

FIRST SEMESTER

Course	SUBJECTS
Part - I	Language – Paper - I
Part - II	Communicative English – Paper - I
	Professional English – Paper - I
Part - III	Core Paper – I : Algebra
	Core Paper –II : Differential Calculus
	Allied Paper – I : Calculus of Finite Differences and Numerical Analysis - I
Part - IV	Basic Tamil / Non Major Elective -I
	Soft Skills - I

SECOND SEMESTER

Course Content	SUBJECTS
Part - I	Language – Paper - II
Part - II	Communicative English – Paper - II
	Professional English – Paper - II
Part - III	Core Paper – III : Trigonometry
	Core Paper –IV : Integral Calculus and Vector Analysis
	Allied Paper –II : Calculus of Finite Differences and Numerical Analysis - II
Part - IV	Basic Tamil / Non Major Elective - II
	Soft Skills - II

THIRD SEMESTER

Course	SUBJECTS
Part - I	Language – Paper - III
Part - II	Communicative English – Paper - III
	Professional English – Paper - III
Part - III	Core Paper – V : Analytical Geometry
	Core Paper –VI : Differential Equations
	Allied Paper –III : Mathematical Statistics - I
Part - IV	Environmental Studies
	Soft Skills - III

FOURTH SEMESTER

Course Content	SUBJECTS
Part - I	Language – Paper - IV
Part - II	Communicative English – Paper - IV
	Professional English – Paper - IV
Part - III	Core Paper – VII : Transform Techniques
	Core Paper –VIII : Statics
	Allied Paper –IV : Mathematical Statistics - II
	Allied Practical: Mathematical Statistics
Part - IV	Environmental Studies
	Soft Skills - IV

FIFTH SEMESTER

Course Content	SUBJECTS
Part - III	Core Paper – IX : Algebraic Structures - I
	Core Paper –X : Real Analysis - I
	Core Paper – XI : Dynamics
	Core Paper – XII : Discrete Mathematics
	ElectivePaper-I: Chooseanyonefrom Group-A
Part - IV	Value Education

SIXTH SEMESTER

Course Content	SUBJECTS
Part - III	Core Paper – XIII : Algebraic Structures - II
	Core Paper –XIV : Real Analysis - II
	Core Paper – XV : Complex Analysis
	ElectivePaper-I: Chooseanyonefrom Group-B
	ElectivePaper-I: Chooseanyonefrom Group-B
Part - IV	Extension Activity

LIST OF ELECTIVE SUBJECTS

SL.NO	GROUP A
1	PROGRAMMING LANGUAGE 'C' WITH PRACTICALS
2	PROGRAMMING LANGUAGE PYTHON WITH PRACTICALS..
3	MATHEMATICAL MODELING
4	NUMERICAL METHODS.

SL.NO	GROUP B
1	ELEMENTARY NUMBER THEORY
2	GRAPH THEORY
3	OPERATIONS RESEARCH
4	SPECIAL FUNCTIONS
5	APPLIED STATISTICS