

**TEACHING PLAN: 2017 – 2018**

**Semester – I      Class: F. Y. B. Sc      Division: PCM**

**Subject / Paper: I CALCULUS – I**

**Name: Prof. Dr.S. ARUNACHALAM**

**Department: MATHEMATICS**

<b>Month</b>	<b>Topics to be covered</b>
June	-
July	The Real Number System
August	The Real Number system and Sequences
September	Sequences
October	Limits and Continuity

**Semester – II      Class: F. Y. B. Sc      Division: PCM**

**Subject / Paper I: CALCULUS – II**

<b>Month</b>	<b>Topics to be covered</b>
November	Series
December	Series and Continuous Functions
January	Differentiation
February	Differentiation and Applications
March	Applications of Differentiation

Signature of HOD

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Date:

**TEACHING PLAN: 2017 – 2018**

**Semester – III      Class: S. Y. B. Sc      Division: PM**

**Subject / Paper I: CALCULUS – III**

**Name: Prof. Dr.S. ARUNACHALAM**

**Department: MATHEMATICS**

<b>Month</b>	<b>Topics to be covered</b>
June	-
July	Functions of Several Variables
August	Differentiation
September	Applications of Differentiation
October	Applications of Differentiation

**Semester – IV      Class: S. Y. B. Sc      Division: PM**

**Subject / Paper I: CALCULUS IV**

<b>Month</b>	<b>Topics to be covered</b>
November	Nested Intervals Theorem and Applications
December	Riemann Integration
January	Indefinite Riemann Integrals
February	Improper Riemann Integrals
March	Double Integrals

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**TEACHING PLAN: 2017 – 2018**

**Semester – III      Class: S. Y. B. Sc      Division: PM**

**Subject / Paper III: INTRODUCTION TO COMPUTING AND  
PROBLEM SOLVING – I**

**Name: Prof. Dr. S. ARUNACHALAM**

**Department: MATHEMATICS**

<b>Month</b>	<b>Topics to be covered</b>
June	-
July	Algorithms
August	Algorithms and Graphs
September	Graphs and Shortest Path Algorithm
October	Trees and Traversal Algorithm

**Semester – IV      Class: S. Y. B. Sc      Division: PM**

**Subject / Paper III: INTRODUCTION TO COMPUTING AND  
PROBLEM SOLVING – II**

<b>Month</b>	<b>Topics to be covered</b>
November	Problem Solving Strategies
December	Python Prgramming Language
January	Iterations
February	Strings
March	Files Handling in Python

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**TEACHING PLAN: 2017 – 2018**

**Semester – I**

**Class: F. Y. B. Com**

**Division: E**

**Subject / Paper: MATHEMATICAL AND STATISTICAL TECHNIQUES**

**Name: Prof.Dr. S. ARUNACHALAM**

**Department: MATHEMATICS**

<b>Month</b>	<b>Topics to be covered</b>
June	-
July	Maths: Linear Programming Problem
August	Maths: Permutations and Combinations
September	Maths: Shares
October	Maths: Mutual Funds

**Semester – II**

**Class: F. Y. B. Com**

**Division: E**

**Subject / Paper: MATHEMATICAL AND STATISTICAL TECHNIQUES**

<b>Month</b>	<b>Topics to be covered</b>
November	Maths: Derivatives
December	Maths: Applications of Derivatives
January	Maths: Applications of Derivatives
February	Maths: Simple and Compound Interest
March	Maths: Annuity

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Signature of Faculty

Date:

**NAME OF THE TEACHER: DR. ANSARIYA RANA**

**Subject : Zoology**

**Class : F.Y. B.Sc**

**Semester I**

<b>Months</b>	<b>Topic to be covered</b>
<b>June</b>	-
<b>July</b>	-
<b>August</b>	<b>Biodiversity and its conservation.</b>
<b>September</b>	<b>Biodiversity and its conservation</b>
<b>October</b>	<b>Examination</b>

**Subject : Zoology**

**Class : F.Y. B.Sc**

**Semester II**

<b>Months</b>	<b>Topic to be covered</b>
<b>Novemeber</b>	<b>Population Ecology</b>
<b>December</b>	<b>Population Ecology</b>
<b>January</b>	<b>Population Ecology</b>
<b>February</b>	<b>Population Ecology</b>

**Subject : Zoology**

**Class : S.Y. B.Sc**

**Semester III**

<b>Months</b>	<b>Topic to be covered</b>
<b>June</b>	<b>Study of nutrition and excretion</b>
<b>July</b>	<b>Stud of nutrition and excretion,Control and coordination,locomotion and reproduction</b>
<b>August</b>	<b>Applied Zoology,Chromosomes and heredity</b>
<b>September</b>	<b>Chromosomes and heredity</b>
<b>October</b>	<b>Examination</b>

**Subject : Zoology**

**Class : S.Y. B.Sc**

**Semester IV**

<b>Months</b>	<b>Topic to be covered</b>
<b>Novemeber</b>	<b>Cell Biology</b>
<b>December</b>	<b>Cell Biology,Endo membrane System</b>
<b>January</b>	<b>Endomembrane system</b>
<b>February</b>	<b>Biomolecules</b>

**Subject : Zoology**

**Class : T.Y. B.Sc**

**Semester V**

<b>Months</b>	<b>Topic to be covered</b>
<b>June</b>	<b>Basic Hematology</b>
<b>July</b>	<b>Basic Hematology, Quality Control &amp; Packaging</b>
<b>August</b>	<b>Oceanography</b>
<b>September</b>	<b>Crafts and gears</b>
<b>October</b>	<b>Examination</b>

**Subject : Zoology**

**Class : T.Y. B.Sc**

**Semester VI**

<b>Months</b>	<b>Topic to be covered</b>
<b>Novemeber</b>	<b>Homeostasis</b>
<b>December</b>	<b>Homeostasis</b>
<b>January</b>	<b>Marine fin fish of india</b>
<b>February</b>	<b>Marine shell fish of India</b>