

**PSG College of Arts & Science, Coimbatore – 14.**

**Scheme of Learning and Evaluation**

**Programme: B Sc Mathematics (SF)**

<b>Course Code</b>	<b>Course Title</b>	<b>Course Category</b>	<b>Course Type</b>	<b>Part Type</b>	<b>Semester</b>	<b>Credits</b>
22LAT101N	Tamil-I	ELECTIVE	THEORY	1	1	3
22LAH101N	Hindi-I	ELECTIVE	THEORY	1	1	3
22LAF101N	French-I	ELECTIVE	THEORY	1	1	3
22EU101N	COMMUNICATIVE English - I-INTERPERSONAL COMMUNICATION	CORE	THEORY	2	1	3
22MAU101N	CALCULUS I	CORE	THEORY	3	1	5
22MAU102N	ANALYTICAL GEOMETRY OF 3D AND TRIGONOMETRY	CORE	THEORY	3	1	4
22MAU103BN	Physics - I	CORE	THEORY	3	1	4
22MAU206BBN	Physics PRACTICAL	CORE	PRACTICAL	3	1	2
22LAT202N	TAMIL-II	ELECTIVE	THEORY	1	2	3
22LAH202N	HINDI-II	ELECTIVE	THEORY	1	2	3
22LAF202N	FRENCH - II - FRENCH LANGUAGE & CULTURE - II	ELECTIVE	THEORY	1	2	3
22EU202N	COMMUNICATIVE ENGLISH - II-ACADEMIC COMMUNICATION	CORE	THEORY	2	2	3
22MAU204N	CALCULUS - II	CORE	THEORY	3	2	3
22MAU205N	DIFFERENTIAL EQUATIONS AND LAPLACE TRANSFORMS	CORE	THEORY	3	2	4
22MAU206BN	PHYSICS - II	CORE	THEORY	3	2	4
22MAU206BBN	PHYSICS PRACTICAL	CORE	PRACTICAL	3	2	2
23AECU201	ABILITY ENHANCEMENT COMPULSORY COURSE - I-VALUES AND ETHICS FOR HUMAN EXCELLENCE	CORE	THEORY	4	2	2
23PSEU201	PROFESSIONAL SKILL ENHANCEMENT I	CORE	THEORY	4	2	2
22LAT303N	Tamil - III	ELECTIVE	THEORY	1	3	3
22LAH303N	Hindi - III	ELECTIVE	THEORY	1	3	3
22LAF303N	French - III	ELECTIVE	THEORY	1	3	3
22EU303N	COMMUNICATIVE English - III-DEVELOPING English LANGUAGE SKILLS THROUGH LITERATURE	CORE	THEORY	2	3	3

22MAU307N	PARTIAL DIFFERENTIAL EQUATIONS AND FOURIER TRANSFORMS	CORE	THEORY	3	3	4
22MAU308N	MECHANICS	CORE	THEORY	3	3	4
22MAU309N	MATHEMATICAL Statistics - I	CORE	THEORY	3	3	4
22AECU302	ABILITY ENHANCEMENT COMPULSORY COURSE - II: ENVIRONMENTAL STUDIES & SUSTAINABLE DEVELOPMENT GOALS	CORE	THEORY	4	3	2
22LAT404N	TAMIL-IV	ELECTIVE	THEORY	1	4	3
22LAH404N	HINDI-IV	ELECTIVE	THEORY	1	4	3
22LAF404N	FRENCH - IV FRENCH & FRANCOPHONE LITERATURE & ADVANCED GRAMMAR- II	ELECTIVE	THEORY	1	4	3
22EU404N	COMMUNICATIVE ENGLISH - IV-ENGLISH FOR CAREER	CORE	THEORY	2	4	3
22MAU410N	MODERN ALGEBRA	CORE	THEORY	3	4	3
22MAU411N	C++ PROGRAMMING (THEORY)	CORE	THEORY	3	4	2
22MAU412N	C++ PROGRAMMING (PRACTICAL)(Skill Based)	CORE	PRACTICAL	3	4	2
22MAU413N	MATHEMATICAL STATISTICS - II	CORE	THEORY	3	4	4
22SECU401	SKILL ENHANCEMENT COURSE - I- INFORMATION SECURITY	CORE	THEORY	4	4	2
23PSEU402	PROFESSIONAL SKILL ENHANCEMENT - II	CORE	THEORY	4	4	2
22MAU514	REAL ANALYSIS	CORE	THEORY	3	5	5
22MAU515	LINEAR ALGEBRA	CORE	THEORY	3	5	5
22MAU516	OPERATIONS RESEARCH- I	CORE	THEORY	3	5	4
22MAU517	PYTHON PROGRAMMING (THEORY)	CORE	THEORY	3	5	2
22MAU518	PYTHON PROGRAMMING (PRACTICAL)	CORE	PRACTICAL	3	5	2
22MAU519A	ASTRONOMY	ELECTIVE	THEORY	3	5	4
22MAU519B	NUMBER THEORY	ELECTIVE	THEORY	3	5	4
22MAU621	COMPLEX ANALYSIS	CORE	THEORY	3	6	5
22MAU622	OPERATIONS RESEARCH - II	CORE	THEORY	3	6	4

22MAU623	GRAPH THEORY	CORE	THEORY	3	6	4
22MAU624	NUMERICAL METHODS WITH R - PROGRAMMING (THEORY)	CORE	THEORY	3	6	3
22MAU625	NUMERICAL METHODS WITH R - PROGRAMMING (PRACTICAL)	CORE	PRACTICAL	3	6	1
22MAU626A	MAJOR ELECTIVE COURSE -II- MATHEMATICAL MODELLING	ELECTIVE	THEORY	3	6	4
22MAU626B	MAJOR ELECTIVE COURSE- II-ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	ELECTIVE	THEORY	3	6	4
23MCU632A	Major Elective Course-II- Mathematical Modeling	ELECTIVE	THEORY	3	6	4
23MCU632B	Major Elective Course-II- Artificial Intelligence and Machine Learning	ELECTIVE	THEORY	3	6	4
22MAU627	PROJECT	CORE	PROJECT	3	6	6