

COURSE AT A GLANCE

SUBJECT: MATHEMATICS

ACADEMIC SESSION: **2025-26**

First Semester-December, 2025

Course Number	Course Title	Credit Hour	Mark Distribution	Maximum Marks
411	REAL ANALYSIS	4(Theory)	20+80	100
412	COMPLEX ANALYSIS	4(Theory)	20+80	100
413	ALGEBRA-1	4(Theory)	20+80	100
414	TOPOLOGY	4(Theory)	20+80	100
415	MATLAB	2(Theory)	20+80	100
416	PROGRAMMING LABORATORY-I (MALAB)	2(Practical)	100	100
417	Environmental Studies and Disaster Management	2	40+60	100

Second Semester-April, 2026

Course Number	Course Title	Credit Hour	Mark Distribution	Maximum Marks
421	MEASURE THEORY AND INTEGRATION	4(Theory)	20+80	100
422	ORDINARY DIFFERENTIAL EQUATION	4(Theory)	20+80	100
423	ALGEBRA-II	4(Theory)	20+80	100
424	DIFFERENTIAL GEOMETRY	4(Theory)	20+80	100
425	PYTHON LANGUAGE	2(Theory)	20+80	100
426	PROGRAMMING LABORATORY-II (PYTHON)	2(Practical)	100 (40+40+20)	100
427	FOUNDATIONS IN MATHEMATICS (IDC)	3	40+60	100

Third Semester-December, 2026

Course Number	Course Title	Credit Hour	Mark Distribution	Maximum Marks
511	FUNCTIONAL ANALYSIS	4(Theory)	20+80	100
512	PARTIAL DIFFERENTIAL EQUATION	4(Theory)	20+80	100
513	MAHEMAICAL METHODS	4(Theory)	20+80	100
516	ELECTIVE -I	4(Theory)	20+80	100
514	MATRIX ANAYSIS	2 (Theory)	20+80	100
515	PROGRAMMING LABOROTARY-III(LATEX)	2(Practical)	100	100
517	Entrepreneurship Development	2	40+60	100

Fourth Semester-April, 2027

Course Number	Course Title	Credit Hour	Mark Distribution	Maximum Marks
521	OPTIMIMIZATION TECHNIQUE	4(Theory)	20+80	100
522	PROBABILITY AND STOCHASTIC PROCESS	4(Theory)	20+80	100
524	ELECTIVE-2	4(Theory)	20+80	100
525	ELECTIVE-3	4(Theory)	20+80	100
523	DISSERTATION	2 CH	100	100
526	SEMINAR	2 CH	100	100
527	MOOC	3		100

