

S.Y.B.Sc. Computer Science - Semester III

PROGRAMME STRUCTURE

Vertical	Credits	Title of Course
Major	4	Java Programming
Major	4	Data Structures & Algorithms
Major	4	Operating Systems
Minor	2	Numerical Methods
General Elective / Open Elective (Choose any one)	2	A) Advanced Tally
		B) IT Return Filing
Skill Enhancement Course (Choose any one)	4	A) Programming with PL/SQL
		B) Cryptography & Network Security
Ability Enhancement Course (Choose any one)	2	Hindi Lekhan Kausal
		Marathi Lekhan Kaushal
		Sanskrit Parichayah – Sanskrit Basics

S.Y.B.Sc. Computer Science - Semester IV

PROGRAMME STRUCTURE

Vertical	Credits	Title of Course
Major	4	Web Programming
Major	4	Theory of Computation
Major	4	Agile Scrum
Minor	4	Linear Algebra
General Elective / Open Elective (Choose any one)	2	A) Creative Content Writing
		B) Startup & Entrepreneurship Skills
Skill Enhancement Course (Choose any one)	2	A) Mobile App Technologies
		B) Unity Programming
Ability Enhancement Course (Choose any one)	2	Vyavaharik Hindi Lekhan, Batcheet aur Prastuti
		Vyavaharik va Upayojik Marathi Lekhan, Sambhashan va Sadarikaran
		Sanskrit Pravinta Pathyakram (Sanskrit Proficiency Course)

T.Y.B.Sc. Computer Science - Semester V

PROGRAMME STRUCTURE

Vertical	Credits	Title of Course
Major	4	AI and ML
Major	4	MERN
Major (Choose any one)	4	Information Retrieval
		Linux Administration
Minor	4	Statistics for Computer Science
Vocational & Skill Enhancement Course (Choose any one)	4	Ethical Hacking
		DevOps
Research Project / On Job Training (Choose any one)	2	Project
		On Job Training

T.Y.B.Sc. Computer Science - Semester VI

PROGRAMME STRUCTURE

Vertical	Credits	Title of Course
Major	4	Data Science Fundamentals
Major	4	Web Services & Cloud Computing
Major (Choose any one)	2	Introduction to Blockchain
		Cyber Laws and Patents
Minor	4	Internet of Things
Vocational & Skill Enhancement Course (Choose any one)	4	Virtual Reality & Augmented Reality
		Digital Forensics
Research Project	4	CAPSTONE Project