

**MANGAYARKARASI COLLEGE OF ARTS AND SCIENCE FOR WOMEN
PARAVAI, MADURAI
SYLLABUS**

DEPARTMENT OF MATHS

SEMESTER - I

S.NO	SUBJECT CODE	SUBJECT NAME	HOURS
1	UTM8L11	TAMIL PAPER I	6
2	UEN8E11	ENGLISH PAPER I	6
3	SMT8C11	CALCULUS	6
4	SPH8A11	MECHANICS PROPERTIES OF MATTER AND SOUND	6
5	SMT8S11	MS OFFICE	2
6	SMT8S12	ARITHMETIC ABILITY	2
7	CCA8N11	BUSINESS ACCOUNTING	2

SEMESTER - II

S.NO	SUBJECT CODE	SUBJECT NAME	HOURS
1	UTM8L21	TAMIL PAPER II	6
2	UEN8E21	ENGLISH PAPER II	6
3	SMT8C21	THEORY OF EQUATION AND TRIGONOMETRY	6
4	SPH8A21	THERMAL PHYSICS	6
5	SMT8S21	DBMS	2
6	SMT9S22	ASTRONOMY	2
7	CCA8N21	RETAIL MARKETING	2
8	SPH8A2P	ANCILLARY PHYSICS PRACTICAL I	3

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SEMESTER -III

S.NO	SUBJECT CODE 2008	SUBJECT CODE 2009	SUBJECT NAME	HOURS
1	UTM8L11	UTM8L11	TAMIL PAPER I	6
2	UEN8E11	UEN8E11	ENGLISH PAPER I	6
3	SMT8C11	SMT8C11	CALCULUS	6
4	SPH8A11	SPH8A11	MECHANICS PROPERTIES OF MATTER AND SOUND	6
5	SMT8S11	SMT8S11	MS OFFICE	2

S.NO	SUBJECT CODE 2009	SUBJECT NAME	HOURS
1	UTM8L31	TAMIL PAPER III	6
2	UEN8E31	ENGLISH PAPER III	6
3	SMT8C31	MECHANICS	6
4	SPH8A31	ELECTRICITY & ELECTRONICS	6
5	SMT8A34	APPLICATIONS OF MATHEMATICS I - PROGRAMMING IN C	6

SEMESTER IV

S.NO	SUBJECT CODE	SUBJECT NAME	HOURS
1	UTM8L41	TAMIL PAPER IV	6
2	UEN8E41	ENGLISH PAPER IV	6
3	SMT8C21	THREE DIMENSION ANALYTICAL GEOMETRY & VECTOR CALCULUS	6
4	SPH8A41	OPTICS SPECTROSCOPY & MODERN PHYSICS	6
5	SPH8A4P	ANCILLARY PHYSICS - PRACTICAL II	3
6	SMT8A44	APPLICATIONS OF MATHEMATICS II- PROGRAMMING IN C++	6
7	SMT8A4P	C++LAB	3

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SEMESTER V

S.NO	SUBJECT CODE	SUBJECT NAME	HOURS
1		REAL ANALYSIS	5
2		NUMERICAL ANALYSIS	5
3		DIFFERENTIAL EQUATION&LAPLACE TRANSFORM	5
4		MODERN ALGEBRA	6
5		APPLICATIONS OF MATHEMATICS III-STATISTICS-I	6
6		APPLICATIONS OF DIFFERENTIAL EQUATIONS	2
7		ENVIRONMENTAL STUDIES	2

SEMESTER-VI

S.NO	SUBJECT CODE	SUBJECT NAME	HOURS
1		COMPLEX ANALYSIS	5
2		GRAPH THEORY	5
3		OPERATION RESEARCH	5
4		LINEAR ALGEBRA	5
5		APPLICATIONS OF MATHEMATICS IV- STATISTICS II	5
6		MATHEMATICAL MODELING	2
3		VALUE EDUCATION	2
4		EXTENSION ACTIVITIES	-