THIRD SEMESTER

S.NO	SUBJECT NAME	SUBJECT CODE
1.	Machine Learning	
2.	Elective III : Choose any one	
3.	Elective IV : Choose any one	
4.	Elective V : Choose any one	
5.	Practical – V: Machine Learning Lab	
6.	Practical – VI: Group Project	
7.	Soft Skill-4 : Choose any one	
8.	Internship: During I year summer vacation 4 to 6 weeks	

Second Year – FOURTH SEMESTER

S.NO	SUBJECT NAME	SUBJECT CODE
1.	Project & viva – voce	

List of Electives

Elective –I: Choose any one

Operating Systems
Theory of Computation
Data Analytics using R

Elective – II: Choose any one

Computer Networks
Digital Image Processing
Software Engineering

Elective –III: Choose any one

Software Project Management
Supply Chain Management
Management Information Systems

Elective –IV: Choose any one

Mobile Computing
Cloud Computing
Soft Computing

Elective –V: Choose any one

Mobile Application Development
Information Security
Internet of Things

Students are encouraged to do courses from the resources like SWAYM, NPTEL etc

- * Operation systems,
- * Principles of Programming Languages,
- * Computer Networks
- *Compiler design,
- *Natural Language Processing
- *Software Engineering
- * Software testing
- *Big data Analytics,
- *Robotics,
- *Agile technologies
- *Robotics Process Automation
- *Organizational Behaviors.

For the credits earned through online courses from the platforms SWAYM, NPTEL shall be transferred as per the University Policy
