

Department of Computer Science

UNDER GRADUATE PROGRAMMES OFFERED ACADEMIC YEAR 2025-26

✓ **F.Y.B.Sc.**

SEMESTER	COURSE	COURSE CODE	NAME OF THE COURSE
I	Major-I	UCS1COD	Computer Organization Design and Architecture
	Major-I practical	UCS1PCOD	Practical of UCS1COD
	Major-II	UCS1PP1	Programming with Python - I
	Major-II practical	UCS1PPP1	Practical of UCS1COD
	Major-III	UCS1STM	Statistics for Data Science
	Major-III practical	UCS1PSTM	Practical of UCS1STM
	IKS	UCS1IKS	Indian Knowledge System
	SEC	UCS1WEB	Web Designing
II	Major-I	UCS2RDS	Relational Database System
	Major-I practical	UCS2PRDS	Practical of UCS2RDS
	Major-II	UCS2PP2	Programming with Python - II
	Major-II practical	UCS2PPP2	Practical of UCS2PP2
	Major-III	UCS2LAL	Linear Algebra
	Major-III practical	UCS2PLAL	Practical of UCS2LAL
	OE	UCS2OE1	Python for Business
	SEC	UCS2PHP	PHP Programming

✓ **S.Y.B.Sc.**

SEMESTER	COURSE	COURSE CODE	NAME OF THE COURSE
III	Major-I	UCS3DAA	Design and Analysis of Algorithm
	Major-II	UCS3COJ	Core Java
	Major-I + II practical	UCS3PR1	Practical of Design and Analysis of Algorithm + Practical of Object-Oriented Programming with Java
	Major-III	UCS3IKS	Indian Knowledge System(IKS): Concepts and Applications in Computer Science
	Minor	UCS3IDS	Introduction to Data Science
	Minor Practical	UCS3PR2	Introduction to Data Science Practical
	SEC	UCS3IOT	Internet of Things
IV	Major-I	UCS4OPL	Operating System with Linux
	Major-II	UCS4ADJ	Advanced Java
	Major-I + II practical	UCS4PR1	Practical of Operating System with Linux + Advanced Java
	Major-III	UCS4DCN	Data Communication and Networking
	Minor	UCS4ADS	Advanced Data Science
	Minor Practical	UCS4PADS	Advanced Data Science Practical
	OJT	UCS4CEP	Community Engagement Project

✓ **T.Y.B.Sc.**

SEMESTER	COURSE	COURSE CODE	NAME OF THE COURSE
V	Major I	UCS5INS	Information, Network and Cyber Security
	Major II	UCS5WSD	Web Services and Distributed Computing
	Major I & II Practical	UCS5PR1	Information, Network and Cyber Security & Web Services and Distributed Computing Practical
	Elective	UCS5ETH	Ethical Hacking
	Elective Practical	UCS5PR2	Ethical Hacking Practical
	Minor	UCS5MIL	Machine Learning
	Minor Practical	UCS5PRJ	Project Implementation on Machine Learning
	VSC	UCS5PR3	Game Programming
VI	Major I	UCS6CCP	Cloud Computing
	Major II	UCS6DLG	Deep Learning and Generative AI
	Major I & II Practical	UCS6PR1	Cloud Computing and Deep Learning and Generative AI Practical
	Elective	UCS6BDA	Introduction to Big Data Analytics
	Elective Practical	UCS6PR2	Introduction to Big Data Analytics Practical
	Minor	UCS6AUT	Automation Testing
	Minor	UCS6PR3	Automation Testing Practical
	OJT	UCS6OJT	On Job Training