

**B.SC MATHEMATICS PROGRAMME**  
**SCHEME OF LEARNING AND EVALUATION**  
(For the students admitted in the academic year 2025 – 2026 & onwards)  
**Outcome Based Curriculum Framework with CBCS**

Course Code	Course Title	Course Category	Course Type	Part Type	Lecture Hours	Tutorial Hours	Practical Hours	Course Credits	Max CA Marks	Max CE Marks	Total Marks
<b>SEMESTER - I</b>											
25LAT101	TAMIL-I	ELECTIVE	THEORY	1	6	0	0	3	25	75	100
25LAH101	HINDI-I	ELECTIVE	THEORY	1	6	0	0	3	25	75	100
25LAF101	FRENCH-I FRENCH CULTURE & COMMUNICATION-I	ELECTIVE	THEORY	1	5	1	0	3	25	75	100
25EU101	COMMUNICATIVE ENGLISH-I: INTERPERSONAL COMMUNICATION	CORE	THEORY	2	6	0	0	3	25	75	100
25MAU101	CALCULUS - I	CORE	THEORY	3	5	1	0	4	25	75	100
25MAU102	ANALYTICAL GEOMETRY OF 3D AND TRIGONOMETRY	CORE	THEORY	3	5	1	0	4	25	75	100
25MAU103A	ACCOUNTANCY - I	ELECTIVE	THEORY	3	5	1	0	5	25	75	100
25MAU103B	PHYSICS - I	ELECTIVE	THEORY	3	4	0	0	4	20	50	70
25MAU207BB	PHYSICS PRACTICAL (SKILL BASED)	CORE	PRACTICAL	3	0	0	2	0	0	0	0
<b>SEMESTER - II</b>											
25LAT202	TAMIL-II	ELECTIVE	THEORY	1	6	0	0	3	25	75	100
25LAH202	HINDI-II	ELECTIVE	THEORY	1	6	0	0	3	25	75	100
25LAF202	FRENCH-II FRENCH CULTURE & COMMUNICATION - II	ELECTIVE	THEORY	1	5	1	0	3	25	75	100
25EU202	COMMUNICATIVE ENGLISH-II: ACADEMIC COMMUNICATION	CORE	THEORY	2	4	0	0	3	25	75	100
25MAU204	CALCULUS - II	CORE	THEORY	3	4	1	0	3	25	75	100
25MAU205	DIFFERENTIAL EQUATIONS AND LAPLACE TRANSFORMS	CORE	THEORY	3	4	1	0	3	25	75	100
25MAU206	FOUNDATION COURSE IN MATHEMATICS	CORE	THEORY	3	2	0	0	2	100	0	100
25MAU207A	ACCOUNTANCY - II	ELECTIVE	THEORY	3	5	1	0	5	25	75	100
25MAU207B	PHYSICS - II	ELECTIVE	THEORY	3	4	0	0	4	20	50	70
25MAU207BB	PHYSICS PRACTICAL (SKILL BASED)	CORE	PRACTICAL	3	0	0	2	2	20	40	60
25AECU201	ABILITY ENHANCEMENT COMPULSORY COURSE-I: (VALUES, ETHICS, HEALTH & WELLNESS FOR HUMAN EXCELLENCE)	CORE	THEORY	4	0	2	0	2	100	0	100
25PSEU201	PROFESSIONAL SKILL ENHANCEMENT-I	CORE	THEORY	4	2	0	0	2	100	0	100
<b>SEMESTER - III</b>											
25LAT303	TAMIL-III	ELECTIVE	THEORY	1	6	0	0	3	25	75	100
25LAH303	HINDI-III	ELECTIVE	THEORY	1	6	0	0	3	25	75	100
25LAF303	FRENCH-III	ELECTIVE	THEORY	1	6	0	0	3	25	75	100
25EU303	COMMUNICATIVE ENGLISH-III: DEVELOPING ENGLISH LANGUAGE SKILLS THROUGH LITERATURE	CORE	THEORY	2	6	0	0	3	25	75	100
25MAU308	PARTIAL DIFFERENTIAL EQUATIONS AND FOURIER TRANSFORMS	CORE	THEORY	3	4	1	0	4	25	75	100
25MAU309	NUMBER THEORY	CORE	THEORY	3	5	1	0	4	25	75	100
25MAU310	MATHEMATICAL STATISTICS - I	CORE	THEORY	3	4	1	0	4	25	75	100
25AECU302	ABILITY ENHANCEMENT COMPULSORY COURSE-II: ENVIRONMENTAL STUDIES & SUSTAINABLE DEVELOPMENT GOALS	CORE	THEORY	4	2	0	0	2	100	0	100
<b>SEMESTER - IV</b>											
25LAT404	TAMIL-IV	ELECTIVE	THEORY	1	6	0	0	3	25	75	100

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25LAH404	HINDI-IV	ELECTIVE	THEORY	1	6	0	0	3	25	75	100
25LAF404	FRENCH-IV	ELECTIVE	THEORY	1	6	0	0	3	25	75	100
25EU404	COMMUNICATIVE ENGLISH-IV: ENGLISH FOR CAREER	CORE	THEORY	2	4	0	0	3	25	75	100
25MAU411	MODERN ALGEBRA	CORE	THEORY	3	4	1	0	4	25	75	100
25MAU412	C++ PROGRAMMING	CORE	THEORY	3	3	0	0	2	25	75	100
25MAU413	PRACTICAL I: C++ PROGRAMMING (SKILL BASED)	CORE	PRACTICAL	3	0	0	3	2	40	60	100
25MAU414	MATHEMATICAL STATISTICS - II	CORE	THEORY	3	4	1	0	4	25	75	100
25SECU401	SKILL ENHANCEMENT COURSE-I: INFORMATION SECURITY	CORE	THEORY	4	2	0	0	2	100	0	100
25PSEU402	PROFESSIONAL SKILL ENHANCEMENT-II	CORE	THEORY	4	2	0	0	2	100	0	100
<b>SEMESTER - V</b>											
25MAU515	REAL ANALYSIS	CORE	THEORY	3	5	1	0	5	25	75	100
25MAU516	LINEAR ALGEBRA	CORE	THEORY	3	5	1	0	5	25	75	100
25MAU517	OPERATIONS RESEARCH-I	CORE	THEORY	3	4	1	0	4	25	75	100
25MAU518	PYTHON PROGRAMMING	CORE	THEORY	3	3	0	0	2	25	75	100
25MAU519	PRACTICAL II: PYTHON PROGRAMMING (SKILL BASED)	CORE	PRACTICAL	3	0	0	3	2	40	60	100
25MAU520A	MAJOR ELECTIVE COURSE – I: ASTRONOMY	ELECTIVE	THEORY	3	4	1	0	4	25	75	100
25MAU520B	MAJOR ELECTIVE COURSE – I: DISCRETE MATHEMATICS	ELECTIVE	THEORY	3	4	1	0	4	25	75	100
25MAU521	TRANS DISCIPLINARY COURSE	ELECTIVE	THEORY	3	2	0	0	2	100	0	100
25SECU502	SKILL ENHANCEMENT COURSE-II: INDIAN KNOWLEDGE SYSTEM [COMPUTER BASED TEST]	CORE	THEORY	4	0	0	0	2	0	100	100
<b>SEMESTER - VI</b>											
25MAU622	COMPLEX ANALYSIS	CORE	THEORY	3	5	1	0	5	25	75	100
25MAU623	OPERATIONS RESEARCH - II	CORE	THEORY	3	4	1	0	4	25	75	100
25MAU624	MECHANICS	CORE	THEORY	3	4	1	0	4	25	75	100
25MAU625	NUMERICAL METHODS WITH R - PROGRAMMING	CORE	THEORY	3	4	0	0	3	25	75	100
25MAU626	PRACTICAL III: NUMERICAL METHODS WITH R - PROGRAMMING (SKILL BASED)	CORE	PRACTICAL	3	0	0	3	2	40	60	100
25MAU627A	MAJOR ELECTIVE COURSE – II: GRAPH THEORY	ELECTIVE	THEORY	3	4	1	0	4	25	75	100
25MAU627B	MAJOR ELECTIVE COURSE – II: ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	ELECTIVE	THEORY	3	4	1	0	4	25	75	100
25MAU628	PROJECT/IINOVATION/STARTUP	CORE	PROJECT	3	0	0	0	4	40	60	100
25PCSUMAU	PROFESSIONAL COMPETENCY SKILL – MATHEMATICS FOR COMPETITIVE EXAMINATIONS	CORE	THEORY	4	2	0	0	2	100	0	100