

Theivanai Ammal College for Women (Autonomous), Villupuram

Department Name : English

S.No	Class and Major	Discipline Name	Course Title
1.	II B.A English	Humanities	Introduction to Modern Linguistics
2.	III B.A English		Contemporary Literature (Major Optional)
3.			English Language and Literature

Department Name : Business Administration

S.No	Class and Major	Discipline Name	Course Title
1.	I UG NME	Basic Courses (Semester 1 and 2)	Leadership
2.	II BBA, II MCA		Human Resource Management-I
3.	II BBA	Management	Economics / Management / Entrepreneurship
4.	II BBA		Organizational Behaviour
5.	III BBA	Basic Courses (Semester 1 and 2)	Strategic Management

Department Name : Commerce

S.No	Class and Major	Discipline Name	Course Title
1.	I B.Com & I B.Com CA	Management	International Business Communication
2.	I B.Com	Management	Economics
3.	II B.Com & II B.Com CA	Management	Security Analysis and Portfolio Management
4.	II B.Com CA	Humanities and Social Sciences	Money & Banking
5.	III B.Com & III B.Com CA	Management	Entrepreneurship
6.	III B.Com & III B.Com CA	Management	Management
7.	I M.Com	Management	Managerial Economics

Department Name : Mathematics

S.No	Class & Major	Discipline Name	Course Title
1.	I B.Sc Mathematics	Mathematics	Discrete Mathematics
2.			Calculus of Variations and Integral Equations
3.		Computer Science and Engineering	Graph Theory
4.	II B.Sc Mathematics	Basic Courses (Semester 1 and 2)	Applied mechanics
5.	III B.Sc Mathematics	Mathematics	Advanced Complex Analysis - Part 2: Compactness of Meromorphic Functions
6.			Advanced Matrix Theory and Linear Algebra for Engineers
7.			A Basic Course in Real Analysis
8.		Basic Courses (Semester 1 and 2)	Numerical Methods and Computation
9.		Mathematics	Real Analysis
10.			Numerical methods of Ordinary and Partial Differential Equations
11.		Basic Courses (Semester 1 and 2)	Numerical methods and programing
12.		Mathematics	Advanced Complex Analysis - Part 1:Zeros of Analytic Functions, Analytic continuation, Monodromy, Hyperbolic Geometry and the Reimann Mapping
13.			Linear Algebra
14.			Elementary Numerical Analysis
15.			Complex Analysis
16.			Mathematical Logic
17.			Formal Languages and Automata Theory
18.			Linear programming and Extensions
19.		Foundations of Optimization	
20.	I M.Sc, Mathematics	Mathematics	Foundations of Optimization
21.			Optimization
22.			Measure and Integration
23. ‘	II M.Sc. Mathematics	Mathematics	Probability and Statistics
24.			Functional Analysis

25.			Statistical Inference
26.			Statistical Methods for Scientists and Engineers
27.	Allied	Basic Courses (Semester 1 and 2)	Mathematics -II

Department Name : Physics

S.No	Class and Major	Discipline Name	Course Title
1.	III UG	Physics	Nuclear Physics: Fundamentals and Applications
2.			Special/Select Topics in Atomic Physics
3.	II PG		Selected Topics in Mathematical Physics

Department Name : Chemistry

S.No	Class and Major	Discipline Name	Course Title
1.	II UG	Chemistry and Biochemistry	Advance Analytical Course
2.	III UG		Advance Analytical Course
3.	I PG		Bio-inorganic chemistry
4.	II PG	Chemistry and Biochemistry	Principles and Applications of Electron Paramagnetic Resonance Spectroscopy
5.		Nanotechnology	Nano structured materials-synthesis, properties, self assembly and applications
6.			Nanostructures and Nanomaterials: Characterization and Properties

Department Name : Biochemistry

S.No	Class and Major	Discipline Name	Course Title
1.	I B.Sc	Chemistry and Biochemistry	Bio Chemistry I
2.	II B.Sc		Essentials in Immunology
3.	III B.Sc	Biotechnology	Analytical Technologies in Biotechnology
4.	I M.Sc	Chemistry and Biochemistry	Eukaryotic Gene Expression - basics and benefits
5.	II M.Sc	Biotechnology	Proteomics: Principles and Techniques

Department Name : Computer Science

S.No	Class and Major	Discipline Name	Course Title
1.	I B.Sc CS	Computer science and Engineering	<u>Data structures and algorithms</u>
2.	II B.Sc CS		<u>Database design</u>
3.	III B.Sc CS		<u>Computer networks</u>
4.	I M.Sc CS		<u>Design and analysis of algorithms</u>
5.	I M.Sc CS		<u>Software engineering</u>
6.	II M.SC CS		<u>Compiler Design</u> <u>Compiler design</u>
7.	II M.Sc CS	Electronics and Communication Engineering	<u>Digital image processing</u>
8.	I B.C.A	Computer science and Engineering	<u>Data structures and algorithms</u>
9.	III B.C.A		<u>Computer Graphics</u>
10.	II B.C.A		<u>Database design</u>
11.	III B.C.A		<u>Computer networks</u>
12.	II M.C.A		<u>Principles of compiler design</u>