



JSPB's  
**KAL. RASIKA MAHAVIDYALAYA, DEONI, DIST. LATUR**  
**Teaching Plan – 20 22 - 20 23**

Name of Teacher : Dr. Sudarshan Sambhajirao Pedge  
Class : B. Sc First Year Semester: I<sup>st</sup>  
Subject : Zoology Paper No: I  
Name of Paper : CCZI- Biodiversity of Invertebrates

Month	Portion to be covered
JULY	<b>Unit -I</b> 1. <b>Introduction of Non-chordates</b> 2. <b>Protozoa:</b> General characters and classification up to class level with suitable examples; Locomotory Organelles and locomotion in Protozoa. Brief account of each of Structure, Life Cycle, Pathogenicity and Control Measures of <i>Plasmodium vivax</i> . 3. <b>Porifera:</b> -General characters and classification up to class level with suitable examples; Canal System in <i>Sycon</i> ; Economic importance of Porifera.
AUGUST	<b>Unit- II</b> 1. <b>Coelenterata:</b> General characters and classification up to class level with suitable examples; Polymorphism in Hydrozoa 2. <b>Platyhelminthes:</b> General characters and classification up to class level with suitable examples; Brief account of each of Structure, Life Cycle, Pathogenicity and Control Measures of <i>Taenia solium</i> . 3. <b>Nemathelminthes:</b> General characters and classification up to class level with suitable examples; Brief account of each of Structure, Life Cycle, Pathogenicity and Control Measures of <i>Ascaris lumbricoides</i>
SEPTEMBER	<b>UNIT – III</b> 1. <b>Annelida:</b> General characters and classification up to class level with suitable examples; Metamerism in Annelida; vermiculture and vermicomposting. 2. <b>Arthropoda:</b> General characters and classification up to class level with suitable examples; Metamorphosis in Insects. <b>Cockroach-</b> External Morphology, Digestive system, Respiratory system, Nervous system. Economic importance of insects
OCTOBER	<b>UNIT – IV II</b> 1. <b>Mollusca:</b> General characters and classification up to class level with suitable examples; Economic importance of mollusca. 2. <b>Echinodermata:</b> General characters and classification up to class level with suitable examples; Star Fish- External Morphology, Larval forms in Echinoderms. 3. <b>Hemichordata:</b> General Characters and Affinities.

Extra teaching hours plan to cover the syllabus within the prescribed period.

Teacher's Signature

Principal

Principal

Kal. Rasika Mahavidyalaya, Deoni  
Tq. Deoni Dist. Latur



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**TEACHING PLAN – 20 22 - 20 23**

Name of Teacher : Dr. Sudarshan Sambhajirao Pedge

Class : B. Sc First Year

Semester: II

Subject : Zoology

Paper No: IV

Name of Paper : CCZ-II- Developmental Biology

Month	Portion to be covered
DECEMBER	<b>UNIT – I</b> 1. Introduction of Developmental Biology 2. Early Embryonic Development: Gametogenesis: Spermatogenesis and oogenesis in mammals; vitellogenesis in birds; 3. Types of eggs: a) On the basis of amount of yolk b) On the basis of distribution of yolk
JANUARY	<b>UNIT – II</b> 1. Gametes of Frog: a) Structure of sperm; b) Structure of ovum; 2. Frog Embryology: a) Fertilization; b) Cleavage; c) Blastulation; d) Gastrulation; e) Formation of three germinal layers; 3. Regeneration in chordates.
FEBRUARY	<b>UNIT – III</b> 1. Chick Embryology: (Extra-embryonic membranes) - Structure and functions of- Amnion; Chorion; Yolk sac; Allantois 2. Placentation in mammals: Classification on the basis of- Origin; Histology; Distribution of villi. Functions of Placenta.
MARCH	<b>UNIT – IV</b> 1. Stem Cell: a) Sources; b) Types – Embryonic, Haemopoietic, Adult, Nervous; c) Role of stem cells in human health. 2. Infertility in Humans-Causes, diagnosis and treatment. 3. Assisted Reproduction Technologies- a) In-Vitro Fertilization (IVF) b) Gamete Intra-Fallopian Transfer (GIFT); c) Intra cytoplasmic Sperm injection (ICSI); d) Zygote, Intrafallopian transfer (ZIFT); e) Intrauterine Insemination (IUI). 4. Parthenogenesis: a) Natural; b) Artificial.

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Teaching Plan – 20 22 - 2023

Name of Teacher : Dr. Sudarshan Sambhajirao Pedge

Class : B. Sc Second Year

Semester: III

Subject : Zoology

Paper No: VII

Name of Paper : CCZ-III- Biochemistry

Month	Portion to be covered
JULY	UNIT – I 1. <b>Biomolecules:</b> Classification, Structure and Properties of Carbohydrates. Classification, Structure and Properties of Proteins. Classification, Structure and Properties of Lipids.
AUGUST	UNIT – II Electrochemical properties of Water, pH and Colligative properties <b>Enzymes:</b> Nomenclature and Classification Mechanism of Enzyme Action- E-S Complex Formation, Lock and Key Model, Induced Fit Theory. Factors affecting Enzyme Activity- Temperature, pH, Concentration of Enzyme, Concentration of Substrate.
SEPTEMBER	UNIT – III <b>Carbohydrate Metabolism:</b> Glycolysis (EMP Pathway) Glycogenesis, Glycogenolysis and Glyconeogenesis Citric Acid Cycle (Krebs Cycle) Pentose Phosphate Pathway (HMP shunt).
OCTOBER	UNIT – IV 1. <b>Lipid metabolism</b> : The s-Oxidation (Beta Oxidation) Pathway Ketosis, Ketogenesis and Ketolysis. 2. <b>Protein metabolism:</b> Transamination, deamination and decarboxylation reactions of amino acids. Disposal of nitrogenous waste. Krebs-Henseleit Urea Cycle (Ornithine cycle).

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**Teaching Plan – 2022 - 2023**

Name of Teacher : Dr. Sudarshan Sambhajirao Pedge

Class : B. Sc Second Year

Semester: IV

Subject : Zoology

Paper No: IX

Name of Paper : CCZ-IV- Evolutionary Biology and Genetic Engineering

Month	Portion to be covered
December	<b>UNIT – I</b> 1. <b>Introduction to theories of Evolution:</b> Lamarckism, Darwinism, Neo-Darwinism, Hugo De Vries theory. 2. <b>Evidences of organic Evolution:</b> i) <b>Morphological and Anatomical evidences:</b> Homologous, analogous and vestigial structures and their evolution. ii) <b>Physiological and Biochemical evidences:</b> examples. iii) <b>Embryological Evidences:</b> examples, Biogenetic Law. iv) <b>Palaeontological Evidences:</b> Distribution of fossils in rocks, dating of rocks and fossils, conclusion drawn from fossil records (brief account). v) <b>Taxonomical evidences:</b> evolution based principles of classification, phylogenetic tree. 3. <b>Processes of Evolutionary Change:</b> Organic variations; Isolating Mechanisms; Natural selection (Example: Industrial melanism); Types of natural selection (Directional, Stabilizing, Disruptive), Artificial selection.
January	<b>UNIT – II</b> 1. <b>Species Concept:</b> Biological species concept (Advantages and Limitations); Modes of speciation (Allopatric, Sympatric). 2. <b>Extinction:</b> Mass extinctions in history of earth, Mass extinction- Causes, Role of extinction in evolution. 3. <b>Adaptive radiation-</b> Causes and significance, Adaptive radiation in Darwin's finches. 4. <b>Hardy-Weinberg Principle-</b> Hardy-Weinberg Equilibrium, Factors that upset Hardy-Weinberg Equilibrium
February	<b>UNIT – III</b> <b>Nature and functions of genetic materials.</b> i) DNA – Structure, types and functions. ii) RNA – Structure, types and functions. iii) Genetic code 2. <b>Introduction to Genetic Engineering.</b> 3. <b>Recombinant DNA Technology</b> i) Tools: - A) Enzymes: - a) Lysing b) Ligases c) Nucleases (Exonucleases, Endonucleases, Restriction Endonucleases) d) Synthetases (DNA polymerase, Reverse transcriptase). B) Vectors: - Cloning vectors (Plasmid -psBR322, Bacteriophage-Lambda phage, Virus-SV40, Cosmid vectors).
March	<b>UNIT – IV</b> 1. <b>Techniques:</b> i) Gel-Electrophoresis ii) PCR (Polymerase Chain Reaction) iii) Southern, Northern and Western Blotting. 2. Construction of rDNA 3. c-DNA libraries and Genomic libraries 4. Transgenesis and Transgenic animals (Transgenic cattle, sheep, pig and fish) 5. Cloning and cloned animals (Dolly sheep). 6. DNA fingerprinting.

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**Teaching Plan – 20 22 - 20 23**

Name of Teacher : Dr. Sudarshan Sambhajirao Pedge

Class : B. Sc Third Year

Semester: V

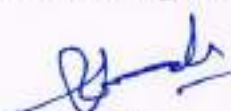
Subject : Zoology

Paper No: XII

Name of Paper : DSEZ-I- Ecology & Zoo-geography

Month	Portion to be covered
JULY	<b>UNIT – I</b> <b>1. Ecology</b> -Introduction and Scope of Ecology <b>2. Introduction to Ecosystem.</b> 2.1. Components of an ecosystem a) Abiotic components – Light, Temperature & Water b) Biotic components – Producers, Consumers & Decomposers. 2.2. Types of Ecosystem- <b>Aquatic</b> - Pond ecosystem. <b>Terrestrial</b> - Desert Ecosystem. 2.3. Food Chain, Food Web, Ecological Pyramids. 2.4. Energy Flow in an Ecosystem. <b>3. Bio-geochemical Cycles.</b> 3.1. <b>Gaseous Cycle</b> - Oxygen Cycle. 3.2. <b>Sedimentary Cycle</b> - Sulphur Cycle. <b>4. Spheres of Earth.</b> 4.1. Atmosphere 4.2. Lithosphere 4.3. Hydrosphere 4.4. Biosphere. 4.5. Ecological Succession-, Trends, Basic Types, Hydrarch and Xerarch
AUGUST	<b>UNIT – II</b> <b>1. Population Ecology</b> – Characteristics of Population. 1.1 Natalty, 1.2 Mortality, 1.3 Population Dispersal, 1.4 Population density. 1.5 Age distribution, 1.6 Population Growth Form, 1.7 Population Equilibrium and Fluctuation. <b>2. Biotic interactions.</b> 2.1 Positive interactions – Commensalism, Mutualism. 2.2 Negative interactions – Competition, Predation, Parasitism.
SEPTEMBER	<b>UNIT – III</b> <b>1. Pollution – Sources, Effects and Control</b> 1.1 Air Pollution 1.2 Water Pollution 1.3 Noise Pollution <b>2. Energy Resources.</b> 2.1 Conventional energy resources and their limitations. 2.1.1 Fossil Fuels. 2.1.2 Nuclear Power. 2.1.3 Hydel Power. 2.2 Non-conventional energy resources – Advantages, Limitations & Latest developments. 2.2.1 Solar Energy. 2.2.2 Wind Energy. 2.2.3 Tidal Energy
OCTOBER	<b>UNIT – IV</b> <b>1. Adaptations.</b> 1.1 Aquatic Adaptations 1.2 Desert Adaptations 1.3 Volant Adaptations. <b>2. Wildlife Conservation and Endangered Species</b> 2.1 Aims & necessity of wildlife conservation. 2.2 Wild life and Endangered species of India. 2.3 Measures to protect endangered species in India 2.4 Sanctuaries and National parks in India. <b>3. Zoogeographical Realms –</b> Physical features and fauna of following Realms in Brief. 3.1 Oriental Realm 3.2 Australian Realm

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**Teaching Plan – 20 22 - 20 23**

Name of Teacher : Dr. Sudarshan Sambhajirao Pedge  
Class : B. Sc Third Year Semester: VI  
Subject : Zoology Paper No: XIV  
Name of Paper : DSEZ-II- Ethology, Biometry and Bioinformatics

Month	Portion to be covered
Dec	<b>UNIT – I Ethology</b> <b>1. Classification of Animal Behavior-</b> 1.1. Inborn or stereotyped animal behavior – Taxis and Instincts with examples. 1.2. Acquired animal behavior – Imprinting, Conditioning, Habituation, Reasoning. 1.3 Social Behaviour in Insects –Honeybee.
Jan	<b>UNIT – II Ethology 12</b> <b>1. Communication in animals</b> 1.1 Auditory Communication 1.2 Chemical Communication 1.3 Visual Communication 1.4 Tactile Communication <b>2. Mimicry and Colouration</b> 2.1 Types of Mimicry- Protective and Aggressive 2.2 Types of Colouration- Protective, Aggressive and Warning
Feb	<b>UNIT – III Biometry 12</b> <b>1. Collection and Classification of Data</b> 1.1 Methods of collection of data 1.2 Types of classification of data - Geographical, Chronological, Quantitative, Qualitative, Continuous, Discontinuous. <b>2. Measures of Central Tendency</b> Arithmetic Mean, Median and Mode <b>3. Graphic Representation of Data</b> 3.1. Histogram 3.2 Pie Diagram 3.3 Polygon Frequency Curve
Mar.	<b>UNIT – IV Bioinformatics 12</b> 1.1 Computer and their Applications in Biology 1.2 Internet and its Uses 1.3 World Wide Web 1.4 Search Engines 1.5 Broad Applications of Bioinformatics 1.6 Introduction to Biological Database- a) NCBI, b) Pub Med

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**Kai. Rasika Mahavidyalaya, Deoni**  
**Yearly Teaching Plan (2022-2023)**

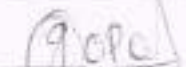
Name of the teacher: Bhusawale A.N.

Subject:- **Fundamentals of Salesmanship**

Class: **B.Com. First year**

Month	Topic(s) to be taught (Sem I)
July	Admission Process
Aug	<b>Unit I:</b> Salesman and Salesmanship
Sep	<b>Unit II:</b> Personal Selling and Salesmanship
Oct	<b>Unit III:</b> Buying Motives  <b>Unit IV:</b> Consumer behaviour and Salesmanship
	<b>Unit V :</b> Sales Presentation
<b>I<sup>st</sup> Semester University Exam</b>	
	<b>Semester II<sup>nd</sup></b> <span style="float: right;"><b>Paper Title:- Advertising</b></span>
Feb	<b>Unit- I:</b> Introduction to Advertising
Mar	<b>Unit- II:</b> Advertising Media  <b>Unit- III:</b> Advertising Budget
April	<b>Unit- IV:</b> Advertising agencies  <b>Unit V:</b> Advertising techniques
May	
April	<b>Semester End University Exam</b>

  
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**Yearly Teaching Plan (2022-2023)**

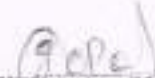
Name of the teacher: Bhusawale A.N.

Subject: Income Tax

Class: B.Com. S.Y. (Sem III & IV)

Month	Topic(s) to be taught
June	Admission Process
July	<b>Chapter 1:</b> Introduction & basic concepts  <b>Chapter 2 :</b> Exempted Income Under section 10  <b>Chapter 3:</b> Income from Salary
Aug	<b>Remaining topic of Income from Salary</b>  <b>Chapter 4:</b> Income from house property
Sep	<b>Chapter : 5</b> Income from business & profession
Oct	<b>Diwali Vacation(21th Oct – 13<sup>th</sup> Nov)</b>
Nov-Dec	<b>Semester End University Exam (18<sup>th</sup> Nov to 17<sup>th</sup> Dec.)</b>
	<b>Income Tax Law &amp; practice</b>
Jan	<b>Chapter 1</b> Income From Capital Gain  <b>Chapter 2</b> Incomes from other sources
Feb	<b>Chapter 3</b> Deduction from gross total income  <b>Chapter 4</b> Computation of Total Income
Mar	Remaining portion of Computation of Total income  <b>Chapter 5</b> Computation of tax liability
April	<b>Semester End University Exam (04<sup>th</sup> Apr. To 30<sup>th</sup> Apr)</b>
May-June	<b>Paper assessment &amp; result declaration</b>

  
Signature of the Teacher

  
Signature of H O D




**Kai. Rasika Mahavidyalaya, Deoni**  
**Yearly Teaching Plan (2022-2023)**


Name of the teacher: Bhusawale A.N.

Subject: Corporate Accounting

Class: B.Com. S.Y. (Sem III & IV)

Month	Topic(s) to be taught
June	Admission Process
July	<b>Unit I:</b> New concepts in Corporate Accounting  <b>Unit II:</b> Issues of Shares
Aug	<b>Unit III:</b> Company Final Accounts  <b>Unit IV:</b> Redemption of Preference shares
Sep	<b>Unit V:</b> Profit Prior to in Corporation
Nov-Dec	<b>Semester End University Exam (18<sup>th</sup> Nov to 17<sup>th</sup> Dec.)</b> <b>Advance Corporate Accounting</b>
Jan	<b>Unit I:</b> Amalgamation of companies  <b>Unit II:</b> Redemption of Debenture Remaining part of Redemption of Debenture
Feb	<b>Unit III:</b> Reconstruction of a company  <b>Unit IV:</b> Holding Company Account
March	<b>Unit V:</b> Liquidation of a company
April	<b>Semester End University Exam (04<sup>th</sup> Apr. To 30<sup>th</sup> Apr)</b>
May-june	<b>Paper assessment &amp; result declaration</b>

  
Signature of the Teacher



  
Signature of H O D

**Kai. Rasika Mahavidyalaya, Deoni****Yearly Teaching Plan (2022-2023)**

Name of the teacher: Bhusawale A.N.

Paper No: **Advanced Accounting -I**Class: **B.Com. Third Year**

Month	Topic(s) to be taught
June	Admission Process
July	<b>Unit I:</b> Government Accounting  <b>Unit II:</b> Hotel Business Accounting
Aug	<b>Unit III:</b> Underwriting of Shares and Debentures
Sep	<b>Unit IV:</b> Branch Accounting
Oct	<b>Unit V:</b> Agricultural Accounting <b>Diwali Vacation(21th Oct – 13<sup>th</sup> Nov)</b>
Nov-Dec	<b>Semester End University Exam (18<sup>th</sup> Nov to 17<sup>th</sup> Dec.)</b>
	<b>Semester VI<sup>th</sup> Paper title: Advance Accounting -II</b>
Jan	<b>Unit I:</b> Accounts of Electricity Company  <b>Unit II:</b> Departmental Accounts
Feb	<b>Unit III:</b> Packages Account  <b>Unit IV:</b> Account of Profession
Mar	<b>Unit V:</b> Insolvency Accounts
April	<b>Semester End University Exam (04<sup>th</sup> Apr. To 30<sup>th</sup> Apr)</b>
May-June	<b>Paper assessment &amp; result declaration</b>

  
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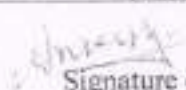
**Kai. Rasika Mahavidyalaya, Deoni**  
**Yearly Teaching Plan (2022-2023)**

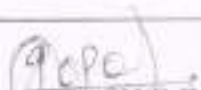
Name of the Teacher: Bhusawale A.N.

Subject: - Auditing - I

Class: B.Com. Third year

Month	Topic(s) to be taught (Sem V)
July	Admission Process
Aug	<b>UNIT I:</b> Introduction to Auditing <b>UNIT II:</b> Company Auditor
Sep	<b>UNIT III:</b> Audit Planning, Procedures and Documentation <b>UNIT IV:</b> Detection and Prevention of Fraud
Oct	<b>UNIT V:</b> Audit Evidence
Nov	Diwali Vacation
Dec	<b>Semester End University Exam</b>
Feb	<b>Semester VI<sup>th</sup></b> <span style="float: right;"><b>Paper title: Auditing - II</b></span> <b>UNIT I:</b> Checking Vouching and Audit Report
January	<b>UNIT II:</b> Internal Audit <b>UNIT III:</b> The Company Audit Provisions
February	<b>UNIT IV:</b> Audit of Banking Companies
March	<b>UNIT V:</b> Standards on Auditing

  
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Teaching Plan

Sem. I Year 2022-2023

Teacher's Name Dr. Celopal N. Somani

Class & division B.Com. Fy. Subject Fundamental Financial Accounts

Month	Portion to be Covered
01 Aug 2022	1] Introduction of Accountancy
September 2022	2] Final Account of Sole Trader 3] Joint Venture Account
October	4] Hire Purchase System Deewani Holiday's
November	5] Royalty Account's
December	Examination

Extra teaching hours plan to cover the Syllabus within the prescribed period.

Principal

Kai. Rasika  
Deoni

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IOA COORDINATOR  
Kai. Rasika Mahavidyalaya, Deoni

Teacher's Signature

*Celopal*



Kai.Rasika Mahavidyalaya, Deoni. Dist. Latur

Teaching Plan

Sem. I Year 2022-2023

Teacher's Name Dr. Celopal V. Samani

Class & division Bcom Fy Subject Business Economics-I

Month	Portion to be Covered
August 2022	1) Introduction to Business Economics 2) Demand Analysis
September	3) Theory of Consumer Behaviour
October	4) Theory of Production
November	5) Theory of Cost
December	Examination

Extra teaching hours plan to cover the Syllabus within the prescribed period.

Principal

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Deoni

Kai. Rasika  
Ta. Latur

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IQAC COORDINATOR  
Kai. Rasika Mahavidyalaya, Deoni

*[Signature]*  
Teacher's Signature



Kai.Rasika Mahavidyalaya, Deoni. Dist. Latur

Teaching Plan

Sem. III Year 2022-2023

Teacher's Name Dr. Chopal V. Samant

Class & division B.com Sy Subject COST ACCOUNTING

Month	Portion to be Covered
<u>20 July 2022</u>	<u>1) Introduction to COST ACCOUNTING</u>
<u>August</u>	<u>2) Single Output Costing</u>
<u>September</u>	<u>3) Material Cost</u>
<u>October</u>	<u>4) Labour Cost</u>
<u>November</u>	<u>5) Overhead Cost</u>

Extra teaching hours plan to cover the Syllabus within the prescribed period.

Principal

Kai. Rasika Mahavidyalaya, Deoni

IQAC COORDINATOR  
Kai. Rasika Mahavidyalaya, Deoni

Teacher's Signature



Kai.Rasika Mahavidyalaya, Deoni. Dist. Latur

Teaching Plan

Sem. V Year 2022-2023

Teacher's Name Dr. Ceopal V. Bomani


Class & division B.Com. IY Subject BANKING & Finance - I

Month	Portion to be Covered
<sup>20</sup> July 2022	1) Introduction to Banking
<del>September</del> <del>August</del> August	2) Indian Commercial Banks
September	3) Co-operative Banks in India.
October	4) Development Banks in India.
November	5) Banking Operations & Procedures

Extra teaching hours plan to cover the Syllabus within the prescribed period.

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Teacher's Signature





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KAI. RASIKA MAHAVIDYALAYA, DEONI, DIST. LATUR

Teaching Plan – 2022-2023

Name of Teacher : Dr. P. R. More

Class : B. Sc First Year

Semester: I<sup>st</sup>

Subject : Zoology

Paper No: II

Name of Paper : Biodiversity of Chordates

Month	Portion to be covered
July	<b>Unit –I</b> 1. Introduction of Chordates - Salient features and classification of chordates up to class level. Origin and Ancestry of Chordata 2. Protochordata: 3. Agnatha :
August	<b>Unit- II</b> 1. <b>Pisces:</b> General characters and classification up to order level with suitable examples; Scoliodon (Dogfish): External morphology, Digestive system, Respiratory system, Circulatory System, Nervous system, Urinogenital system. Economic importance of Fishes. 2. <b>Amphibia:</b> General characters and classification up to order level with suitable examples; Parental care in Amphibians; Hibernation and aestivation in Frog.
September	<b>UNIT – III</b> 1. <b>Reptiles:</b> General characters and classification up to order level with suitable examples; Poisonous and non-poisonous snakes; Biting mechanism in snakes; Importance of snake Venom. 2. <b>Aves:</b> General characters and classification up to order level with suitable examples; Flight adaptations in birds; Migration in birds.
October	<b>UNIT – IV 11</b> 1. <b>Mammals:</b> General characters and classification up to order level with suitable examples. 2. <b>Rat-</b> External characters, Digestive system, Respiratory system, Circulatory system, Nervous system - Brain and spinal cord, Eye and Ear.

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IQAC-COORDINATOR  
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Kai. Rasika Mahavidyalaya, Deoni  
Tq. Deoni Dist. Latur





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**TEACHING PLAN – 2022 2023**

Name of Teacher : Dr. P. R. More

Class : B. Sc First Year

Semester: II

Subject : Zoology

Paper No: III

Name of Paper : Comparative Anatomy of Vertebrates

Month	Portion to be covered
December	<b>UNIT – I</b> 1. General characters, origin and Ancestry of Vertebrates. 2. Integumentary System: Development, General structure and function of integument; Derivatives of integument- Epidermal and Dermal derivatives; 3. Skeletal System- Evolution of visceral arches; Comparative account of Limbs and girdles.
January	<b>UNIT – II 11</b> 1. <b>Digestive System:</b> Brief account of alimentary canal and digestive glands. 2. <b>Respiratory System:</b> Brief account of different respiratory organs in vertebrates- Gills, lungs, skin, air sacs and Accessory respiratory organs.
February	<b>UNIT – III 11</b> 1. <b>Circulatory System:</b> Brief account of Evolution of heart in vertebrates. Modifications of aortic arches in vertebrates; Blood circulation in various vertebrate groups- Single and Double circulation 2. <b>Urinogenital System:</b> Developmental Succession of kidney, Evolution of urinogenital system in vertebrates.
March	<b>UNIT – IV</b> 1. <b>Nervous System:</b> Structure of Neuron; Comparative account of Brain of Vertebrates. 2. <b>Sense Organs</b> - Types of receptors- Mechanoreceptors; Photoreceptors; Phonoreceptors.

Extra teaching hours plan to cover the syllabus within the prescribed period.

  
Teacher's Signature

  
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Teaching Plan – 20222023

Name of Teacher : Dr. P. R. More

Class : B. Sc SY

Semester: III

Subject : Zoology

Paper No: VI

Name of Paper : PHYSIOLOGY

Month	Portion to be covered
July	<b>UNIT –I</b> <b>1. Digestion:</b> Kinds of digestion-Intracellular and Extracellular Digestion. Physiology of digestion in the alimentary canal. Absorption of Carbohydrates, Proteins, Lipids. <b>2. Vitamins:</b> Sources and deficiency diseases of Fat soluble and Water soluble vitamins. <b>3. Respiration:</b> Kinds of Respiration- Direct and Indirect Respiration. Respiratory organs in man. Mechanism of Respiration in man. Transport of O <sub>2</sub> and CO <sub>2</sub>
August	<b>UNIT-II</b> <b>1. Excretion:</b> Structure of Kidney, Structure of nephron. Mechanism of Urine formation (Ultra-filtration and tubular re-absorption). Counter-current Mechanism. <b>2. Cardiovascular system:</b> Composition and functions of blood Types of heart in vertebrates: Neurogenic and Myogenic heart. Structure and working of Human Heart. Origin and conduction of the cardiac impulse, Cardiac cycle. E.C.G. and Blood Pressure
September	<b>UNIT-III</b> <b>1. Nerve Physiology:</b> Structure of generalized neuron Types of neurons Structure of synapse Major Neurotransmitters- Acetylcholine, adrenaline & dopamine. Conduction of nerve impulse <b>2. Muscle Physiology:</b> Types of muscles- smooth muscles, skeletal muscles and cardiac muscles. Ultra structure of skeletal muscles
October	<b>Unit- IV</b> <b>1. Reproduction:</b> Histological structure of human testes and ovaries. Physiology of male reproduction: hormonal control of spermatogenesis Physiology of female reproduction: hormonal control of oogenesis, menstrual cycle and pregnancy. <b>2. Endocrine Glands:</b> Structure, functions and hormonal disorders of – Pituitary gland, Thyroid gland, Adrenal gland, Islet's of Langerhans (Pancreas)

Extra teaching hours plan to cover the syllabus within the prescribed period.

  
Teacher's Signature

  
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Teaching Plan – 2022-2023

Name of Teacher : Dr. P. R. More

Class : B. Sc. SY

Semester: IV

Subject : Zoology

Paper No: VIII

Name of Paper : Cell Biology and Genetics

Month	Portion to be covered
December	<b>UNIT –I</b> 1. <b>Overview of Cells:</b> Structure of Prokaryotic and Eukaryotic cells. Microscopy for cell study. 2. <b>Cell Organelles:</b> Structure and functions of Cell Organelles- Plasma membrane, Endoplasmic reticulum, Golgi complex, Mitochondria, Ribosomes, Lysosomes and Nucleus. 3. Cell Cycle and its regulation
January	<b>UNIT-II</b> 1. <b>Introduction to Genetics:</b> Mendel's work on transmission of traits, Genetic Variation. 2. <b>Mendelian Genetics and its Extension:</b> Mendel's law of inheritance- Law of Dominance, Law of Segregation, Law of independent Assortment. Interaction of genes and modifying genes- Complementary factor (9:7); Supplementary factor (9:3:4); Inhibitory factor (13:3); Duplicate genes (15:1); Lethal genes (1:2:1)
February	<b>UNIT-III</b> 1. Multiple Alleles and Genes: i) Inheritance of ABO Blood groups in Man. ii) Rh factor and Erythroblastosis foetalis in man. iii) Polygenic characters- skin pigmentation in man. 2. Linkage and Crossing over: i) Linkage- Types and significance ii) Crossing over- a) Mechanism of crossing over, b) Factor affecting crossing over, c) Significance of crossing over. 3. Mutation i) Chromosomal Mutations: Deletion, Duplication, Inversion, Translocation, Aneuploidy and Polyploidy. ii) Gene mutations: Induced versus Spontaneous mutations, Back versus Suppressor mutations.
March	<b>Unit- IV</b> 1. <b>Sex determination</b> i) Chromosomal methods of sex determination. ii) Bridge's ratio theory of genic balance. 2. <b>Sex linked inheritance</b> i) Sex linked inheritance in Drosophila. ii) Sex linked inheritance in man – colourblindness, haemophilia, Hypertrichosis 3. <b>Cytoplasmic Inheritance-</b> Mitochondrial inheritance (in human being) 4. Human Genetics i) Syndromes – Turner, Klinefelter, Down, Cat-Cry, Patau syndrome ii) Inborn errors of metabolism – Phenylketonuria (PKU), Alkaptonuria, Albinism. iii) Human pedigree analysis with symbols.

Extra teaching hours plan to cover the syllabus within the prescribed period.

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Teaching Plan – 2022 2023

Name of Teacher : Dr. P. R. More

Class : B. Sc TY

Semester: V

Subject : Zoology

Paper No: XIII

Name of Paper : Pisciculture – XIII-A

Month	Portion to be covered
July	<b>UNIT –I</b> 1. Fish Farm Engineering 1.1 Topography; 1.2 Soil type; 1.3 Water supply; 1.4 Layout of fish farm 2. Fish Farm Management 2.1 Preparation and Management of Nursery pond 2.2 Preparation and Management of Rearing pond 2.3 Preparation and Management of Stocking Pond
August	1. Biology of Indigenous and Exotic carps. 2. Fish seed resources 2.1 Natural resources- Riverine resources 2.2 Artificial resources- Induced breeding by Hypophysation a) Historical back ground b) Technique of Induced breeding c) Bundh breeding d) Chinese hatchery e) Striping method 2.3 Transportation of fish seed and brooders.
September	<b>UNIT-III</b> 1) Carbohydrate metabolism: i) Glycogenesis, Glycogenolysis and Gluconeogenesis ii) Glycolysis iii) Krebs's cycle
October	<b>Unit- IV</b> 1) Protein metabolism : i) Deamination and Transamination ii) Ornithine cycle. 2) Lipid metabolism : i) B-Oxidation ii) Ketosis, Ketogenesis and Ketolysis.

Extra teaching hours plan to cover the syllabus within the prescribed period.

  
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Teaching Plan – 2022- 2023

Name of Teacher : Dr. P. R. More

Class : B. Sc. SY

Semester: VI

Subject : Zoology

Paper No: XV (A)

Name of Paper : Title of Paper: Aquaculture

Month	Portion to be covered
December	<b>UNIT –I</b> 1. <b>Introduction to Aquaculture</b> i) Definition, Scope and importance of aquaculture ii) Concepts of extensive aquaculture, intensive aquaculture. 2. <b>Types of Aquaculture</b> i) Monoculture ii) Polyculture iii) Integrated fish farming – a) Paddy cum fish culture b) Fish-cum pig farming c) Cattle-cum fish farming d) Fish-cum duck farming
January	<b>UNIT-II</b> 1. <b>Culture Methods</b> i) Pen culture ii) Cage culture 2. <b>Sewage Fed Fish Culture</b> i) Composition of sewage ii) Use of sewage for fish culture iii) Fish species suitable for sewage fed fish culture 3. <b>Man Made Hazards and Aquaculture</b> i) Domestic Sewage ii) Agricultural Sewage iii) Industrial Effluents
February	<b>UNIT-III</b> 1. <b>Characteristics of Water</b> i) Physical ii) Chemical ii) Biological 2. <b>Larvivorous Fishes</b> i) Characteristics of Larvicidal Fishes. ii) Larvicidal Fishes in India- Exotic species; Indigenous Species iii) Role of Larvivorous fishes in relation to Public health 3. <b>Aquatic weeds and their control</b> i) Types of weeds ii) Advantages and Disadvantages of weeds iii) Weed Control – Manual, Mechanical, Chemical and Biological
March	<b>Unit- IV</b> 1. <b>Culture of Non Fish Organisms</b> 1. Fresh water Prawn Culture 2. Pearl Oyster Culture and Edible Oyster Culture 3. Mussel Culture 2. <b>Mariculture</b> i) Introduction ii) Types of Mariculture iii) Fish Species for Mariculture 3. <b>Government Participation in Aquaculture</b> ICAR, Ministry of Agriculture, Ministry of Commerce, Ministry of Food Processing Industry.

Extra teaching hours plan to cover the syllabus within the prescribed period.

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Teaching Plan

Sem. II Year 2022-2023

Teacher's Name Dr. Chopal V. Samani

Class & division B.com F.Y Subject Financial Accounting

Month	Portion to be Covered
January 2023	1) Consignment Account
February	2) Accounts of Co-operative Societies 3) Insurance Claims
March	4) Instalment System
April.	5) Trust Accounting
<u>April</u> May 2023	Summer Examination


Extra teaching hours plan to cover the Syllabus within the prescribed period.

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Teaching Plan

Sem. II Year 2022-2023

Teacher's Name Dr. Celopal V. Samani

Class & division Bcom Fy Subject Business Economics - II

Month	Portion to be Covered
January 2023	1] Perfect Competition
February	2] Monopoly 3] Monopolistic Competition
March	4] Oligopoly
April	5] Theory of Distribution
May 2023	Summer Examination

Extra teaching hours plan to cover the Syllabus within the prescribed period.

Principal

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Deoni

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Teaching Plan

Sem. IV Year 2022-2023

Teacher's Name Dr. Laxopal V. Somani

Class & division Bcom Sy Subject Advanced Cost Accounting

Month	Portion to be Covered
January 2023	1) Contract Costing
February	2) Process Costing
March	3) Service Costing
April	4) Reconciliation of Cost & Financial Accounts 5) Cost Accounting Records of Cost Audit
May 2023	Summer Examination

Extra teaching hours plan to cover the Syllabus within the prescribed period.

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*Laxopal*  
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Teaching Plan

Sem. VI Year 2022-2023

Teacher's Name Dr. Geetal V. Somani

Class & division B.Com T.Y Subject Banking & Finance - II

Month	Portion to be Covered
January 2023	1) Reserve Bank of India.
February	2) Indian money market
March	3) Indian capital market
April	4) Securities & Exchange Board of India. 5) Recent Trends in Banking
May 2023	Summer Examination

Extra teaching hours plan to cover the Syllabus within the prescribed period.

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## Teaching Plan

Sem.....I..... Year 2022-2023.

Teacher's Name .....Dr. Dergale S.S......

Class & division...B.Com....F.Y..... Subject .....Statistics.....

Month	Portion to be Covered
July 2022	Unit - I Introduction to statistics Unit - II measures of central tendency.
Aug 2022	Unit - II ... continued Unit - III correlation analysis.
Sept 2022	Unit - III continued Unit - III measures of Dispersion.
Oct 2022	Unit - IV Regression Analysis Internal test.
NOV 2022	university exam

Extra teaching hours plan to cover the Syllabus within the prescribed period.

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Sem. .... III ..... Year 2022-2023.

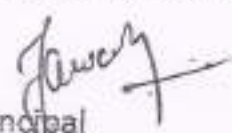
Teacher's Name ..... Dr. Durgal S.S. ....

Class & division ..... B. Com. S.Y. .... Subject ..... Mercantile Law

Month	Portion to be Covered
July 2022	Unit - I Indian contract Act, 1872 Unit - II Negotiable Instrument Act 1881
Aug 2022	Unit - III Sale of Goods Act, 1930 Unit - IV Indian Partnership Act, 1932
Sept 2022	Unit - IV ---- continued Unit - V Consumer protection Act 1986
Oct 2022	Internal test semester end
NOV/ Dec 2022	University exam

Extra teaching hours plan to cover the Syllabus within the prescribed period.

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## Teaching Plan

Sem.....III..... Year 2022-2023.

Teacher's Name Dr. Dengele S.S.

Class & division B.Com.S.Y Subject Principles of Business Management

Month	Portion to be Covered
July 2022	chapter - I Introduction of management chapter - II managerial planning and decision making.
AUG 2022	chapter - III Staffing and organizing chapter - IV New trends in management
Sept 2022	chapter - V managerial skill Interim test.
Nov/ Dec	University exam

Extra teaching hours plan to cover the Syllabus within the prescribed period.

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Principal

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## Teaching Plan

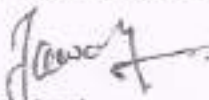
Sem.....V..... Year 2022.. 2023..

Teacher's Name .....Dr. Dangele S.S......

Class & division.....B.com - I - I..... Subject .....Management Accounting

Month	Portion to be Covered
July 2022	Unit - I Introduction to management Accounting Unit - II Fund Flow Statement
Aug 2022	Unit - III Cash Flow Statement Unit - IV Marginal Costing and Break even Analysis
Sept 2022	Unit IV - - - - continued Unit - V Budget and Budgetary Control
Oct 2022	Internal test.
Nov/ Dec	University exam

Extra teaching hours plan to cover the Syllabus within the prescribed period.

  
Principal

Principal  
Kai.Rasika Mahavidyalaya  
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Teaching Plan

Sem.....IV..... Year 2022-2023.

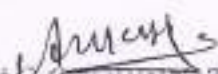
Teacher's Name.....Dr. Durgale S.S......

Class & division.....B.com-T.Y...... Subject.....Human Resource management

Month	Portion to be Covered
July 2022	Chapter - I An Introduction to HRM Chapter - II Human Resource planning.
Aug 2022	Chapter - III Human Resource recruitment and selection Chapter - IV Wages and salary administration
Sept 2022	Chapter - V Performance Appraisal
Oct 2022	Internal test.
Nov/ Dec 2022	University exam

Extra teaching hours plan to cover the Syllabus within the prescribed period.

  
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Teaching Plan

Sem.....II..... Year 2022-2023..

Teacher's Name .....Dr. Durgadevi S. S.....

Class & division...B.Cem - P.Y..... Subject .....Mathematics

Month	Portion to be Covered
Jan 2023	Unit - I Arithmetical operations - Ratios Variations and Proportions
Feb 2023	Unit - II matrices - Addition, subtraction and multiplication of matrices Unit - III Permutation and combination
March 2023	Unit - III ... continued Unit III - Probability.
April 2023	Unit - IV Index Numbers. Interval test.
May	University exam

Extra teaching hours plan to cover the Syllabus within the prescribed period.

  
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Teaching Plan

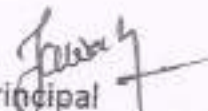
Sem.....IV..... Year 2022-2023..

Teacher's Name .....Dr. Dangele S.S.....

Class & division...B.com...S.Y..... Subject ...Business management

Month	Portion to be Covered
Jan 2023	chapter - I management thinkers and theories
Feb 2023	chapter - II Training and development chapter - III performance APPRAISAL
March 2023	chapter - IV International Business management chapter - V Recent development in management
April 2023	Practical test semester end
May 2023	University exam

Extra teaching hours plan to cover the Syllabus within the prescribed period.

  
Principal

  
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## Teaching Plan

Sem.....VI..... Year 2022, 2023.

Teacher's Name .....Dr. Dengele S.S......

Class & division.....B.com T.Y...... Subject .....Management Accounting

Month	Portion to be Covered
Jan 2023	Unit - I Financial Statement Analysis Unit - II Ratio Analysis
Feb 2023	Unit - III ..... continued Unit - IV working capital management
March 2023	Unit - IV capital Budgeting Unit - V Responsibility Accounting
April 2023	Porteronal test.
May 2023	University exam

Extra teaching hours plan to cover the Syllabus within the prescribed period.

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Teaching Plan

Sem.....VI..... Year 2022 2023.

Teacher's Name .....Dr. Dengele S.S......

Class & division.....B.Com..... Subject .....marketing management

Month	Portion to be Covered
Jan 2023	unit - I marketing unit - II marketing planning
Feb 2023	unit - III product and price decision unit - IV physical distribution and promotion
March 2023	unit - V - marketing information system
April 2023	Proctorial test.
May 2023	University exam

Extra teaching hours plan to cover the Syllabus within the prescribed period.

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## Department of Mathematics

### Teaching Plan

Sem: I      Year 2022-23

Teacher's Name: **Dr. Yogesh Manohar Muley**

Class: B.Sc. F.Y.

Subject: **Differential Calculus**

Months	Portion to be Covered
Aug	Unit – I Differentiation
Sept	Unit – II Expansion of functions, Tangents and Normals
Oct	Unit – III Mean Value Theorems
Dec	Unit – IV Partial Differentials

Extra teaching hours plan to cover the syllabus within the prescribed period

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## Teaching Plan

Sem. .... IV ..... Year 2022-2023.

Teacher's Name ..... Dr. Durgale S.S. .....

Class & division ..... B.com. S.Y. ..... Subject ..... Corporate Law .....

Month	Portion to be Covered
Jan 2023	Unit - I Introduction Unit - II Incorporation of the company
Feb 2023	Unit - III Financial structure Unit - IV membership in a company.
March 2023	Unit - ----- continued Unit - V Corporate Governance
April 2023	Internal test exam started.
May 2023	University exam

Extra teaching hours plan to cover the Syllabus within the prescribed period.

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Kai P. ....  
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## Department of Mathematics

### Teaching Plan

Sem: VI

Year 2022-23

Teacher's Name: Dr. Yogesh Manohar Muley

Class: B.Sc. T.Y.

Subject: Complex Analysis

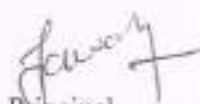
Months	Portion to be Covered
Jan	Unit - I Complex Numbers and Analytic Functions
Feb	Unit - II Elementary functions
March	Unit - III Integrals
April	Unit - IV Integrals and Series

Extra teaching hours plan to cover the syllabus within the prescribed period

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## Department of Mathematics

### Teaching Plan

Sem: VI Year 2022-23

Teacher's Name: Dr. Yogesh Manohar Muley

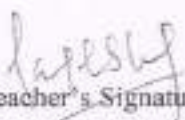
Class: B.Sc. T.Y.

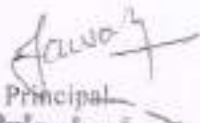
Subject: Integral Transforms (XVI)

Months	Portion to be Covered
Aug	Unit - I Laplace Transforms
Sept	Unit - II Inverse Laplace Transforms
Oct	Unit - III Solutions of Differential Equations and Integral Transforms
Dec	Unit - IV Fourier Transforms

Extra teaching hours plan to cover the syllabus within the prescribed period

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## Department of Mathematics

### Teaching Plan

Sem: III Year 2022-23

Teacher's Name: Dr. Yogesh Manohar Muley

Class: B.Sc. S.Y.

Subject: **Ordinary Differential Equations (VIII)**

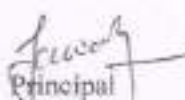
Months	Portion to be Covered
Jan	Unit - I Formation of a Differential Equations
Feb	Unit - II Rules for finding Integrating factors
March	Unit - III Linear equations with constant coefficients
April	Unit - IV Short method of finding the particular integrals in certain case, Linear Equations with variable coefficients

Extra teaching hours plan to cover the syllabus within the prescribed period

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## Department of Mathematics

Teaching Plan

Sem: V Year 2022-23

Teacher's Name: Dr. Yogesh Manohar Muley

Class: B.Sc. T.Y.

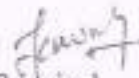
Subject: Metric Spaces (XII)

Months	Portion to be Covered
Jan	Unit - I Metric Space
Feb	Unit - II Convergence and Completeness
March	Unit - III Compactness
April	Unit - IV Connectedness

Extra teaching hours plan to cover the syllabus within the prescribed period

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Kai.Rasika Mahavidyalaya,  
DEONI Dist.Latur



# Kai. Rasika Mahavidyalaya, Deoni. Dist. Latur

## Department of Mathematics

Teaching Plan

Sem: V<sub>1</sub> Year 2022-23

Teacher's Name: Dr. Yogesh Manohar Muley

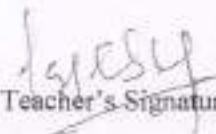
Class: B.Sc. T.Y.

Subject: Numerical Analysis

Months	Portion to be Covered
Aug	Unit - I Finite Differences and Interpolation
Sept	Unit - II Interpolation with unequal intervals
Oct	Unit - III Central Differences and Numerical Differentiation
Dec	Unit - IV Applications

Extra teaching hours plan to cover the syllabus within the prescribed period

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Teacher's Signature

  
Principal  
Kai. Rasika Mahavidyalaya,  
DEONI Dist. Latur

# Kai. Rasika Mahavidyalaya, Deoni. Dist. Latur

## Department of Mathematics

### Teaching Plan

Sem: II Year 2022-23

Teacher's Name: **Dr. Yogesh Manohar Muley**

Class: B.Sc. F.Y.

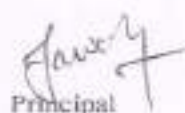
Subject: **Integral Calculus (II)**

Months	Portion to be Covered
Jan	Unit – I Integration of Algebraic Rational Functions
Feb	Unit – II Integration of Irrational Algebraic Functions
March	Unit – III Integration of Transcendental Functions
April	Unit – IV Beta, Gamma Functions and Multiple Integrals

Extra teaching hours plan to cover the syllabus within the prescribed period

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Teacher's Signature

  
Principal  
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# Kai. Rasika Mahavidyalaya, Deoni. Dist. Latur

## Department of Mathematics

### Teaching Plan

Sem: IV      Year 2022-23

Teacher's Name: **Dr. Yogesh Manohar Muley**

Class: B.Sc. S.Y.

Subject: **Partial Differential Equations (XI)**

Months	Portion to be Covered
Aug	Unit - I Partial Differential Equations
Sept	Unit - II Partial Differential Equations non-linear in p and q
Oct	Unit - III Non-homogeneous linear equations
Dec	Unit - IV Application on heat flow, Laplace equations, Transmission line equations

Extra teaching hours plan to cover the syllabus within the prescribed period

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Teacher's Signature

  
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# Kai.Rasika Mahavidyalaya, Deoni. Dist. Latur

## Teaching Plan

Sem. III Year 2012-2013

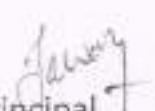
Teacher's Name Dr. Kunal R. A.

Class & division B.Sc. S.Y. Subject phy. (waves, oscillation)


Month	Portion to be Covered
Aug	Unit - I Waves
Sept	Unit - II stationary waves
Oct	Unit - III free & forced vibrations
Nov	Unit IV Acoustics & ultrasonics

Extra teaching hours plan to cover the Syllabus within the prescribed period.

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Principal

Kai.Rasika Mahavidyalaya  
Deoni, Tal. Deoni, Dist. Latur

  
Teacher's Signature



# Kai.Rasika Mahavidyalaya, Deoni. Dist. Latur

## Teaching Plan

Sem. III Year 2012-2013

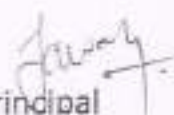
Teacher's Name Dr. Kunal R. A.

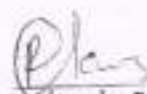
Class & division B.Sc. S.Y. Subject Phy. (Part - I) Optics & Lasers

Month	Portion to be Covered
Jan	Unit - I Geometrical Optics
Feb	Unit - II Interference & Diffraction
March	Unit - III Polarization Unit - IV Lasers
	<del>Unit - V</del>

Extra teaching hours plan to cover the Syllabus within the prescribed period.

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Principal

  
Teacher's Signature



Kai.Rasika Mahavidyalaya, Deoni. Dist.Latur

Teaching Plan

Sem. V Year 2012-2013

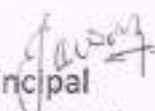
Teacher's Name Dr. Kunal R.A.

Class & division B.Sc. T.Y. Subject phy (Quantum Mechanics)


Month	Portion to be Covered
Aug	Unit - I Particle properties of matter
Sept	Unit - II Schrodinger eqn
Oct	Unit - III Application of Quantum Mechanics
Nov	Unit IV Quantum Theory of hydrogen atom.

Extra teaching hours plan to cover the Syllabus within the prescribed period.

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Principal

Kai.Rasika Mahavidyalaya  
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Teacher's Signature



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Teaching Plan

Sem. VI Year 2012-2013

Teacher's Name Dr. Kunal R.A.

Class & division B.Sc. T.Y. Subject Eng. Digital & comm. Ele

Month	Portion to be Covered
Jan	Unit - I Number System Ur
Feb	Unit - II Logic Gates Unit III Modulation & Demodulation
March	Unit - IV Communication Electronics


Extra teaching hours plan to cover the Syllabus within the prescribed period.

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Principal

Principal

Kai.Rasika Mahavidyalaya  
Deoni Tq. Deoni Dist. Latur

  
Teacher's Signature



Kal Rasika Mahavidyalaya, Deoni. Dist. Latur  
Teaching Plan

Sem. I Year 2022-2023

Teacher's Name Dr. Kunal R.A.

Class & division B.Sc. F.Y. Subject Phy. Mechanics

Month	Portion to be Covered
Aug -	Unit - I Mechanics
Sept	Unit - II Surface Tension
Oct	Unit - III Viscosity
Nov	Unit - IV Elasticity

Extra teaching hours plan to cover the Syllabus within the prescribed period.

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Principal  
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Teaching Plan

Sem. III Year 2022-2023

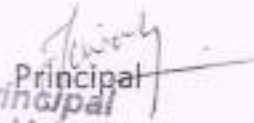
Teacher's Name Dr. Kunal R. A.

Class & division B.Sc. E.Y. Subject Heat & Thermodynamics

Month	Portion to be Covered
Jan	Unit - I Thermometry
Feb	Unit - II Real gases & their behavior Unit - III Transport pheno. in gases
March	Unit IV - Thermodynamics & Thermodynamics Relation.

Extra teaching hours plan to cover the Syllabus within the prescribed period.

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Principal  
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Teaching Plan

Sem. I Year 2022-2023

Teacher's Name Dr. V. S. More

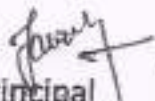
Class & division B.Sc. F.Y. Subject Physical + Inorganic chemistry - II

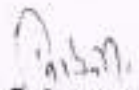
Month	Portion to be Covered
July-2022	- Unit - I Mathematical Concept and SI Units
Aug. 2022	Unit - II - surface chemistry Unit - III - Gaseous State
Sep. 2022	Unit - IV - Solid State Unit - V - A) s-Block elements
Oct. 2022	B) Oxidation and Reduction
Nov Dec.	University exam

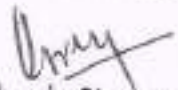
Extra teaching hours plan to cover the Syllabus within the prescribed period.

Aug. 22, Gaseous State

Oct. 22, Oxidation & Reduction

  
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Tq. Deoni Dist. Latur

  
Teacher's Signature



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Teaching Plan

Sem. II Year 2022-2023

Teacher's Name Dr. Y. S. More

Class & division B.Sc. F.Y. Subject Physical + Inorganic Chemistry

Month	Portion to be Covered
Jan-2023	Unit-I - Atomic Structure Unit-II - Liquid state
Feb-2023	Unit-II - Liquid state Unit-III - colloidal state
March 2023	Unit-III - colloidal state Unit-IV - catalyst Unit-V - chemical Bonding-I
April 2023	Unit-V - chemical Bonding-I Unit-VI - chemical Bonding-II
April May	University Exam

Extra teaching hours plan to cover the Syllabus within the prescribed period.

March-23, chemical Bonding-I

April-23 chemical Bonding-II

  
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Teacher's Signature



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Teaching Plan

Sem. III<sup>rd</sup> Year 2022-2023

Teacher's Name Dr. V.S. More

Class & division B.Sc. S.Y. Subject Organic + Inorganic chemistry

Month	Portion to be Covered
July 2022	Unit-I. Name Reactions of Aldehydes and Ketones with Mechanism. A) condensation Reaction B) Reduction Rea C) oxidation Reaction.
Aug. 2022	Unit-II. Aromatic Carboxylic & Sulphonic acids A) Benzoic acid B) Anthranilic acid C) Salicylic acid D) Phthalic acid E) Ben Benzene Sulphonic acid
Sept 2022	Unit-III. A) Introduction to organometallic compounds. Unit-IV. theory of Qualitative Analysis
Oct. 2022	Unit-V. oils, Fats, Soaps & Detergents Unit VI. Non-aqueous solvents
Nov/ Dec.	University Exam

Extra teaching hours plan to cover the Syllabus within the prescribed period.

Sept. 22, Theory of Qualitative Analysis

Oct. 22, Non-aqueous Solvents

P. P. P. P.  
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Tq. Deoni Dist. Latur

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T. Deoni Dist. Latur

Teacher's Signature



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Teaching Plan

Sem. IV<sup>th</sup> Year 2022-2023

Teacher's Name Dr. V. S. More

Class & division B.Sc - S.Y. Subject Organic + Inorganic chemistry

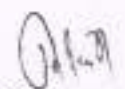
Month	Portion to be Covered
Jan- 2023	Unit-I. Stereochemistry Unit-II. Carbohydrates
Feb 2023	Unit-III. Nitrogen containing organic compounds. Unit-IV. Applications of Reagents in organic synthesis
March 2023	Unit-IV. Applications of Reagents in organic synthesis Unit-V. A) Chemistry of d-Block Elements
April 2023	A) Chemistry of d-Block Elements B) Chemistry of f-Block Elements C) Lanthanides & Actinides.
April/ May	University exam

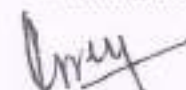
Extra teaching hours plan to cover the Syllabus within the prescribed period.

March-23, Chemistry of d-Block elements

April-23, Chemistry of f-Block elements

  
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Teacher's Signature



Kai.Rasika Mahavidyalaya, Deoni. Dist. Latur



Teaching Plan

Sem. V<sup>th</sup> Year 2022, 2023

Teacher's Name Dr. V. S. More

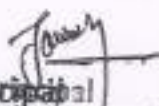
Class & division B.Sc - T.Y. Subject Organic + Inorganic Chemistry

Month	Portion to be Covered
July 2022	Unit-I - Heterocyclic compounds 1. Furan 2. Pyrrole 3. Thiophene
Aug. 2022	Unit-II. Six membered Heterocyclic Pyridine Unit-III - Coordination chemistry - I
Sept. 2022	Unit-III. Synthetic Drugs & Dyes a) Synthetic Drugs b) Synthetic Dyes Unit-VI. The chemistry of element in medicine
Oct. 2022	Unit-IV. Alkaloids, vitamins and Pesticides
Nov/ Dec	University Exam

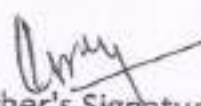
Extra teaching hours plan to cover the Syllabus within the prescribed period.

Aug. 22, Coordination chemistry - Part-I

Sept. 22, The chemistry of elements in medicine

  
Principal  
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Tq. Deoni Dist. Latur

  
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Kai. Rasika Mahavidyalaya, Deoni

  
Teacher's Signature



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Teaching Plan

Sem. V<sup>th</sup> Year 2022-2023

Teacher's Name Dr. V. S. More

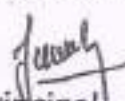
Class & division B.Sc. T.Y. Subject Org. + Inorganic chemistry

Month	Portion to be Covered
Jan. 2023	Unit-I. Spectroscopic method A) Ultraviolet Spectroscopy
Feb. 2023	B) Infra Red Spectroscopy Unit-II. NMR - Spectroscopy B) Application of IR, UV & NMR for identification of simple organic molecules.
March. 2023	Unit-III. Synthetic polymers Unit-IV. Co-ordination theory (Part-I)
April. 2023	Unit-V. Molecular Rearrangement Unit-VI. Electronic spectra of transition metal complexes.
May/ June	University Exam

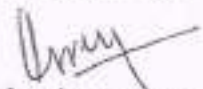
Extra teaching hours plan to cover the Syllabus within the prescribed period.

March-23, Co-ordination theory (Part-I)

April-23, Electronic spectra of transition metal complexes.

  
Principal  
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Tq. Deoni Dist. Latur

  
Teacher's Signature

2022-23



JSPB's

**Kai. Rasika Mahavidyalaya, Deoni**  
(Commerce, Science & Information Technology College)

**Syllabus Completion Report**  
Summer-2023.

Name of the Teacher: Mr. B. P. Ankush

Faculty/Department: Chemistry

Subject: Chemistry

Date: 28.02.2023

Sr. No	Class	Semester	Paper No.	Paper's Name
1.	B.Sc. FY	II	III	organic & Inorganic chem.
2.	B.Sc. SY	IV	IX	Physical & Inorganic chem.
3.	B.Sc. TY	VI	XV	physical & Inorganic chem.

I have completed Syllabus of the above stated subject.

  
Teacher Sign

  
HOD Sign  
Head

Dept. of Chemistry  
K.R.M Deoni, Tq Deoni Dist, Latur

  
Principal Sign  
Principal  
Kai. Rasika Mahavidyalaya, Deoni  
Tq. Deoni Dist. Latur





JSPB's

**KAL. RASIKA MAHAVIDYALAYA, DEONI, DIST. LATUR**

**TEACHING PLAN – 2022 – 2023**

**First Term**

Name of Teacher : Mr. B. P. Ankush  
Class : B.Sc. First Year (First Semester)  
Subject : CHEMISTRY Paper No: I  
Name of Paper : Organic and Inorganic Chemistry

Month	Portion to be covered
July	Unit-I: Nomenclature of Organic Compounds
August	Unit-II: Basic Concepts in Organic Chemistry Unit-III: Alkanes Alkenes and alkynes
September	Unit-III: Alkanes Alkenes and alkynes Unit-IV: 4. Cycloalkanes, Cycloalkenes and Dienes
October	Unit- V: 1 Periodic Table and Periodic Properties Unit- VI: Noble Gas Chemistry
November	University Examination

**Extra teaching hours plan to cover the syllabus within the prescribed period:**

- October: Remaining Portion of Unit- VI: Noble Gas Chemistry

  
Teacher's Signature

  
IQAC-COORDINATOR  
Kal.Rasika Mahavidyalaya, Deoni  
Tq.Deoni Dist.Latur

  
Principal  
Principal  
Kal. Rasika Mahavidyalaya, Deoni  
Tq. Deoni Dist. Latur



JSPB's

**KAL RASIKA MAHAVIDYALAYA, DEONI, DIST. LATUR**

**TEACHING PLAN – 2022 – 2023**

**First Term**

Name of Teacher : Mr. B. P. Ankush

Class : B.Sc. Second Year (Third Semester)

Subject : CHEMISTRY Paper No: VII

Name of Paper : Physical and Inorganic Chemistry

Month	Portion to be covered
July	Unit :- I: Atomic Structure and Wave Mechanics
August	Unit :- II: Thermodynamics Unit:- III: Concept-of-entropy
September	Unit:- IV: Phase equilibrium Unit:- V: [A] Nuclear Chemistry
October	Unit:- V: [A] Nuclear Chemistry [B] Theory of Gravimetric Analysis
November	University Examination

**Extra teaching hours plan to cover the syllabus within the prescribed period:**

- October: Remaining Portion of Theory of Gravimetric Analysis

  
Teacher's Signature

  
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Tq.Deoni Dist.Latur

  
Principal  
Principal  
Kal. Rasika Mahavidyalaya, Deoni  
Tq. Deoni Dist. Latur



JSPB's

**KAI. RASIKA MAHAVIDYALAYA, DEONI, DIST. LATUR**

**TEACHING PLAN – 2022 – 2023**

**First Term**

Name of Teacher : Mr. B. P. Ankush

Class : B.Sc. Third Year (Five Semester) - WINTER

Subject : CHEMISTRY Paper No: XIII

Name of Paper : Physical and Inorganic Chemistry

Month	Portion to be covered
July	Unit –I: Spectroscopy-I
August	Unit –II: Spectroscopy-II Unit- III: Chemical Kinetics
September	Unit –IV: Distribution Law Unit- V: Organometallic Compounds
October	Unit- V: Organometallic Compounds Unit -VI: Metal Carbonyls 06 Period
November	University Examination

**Extra teaching hours plan to cover the syllabus within the prescribed period:**

- October: Portion of Metal Carbonyls

  
Teacher's Signature

  
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Principal  
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Tq. Deoni Dist. Latur

2022-23



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**Kai. Rasika Mahavidyalaya, Deoni**

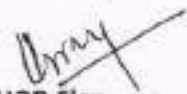
(Commerce, Science &amp; Information Technology College)

**Syllabus Completion Report****Winters - 2022**Name of the Teacher: Mr. B. P. AnkushFaculty/Department: chemistrySubject: chemistryDate: 09.11.2022

Sr. No	Class	Semester	Paper No.	Paper's Name
1.	B.Sc. FY	I	I	organic & Inorganic chem.
2.	B.Sc. SY	III	VII	Physical & Inorganic chem.
3.	B.Sc. TY	V	XIII	Physical & Inorganic chem.

I have completed Syllabus of the above stated subject.

  
Teacher Sign

  
HOD Sign  
**Head**  
Dept. of Chemistry  
K.R.M Deoni, Tq Deoni Dist, Latur

  
Principal Sign  
Principal  
Kai. Rasika Mahavidyalaya, Deoni  
Tq. Deoni Dist. Latur



JSPB's

**KAI. RASIKA MAHAVIDYALAYA, DEONI, DIST. LATUR**

**TEACHING PLAN – 2022 – 2023**

**Second Term**

**Name of Teacher : Mr. B. P. Ankush**

**Class : B.Sc. First Year (Second Semester)**

**Subject : CHEMISTRY Paper No: III**

**Name of Paper : Organic and Inorganic Chemistry**

Month	Portion to be covered
December	Unit-I : Aromatic Hydrocarbons and Aromaticity
January	Unit-II: 1. Phenols 2: Haloalkenes and Haloarenes
February	Unit-III : Carboxylic acid derivatives Unit- IV: Alcohols and epoxides
March	Unit IV : Study of P-block elements Unit-V : Acids and Bases
April	University Examination

**Extra teaching hours plan to cover the syllabus within the prescribed period:**

- March: Portion of Unit-V : Acids and Bases.

  
Teacher's Signature

  
IQAC-COORDINATOR  
Kai.Rasika Mahavidyalaya, Deoni  
Tq.Deoni Dist.Latur

  
Principal  
Kai. Rasika Mahavidyalaya, Deoni  
Tq. Deoni Dist. Latur



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**KAL. RASIKA MAHAVIDYALAYA, DEONI, DIST. LATUR**

**TEACHING PLAN – 2022 – 2023**

**Second Term**

Name of Teacher : Mr. B. P. Ankush  
Class : B.Sc. Second Year (Fourth Semester)  
Subject : CHEMISTRY Paper No: IX  
Name of Paper : Physical and Inorganic Chemistry

Month	Portion to be covered
December	Unit-I: Chemical-Kinetics
January	Unit-II: Electrochemistry Unit-III: Electrochemistry-II
February	Unit-IV: Photochemistry Unit-V: [A] Chemistry of Non-transition elements
March	Unit-V: [B] Chemistry of Halogen compounds
April	University Examination

**Extra teaching hours plan to cover the syllabus within the prescribed period:**

- March: Portion of Chemistry of Halogen compounds

  
Teacher's Signature

  
IQAC-COORDINATOR  
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Tq. Deoni Dist. Latur

  
Principal  
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Tq. Deoni Dist. Latur



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**KAL. RASIKA MAHAVIDYALAYA, DEONI, DIST. LATUR**

**TEACHING PLAN – 2022 – 2023**


**Second Term**


**Name of Teacher : Mr. B. P. Ankush**  
**Class : B.Sc. Third Year (Sixth Semester)**  
**Subject : CHEMISTRY Paper No: XV**  
**Name of Paper : Physical and Inorganic Chemistry**

Month	Portion to be covered
December	Unit –I Electrochemistry
January	Unit II : Thermodynamics-I Unit-III: Thermodynamics II
February	Unit-IV: Colligative Properties Unit -V: Bioinorganic Chemistry
March	Unit -VI: Metal cluster
April	University Examination

**Extra teaching hours plan to cover the syllabus within the prescribed period:**

- March: Portion of Metal cluster

  
Teacher's Signature

  
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Tq,Deoni Dist.Latur.

  
**Principal**  
Kal. Rasika Mahavidyalaya, Deoni  
Tq, Deoni Dist. Latur



JSPB's  
Kai. Rasika Mahavidyalaya, Deoni, Dist. Latur  
Teaching Plan  
Sem I & II Year 2022- 2023

Teacher's Name Mr. Tenkale Mahadev Nagnath  
Class & division B.Sc/B.Com F.Y

Subject: Compulsory English

Month	Period to be covered
July	I have three Visions for India, Learning from the west, A Living God
August	Search for a Stranger, my Mistress eyes are nothing like the sun, Bright Star, Would I were Steadfast as thou Art
September	Language Learning, Communication Skills Emails, job Applications
Oct/Nov	
Nov/Dec.	The Annihilation of Caste, On the Rule of the Road
January	An Astrologer's day The kid, This Dog,
February	A poison Tree Language Learning
March	Report Writing, Composing News Items

*Q. N. S.*

*Jawar*  
Principal  
Kai. Rasika Mahavidyalaya, Deoni  
Tq. Deoni Dist. Latur





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Teaching Plan  
Sem III & IV Year 2022- 2023

Teacher's Name Mr. Tenkale Mahadev Nagnath  
Class & division B.Sc/B.Com F.V

Subject: Compulsory English

Month	Period to be covered
July	The Model Millionaire, The Lost Child, The Gift Of India
August	Desiderata, At School, The Flying Sikh
September	Direct-indirect Narration, Writing for Print Media
Oct/Nov	
Nov/Dec.	The Remorseful Sinner, The Sniper
January	Love, Courage, to youth
February	The Quest for Happiness
March	Active Voice and Passive voice

*Mr. Tenkale Mahadev Nagnath*

*Jawad*  
Principal  
Kal. Rasika Mahavidyalaya, Deoni  
Tq. Deoni Dist. Latur



JSPB's

**KAL. RASIKA MAHAVIDYALAYA, DEONI, DIST. LATUR**

**TEACHING PLAN – 2021 – 2022**

**First Term**

Name of Teacher : Mr. B. P. Ankush  
Class : B.Sc. First Year (First Semester)  
Subject : CHEMISTRY Paper No: 1  
Name of Paper : Organic and Inorganic Chemistry

Month	Portion to be covered
September 2021	Unit-I: Nomenclature of Organic Compounds
October 2021	Unit-II: Basic Concepts in Organic Chemistry Unit-III: Alkanes Alkenes and alkynes
November 2021	Unit-III: Alkanes Alkenes and alkynes Unit-IV: 4. Cycloalkanes, Cycloalkenes and Dienes
December 2021	Unit- V: 1 Periodic Table and Periodic Properties
January 2022	Unit- VI: Noble Gas Chemistry
February 2022	University Examination

Extra teaching hours plan to cover the syllabus within the prescribed period:

- January: Unit- VI: Noble Gas Chemistry

Teacher's Signature

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Tq. Deoni Dist. Latur



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**KAL. RASIKA MAHAVIDYALAYA, DEONI, DIST. LATUR**

**TEACHING PLAN – 2021 – 2022**

**First Term**

Name of Teacher : Mr. B. P. Ankush  
Class : B.Sc. Second Year (Third Semester)  
Subject : CHEMISTRY Paper No: VII  
Name of Paper : Physical and Inorganic Chemistry

Month	Portion to be covered
September	Unit :- I: Atomic Structure and Wave Mechanics
October	Unit :- II: Thermodynamics Unit:- III: Concept-of-entropy
November	Unit:- IV: Phase equilibrium Unit:- V: [A] Nuclear Chemistry
December	Unit:- V: [A] Nuclear Chemistry [B] Theory of Gravimetric Analysis
January	University Examination

**Extra teaching hours plan to cover the syllabus within the prescribed period:**

- January: Portion of Theory of Gravimetric Analysis

  
Teacher's Signature

  
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Principal  
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JSPB's

**KAI. RASIKA MAHAVIDYALAYA, DEONI, DIST. LATUR**

**TEACHING PLAN – 2021 – 2022**

**First Term**

Name of Teacher : Mr. B. P. Ankush  
Class : B.Sc. Third Year (Five Semester)  
Subject : CHEMISTRY Paper No: XIII  
Name of Paper : Physical and Inorganic Chemistry

Month	Portion to be covered
September	Unit –I: Spectroscopy-I
October	Unit –II: Spectroscopy-II Unit- III: Chemical Kinetics
November	Unit –IV: Distribution Law Unit- V: Organometallic Compounds
December	Unit- V: Organometallic Compounds Unit -VI: Metal Carbonyls
January	University Examination

**Extra teaching hours plan to cover the syllabus within the prescribed period:**

- December: Portion of Metal Carbonyls

Teacher's Signature

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Principal  
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Tq. Deoni Dist. Latur

2021-22



JSPB's

**Kai. Rasika Mahavidyalaya, Deoni**  
(Commerce, Science & Information Technology College)

**Syllabus Completion Report**  
Winter-2021

Name of the Teacher: Mr. B.P. Ankush

Faculty/Department: CHEMISTRY

Subject: Chemistry

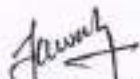
Date: 18.01.2021

Sr. No	Class	Semester	Paper No.	Paper's Name
1.	B.Sc. FY	I	I	organic chemistry
2.	B.Sc. SY	III	VII	physical chemistry
3.	B.Sc. TY	V	XIII	Inorganic chemistry

I have completed Syllabus of the above stated subject.

  
Teacher Sign

  
HOD Sign  
**Head**  
Dept. of Chemistry  
K.R.M Deoni, Tq Deoni Dist, Latur

  
Principal Sign  
**Principal**  
Kai. Rasika Mahavidyalaya, Deoni  
Tq. Deoni Dist. Latur



JSPB's

**KAL. RASIKA MAHAVIDYALAYA, DEONI, DIST. LATUR**

**TEACHING PLAN – 2021 – 2022**

**Second Term**

Name of Teacher : Mr. B. P. Ankush

Class : B.Sc. First Year (Second Semester)

Subject : CHEMISTRY Paper No: III

Name of Paper : Organic and Inorganic Chemistry

Month	Portion to be covered
February	Unit-I : Aromatic Hydrocarbons and Aromaticity
March	Unit-II: 1. Phenols 2: Haloalkenes and Haloarenes
April	Unit-III : Carboxylic acid derivatives Unit- IV: Alcohols and epoxides
May	Unit IV : Study of P-block elements Unit-V : Acids and Bases
June	University Examination

**Extra teaching hours plan to cover the syllabus within the prescribed period:**

- May: Portion of Unit-V- Acids and Bases.

  
Teacher's Signature

  
IQAC-COORDINATOR  
Kal. Rasika Mahavidyalaya, Deoni,  
Tq. Deoni, Dist. Latur

  
Principal  
Kal. Rasika Mahavidyalaya, Deoni,  
Tq. Deoni Dist. Latur

**TEACHING PLAN – 2021 – 2022****Second Term**

**Name of Teacher : Mr. B. P. Ankush**  
**Class : B.Sc. Third Year (Sixth Semester)**  
**Subject : CHEMISTRY Paper No: XV**  
**Name of Paper : Physical and Inorganic Chemistry**

Month	Portion to be covered
February	Unit -I Electrochemistry
March	Unit II : Thermodynamics-I Unit-III: Thermodynamics II
April	Unit-IV: Colligative Properties Unit -V: Bioinorganic Chemistry
May	Unit -VI: Metal cluster
June	University Examination

**Extra teaching hours plan to cover the syllabus within the prescribed period:**

- May: Portion of Metal cluster

Teacher's Signature

*B. P. Ankush*  
**IQAC-COORDINATOR**  
 Kal.Rasika Mahavidyalaya, Deoni  
 Tq.Deoni Dist.Latur

*Ankush*  
**Principal**  
 Kal. Rasika Mahavidyalaya, Deoni  
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2021-22



JSPB's

**Kai. Rasika Mahavidyalaya, Deoni**  
(Commerce, Science & Information Technology College)

**Syllabus Completion Report**  
Summer-2022

Name of the Teacher: Mr. B.P. Ankush

Faculty/Department: chemistry

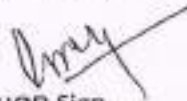
Subject: chemistry

Date: 15.01.2022

Sr. No	Class	Semester	Paper No.	Paper's Name
	B.Sc. FY	II	III	organic
2.	B.Sc. SY	IV	IX	Physical Chemistry
3.	B.Sc. TY	VI	XV	Inorganic chemistry

I have completed Syllabus of the above stated subject.

  
Teacher Sign

  
HOD Sign  
Head

Dept. of Chemistry  
K.R.M Deoni, Tq Deoni Dist, Latur

  
Principal Sign  
Principal  
Kai. Rasika Mahavidyalaya, Deoni  
Tq. Deoni Dist. Latur





Kai.Rasika Mahavidyalaya, Deoni. Dist. Latur



Teaching Plan

Sem. I Year 2021-2022

Teacher's Name Dr. V. S. More

Class & division B.Sc. F.Y. Subject Physical Chemistry

Month	Portion to be Covered
Oct. 2021	Unit - I - Mathematical concept and SI Units
Nov. 2021	Unit - II Surface chemistry
Dec. 2021	Unit - III Gaseous state
Jan- 2022	Unit - IV Solid state
Jan- Feb.	Semester end University Exam

Extra teaching hours plan to cover the Syllabus within the prescribed period.

Nov-21 - Mathematical concept of SI Units

Jan-22 - Solid state.

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Dist. Latur

Teacher's Signature



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Teaching Plan

Sem. II Year 2021-2022

Teacher's Name Dr. V. S. More

Class & division B.Sc. F.Y. Subject Physical Chemistry

Month	Portion to be Covered
Feb-2022	Unit-I - Atomic structure
March 2022	Unit-II - Liquid state
April-2022	Unit-III - colloidal state - catalysis
May-2022	Unit-IV - catalysis
May-June	Semester end University Exam

Extra teaching hours plan to cover the Syllabus within the prescribed period.

April-22, colloidal state

May-22 - catalysis

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Kai.Rasika Mahavidyalaya, Deoni

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Kai.Rasika Mahavidyalaya, Deoni

Teacher's Signature



Kai.Rasika Mahavidyalaya, Deoni. Dist. Latur

Teaching Plan

Sem. IV Year 2021... 2022..

Teacher's Name Dr. Kunal R. A.

Class & division B.Sc. T.Y. Subject Phy (Quantum Mechanics)

Month	Portion to be Covered
Sept	Unit - I Particle Properties of Matter
Oct	Unit - II Schrodinger eq <sup>n</sup>
Nov	Unit - III Application of Q. m.
Dec.	Unit IV Quantum Theory of hydrogen atom.

Extra teaching hours plan to cover the Syllabus within the prescribed period.

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Principal  
Kai.Rasika Mahavidyalaya  
Deoni Tq. Deoni Dist. Latur

  
Teacher's Signature



Kai.Rasika Mahavidyalaya, Deoni. Dist. Latur  
Teaching Plan

Sem. VII Year 2011.. 2012

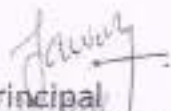
Teacher's Name Dr. Kunal R.A.

Class & division B.Sc. T.Y. Subject Eng. (Digital & Comm. electronics)


Month	Portion to be Covered
Feb	Unit - I Number system
March	Unit - II Logic gates
April	Unit - III Modulation & demodulation
May	Unit IV Communication Electronics

Extra teaching hours plan to cover the Syllabus within the prescribed period.

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Principal

Kai Rasika Mahavidyalaya  
Deoni Tal. Deoni Dist. Latur

  
Teacher's Signature



Kai.Rasika Mahavidyalaya, Deoni. Dist. Latur  
Teaching Plan

Sem. III Year 2011-2012

Teacher's Name Dr. Kunal R.A.

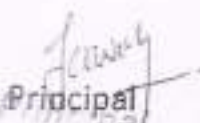
Class & division B.Sc. S.Y. Subject Phy (wave oscillations)

Month	Portion to be Covered
Sept	Unit - I waves
Oct	Unit - II stationary waves
Nov	Unit - III free & forced vibrations
Dec	Unit IV Acoustics & ultrasonics

Extra teaching hours plan to cover the Syllabus within the prescribed period.

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Principal  
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Deoni Tq. Deoni Dist. Latur

  
Teacher's Signature



Kai.Rasika Mahavidyalaya, Deoni. Dist. Latur

Teaching Plan

Sem. Sem. IV Year 2011-2012

Teacher's Name Dr. Kusale R.A.

Class & division B.Sc. S.Y. Subject phy (Optics - VIII)

Month	Portion to be Covered
Feb.	Unit - I Geometrical optics
March	Unit - II Interference & Diffraction
April	Unit - III Polarization
May	Unit IV Lasers

Extra teaching hours plan to cover the Syllabus within the prescribed period.

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Hawary  
Principal

Principal

Kai.Rasika Mahavidyalaya  
Deoni Ta. Deoni Dist. Latur

R. Kusale  
Teacher's Signature

**Kai. Rasika Mahavidyalaya, Deoni. Dist. Latur**

Department of Mathematics

Teaching Plan

Sem: I Year 2021 -22

Teacher's Name: **Dr. Yogesh Manohar Muley**

Class: B.Sc. F.Y.

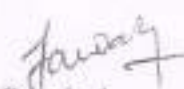
Subject: **Differential Calculus**

Months	Portion to be Covered
Sept	Unit - I Differentiation
Nov	Unit - II Expansion of functions, Tangents and Normals
Nov/Dec	Unit - III Mean Value Theorems
Dec	Unit - IV Partial Differentials

Extra teaching hours plan to cover the syllabus within the prescribed period

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Signature

  
Principal  
**Principal**  
**Kai.Rasika Mahavidyalaya,**  
**DEONI Dist.Latur**

# Kai. Rasika Mahavidyalaya, Deoni. Dist. Latur

## Department of Mathematics

### Teaching Plan

Sem: III Year 2021 -22

Teacher's Name: **Dr. Yogesh Manohar Muley**

Class: B.Se. S.Y.

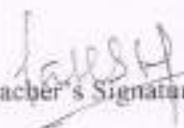
Subject: **Ordinary Differential Equations (VIII)**

Months	Portion to be Covered
Feb	Unit - I Formation of a Differential Equations
March	Unit - II Rules for finding Integrating factors
April	Unit - III Linear equations with constant coefficients
May	Unit - IV Short method of finding the particular integrals in certain case, Linear Equations with variable coefficients

Extra teaching hours plan to cover the syllabus within the prescribed period

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Teacher's Signature

  
Principal  
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## Department of Mathematics

### Teaching Plan

Sem: V Year 2021 -22

Teacher's Name: **Dr. Yogesh Manohar Muley**

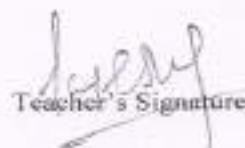
Class: B.Sc. T.Y.

Subject: Metric Spaces (XII)

Months	Portion to be Covered
Feb	Unit - I Metric Space
March	Unit - II Convergence and Completeness
April	Unit - III Compactness
May	Unit - IV Connectedness

Extra teaching hours plan to cover the syllabus within the prescribed period

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Teacher's Signature

  
Principal  
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Kai.Rasika Mahavidyalaya,  
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# Kai. Rasika Mahavidyalaya, Deoni. Dist. Latur

## Department of Mathematics

### Teaching Plan

Sem: V Year 2021 -22

Teacher's Name: **Dr. Yogesh Manohar Muley**

Class: B.Sc. T.Y.

Subject: Numerical Analysis (XIV (C) )

Months	Portion to be Covered
Feb	Unit - I Finite Differences and Interpolation
March	Unit - II Interpolation with unequal intervals
April	Unit - III Central Differences and Numerical Differentiation
May	Unit - IV Applications

Extra teaching hours plan to cover the syllabus within the prescribed period

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Teacher's Signature

  
Principal  
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Kai.Rasika Mahavidyalaya,  
DEONI Dist.Latur

# Kai. Rasika Mahavidyalaya, Deoni. Dist. Latur

## Department of Mathematics

### Teaching Plan

Sem: II      Year 2021 -22

Teacher's Name: **Dr. Yogesh Manohar Muley**

Class: B.Sc. F.Y.


Subject: **Integral Calculus (II)**


Months	Portion to be Covered
Feb	Unit – I Integration of Algebraic Rational Functions
March	Unit – II Integration of Irrational Algebraic Functions
April	Unit – III Integration of Transcendental Functions
May	Unit – IV Beta, Gamma Functions and Multiple Integrals

Extra teaching hours plan to cover the syllabus within the prescribed period

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Teacher's Signature

  
Principal  
Kai.Rasika Mahavidyalaya,  
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## Department of Mathematics

### Teaching Plan

Sem: IV      Year 2021 -22

Teacher's Name: **Dr. Yogesh Manohar Muley**


Class: B.Sc. S.Y.

Subject: **Partial Differential Equations (XI)**

Months	Portion to be Covered
Aug	Unit – I Partial Differential Equations
Sept	Unit – II Partial Differential Equations non-linear in p and q
Nov	Unit – III Non-homogeneous linear equations
Dec	Unit – IV Application on heat flow, Laplace equations, Transmission line equations

Extra teaching hours plan to cover the syllabus within the prescribed period

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-----

  
Signature

  
Principal  
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Kai. Rasika Mahavidyalaya,  
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## Department of Mathematics

### Teaching Plan

Sem: VI Year 2021 -22

Teacher's Name: **Dr. Yogesh Manohar Muley**

Class: B.Sc. T.Y.

Subject: Complex Analysis (XV)


Months	Portion to be Covered
Aug	Unit – I Complex Numbers and Analytic Functions
Sept	Unit – II Elementary functions
Nov	Unit – III Integrals
Dec	Unit – IV Integrals and Series

Extra teaching hours plan to cover the syllabus within the prescribed period

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Signature

  
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## Department of Mathematics

Teaching Plan

Sem: VI Year 2021 -22

Teacher's Name: **Dr. Yogesh Manohar Muley**

Class: B.Sc. T.Y.

Subject: Integral Transforms (XVI)

Months	Portion to be Covered
Aug	Unit - I Laplace Transforms
Sept	Unit - II Inverse Laplace Transforms
Nov	Unit - III Solutions of Differential Equations and Integral Transforms
Dec	Unit - IV Fourier Transforms

Extra teaching hours plan to cover the syllabus within the prescribed period

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**Janseva Sevabhavi Prathisthan Bhopni's  
Kai. Rasika Mahavidyalaya Deoni,**


Annual Teaching Plan - Academic Year 2021-22

Class: B. Sc. F.Y SEM: (I and II) Subject: Physics

Paper: Mechanics and Properties of Matter (I), Heat and Thermodynamics(III)

Month	Topic and Sub-topic
September	<b>Unit-I Mechanics</b> Laws of Mechanics (Newton's Laws of Motion), Newton's Law of Gravitation
October	Keplar's Law of Planetary Motion, Gravitational Field, Gravitational Intensity, Gravitational Potential, Gravitational Potential energy, Conservation Law, Work, Power, Kinetic Energy ( Work Energy Theorem), Conservation of energy for a particle energy function, Motion of a body near the surface of earth, Types of conservative and non- conservative forces <b>Unit-II Surface Tension</b> Molecular Forces, Surface Tension & its explanation, Pressure difference across a curved surface, Expression for Excess Pressure inside a Spherical Drop and spherical Soap Bubble, Surface Tension by Jaeger's Method, Surface Tension by Ferguson Method.
November	<b>Unit- III Viscosity</b> Introduction, Coefficient of Viscosity, Streamline flow, critical velocity, Reynolds Number & its significance, Bemoullies Theorem, Poiseuille's equation for the flow of liquid through a tube, Experimental determination of coefficient viscosity by Poiseuille's Method.
December	<b>Unit- IV Elasticity</b> Introduction, Hooke's Law, Elastic Constants ( $Y$ , $K$ & $\eta$ ), Poisson's Ratio, Twisting couple on a cylinder or a (wire), Torsional pendulum ,Bending of Beam, Bending Moment, Cantilever (Weight of the beam is ineffective, Weight of the beam is effective), Depression of a Beam supported at the ends and loaded at the Centre, Determination of $Y$ by bending of beam.
January	<b>University Exam</b>
February	<b>Unit-I Thermometry</b> Types of Thermometers, Centigrade and Fahrenheit scale, relation between Celsius, Kelvin, Fahrenheit & Rankine scales, Platinum resistance thermometer, Seebeck effect..
March	<b>Unit- II Real Gases and their behaviour</b> Behavior of gases at high pressure, Boyle temperature, Andrew's Experiment on CO <sub>2</sub> , Amagat's Experiment, Vander wall's Equation of State, Critical Constants, Corresponding states, Coefficients of Vander wall's Equation, Reduced Equation of State, Joule Thomson Porous Plug Experiment, Temperature of Inversion, Relation between Boyle temperature and Temperature of Inversion
April	<b>Unit-III Transport phenomenon in gases</b> Molecular Collisions, Mean free path, Expression for mean free path, Transport Phenomena, Viscosity of Gases, Thermal Conductivity of Gases, Diffusion, Inter relation between three transport coefficients..
May	<b>Unit-IV Thermodynamic and Thermodynamic Relations</b> First Law of Thermodynamics, Relation connecting P, V and T in an Adiabatic Process, Second Law of Thermodynamics (Kelvin and Clausius statements), Carnot's cycle, Carnot's heat Engine, Carnot's Theorem, Entropy, Entropy of Irreversible processes entropy of reversible process, Third Law of Thermodynamics. Internal energy, Helmholtz' function, Enthalpy, Gibb's function, Maxwell's Thermodynamical Relations, T- dS equations, Clausius-Clapeyron latent heat equations.
June	<b>University Exam</b>
July	<b>Summer Vacation</b>

  
Head of Department

  
Principal  
Kai. Rasika Mahavidyalaya, Deoni  
Tq. Deoni Dist. Latur



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## Teaching Plan

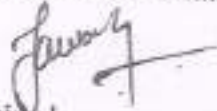
Sem.....II..... Year 2021.. 2022

Teacher's Name .....Dr. Dergale S.S......

Class & division.....B.com-F.Y...... Subject.....Mathematics.....

Month	Portion to be Covered
Feb 2022	Unit-I Arithmetical operations, Ratios, variations and proportions
March 2022	Unit-II matrices - Addition, subtraction and multiplications of matrices. Unit-III permutation and combination
April 2022	Unit-IV Probability Unit-V Index Number
May 2022	Intersem test.
June 2022	Semester end university exam

Extra teaching hours plan to cover the Syllabus within the prescribed period.

  
Principal

  
Teacher's Signature

Principal  
Kai.Rasika Mahavidyalaya,  
Deoni, Dist.Latur

  
IQAC COORDINATOR  
Kai.Rasika Mahavidyalaya, Deoni  
Tq.Deoni Dist.Latur





# Kai.Rasika Mahavidyalaya, Deoni. Dist. Latur

## Teaching Plan

Sem. IV Year 2021.. 2022.

Teacher's Name Dr. Dengale S.S.

Class & division B.com. 5<sup>th</sup> Subject Business management

Month	Portion to be Covered
Feb 2022	chapter - I management theories and theories
March 2022	chapter - II Training & development chapter III Performance appraisal
April 2022	chapter IV International Business management chapter V Recent development in management
May 2022	Internal test
June 2022	University exam.

Extra teaching hours plan to cover the Syllabus within the prescribed period.

Principal

Teacher's Signature

Principal

Kai.Rasika Mahavidyalaya,  
Deoni, Dist. Latur

Kai.Rasika Mahavidyalaya, Deoni  
Dist. Latur



# Kai.Rasika Mahavidyalaya, Deoni. Dist.Latur

## Teaching Plan


Sem.....IV..... Year 2021.. 2022

Teacher's Name .....Dr. Deogale S.S......

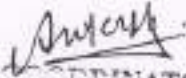
Class & division.....B.com. 5.Y...... Subject .....Corporate Law.....

Month	Portion to be Covered
Feb 2022	Unit - I Introduction
March 2022	Unit - II Incorporation of the company.
April 2022	Unit III - Financial Structure
May 2022	Unit - IV - membership in a company
June 2022	Unit - IV --- continued
July 2022	Unit - V Corporate Governance
Aug 2022	Internal test
Sept 2022	Semester end
Oct 2022	University exam

Extra teaching hours plan to cover the Syllabus within the prescribed period.

  
Principal

Principal  
Kai.Rasika Mahavidyalaya,  
DEONI Dist.Latur

  
IQAC COORDINATOR  
Kai.Rasika Mahavidyalaya, Deoni  
Tq.Deoni Dist.Latur

  
Teacher's Signature



Kai.Rasika Mahavidyalaya, Deoni. Dist. Latur

Teaching Plan

Sem. .... VI ..... Year 2021.. 2022.

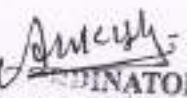
Teacher's Name Dr. Durgak S.S.

Class & division B.com. T.Y. Subject Management Accounting

Month	Portion to be Covered
	Unit - I Financial statement Analysis Unit - II Ratio Analysis
	Unit - II --- continued Unit III Working capital management
	Unit - IV Capital Budgeting Unit - V Responsibility Accounting
	Internal test

Extra teaching hours plan to cover the Syllabus within the prescribed period.

  
Principal  
Kai.Rasika Mahavidyalaya,  
Deoni, Dist. Latur

  
IQAC COORDINATOR  
Kai.Rasika Mahavidyalaya, Deoni  
Tq. Deoni Dist. Latur

  
Teacher's Signature



# Kai.Rasika Mahavidyalaya, Deoni. Dist.Latur

## Teaching Plan

Sem. VI Year 2021.. 2022

Teacher's Name Dr. Dangele S.S. marketing

Class & division B.com T.Y. Subject Marketing Management

Month	Portion to be Covered
	Unit - I <u>marketing</u>
	Unit - II <u>marketing planning</u>
	Unit - III <u>product and price decision</u>
	Unit - IV <u>physical distribution and promotion</u>
	Unit - V <u>marketing information system</u>
	<u>Internal test.</u>

Extra teaching hours plan to cover the Syllabus within the prescribed period.

[Signature]  
Principal

[Signature]  
Teacher's Signature

[Signature]  
IQAC COORDINATOR  
Kai.Rasika Mahavidyalaya, Deoni  
Tq. Deoni Dist. Latur



Kai. Rasika Mahavidyalaya, Deoni. Dist. Latur



Teaching Plan

Sem. IV<sup>th</sup> Year 2021-2022


Teacher's Name Dr. V. S. More

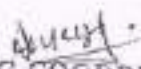
Class & division B.Sc. S.Y. Subject Inorganic Chemistry

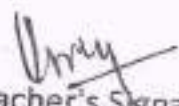
Month	Portion to be Covered
Feb. 2022	A) Chemistry of d-block elements 1. Lanthanides 2 Actinides
March 2022	B) Chemistry of d-block elements - Lanthanides
April 2022	B) Chemistry of d-block elements - Actinides
May 2022	- Actinides
May June	University Exam

Extra teaching hours plan to cover the Syllabus within the prescribed period.

Feb. 22, A) Chemistry of d-block elements.

  
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Teacher's Signature



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Teaching Plan

Sem. V<sup>th</sup> Year 2021. 2022

Teacher's Name D.V. S. More

Class & division B.Sc. T.Y. Subject Organic Chemistry

Month	Portion to be Covered
Oct. 2021	Unit-I - Heterocyclic Compounds - Furan, Pyrrole, Thiophene
Nov. 2021	- Unit-II - Six Membered Heterocyclic Pyridine
Dec. 2021	Unit-III - Synthetic Drugs and Dyes - Synthetic Drugs - Synthetic Dyes
Jan. 2022	Unit-IV - Alkaloids, vitamins and pesticides
Jan/ Feb.	University Exam

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Jan-22, Al Vitamines and Pesticides

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Teaching Plan

Sem. VI<sup>th</sup> Year 2021, 2022

Teacher's Name DV. V. S. More

Class & division B.Sc. T.Y. Subject Inorganic Chemistry

Month	Portion to be Covered
Feb. 2022	Unit-I - Spectroscopic Methods A) Ultraviolet Spectroscopy
March 2022	B) Infrared Spectroscopy - NMR - Spectroscopy - Application of IR, UV & NMR for identification of simple organic molecule.
April 2022	- Synthetic Polymer - Molecular Rearrangement
May 2022	- Molecular Rearrangement
May June	University Exam

Extra teaching hours plan to cover the Syllabus within the prescribed period.

March - 02, NMR - Spectroscopy

May - 02 - Molecular Rearrangement

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## Teaching Plan

Sem.....I..... Year 2021-2022

Teacher's Name Dr. Dergale S.S.

Class & division B.com - P.Y. Subject statistics.

Month	Portion to be Covered
Oct 2021	Unit - I Introduction to statistics Unit - II measures of central tendency
Nov 2021	Unit - II ... continued Unit III measures of Dispersion
Dec 2021	Unit - III ... continued Unit - IV Correlation Analysis.
Jan 2022	Unit - V Regression Analysis. Proportional test.
Feb	University exam

Extra teaching hours plan to cover the Syllabus within the prescribed period.

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Jawary  
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Dergale  
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Teaching Plan

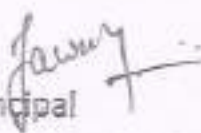
Sem.....III..... Year 2021.. 2022

Teacher's Name .....Dr. Dengale S.S......

Class & division.....B.Com - S.Y...... Subject .....Merchandise Law

Month	Portion to be Covered
Oct 2021	Unit - I Indian contract Act 1872 Unit - II Negotiable Instrument Act, 1881
Nov 2021	Unit - IV sale of Goods Act, 1930 Unit - IV Indian Partnership Act 1932
Dec 2021	Unit IV ---- continued Unit - V consumer protection Act 1986
Jan 2021	Internal test semester end.
Feb 2021	University exam

I hereby teaching hours plan to cover the Syllabus within the prescribed period.

  
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Teaching Plan

Sem. III<sup>rd</sup> Year 2021-2022

Teacher's Name Dr. V. S. More


Class & division B.Sc. S.Y. Subject Inorganic Chemistry

Month	Portion to be Covered
Oct-2021	- Theory of Qualitative Analysis
Nov-2021	Non-aqueous Solvents
Dec-2021	- Nuclear Chemistry - Theory of Gravimetric Analysis
Jan-2022	- Theory of Gravimetric Analysis
Jan-Feb	University Exam

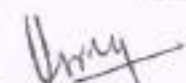
Extra teaching hours plan to cover the Syllabus within the prescribed period.

Nov-21, Non-aqueous Solvents

Jan-22 Theory of Gravimetric Analysis

  
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Sem.....IV..... Year 2021... 2022

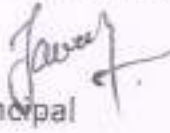
Teacher's Name .....Dr. Jeyale S.S......

Class & division...B.com - S.I... Subject Principles of Business Management

Month	Portion to be Covered
Oct 2021	chapter - I Introduction of management chapter - II managerial planning and decision making.
Nov 2021	chapter - III staffing and organizing. chapter - IV New trends in management
Dec 2021	chapter - V managerial skill Porteronaal test.
Jan/ Feb	university exam

Extra teaching hours plan to cover the Syllabus within the prescribed period.

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Teaching Plan

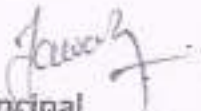
Sem.....V..... Year 2021.. 2022.

Teacher's Name .....Dr. D. S. S......

Class & division.....B. Com. T. I...... Subject Management Accounting

Month	Portion to be Covered
Oct 2021	Unit I - Introduction to management Accounting Unit - II Fixed flow statement.
Nov 2021	Unit - III cash flow statement Unit - IV marginal costing and Break-even analysis
Dec 2021	Unit - IV --- continued Unit - V Budget and Budgetary control
Jan Feb	University exam.

Extra teaching hours plan to cover the Syllabus within the prescribed period.

  
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## Teaching Plan

Sem.....II..... Year 2021.. 2022..

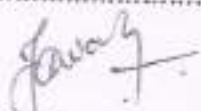
Teacher's Name .....Dr. Dimple S.S......

Class & division.....B.com - P.Y...... Subject ..Human Resource management

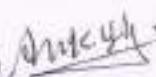
Month	Portion to be Covered
Oct 2021	chapter - I An Introduction to HRM chapter - II Human Resource planning
NOV 2021	chapter - III Human Resource recruitment and selection chapter - IV Wages and salary administration
DEC 2021	chapter - IV - .... continued chapter - V Performance Appraisal
Jan 2022	Internal test / Project exam semester end
Feb 2022	University exam

Extra teaching hours plan to cover the Syllabus within the prescribed period.

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**KAL RASIKA MAHAVIDYALAYA, DEONI, DIST. LATUR**  
**Teaching Plan – 20 21 - 20 22**

Name of Teacher : Dr. Sudarshan Sambhajirao Pedge  
Class : B. Sc First Year Semester: I<sup>st</sup>  
Subject : Zoology Paper No: I  
Name of Paper : CCZI- Biodiversity of Invertebrates

Month	Portion to be covered
JULY	<b>Unit -I</b> 1. <b>Introduction of Non-chordates</b> 2. <b>Protozoa:</b> General characters and classification up to class level with suitable examples; Locomotory Organelles and locomotion in Protozoa. Brief account of each of Structure, Life Cycle, Pathogenicity and Control Measures of <i>Plasmodium vivax</i> . 3. <b>Porifera:</b> -General characters and classification up to class level with suitable examples; Canal System in <i>Sycon</i> ; Economic importance of Porifera.
AUGUST	<b>Unit- II</b> 1. <b>Coelenterata:</b> General characters and classification up to class level with suitable examples; Polymorphism in Hydrozoa 2. <b>Platyhelminthes:</b> General characters and classification up to class level with suitable examples; Brief account of each of Structure, Life Cycle, Pathogenicity and Control Measures of <i>Taenia solium</i> . 3. <b>Nemathelminthes:</b> General characters and classification up to class level with suitable examples; Brief account of each of Structure, Life Cycle, Pathogenicity and Control Measures of <i>Ascaris lumbricoides</i>
SEPTEMBER	<b>UNIT – III</b> 1. <b>Annelida:</b> General characters and classification up to class level with suitable examples; Metamerism in Annelida; vermiculture and vermicomposting. 2. <b>Arthropoda:</b> General characters and classification up to class level with suitable examples; Metamorphosis in Insects. <b>Cockroach-</b> External Morphology, Digestive system, Respiratory system, Nervous system. Economic importance of insects
OCTOBER	<b>UNIT – IV II</b> 1. <b>Mollusca:</b> General characters and classification up to class level with suitable examples; Economic importance of mollusca. 2. <b>Echinodermata:</b> General characters and classification up to class level with suitable examples; Star Fish- External Morphology, Larval forms in Echinoderms. 3. <b>Hemichordata:</b> General Characters and Affinities.

Extra teaching hours plan to cover the syllabus within the prescribed period.

  
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TEACHING PLAN – 20 21 - 20 22

Name of Teacher : Dr. Sudarshan Sambhajirao Pedge

Class : B. Sc First Year

Semester: II

Subject : Zoology

Paper No: IV

Name of Paper : CCZ-II- Developmental Biology

Month	Portion to be covered
DECEMBER	UNIT – I 1. Introduction of Developmental Biology 2. Early Embryonic Development: Gametogenesis: Spermatogenesis and oogenesis in mammals; vitellogenesis in birds; 3. Types of eggs: a) On the basis of amount of yolk b) On the basis of distribution of yolk
JANUARY	UNIT – II II 1. Gametes of Frog: a) Structure of sperm; b) Structure of ovum; 2. Frog Embryology: a) Fertilization; b) Cleavage; c) Blastulation; d) Gastrulation; e) Formation of three germinal layers; 3. Regeneration in chordates.
FEBRUARY	UNIT – III II 1. Chick Embryology: (Extra-embryonic membranes) - Structure and functions of- Amnion; Chorion; Yolk sac; Allantois 2. Placentation in mammals: Classification on the basis of- Origin; Histology; Distribution of villi. Functions of Placenta.
MARCH	UNIT – IV 1. Stem Cell: a) Sources; b) Types – Embryonic, Haemopoietic, Adult, Nervous; c) Role of stem cells in human health. 2. Infertility in Humans-Causes, diagnosis and treatment. 3. Assisted Reproduction Technologies- a) In-Vitro Fertilization (IVF) b) Gamete Intra-Fallopian Transfer (GIFT); c) Intra cytoplasmic Sperm injection (ICSI); d) Zygote, Intrafallopian transfer (ZIFT); e) Intrauterine Insemination (IUI). 4. Parthenogenesis: a) Natural; b) Artificial.

Extra teaching hours plan to cover the syllabus within the prescribed period.

  
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Teaching Plan – 2021 - 2022

Name of Teacher : Dr. Sudarshan Sambhajirao Pedge

Class : B. Sc Second Year

Semester: III

Subject : Zoology

Paper No: VII

Name of Paper : CCZ-III- Biochemistry

Month	Portion to be covered
JULY	<b>UNIT – I</b> <b>1. Biomolecules:</b> Classification, Structure and Properties of Carbohydrates. Classification, Structure and Properties of Proteins. Classification, Structure and Properties of Lipids.
AUGUST	<b>UNIT – II</b> Electrochemical properties of Water, pH and Colligative properties <b>Enzymes:</b> Nomenclature and Classification Mechanism of Enzyme Action- E-S Complex Formation, Lock and Key Model, Induced Fit Theory. Factors affecting Enzyme Activity- Temperature, pH, Concentration of Enzyme, Concentration of Substrate.
SEPTEMBER	<b>UNIT – III</b> <b>Carbohydrate Metabolism:</b> Glycolysis (EMP Pathway) Glycogenesis, Glycogenolysis and Glyconeogenesis Citric Acid Cycle (Krebs Cycle) Pentose Phosphate Pathway (HMP shunt).
OCTOBER	<b>UNIT – IV</b> <b>1. Lipid metabolism :</b> The $\alpha$ -Oxidation (Beta Oxidation) Pathway Ketosis, Ketogenesis and Ketolysis. <b>2. Protein metabolism:</b> Transamination, deamination and decarboxylation reactions of amino acids. Disposal of nitrogenous waste. Krebs-Henseleit Urea Cycle (Ornithine cycle).

Extra teaching hours plan to cover the syllabus within the prescribed period.

  
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**KAL. RASIKA MAHAVIDYALAYA, DEONI, DIST. LATUR**  
**Teaching Plan – 2021 - 2022**

**Name of Teacher** : Dr. Sudarshan Sambhajirao Pedge  
**Class** : B. Sc Second Year **Semester: IV**  
**Subject** : Zoology **Paper No: IX**  
**Name of Paper** : CCZ-IV- Evolutionary Biology and Genetic Engineering

Month	Portion to be covered
December	<b>UNIT – I</b> <b>1. Introduction to theories of Evolution:</b> Lamarckism, Darwinism, Neo-Darwinism, Hugo De Vries theory. <b>2. Evidences of organic Evolution:</b> i) <b>Morphological and Anatomical evidences:</b> Homologous, analogous and vestigial structures and their evolution. ii) <b>Physiological and Biochemical evidences:</b> examples. iii) <b>Embryological Evidences:</b> examples, Biogenetic Law. iv) <b>Palaeontological Evidences:</b> Distribution of fossils in rocks, dating of rocks and fossils, conclusion drawn from fossil records (brief account). v) <b>Taxonomical evidences:</b> evolution based principles of classification, phylogenetic tree. <b>3. Processes of Evolutionary Change:</b> Organic variations; Isolating Mechanisms; Natural selection (Example: Industrial melanism); Types of natural selection (Directional, Stabilizing, Disruptive), Artificial selection.
January	<b>UNIT – II</b> <b>1. Species Concept:</b> Biological species concept (Advantages and Limitations); Modes of speciation (Allopatric, Sympatric). <b>2. Extinction:</b> Mass extinctions in history of earth, Mass extinction- Causes, Role of extinction in evolution. <b>3. Adaptive radiation-</b> Causes and significance, Adaptive radiation in Darwin's finches. <b>4. Hardy-Weinberg Principle-</b> Hardy-Weinberg Equilibrium, Factors that upset Hardy-Weinberg Equilibrium
February	<b>UNIT – III</b> <b>Nature and functions of genetic materials.</b> i) DNA – Structure, types and functions. ii) RNA – Structure, types and functions. iii) Genetic code <b>2. Introduction to Genetic Engineering. 3. Recombinant DNA Technology</b> i) Tools: - A) Enzymes: - a) Lysing b) Ligases c) Nucleases (Exonucleases, Endonucleases, Restriction Endonucleases) d) Synthetases (DNA polymerase, Reverse transcriptase). B) Vectors: - Cloning vectors (Plasmid -psBR322, Bacteriophage-Lambda phage, Virus-SV40, Cosmid vectors).
March	<b>UNIT – IV</b> <b>1. Techniques:</b> i) Gel-Electrophoresis ii) PCR (Polymerase Chain Reaction) iii) Southern, Northern and Western Blotting. <b>2. Construction of rDNA</b> <b>3. c-DNA libraries and Genomic libraries</b> <b>4. Transgenesis and Transgenic animals</b> (Transgenic cattle, sheep, pig and fish) <b>5. Cloning and cloned animals</b> (Dolly sheep). <b>6. DNA fingerprinting.</b>

Extra teaching hours plan to cover the syllabus within the prescribed period.

  
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Teaching Plan – 2021 - 2022

Name of Teacher : Dr. Sudarshan Sambhajirao Pedge  
Class : B. Sc Third Year Semester: V  
Subject : Zoology Paper No: XII  
Name of Paper : DSEZ-I- Ecology & Zoo-geography

Month	Portion to be covered
JULY	<b>UNIT – I</b> 1. <b>Ecology</b> -Introduction and Scope of Ecology 2. <b>Introduction to Ecosystem.</b> 2.1. Components of an ecosystem a) Abiotic components – Light, Temperature & Water b) Biotic components – Producers, Consumers & Decomposers. 2.2. Types of Ecosystem- <b>Aquatic</b> - Pond ecosystem. <b>Terrestrial</b> - Desert Ecosystem. 2.3. Food Chain, Food Web, Ecological Pyramids. 2.4. Energy Flow in an Ecosystem. 3. <b>Bio-geochemical Cycles.</b> 3.1. <b>Gaseous Cycle</b> - Oxygen Cycle. 3.2. <b>Sedimentary Cycle</b> - Sulphur Cycle. 4. <b>Spheres of Earth.</b> 4.1. Atmosphere 4.2. Lithosphere 4.3. Hydrosphere 4.4. Biosphere. 4.5. Ecological Succession-, Trends, Basic Types, Hydrarch and Xerarch
AUGUST	<b>UNIT – II</b> 1. <b>Population Ecology</b> – Characteristics of Population. 1.1 Natality, 1.2 Mortality, 1.3 Population Dispersal, 1.4 Population density. 1.5 Age distribution, 1.6 Population Growth Form, 1.7 Population Equilibrium and Fluctuation. 2. <b>Biotic interactions.</b> 2.1 Positive interactions – Commensalism, Mutualism. 2.2 Negative interactions – Competition, Predation, Parasitism.
SEPTEMBER	<b>UNIT – III</b> 1. <b>Pollution – Sources, Effects and Control</b> 1.1 Air Pollution 1.2 Water Pollution 1.3 Noise Pollution 2. <b>Energy Resources.</b> 2.1 Conventional energy resources and their limitations. 2.1.1 Fossil Fuels. 2.1.2 Nuclear Power. 2.1.3 Hydel Power. 2.2 Non-conventional energy resources – Advantages, Limitations & Latest developments. 2.2.1 Solar Energy. 2.2.2 Wind Energy. 2.2.3 Tidal Energy
OCTOBER	<b>UNIT – IV</b> 1. <b>Adaptations.</b> 1.1 Aquatic Adaptations 1.2 Desert Adaptations 1.3 Volant Adaptations. 2. <b>Wildlife Conservation and Endangered Species</b> 2.1 Aims & necessity of wildlife conservation. 2.2 Wild life and Endangered species of India. 2.3 Measures to protect endangered species in India 2.4 Sanctuaries and National parks in India. 3. <b>Zoogeographical Realms</b> – Physical features and fauna of following Realms in Brief. 3.1 Oriental Realm 3.2 Australian Realm

Extra teaching hours plan to cover the syllabus within the prescribed period.

  
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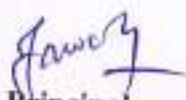
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**KAL. RASIKA MAHAVIDYALAYA, DEONI, DIST. LATUR**  
**Teaching Plan – 20 21 - 20 22**

Name of Teacher : Dr. Sudarshan Sambhajirao Pedge  
Class : B. Sc Third Year Semester: VI  
Subject : Zoology Paper No: XIV  
Name of Paper : DSEZ-II- Ethology, Biometry and Bioinformatics

Month	Portion to be covered
Dec	<b>UNIT – I Ethology</b> <b>1. Classification of Animal Behavior-</b> 1.1. Inborn or stereotyped animal behavior – Taxis and Instincts with examples. 1.2. Acquired animal behavior – Imprinting, Conditioning, Habituation, Reasoning. 1.3 Social Behaviour in Insects –Honeybee.
Jan	<b>UNIT – II Ethology 12</b> <b>1. Communication in animals</b> 1.1 Auditory Communication 1.2 Chemical Communication 1.3 Visual Communication 1.4 Tactile Communication <b>2. Mimicry and Colouration</b> 2.1 Types of Mimicry- Protective and Aggressive 2.2 Types of Colouration- Protective, Aggressive and Warning
Feb	<b>UNIT – III Biometry 12</b> <b>1. Collection and Classification of Data</b> 1.1 Methods of collection of data 1.2 Types of classification of data - Geographical, Chronological, Quantitative, Qualitative, Continuous, Discontinuous. <b>2. Measures of Central Tendency</b> Arithmetic Mean, Median and Mode <b>3. Graphic Representation of Data</b> 3.1. Histogram 3.2 Pie Diagram 3.3 Polygon Frequency Curve
MAR	<b>UNIT – IV Bioinformatics 12</b> 1.1 Computer and their Applications in Biology 1.2 Internet and its Uses 1.3 World Wide Web 1.4 Search Engines 1.5 Broad Applications of Bioinformatics 1.6 Introduction to Biological Database- a) NCBI, b) Pub Med

Extra teaching hours plan to cover the syllabus within the prescribed period.

  
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Tq. Deoni Dist. Latur

**Kai. Rasika Mahavidyalaya, Deoni**  
**Yearly Teaching Plan (2021-2022)**

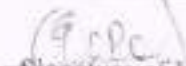
Name of the teacher: Bhusawale A.N.

Subject:- Salesmanship

Class: B.Com. First year

Month	Topic(s) to be taught (Sem I)
Oct	<b>Unit: I Salesman and Salesmanship</b> Meaning, Definition and importance of Salesmanship, Types of Salesman, Qualities of Good Salesman.
Nov	<b>Unit II: Personal Selling and Salesmanship</b> Meaning, Nature and Importance of Personal Selling, Personal selling V/s Salesmanship, objectives of Personal selling, process of personal selling, Types of Personal Selling.
Dec	<b>Unit III: Buying Motives</b> Types of Markets, consumer and Industrial Markets, Three characteristics and Implication for the selling function, Types of Consumer  <b>Unit IV: Consumer behaviour and Salesmanship:</b> Nature of Consumer Behaviour, Types of Customers, Buying Motives, Consumers Buying Process, Customer Relationship Management (CRM)
Jan	<b>Unit V : Sales Presentation:</b> Principles of Sale presentation, Sales Presentation Skills, Theories of Selling – “ AIDAS” Theory of selling, “Right set of Circumstances” Theory of Selling, Buying Formula” Theory of Selling, “Behavioural Equation” Theory of Selling.
Jan	<b>I<sup>st</sup> Semester University Exam</b>
Feb	<b>Semester II<sup>nd</sup></b> <b>Paper Title:-- Advertising</b>  <b>Unit- I Introduction to Advertising</b> Concept and importance of Advertising, advertising Objectives and advertising function, types of advertising, commercial and non-commercial advertising
Mar	<b>Unit- II Advertising Media</b> Meaning and concept of Media, different types of Media, Media planning, Impact of advertising agencies role, relationship with clients.  <b>Unit- III Advertising Budget</b> Advertising budget, factors affecting to advertising expenditure,  Ethics and code of conduct in advertising.
April	<b>Unit- IV Advertising agencies</b> Classified and display advertising, comparative advertising, regularity agencies in advertising (AAA1, ASCI)  <b>Unit V Advertising techniques</b> Advertising message, preparation of advertising message.
May	elements of advertising copy, broadcast copy, copy for direct mail
May-June	University Exam

  
Signature of the Teacher

  
Signature of H O D


**Kai. Rasika Mahavidyalaya, Deoni**  
**Yearly Teaching Plan (2021-2022)**


Name of the teacher: Bhusawale A.N.

Subject: Income Tax

Class: B.Com. S.Y. (Sem III & IV)

Month	Topic(s) to be taught
Sep	Admission Process
Oct	Chapter 1: Introduction History of Income tax Act 1961  Chapter 2 : Basic concepts Agriculture income, Person, Previous Year, Assessment Year, Assesses, Income, Gross Total Income, total Income
Nov	Chapter 3: Income from Salary
Dec	Chapter 4: Income from house property
Jan	Chapter 5: Income from capital Gain
Jan	<b>Semester End University Exam</b>
	<b>Income Tax - II</b>
Feb	Chapter 1 Exempted Income under Section 10  Chapter 2 Income from Profession
Mar	Problems on Income from Profession  Chapter 3 Incomes from Business
April	Chapter 4 Income from other source
May	Chapter 5 Computation of total income with deduction under section 80C 80D 80DD, 80U and 80E.
June	<b>Semester End University Exam</b>

  
Signature of the Teacher

  
Signature of H O D

**Kai. Rasika Mahavidyalaya, Deoni**  
**Yearly Teaching Plan (2021-2022)**

Name of the teacher: Bhusawale A.N.

Subject: New trends in Corporate Accounting

Class: B.Com. S.Y. (Sem III & IV)

Month	Topic(s) to be taught
Sep	Admission Process
Oct	<b>Unit: I Recent Concepts in Corporate Accounting</b> Introduction to corporate Account , online Banking, E-transaction, D-Mat Account, Debit Card, Credit Card, Swipe Machine, ATM  <b>Unit II: Issues of Shares</b> Meaning and procedure of issue, Forfeiture and reissue of Equity Shares, Practical Problems on Accounting Entries of Issue, Pro-rata allotment of Shares
Nov	<b>Unit III: Redemption of Preference Shares</b> Meaning and Procedure of redemption of preference shares, Types of preference shares, Redemption out of Fresh issue of Equity Shares, Redemption out of revenue Profit of Company, Practical Problems on accounting entries of redemption of preference shares and balance sheet after redemptions of preference shares  <b>Unit IV: Company Final Accounts</b> Preparation of profit and loss account, profit and loss appropriation, account and balance sheet in prescribed forms
Dec	<b>Unit V: Profit Prior to In Corporation</b> Meaning, allocation of expenses and incomes between pre and post period, finding profit or loss
Jan	<b>Semester End University Exam</b>
	<b>Advance Corporate Accounting</b>
Feb	<b>Unit: I Redemption of Debenture</b> Meaning, types of debenture, Redemption of debenture. Problem on sinking fund Method only,
Mar	<b>Unit II: Amalgamation of companies</b> Meaning and causes of amalgamation of companies, methods of purchase consideration opening and closing entries in the books of companies and preparation of balance sheet.  <b>Unit III: Reconstruction of a company</b> Meaning and need of reconstruction of company, types of reconstruction. Accounting entries related to internal reconstruction only preparation of revised balance sheet.
Apr	<b>Unit IV: Holding Company Account</b> Meaning of holding company and subsidiary company, holding company accounts with its only one subsidiary company, consolidated balance sheet, pre acquisition and post acquisition of profit intercompany debt and bills and debenture, cost of control, minority interest, and practical problem on consolidated balance sheet.
May	<b>Unit V: Liquidation of a company</b> Meaning and cause of liquidation of a company, process of liquidation of a company, Role of company liquidation, accounting treatment of voluntary liquidation of a company
June	<b>Semester End University Exam</b>

  
Signature of the Teacher

  
Signature of H O D

**Kai. Rasika Mahavidyalaya, Deoni**  
**Yearly Teaching Plan (2021-2022)**

Name of the teacher: Bhusawale A.N.

Subject: - Auditing - I

Class: B.Com. Third year

Month	Topic(s) to be taught (Sem V)
Sep	Admission Process
Oct	<b>UNIT I: Introduction to Auditing</b> Definition of Auditing, Objectives of Auditing - Primary and Secondary, Expression of Opinion, Inherent Limitations of Audit, Principles of Audit, Types of Audit, Advantages of Independent Audit, Auditing Vs Accounting, Auditing Vs Investigation
Nov	<b>UNIT II: Company Auditor</b> Eligibility and Appointment, Qualifications, Disqualifications, Rotation and Removal of Company Auditor, Powers and Duties of Company Auditor.
Dec	<b>UNIT III: Audit Planning, Procedures and Documentation</b> Meaning, Objectives, Factors to be Considered, Sources of Obtaining Information, Discussions with Client, Overall Audit Plan, Audit Programme <b>UNIT IV: Detection and Prevention of Fraud</b> Meaning, Factors to be Considered, Advantages, Disadvantages, Methods of Work, Instruction before Commencing Works of Audit, Audit Working papers, Audit Notebook <b>UNIT IV: Detection and Prevention of Fraud</b> Errors-meaning, Types of Errors -Commission, Omission, Principle and Compensating, Types of Frauds, Auditor's Duties and Responsibilities in Respect of Fraud & errors.
Jan	<b>UNIT V: Audit Evidence</b> Introduction, Evidence for Assertions, Formation of Opinion, Type of Evidence, Audit Techniques of Collecting Audit Evidence, Audit Sampling, Types of Sampling
Feb	<b>Semester End University Exam</b>
Feb	<b>Semester VI<sup>th</sup></b> <span style="float: right;"><b>Paper title: Auditing - II</b></span> <b>UNIT I: Checking Vouching and Audit Report</b> Meaning and Definition of Vouching, Objectives of Vouching, Test checking-Vouching of Cash Book, Verification and Valuation of Assets and Liabilities, Elements of Audit Report, Types of Audit Report -Qualified and Clean Audit Report, Audit Certificate.
January	<b>UNIT II: Internal Audit</b> Meaning, Basic Principles of Establishing Internal Audit, Objectives, Evaluation of Internal Audit by Statutory Auditor, Usefulness of Internal Audit, Internal Audit Vs External Audit, Internal Checks Vs Internal Audit <b>UNIT III: The Company Audit Provisions</b> Provisions Relating To Company Audit under Companies Act 2013.
February	<b>UNIT IV: Audit of Banking Companies</b> Definition, Restrictions on Banking Company, Audit of Banking, NPA-meaning & Important points of Non-Performing Assets with reference to Bank Audit,
March	<b>UNIT V: Standards on Auditing</b> SA-200, SA-230, SA-240, SA-299, SA -300, SA-320, SA-500, SA-580 SA 600, SA610

Signature of the Teacher

Signature of H O D

**Kai. Rasika Mahavidyalaya, Deoni****Yearly Teaching Plan (2021-2022)**

Name of the teacher: Bhusawale A.N.

Paper No: Advanced Accounting -I

Class: .Com. Third Year

Month	Topic(s) to be taught
Sep	Admission Process
Oct	<b>Unit I. Accounting Standards:</b> Introduction, Significance, Scope of Accounting Standard, Accounting Standard Board, Procedure of Issuing Accounting Standards, Indian Accounting Standards, International Accounting Standards  <b>Unit II. Hotel Business Accounting</b> Meaning, Importance of Hotel Business Accounting, Preparation of Final Accounts of Hotel Business
Nov	<b>Unit III. Underwriting of Shares and Debentures</b> Basic Concepts, Underwriting Commission, Preparation of Underwriters Account.
Dec	<b>UNIT IV: Branch Accounting</b> Introduction, Meaning of Branch Account, Types of Branches, Preparation of Branch Accounts as per Debtors system and Stock and Debtors system only.
Jan	<b>UNIT V: Agriculture Accounting</b> Introduction, Meaning, Importance of Agriculture Accounting, Preparation of Agriculture Account. Problems on Farm Accounting
Jan	<b>Semester End University Exam</b>
Feb	<b>Semester VI<sup>th</sup></b> <b>Paper title: Advance Accounting -II</b> <b>UNIT I: Accounts of Electricity Company</b> The Double Entry Accounting System – Meaning & Advantages. Preparation of Electricity Company Accounts  <b>UNIT II: Departmental Accounts</b> Meaning, Importance of Departmental Account, Preparation of Departmental Profit and Loss.
Mar	Balance Sheet and General Profit & Loss Account (with Loading, internal transfer)  <b>UNIT III: Packages Account</b> Meaning and Importance, Preparation of Package Account
April	<b>UNIT IV: Account of Profession</b> Meaning, Importance of Profession Account, Preparation of Profession Account Solicitors Account only
May	<b>UNIT V: Insolvency Accounts</b> Meaning, Importance, Procedures of Insolvency.
May-June	<b>Semester End University Exam</b>

Signature of the Teacher

Signature of HOD





Kai.Rasika Mahavidyalaya, Deoni. Dist. Latur

Teaching Plan

Sem. I Year 2021-2022

Teacher's Name Dr. Celopal V. Somani

Class & division B.Com. Fy. Subject Fundamental of Financial Accounts  
(Offline 150%) (Online mode) Jan. 2022

Month	Portion to be Covered
15 October 2021	1] Introduction of Accountancy
November	1] Introduction of Accountancy 2] Final Account of Sole Trader
December	3] Joint Venture Account
January 2022	4] Hire Purchase System 5] Royalty Account.

Extra teaching hours plan to cover the Syllabus within the prescribed period.

Principal

Kai. Rasika Mahavidyalaya, Deoni  
Tq. Deoni Dist. Latur

IQAA COORDINATOR  
Kai. Rasika Mahavidyalaya, Deoni  
Tq. Deoni Dist. Latur

Teacher's Signature



# Kai.Rasika Mahavidyalaya, Deoni. Dist. Latur

## Teaching Plan

Sem. I Year 2021-2022

Teacher's Name Dr. Celopal V. Samani

Class & division B.com F.Y Subject Fundamental Business Communication

(15 Oct 2021 - Offline. Jan-2022 online)

Month	Portion to be Covered
15 October 2021	1] Introduction to Business Communication
November	2] Corporate Communication
December	3] Effective Business Communication 4] Effective Oral Communication
January 2022	5] Modern Tele Communication

Extra teaching hours plan to cover the Syllabus within the prescribed period.

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Principal

Kai. Rasika

Mahavidyalaya, Deoni  
Dist. Latur

IQAB COORDINATOR  
Kai.Rasika Mahavidyalaya, Deoni  
Dist. Latur

Teacher's Signature



# Kai.Rasika Mahavidyalaya, Deoni. Dist. Latur

## Teaching Plan

Sem. I Year 2021-2022

Teacher's Name Dr. Chopal V. Somani

Class & division B.com Fy. subject Business Economics-I

(15 Oct 2021 - offline - January 2022 - online)

Month	Portion to be Covered
15 October 2021	1] Introduction to Business Economics
November	2] Demand Analysis
December	3] Theory of Consumer Behaviour 4] Theory of Production
January 2022	5] Theory of Cost

Extra teaching hours plan to cover the Syllabus within the prescribed period.

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Principal

Kai. Rasika Mahavidyalaya, Deoni  
Tq. Deoni Dist. Latur

IQAC COORDINATOR

Kai. Rasika Mahavidyalaya, Deoni  
Tq. Deoni Dist. Latur

Teacher's Signature



Kai.Rasika Mahavidyalaya, Deoni. Dist. Latur

Teaching Plan

Sem. III Year 2021-2022

Teacher's Name Dr. Chopal V. Samani

Class & division B.COM S.Y. Subject COST ACCOUNTING

(15 Oct 2021 - OFFLINE JAN. 2022 ONLINE)

Month	Portion to be Covered
15 October 2021	1) Introduction to Cost Accounting
November	2) Single Output Costing
December	3) Material Cost 4) Labour Cost
January 2022	5) Overhead Cost

Extra teaching hours plan to cover the Syllabus within the prescribed period.

Principal

Kai. Rasika

*[Signature]*  
Principal  
Kai. Rasika Mahavidyalaya, Deoni

IQAC COORDINATOR  
Kai. Rasika Mahavidyalaya, Deoni

Teacher's Signature

*[Signature]*



Kai.Rasika Mahavidyalaya, Deoni. Dist. Latur

Teaching Plan

Sem. V Year 2021-2022

Teacher's Name Dr. Chopal V. Somani

Class & division B.com T.Y Subject Banking & Finance - I

(15 Oct 2021 - offline, Jan. 2022 online)

Month	Portion to be Covered
15 October 2021	1) Introduction to Banking
November	2) Indian Commercial Banks
December	3) Co-operative Banks in India 4) Development Banks in India
January 2022	5) Banking Operations & Procedures

Extra teaching hours plan to cover the Syllabus within the prescribed period.

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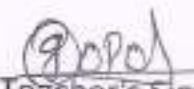
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Principal

  
Principal  
Kai.Rasika Mahavidyalaya, Deoni

  
ICAC COORDINATOR  
Kai.Rasika Mahavidyalaya, Deoni

Teacher's Signature





Kai.Rasika Mahavidyalaya, Deoni. Dist. Latur

Teaching Plan

Sem. II Year 2021-2022

Teacher's Name Dr. Celopal V. Samani

Class & division B.com.Fy Subject Financial Accounting  
(Offline)

Month	Portion to be Covered
Feb 2022	1] Consignment Account
March	2] Account of Cooperative Societies
April.	3] Instalment System 4] Trust Accounting
May	5] Insurance claim.

Extra teaching hours plan to cover the Syllabus within the prescribed period.

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Principal [Signature]  
Principal  
Kai. Rasika Mahavidyalaya, Deoni  
Dist. Latur

IQAC COORDINATOR [Signature]  
Kai. Rasika Mahavidyalaya, Deoni  
Dist. Latur

Teacher's Signature [Signature]



Kai.Rasika Mahavidyalaya, Deoni. Dist. Latur

Teaching Plan

Sem. II Year 2021-2022

Teacher's Name Dr. Geopal V. Samani

Class & division B.Com FY Subject Business Economics - II

Month	Portion to be Covered
February 2022	1] Perfect Competition
March	2] Monopoly
April	3] Monopolistic Competition 4] Oligopoly
May	5] Theory of Distribution

Extra teaching hours plan to cover the Syllabus within the prescribed period.

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Principal

Kai. Rasika

Deoni

IQAC COORDINATOR  
Kai.Rasika Mahavidyalaya, Deoni

Teacher's Signature



# Kai. Rasika Mahavidyalaya, Deoni. Dist. Latur

## Teaching Plan

Sem. II Year 2021.. 2022

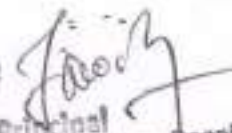
Teacher's Name Dr. Geopal V. Samant


Class & division B.com. E.Y. Subject Modern Business Communication

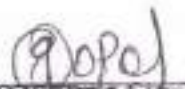
Month	Portion to be Covered
February 2022	1] Application for Employment
March	2] Communication Skill
April	3] Business Letters 4] Writing Skills
May 2022	5] Import Export Trade Correspondence

Extra teaching hours plan to cover the Syllabus within the prescribed period.

Principal

  
Principal  
Kai. Rasika Mahavidyalaya, Deoni  
Tq. Deoni Dist. Latur

  
IQAC COORDINATOR  
Kai. Rasika Mahavidyalaya, Deoni  
Tq. Deoni Dist. Latur

  
Teacher's Signature





Kai.Rasika Mahavidyalaya, Deoni. Dist. Latur

Teaching Plan

Sem. IV Year 2021-2022

Teacher's Name Dr. Celopal V. Samant

Class & division B.Com. Sy. Subject Advanced Cost Accounting.

Month	Portion to be Covered
February 2022	1) Contract Costing
March	2) Process Costing
April	3) Service Costing
May 2022	4) Reconciliation of Cost & Financial Account 5) Cost Accounting Record of Cost Account.

Extra teaching hours plan to cover the Syllabus within the prescribed period.

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Principal Jain  
Principal  
Kai. Rasika Mahavidyalaya, Deoni  
Tq. Deoni Dist. Latur

IQAC COORDINATOR Anand  
Kai. Rasika Mahavidyalaya, Deoni  
Tq. Deoni Dist. Latur.

celopal  
Teacher's Signature



Kai.Rasika Mahavidyalaya, Deoni. Dist. Latur

Teaching Plan

Sem. VI Year 2021-2022


Teacher's Name Dr. Celoral V. Somani

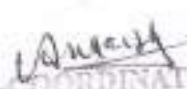
Class & division B.com Ty Subject Banking & Finance - II

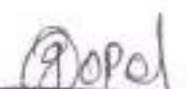
Month	Portion to be Covered
February 2022	1) Reserve Bank of India.
March	2) Indian money market
April.	3) Indian capital market 4) Securities & Exchange Board of India.
May.	5) Recent Trends in Banking.

Extra teaching hours plan to cover the Syllabus within the prescribed period.

Principal

  
Principal  
Kai. Rasika Mahavidyalaya, Deoni  
Tq. Deoni Dist. Latur

  
IQAC COORDINATOR  
Kai. Rasika Mahavidyalaya, Deoni  
Tq. Deoni Dist. Latur

  
Teacher's Signature



JSPB's  
**KAL. RASIKA MAHAVIDYALAYA, DEONI, DIST. LATUR**  
Teaching Plan – 2021 - 2022

Name of Teacher : Dr. P. R. More  
Class : B. Sc First Year Semester: I<sup>st</sup>  
Subject : Zoology Paper No: II  
Name of Paper : Biodiversity of Chordates

Month	Portion to be covered
July	<b>Unit – I</b> 1. Introduction of Chordates - Salient features and classification of chordates up to class level. Origin and Ancestry of Chordata 2. Protochordata: 3. Agnatha :
August	<b>Unit- II</b> 1. <b>Pisces:</b> General characters and classification up to order level with suitable examples; Scoliodon (Dogfish): External morphology, Digestive system, Respiratory system, Circulatory System, Nervous system, Urinogenital system. Economic importance of Fishes. 2. <b>Amphibia:</b> General characters and classification up to order level with suitable examples; Parental care in Amphibians; Hibernation and aestivation in Frog.
September	<b>UNIT – III</b> 1. <b>Reptiles:</b> General characters and classification up to order level with suitable examples; Poisonous and non-poisonous snakes; Biting mechanism in snakes; Importance of snake Venom. 2. <b>Aves:</b> General characters and classification up to order level with suitable examples; Flight adaptations in birds; Migration in birds.
October	<b>UNIT – IV II</b> 1. <b>Mammals:</b> General characters and classification up to order level with suitable examples. 2. <b>Rat-</b> External characters, Digestive system, Respiratory system, Circulatory system, Nervous system - Brain and spinal cord, Eye and Ear.

Extra teaching hours plan to cover the syllabus within the prescribed period.

  
Teacher's Signature

  
IQAC-COORDINATOR  
Kal. Rasika Mahavidyalaya, Deoni  
Tq. Deoni Dist. Latur

  
Principal  
Principal  
Kal. Rasika Mahavidyalaya, Deoni  
Tq. Deoni Dist. Latur



JSPB's

**KAI, RASIKA MAHAVIDYALAYA, DEONI, DIST. LATUR**

**TEACHING PLAN – 2021- 2022**

Name of Teacher : Dr. P. R. More

Class : B. Sc First Year

Semester: II

Subject : Zoology

Paper No: III

Name of Paper : Comparative Anatomy of Vertebrates

Month	Portion to be covered
December	<b>UNIT – I</b> 1. General characters, origin and Ancestry of Vertebrates. 2. Integumentary System: Development, General structure and function of integument; Derivatives of integument- Epidermal and Dermal derivatives; 3. Skeletal System- Evolution of visceral arches; Comparative account of Limbs and girdles.
January	<b>UNIT – II II</b> 1. <b>Digestive System:</b> Brief account of alimentary canal and digestive glands. 2. <b>Respiratory System:</b> Brief account of different respiratory organs in vertebrates- Gills, lungs, skin, air sacs and Accessory respiratory organs.
February	<b>UNIT – III II</b> 1. <b>Circulatory System:</b> Brief account of Evolution of heart in vertebrates. Modifications of aortic arches in vertebrates; Blood circulation in various vertebrate groups- Single and Double circulation 2. <b>Urinogenital System:</b> Developmental Succession of kidney, Evolution of urinogenital system in vertebrates.
March	<b>UNIT – IV</b> 1. <b>Nervous System:</b> Structure of Neuron; Comparative account of Brain of Vertebrates. 2. <b>Sense Organs -</b> Types of receptors- Mechanoreceptors; Photoreceptors; Phonoreceptors.

Extra teaching hours plan to cover the syllabus within the prescribed period.

  
Teacher's Signature

  
IQAC-COORDINATOR  
Kai, Rasika Mahavidyalaya, Deoni  
Tq. Deoni Dist. Latur

  
Principal  
Principal  
Kai, Rasika Mahavidyalaya, Deoni  
Tq. Deoni Dist. Latur



JSPB's  
KAL. RASIKA MAHAVIDYALAYA, DEONI, DIST. LATUR

Teaching Plan – 2021-2022

Name of Teacher : Dr. P. R. More

Class : B. Sc SY

Semester: III

Subject : Zoology

Paper No: VI

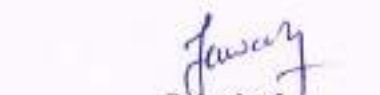
Name of Paper : PHYSIOLOGY

Month	Portion to be covered
July	<b>UNIT -I</b> <b>1. Digestion:</b> Kinds of digestion-Intracellular and Extracellular Digestion. Physiology of digestion in the alimentary canal. Absorption of Carbohydrates, Proteins, Lipids. <b>2. Vitamins:</b> Sources and deficiency diseases of Fat soluble and Water soluble vitamins. <b>3. Respiration:</b> Kinds of Respiration- Direct and Indirect Respiration. Respiratory organs in man. Mechanism of Respiration in man. Transport of O <sub>2</sub> and CO <sub>2</sub>
August	<b>UNIT-II</b> <b>1. Excretion:</b> Structure of Kidney, Structure of nephron. Mechanism of Urine formation (Ultra-filtration and tubular re-absorption). Counter-current Mechanism. <b>2. Cardiovascular system:</b> Composition and functions of blood Types of heart in vertebrates: Neurogenic and Myogenic heart. Structure and working of Human Heart. Origin and conduction of the cardiac impulse, Cardiac cycle. E.C.G. and Blood Pressure
September	<b>UNIT-III</b> <b>1. Nerve Physiology:</b> Structure of generalized neuron Types of neurons Structure of synapse Major Neurotransmitters- Acetyl choline, adrenaline & dopamine. Conduction of nerve impulse <b>2. Muscle Physiology:</b> Types of muscles- smooth muscles, skeletal muscles and cardiac muscles. Ultra structure of skeletal muscles
October	<b>Unit- IV</b> <b>1. Reproduction:</b> Histological structure of human testes and ovaries. Physiology of male reproduction: hormonal control of spermatogenesis Physiology of female reproduction: hormonal control of oogenesis, menstrual cycle and pregnancy. <b>2. Endocrine Glands:</b> Structure, functions and hormonal disorders of – Pituitary gland, Thyroid gland, Adrenal gland, Islet's of Langerhans (Pancreas)

Extra teaching hours plan to cover the syllabus within the prescribed period.

  
Teacher's Signature

  
IQAC COORDINATOR  
Kal. Rasika Mahavidyalaya, Deoni  
Tq. Deoni Dist. Latur

  
Principal  
Principal  
Kal. Rasika Mahavidyalaya, Deoni  
Tq. Deoni Dist. Latur



JSPB's  
KAL RASIKA MAHAVIDYALAYA, DEONI, DIST. LATUR

Teaching Plan – 2021-2022

Name of Teacher : Dr. P. R. More

Class : B. Sc. SY

Semester: IV

Subject : Zoology

Paper No: VIII

Name of Paper : Cell Biology and Genetics

Month	Portion to be covered
December	<b>UNIT –I</b> 1. <b>Overview of Cells:</b> Structure of Prokaryotic and Eukaryotic cells. Microscopy for cell study. 2. <b>Cell Organelles:</b> Structure and functions of Cell Organelles- Plasma membrane, Endoplasmic reticulum, Golgi complex, Mitochondria, Ribosomes, Lysosomes and Nucleus. 3. Cell Cycle and its regulation
January	<b>UNIT-II</b> 1. <b>Introduction to Genetics:</b> Mendel's work on transmission of traits, Genetic Variation. 2. <b>Mendelian Genetics and its Extension:</b> Mendel's law of inheritance- Law of Dominance, Law of Segregation, Law of independent Assortment. Interaction of genes and modifying genes- Complementary factor (9:7); Supplementary factor (9:3:4); Inhibitory factor (13:3); Duplicate genes (15:1); Lethal genes (1:2:1)
February	<b>UNIT-III</b> 1. Multiple Alleles and Genes: i) Inheritance of ABO Blood groups in Man. ii) Rh factor and Erythroblastosis foetalis in man. iii) Polygenic characters- skin pigmentation in man. 2. Linkage and Crossing over: i) Linkage- Types and significance ii) Crossing over- a) Mechanism of crossing over, b) Factor affecting crossing over, c) Significance of crossing over. 3. Mutation i) Chromosomal Mutations: Deletion, Duplication, Inversion, Translocation, Aneuploidy and Polyploidy. ii) Gene mutations: Induced versus Spontaneous mutations, Back versus Suppressor mutations.
March	<b>Unit- IV</b> 1. <b>Sex determination</b> i) Chromosomal methods of sex determination. ii) Bridge's ratio theory of genic balance. 2. <b>Sex linked inheritance</b> i) Sex linked inheritance in Drosophila. ii) Sex linked inheritance in man – colourblindness, haemophilia, Hypertrichosis 3. <b>Cytoplasmic Inheritance-</b> Mitochondrial inheritance (in human being) 4. Human Genetics i) Syndromes – Turner, Klinefelter, Down, Cat-Cry, Patau syndrome ii) Inborn errors of metabolism – Phenylketonuria (PKU), Alkaptonuria, Albinism. iii) Human pedigree analysis with symbols.

Extra teaching hours plan to cover the syllabus within the prescribed period.

Teacher's Signature

IQAC COORDINATOR  
Kal.Rasika Mahavidyalaya, Deoni  
Tq.Deoni Dist.Latur

Principal  
Kal. Rasika Mahavidyalaya, Deoni  
Tq. Deoni Dist. Latur



# Kai.Rasika Mahavidyalaya, Deoni. Dist.Latur

## Tentative Teaching Plan

Sem.....II..... Year 2028.. 2029.. (continue)


Teacher's Name.....Dr. Demale S.S......

Class & division.....B. com. F.Y. Subject.....mathematics.....

Month	Portion to be Covered
April	Unit-I Arithmetical operations - Ratios variations and proportions.
May	Unit-II matrices - Addition, subtraction and multiplication of matrices
June	Unit-III permutation and combination
July	Unit - IV probability. Unit - V Index Number.
	Internal test.

Extra teaching hours plan to cover the Syllabus within the prescribed period.

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Principal

Kai.Rasika Mahavidyalaya,  
DEONI, DIST.LATUR

  
IQAC COORDINATOR  
Kai.Rasika Mahavidyalaya, Deoni  
Tq.Deoni Dist.Latur

  
Teacher's Signature  
Principal  
Kai.Rasika Mahavidyalaya,  
DEONI, DIST.LATUR



# Kai.Rasika Mahavidyalaya, Deoni. Dist. Latur

## Teaching Plan

Sem. IV Year 2020-2021. Continue

Teacher's Name Dr. Dimple S.S.

Class & division B.com-S.V Subject Business management.

Month	Portion to be Covered
April	Chapter - I management thinkers and theories
May	Chapter - II Training & development Chapter - III performance appraisal
June	Chapter - IV International Business management.
July	Chapter - V Recent development in management.
	Posterioral test.

Extra teaching hours plan to cover the Syllabus within the prescribed period.

Principal

Principal

Kai.Rasika Mahavidyalaya,  
DEONI Dist.Latur

IQAC COORDINATOR

Kai.Rasika Mahavidyalaya, Deoni  
Tq.Deoni Dist.Latur

Teacher's Signature

Principal

Kai.Rasika Mahavidyalaya,  
DEONI Dist.Latur





# Kai.Rasika Mahavidyalaya, Deoni. Dist. Latur

## Teaching Plan

Sem. .... IV ..... Year 2020.. 2021..

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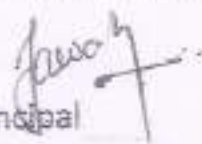
Teacher's Name .. Dr. Dhanale B.S. ....

Class & division .. B.Com. B.Y. .... Subject .. Corporate Law ..

Month	Portion to be Covered
April	Unit - I Introduction
	Unit - II Incorporation of the company.
May	Unit III Financial structure
	Unit IV membership in a company.
June	Unit IV --- continued
July	Unit - V membership in a company.
	Porteronal test.

Extra teaching hours plan to cover the Syllabus within the prescribed period.

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Principal

  
Teacher's Signature

Principal  
Kai.Rasika Mahavidyalaya,  
Deoni Dist.Latur

  
IQAC COORDINATOR  
Kai.Rasika Mahavidyalaya, Deoni  
Tq.Deoni Dist.Latur



# Kai.Rasika Mahavidyalaya, Deoni. Dist.Latur

## Teaching Plan

Sem. IV Year 2020.. 2021

(online)

Teacher's Name Dr. Durgale SS

Class & division B.com-I.Y. Subject Management Accounting

Month	Portion to be Covered
April	Unit - I Financial Statement Analysis Unit - II Ratio Analysis
May	Unit - II ... continued Unit - III Working capital management
June July	Unit - IV Capital Budgeting Unit V Responsibility Accounting
	Internal test.

Extra teaching hours plan to cover the Syllabus within the prescribed period.

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Principal

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Teacher's Signature

Principal  
Kai.Rasika Mahavidyalaya

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IQAC COORDINATOR  
Kai.Rasika Mahavidyalaya, Deoni  
Tq.Deoni Dist.Latur



# Kai.Rasika Mahavidyalaya, Deoni. Dist.Latur

## Teaching Plan

Sem. VI Year 2020.. 2021

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Teacher's Name Dr. Danga S.S. Subject Human Resource Management  
Class & division B.com. I.Y.

Month	Portion to be Covered
April	Employee empowerment
May	Human Resource Development International Human Resource mana.
June	career planning & development
July	Emerging Issues & recent techniques in HRM

Extra teaching hours plan to cover the Syllabus within the prescribed period.

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Principal

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Teacher's Signature

Principal  
Kai.Rasika Mahavidyalaya,

*[Signature]*  
IQACE COORDINATOR  
Kai.Rasika Mahavidyalaya, Deoni  
Tq.Deoni Dist.Latur



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Kal. Rasika Mahavidyalaya, Deoni, Dist. Latur  
Teaching Plan  
Sem I & II Year 2021- 2022

Teacher's Name Mr. Tenkale Mahadev Naguath  
Class & division B.Sc/B.Com F.Y

Subject: Compulsory English

Month	Period to be covered
October	I have three Visions for India, Learning from the west, A Living God
November	Search for a Stranger, my Mistress eyes are nothing like the sun, Bright Star, Would I were Steadfast as thou Art
Dec./Jan	Language Learning, Communication Skills Emails, job Applications
Jan	Semester End
February	The Annihilation of Caste, On the Rule of the Road
March	An Astrologer's day The kid, This Dog,
April	A poison Tree Language Learning
May	Report Writing, Composing News Items

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Principal  
Kal. Rasika Mahavidyalaya, Deoni  
Tq. Deoni Dist. Latur



JSPB's  
Kai. Rasika Mahavidyalaya, Deoni, Dist. Latur  
Teaching Plan  
Sem III & IV Year 2021- 2022

Teacher's Name Mr. Tenkale Mahadev Nagnath  
Class & division B.Sc/B.Com F.Y

Subject: Compulsory English

Month	Period to be covered
October	The Model Millionaire, The Lost Child, The Gift Of India
November	Desiderata, At School, The Flying Sikh
Dec./Jan	Direct-indirect Narration, Writing for Print Media
Jan	Semester End
February	The Remorseful Sinner, The Sniper
March	Love, Courage, to youth
April	The Quest for Happiness
May	Active Voice and Passive voice

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Principal  
Kai. Rasika Mahavidyalaya, Deoni  
Tq. Deoni Dist. Latur


Kai. Rasika Mahavidyalaya, Deoni  
Yearly Teaching Plan (2020-2021)

Name of the teacher: Bhusawale A.N

Class: B. Com. T.Y. (V<sup>th</sup> & VI<sup>th</sup> Sem)

Subject: - Advance Accounting - I

Month	Topic(s) to be taught
June	Admission Process
Aug-20	<i>Unit-I : Accounting Standards:</i>
Sep - 20	<i>Unit -II: Hotel Business Accounting:</i> <i>Unit- III : Underwriting of Shares &amp; debentures:</i>
Oct - 20	<i>Unit- IV: Branch Accounting:</i>
Nov- 20	<i>Unit- V: Agricultural accounting:</i>
Jan - 21	<i>Unit I - Accounts of Electricity Company:</i>
Feb - 21	<i>Unit II - Departmental Accounts:</i>
Mar - 21	<i>Unit III - Packages Accounts:</i>
Apr - 21	<i>Unit IV - Accounts of Profession:</i> <i>Unit V - Insolvency Accounts:</i>
May - 21	University Summer Exam 2020- 21

  
Signature of the Teacher

  
Signature of H O D

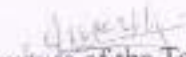
Kai. Rasika Mahavidyalaya, Deoni  
Yearly Teaching Plan (2020-2021)

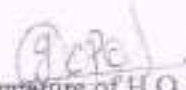
Name of the teacher: Bhusawale A.N

Class: B. Com. T.Y. (V<sup>th</sup> & VI<sup>th</sup> Sem)

Subject: - Auditing - II

Month	Topic(s) to be taught
June	Admission Process
Aug- 20	<i>Unit-I : Introduction to Auditing:</i> <i>Unit -II: Company Auditor:</i>
Sep - 20	<i>Unit- III : Audit planning, procedure &amp; Documentation:</i>
Oct - 20	<i>Unit- IV: Detection &amp; prevention of Fraud:</i>
Nov- 20	<i>Unit- V: Audit evidence:</i>
Jan - 21	<i>Unit I - Checking Vouching &amp; Audit Report:</i>
Feb - 21	<i>Unit II - Internal Audit:</i>
Mar - 21	<i>Unit III - The company Audit Provisions:</i>
Apr - 21	<i>Unit IV - Audit of Banking Companies:</i> <i>Unit V - Standards on Auditing:</i>
May - 21	University Summer Exam 2020- 21

  
Signature of the Teacher

  
Signature of H O D

**Kai. Rasika Mahavidyalaya, Deoni**  
**Yearly Teaching Plan (2020-21)**

Name of the teacher: Bhusawale A.N.      Class: B.Com. First Year (I & II Sem)

Subject:- Computer for Business and Tally - I

Month	Topic(s) to be taught
June - 20	Admission Process
Nov - 20	<b>Unit : I Introduction to computer:</b>
Dec - 20	<b>Unit II: Using MS-Word</b>
Jan - 21	<b>Unit III: MS-Excel</b>
	<b>Unit IV: MS-Power Point</b>
Feb - 21	<b>Unit V Computer Networking (Internet)</b>
Mar -21	<b>University Winter Exam</b>
Apr -21	<b>Unit I – Introduction to Computerized Accounting &amp; Tally</b>
	<b>Unit II - Starting with Tally</b>
	<b>Unit III - Accounting with Tally</b>
May -21	<b>Unit IV - Modification / alteration of records in Tally</b>
June -21	<b>Unit V - Report generation (procedure)</b>
July -21	<b>University Summer Exam</b>

*A.N. Bhusawale*  
Signature of the Teacher

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Signature of H.O.D.



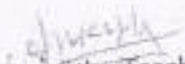
**Kai. Rasika Mahavidyalaya, Deoni**  
**Yearly Teaching Plan (2020-2021)**


Name of the teacher: Bhusawale A.N

Class: B. Com. S.Y. (III<sup>rd</sup> & IV<sup>th</sup> Sem)

Subject: - Corporate Accounting

Month	Topic(s) to be taught
June	Admission Process
Aug- 20	<i>Unit-I : New Concept in Corporate Accounting:</i>
Sep - 20	<i>Unit -II: Issue of Shares:</i>
Oct - 20	<i>Unit- III : Company Final accounts:</i>
Nov- 20	<i>Unit- IV: Redemption of Preference Shares:</i>
Jan - 21	<i>Unit- V: Profit prior to incorporation:</i>
Feb - 21	<i>Unit I - Amalgamation of Companies</i>
Mar - 21	<i>Unit II - Redemption of Debentures:</i>
Apr - 21	<i>Unit III - Reconstruction of Companies:</i>
May - 21	<i>Unit IV - Holding Company Account:</i> <i>Unit V - Liquidation of company:</i>
	University Summer Exam 2020- 21

  
Signature of the Teacher

  
Signature of H O D

**Kai. Rasika Mahavidyalaya, Deoni**  
**Yearly Teaching Plan (2020-2021)**

Name of the teacher: Bhusawale A.N

Class: B. Com. S.Y. (III<sup>rd</sup> & IV<sup>th</sup> Sem)

**Subject: - Fundamentals of Income Tax**

Month	Topic(s) to be taught
June	Admission Process
Aug - 20	<p><b>Unit-I: Introduction &amp; Basic concepts</b>                      Brief History of Income Tax 1961, agriculture income, person, previous year, assessment year, assesses, income, gross total income, total income</p> <p><b>Unit -II: Exempted Income Under Section 10</b></p> <p><b>Unit- III : Income from Salary</b>                      Salary (Sec. 17), allowances (Sec. 10), perquisites (Sec. 17), employee's provident fund, deductions under section 16, practical problems on computation of taxable income from salary.</p>
Sep - 20	<p><b>Unit- IV: Income From House Property</b>                      Basis of charge (Sec. 22), deductions under section 24, practical problems on computation of taxable income from house property.</p>
Oct - Nov 20	<p><b>Unit- V: Income From Business &amp; Profession</b>                      Meaning of business and profession, meaning of profit, inadmissible incomes chargeable under Section 28, admissible deduction under Section 30 to 37, computation of income from business and profession.</p>
Jan - 21	<p><b>Unit I - Income from Capital Gain</b>                      Meaning of capital asset (Sec. 2), types of capital assets (Sec. 48), period of holding, meaning of transfer (Sec. 2), cost inflation index, deductions under section 54, practical problems on computation of income from capital gain.</p>
Feb - 21	<p><b>Unit II - Income from Other Sources</b>                      Meaning of income from other sources, charge-ability of income under Section 56, allowable deductions under Section 57, computation of income from other sources,</p>
Mar - 21	<p><b>Unit III - Deductions from Gross Total Income</b>                      Meaning of Gross Total Income, deduction under chapter VI A, under Section 80C, 80D, 80DD, 80E and 80U</p>
Apr - 21	<p><b>Unit IV - Computation of total Income</b>                      Computation of Total Income</p> <p><b>Unit V - Computation of Tax Liability</b>                      Computation of tax liability for assessee age below 60.</p>
May - 21	<b>University Summer Exam 2020- 21</b>

Signature of the Teacher

Signature of H O D



Kai.Rasika Mahavidyalaya, Deoni. Dist. Latur

Tentative Teaching Plan

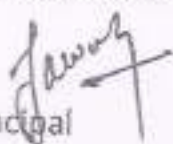
Sem.....I..... Year 2020-2021 (Coordinate)

Teacher's Name Dr. Dimple Sulochana Shirraj

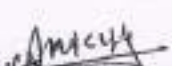
Class & division B.com P.Y. Subject Statistics

Month	Portion to be Covered
Aug	Unit - I Introduction to statistics.
Sept	Unit - II - measures of central tendency.
Oct Nov	Unit - III - measures of dispersion Unit - IV correlation Analysis
Dec	Unit - V Regression Analysis. Internal Test

Extra teaching hours plan to cover the Syllabus within the prescribed period.

  
Principal

  
Teacher's Signature

  
IQAC-COORDINATOR  
Kai.Rasika Mahavidyalaya, Deoni  
Tq.Deoni Dist.Latur

Principal  
Kai.Rasika Mahavidyalaya,  
DEONI Dist.Latur



# Kai. Rasika Mahavidyalaya, Deoni

## Teaching Plan

Sem III Year ~~2019-20~~ 2020-21 (online)

Teacher's Name Dr. Dergale S.S.

Class & division B.com - S.Y. Subject Principles of Business Management - Marketing (5th)

Month	Portion to be Covered
July Aug	chapter - I Introduction of management
	chapter - II managerial planning and Decision Making
sept	chapter - III staffing and organizing
	chapter - IV new trends in management
oct.	chapter - V managerial skills Internal test.

Extra teaching hours plan to cover the syllabus within the prescribed period

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Principal

Teacher's signature

Dr. Dergale S.S.

Principal

Kai. Rasika Mahavidyalaya,  
DEONI Dist. Latur

Principal  
Kai. Rasika Mahavidyalaya,  
DEONI Dist. Latur

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IQAC COORDINATOR  
Kai. Rasika Mahavidyalaya, Deoni  
Tq. Deoni Dist. Latur



# Kai.Rasika Mahavidyalaya, Deoni. Dist. Latur

## Teaching Plan

Sem. III Year 2020-2021. (online)

Teacher's Name Dr. Dengele S.S.

Class & division B.com.S.Y. Subject Merchandise LAW

Month	Portion to be Covered
Aug	Unit-I Indian contract Act 1872 Unit-II Negotiable Instrument Act, 1881
Sept	Unit-III Sale of Goods Act, 1930 Unit-IV Indian partnership Act, 1932
Oct	Unit-IV --- continued Unit V Consumer protection Act 1986

Extra teaching hours plan to cover the Syllabus within the prescribed period.

Jawar  
Principal

Dengele  
Teacher's Signature

Dr. S.S. Dengele  
IQAC-COORDINATOR  
Kai.Rasika Mahavidyalaya, Deoni  
T. Deoni Dist. Latur

Kai.Rasika Mahavidyalaya,  
DEONI Dist. Latur



Kai.Rasika Mahavidyalaya, Deoni. Dist.Latur

Teaching Plan

Sem.....IV..... Year 2020-2021.. (online)

Teacher's Name Dr. Durgala S.S.

Class & division B.com T.Y. Subject Management Accounting.

Month	Portion to be Covered
Aug	Unit - I Introduction to management Accounting. Unit - II Fund Flow statement
sept	Unit - III cash flow statement Unit - IV marginal costing and Break even Analysis.
oct	Unit - IV ..... continued Unit - V Budget and Budgetary control
Nov	Posterior test.

Extra teaching hours plan to cover the Syllabus within the prescribed period.

Jawad  
Principal

Durgala  
Teacher's Signature

Principal  
Kai.Rasika Mahavidyalaya,  
DEONI Dist.Latur

Jawad  
IQAC-COORDINATOR  
Kai.Rasika Mahavidyalaya, Deoni  
Deoni Dist.

Principal  
Kai.Rasika Mahavidyalaya,  
DEONI Dist.Latur



# Kai.Rasika Mahavidyalaya, Deoni. Dist. Latur

## Teaching Plan

Sem. V Year 2020-2021 (online)

Teacher's Name Dr. Durgale ss

Class & division B.com. 2-Y Subject Human Resource management

Month	Portion to be Covered
Aug	chapter - I An Introduction to HRM chapter - II Human Resource planning
sept	chapter - III Human Resource recruitment and selection chapter - IV wages and salary administration
oct	chapter - IV ... continued chapter - V performance appraisal
Nov	Porterional test

Extra teaching hours plan to cover the Syllabus within the prescribed period.

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Principal

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Kai.Rasika Mahavidyalaya,  
DEONI Dist. Latur

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IQAC-COORDINATOR  
Kai.Rasika Mahavidyalaya, Deoni

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Teacher's Signature

Principal  
Kai.Rasika Mahavidyalaya,  
DEONI Dist. Latur



# Kai.Rasika Mahavidyalaya, Deoni. Dist. Latur

## Teaching Plan

Sem. I Year 2020-2021

Teacher's Name Dr. Chopal V. Samami

Class & division B.com F.Y. subject Fundamental of Financial Accounting  
(Online mode)

Month	Portion to be Covered
<u>13</u> <u>August</u> <u>2020</u>	<u>1] Introduction of Accountancy</u>
<u>September</u>	<u>2] Introduction of Accountancy</u> <u>3] Final Account of Sole Trader</u>
<u>October</u>	<u>3] Joint Venture Account</u>
<u>November</u>	<u>4] Hire Purchase System</u>
<u>December</u> <u>January</u>	<u>5] Royalty Account</u>

Extra teaching hours plan to cover the Syllabus within the prescribed period.

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Principal

Kal. Rasika Mahavidyalaya, Deoni

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Deoni

IQAC COORDINATOR  
Kal. Rasika Mahavidyalaya, Deoni  
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Teacher's Signature

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Kai.Rasika Mahavidyalaya, Deoni. Dist. Latur

Teaching Plan

Sem. I Year 2020-2021

Teacher's Name Dr. Lalpal V. Samani

Class & division B.COM F.Y. Subject ~~Business Economics I~~  
(Online Mode)

Month	Portion to be Covered
August 2020	1] Introduction to Business Economics
September	2] Demand Analysis
October	3] Theory of Consumer Behaviour
November	4] Theory of Production
December	5] Theory of Cost.

Extra teaching hours plan to cover the Syllabus within the prescribed period.

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Principal   
Kai. Rasika Mahavidyalaya, Deoni

IQAC COORDINATOR   
Kai.Rasika Mahavidyalaya, Deoni

  
Teacher's Signature



# Kai.Rasika Mahavidyalaya, Deoni. Dist. Latur

## Teaching Plan

Sem. III Year 2020-2021

Teacher's Name Dr. Lalpal N. Samani

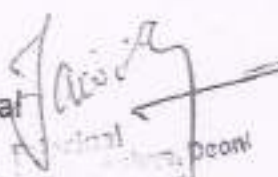
Class & division B.COM Sy Subject Cost Accounting  
(online mode)

Month	Portion to be Covered
August 2020	1) Introduction to Cost Accounting
September	2) Single Output Costing
October	3) Material Cost
November	4) Labour Cost
December	5) Overhead Cost.

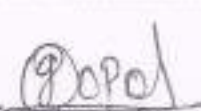
Extra teaching hours plan to cover the Syllabus within the prescribed period.

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Principal

  
Kai. Rasika Mahavidyalaya, Deoni

FOAC COORDINATOR  
Kai. Rasika Mahavidyalaya, Deoni

  
Teacher's Signature



# Kai.Rasika Mahavidyalaya, Deoni. Dist. Latur

## Teaching Plan

Sem. V Year 2020-2021

Teacher's Name Dr. Celopal V. Samani

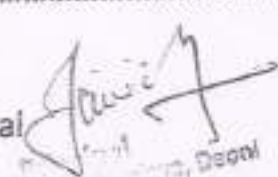
Class & division B.com IV Subject Marketing Management - I  
(online mode)

Month	Portion to be Covered
August 2020	1] Marketing Concept
September	2] Marketing Planning
October	3] Product & Pricing Decision
November	4] Physical Distribution & Promotion
December	5] Marketing Information System

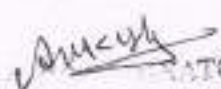
Extra teaching hours plan to cover the Syllabus within the prescribed period.

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Principal

  
Kai.Rasika Mahavidyalaya, Deoni

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Kai.Rasika Mahavidyalaya, Deoni

Teacher's Signature





Kai.Rasika Mahavidyalaya, Deoni. Dist. Latur

Teaching Plan

Sem. V Year 2020-2021.

Teacher's Name Dr. Chopal V. Samani

Class & division B.com IV Subject TRAVEL & TOURISM - I  
(Online mode)

Month	Portion to be Covered
August 2020	1] Modes of Travel
September	2] Approval of Travel Agent & Tour Operators
October	3] Function of Travel Agent
November	4] Travel Formalities
December	5] Tourism Marketing

Extra teaching hours plan to cover the Syllabus within the prescribed period.

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Principal  
Kai. Rasika Mahavidyalaya, Deoni

IQAC COORDINATOR  
Kai. Rasika Mahavidyalaya, Deoni

Teacher's Signature



# Kai.Rasika Mahavidyalaya, Deoni. Dist. Latur

## Teaching Plan

Sem. II Year 2020.. 2021..


Teacher's Name Dr. Celopal V. Samani

Class & division B.com Fy Subject Financial Accounting  
(online mode)

Month	Portion to be Covered
April. 2021	1) Consignment Accounts
May	2) Accounts of co-operative societies 3) Insurance claim
June	4) Instalment System
July	5) Trust Accounting

Extra teaching hours plan to cover the Syllabus within the prescribed period.

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Principal  
  
Kai. Rasika  
Deoni

IQAB  
  
COORDINATOR  
Kai.Rasika Mahavidyalaya, Deoni  
Dist. Latur

  
Teacher's Signature



Kai.Rasika Mahavidyalaya, Deoni. Dist. Latur

Teaching Plan

Sem. IV Year 2020-2021

Teacher's Name Dr. Utpal V. Samani Advanced-

Class & division B.com Sy. Subject COST ACCOUNTING  
(Online mode)

Month	Portion to be Covered
April 2021	1) Contract Costing
May	2) Process Costing
June	3) Service Costing
July	4) Reconciliation of Cost & Financial Accounts 5) Cost Accounting Record of Cost Audit

Extra teaching hours plan to cover the Syllabus within the prescribed period.

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Principal

Kai. Rasika  
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Deoni

IQAC COORDINATOR  
Kai. Rasika  
Deoni

Teacher's Signature

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# Kai.Rasika Mahavidyalaya, Deoni. Dist. Latur

## Teaching Plan

Sem. II Year 2020-2021

Teacher's Name Dr. Lalpal V. Samani

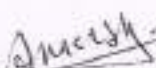
Class & division B.com Fy Subject Business Economics II  
(online mode)

Month	Portion to be Covered
April 2021	1] Perfect competition
May	2] monopoly.
June	3] monopolistic competition 4] oligopoly
July	5] Theory of Distribution

Extra teaching hours plan to cover the Syllabus within the prescribed period.

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Principal   
Kai. Rasika Mahavidyalaya, Deoni

IQAC COORDINATOR   
Kai. Rasika Mahavidyalaya, Deoni

Teacher's Signature 



# Kai.Rasika Mahavidyalaya, Deoni. Dist. Latur

## Teaching Plan

Sem. VI Year 2020-2021

Teacher's Name Dr. Deepal V. Somani

Class & division B.com IV Subject Marketing Management  
(Online mode)

Month	Portion to be Covered
April 2021	1) market Segmentation 2) marketing Research
May	3) consumer Behaviour & Consumer Relationship Management
June	4) Advertising & Salesmanship
July	5) Recent Trends in marketing

Extra teaching hours plan to cover the Syllabus within the prescribed period.

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Principal

*[Signature]*  
Principal  
Kai.Rasika Mahavidyalaya, Deoni

IOAC  
Kai.Rasika Mahavidyalaya, Deoni

Teacher's Signature

*[Signature]*





Kai.Rasika Mahavidyalaya, Deoni. Dist. Latur

Teaching Plan

Sem. VI Year 2020-2021.

Teacher's Name Dr. Chopal V. Samani

Class & division B.COM IV Subject Travel & Tourism - II

(Online mode)

Month	Portion to be Covered
April 2021	1] Travel Agency
May	2] Guiding Concept
June	3] Responsibilities of Guides
July	4] Personality Development of Travel Agent, & Tour operator Guide 5] Recent Trends in Tourism Business

Extra teaching hours plan to cover the Syllabus within the prescribed period.

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Principal

*Jainy*  
Kal. Rasika Mahavidyalaya, Deoni

*Samani*  
IQAC COORDINATOR  
Kal.Rasika Mahavidyalaya, Deoni  
Tq. Deoni Dist. Latur

Teacher's Signature

*Chopal*



JSPB's  
**KAL RASIKA MAHAVIDYALAYA, DEONI, DIST. LATUR**  
Teaching Plan – 2020-2021

Name of Teacher : Dr. P. R. More  
Class : B. Sc First Year Semester: I<sup>st</sup>  
Subject : Zoology Paper No: II  
Name of Paper : Biodiversity of Chordates

Month	Portion to be covered
July	<b>Unit - I</b> 1. Introduction of Chordates - Salient features and classification of chordates up to class level. Origin and Ancestry of Chordata 2. Protochordata: 3. Agnatha :
August	<b>Unit- II</b> 1. <b>Pisces</b> : General characters and classification up to order level with suitable examples; Scoliodon (Dogfish): External morphology, Digestive system, Respiratory system, Circulatory System, Nervous system, Urinogenital system. Economic importance of Fishes. 2. <b>Amphibia</b> : General characters and classification up to order level with suitable examples; Parental care in Amphibians; Hibernation and aestivation in Frog.
September	<b>UNIT - III</b> 1. <b>Reptiles</b> : General characters and classification up to order level with suitable examples; Poisonous and non-poisonous snakes; Biting mechanism in snakes; Importance of snake Venom. 2. <b>Aves</b> : General characters and classification up to order level with suitable examples; Flight adaptations in birds; Migration in birds.
October	<b>UNIT - IV II</b> 1. <b>Mammals</b> : General characters and classification up to order level with suitable examples. 2. <b>Rat</b> - External characters, Digestive system, Respiratory system, Circulatory system, Nervous system - Brain and spinal cord, Eye and Ear.

Extra teaching hours plan to cover the syllabus within the prescribed period.

  
Teacher's Signature

  
IQAC-COORDINATOR  
Kal.Rasika Mahavidyalaya, Deoni  
Tq. Deoni Dist. Latur

  
Principal  
Principal  
Kal. Rasika Mahavidyalaya, Deoni  
Tq. Deoni Dist. Latur



JSPB's

**KAL. RASIKA MAHAVIDYALAYA, DEONI, DIST. LATUR**  
**TEACHING PLAN - 2020-2021**

Name of Teacher : Dr. P. R. More

Class : B. Sc First Year

Semester: II

Subject : Zoology

Paper No: III

Name of Paper : Comparative Anatomy of Vertebrates

Month	Portion to be covered
December	UNIT - I 1. General characters, origin and Ancestry of Vertebrates. 2. Integumentary System: Development, General structure and function of integument; Derivatives of integument- Epidermal and Dermal derivatives; 3. Skeletal System- Evolution of visceral arches; Comparative account of Limbs and girdles.
January	UNIT - II 11 1. Digestive System: Brief account of alimentary canal and digestive glands. 2. Respiratory System: Brief account of different respiratory organs in vertebrates- Gills, lungs, skin, air sacs and Accessory respiratory organs.
February	UNIT - III 11 1. Circulatory System: Brief account of Evolution of heart in vertebrates. Modifications of aortic arches in vertebrates; Blood circulation in various vertebrate groups- Single and Double circulation 2. Urinogenital System: Developmental Succession of kidney, Evolution of urinogenital system in vertebrates.
March	UNIT - IV 1. Nervous System: Structure of Neuron; Comparative account of Brain of Vertebrates. 2. Sense Organs - Types of receptors- Mechanoreceptors; Photoreceptors; Phonoreceptors.

Extra teaching hours plan to cover the syllabus within the prescribed period.

  
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Teaching Plan – 202021

Name of Teacher : Dr. P. R. More

Class : B. Sc SY

Subject : Zoology


Name of Paper : PHYSIOLOGY

Semester: III

Paper No: VI

Month	Portion to be covered
July	<b>UNIT -I</b> 1. <b>Digestion:</b> Kinds of digestion-Intracellular and Extracellular Digestion. Physiology of digestion in the alimentary canal. Absorption of Carbohydrates, Proteins, Lipids. 2. <b>Vitamins:</b> Sources and deficiency diseases of Fat soluble and Water soluble vitamins. 3. <b>Respiration:</b> Kinds of Respiration- Direct and Indirect Respiration. Respiratory organs in man. Mechanism of Respiration in man. Transport of O <sub>2</sub> and CO <sub>2</sub>
August	<b>UNIT-II</b> 1. <b>Excretion:</b> Structure of Kidney. Structure of nephron. Mechanism of Urine formation (Ultra-filtration and tubular re-absorption). Counter-current Mechanism. 2. <b>Cardiovascular system:</b> Composition and functions of blood Types of heart in vertebrates: Neurogenic and Myogenic heart. Structure and working of Human Heart. Origin and conduction of the cardiac impulse, Cardiac cycle. E.C.G. and Blood Pressure
September	<b>UNIT-III</b> 1. <b>Nerve Physiology:</b> Structure of generalized neuron Types of neurons Structure of synapse Major Neurotransmitters- Acetylcholine, adrenaline & dopamine. Conduction of nerve impulse 2. <b>Muscle Physiology:</b> Types of muscles- smooth muscles, skeletal muscles and cardiac muscles. Ultra structure of skeletal muscles
October	<b>Unit- IV</b> 1. <b>Reproduction:</b> Histological structure of human testes and ovaries. Physiology of male reproduction: hormonal control of spermatogenesis Physiology of female reproduction: hormonal control of oogenesis, menstrual cycle and pregnancy. 2. <b>Endocrine Glands:</b> Structure, functions and hormonal disorders of - Pituitary gland, Thyroid gland, Adrenal gland, Islet's of Langerhans (Pancreas)

Extra teaching hours plan to cover the syllabus within the prescribed period.

  
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Teaching Plan – 202021

Name of Teacher : Dr. P. R. More

Class : B. Sc. SY

Subject : Zoology

Name of Paper : Cell Biology and Genetics

Semester: IV

Paper No: VIII

Month	Portion to be covered
December	<b>UNIT -I</b> 1. <b>Overview of Cells:</b> Structure of Prokaryotic and Eukaryotic cells. Microscopy for cell study. 2. <b>Cell Organelles:</b> Structure and functions of Cell Organelles- Plasma membrane, Endoplasmic reticulum, Golgi complex, Mitochondria, Ribosomes, Lysosomes and Nucleus. 3. Cell Cycle and its regulation
January	<b>UNIT-II</b> 1. <b>Introduction to Genetics:</b> Mendel's work on transmission of traits, Genetic Variation. 2. <b>Mendelian Genetics and its Extension:</b> Mendel's law of inheritance- Law of Dominance, Law of Segregation, Law of independent Assortment. Interaction of genes and modifying genes- Complementary factor (9:7); Supplementary factor (9:3:4); Inhibitory factor (13:3); Duplicate genes (15:1); Lethal genes (1:2:1)
February	<b>UNIT-III</b> 1. <b>Multiple Alleles and Genes:</b> i) Inheritance of ABO Blood groups in Man. ii) Rh factor and Erythroblastosis foetalis in man. iii) Polygenic characters- skin pigmentation in man. 2. <b>Linkage and Crossing over:</b> i) Linkage- Types and significance ii) Crossing over- a) Mechanism of crossing over, b) Factor affecting crossing over, c) Significance of crossing over. 3. <b>Mutation</b> i) Chromosomal Mutations: Deletion, Duplication, Inversion, Translocation, Aneuploidy and Polyploidy. ii) Gene mutations: Induced versus Spontaneous mutations, Back versus Suppressor mutations.
March	<b>Unit- IV</b> 1. <b>Sex determination</b> i) Chromosomal methods of sex determination. ii) Bridge's ratio theory of genic balance. 2. <b>Sex linked inheritance</b> i) Sex linked inheritance in Drosophila. ii) Sex linked inheritance in man – colourblindness, haemophilia, Hypertrichosis 3. <b>Cytoplasmic Inheritance-</b> Mitochondrial inheritance (in human being) 4. <b>Human Genetics</b> i) Syndromes – Turner, Klinefelter, Down, Cat-Cry, Patau syndrome ii) Inborn errors of metabolism – Phenylketonuria (PKU), Alkaptonuria, Albinism. iii) Human pedigree analysis with symbols.

Extra teaching hours plan to cover the syllabus within the prescribed period.

  
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Teaching Plan - 202021

Name of Teacher : Dr. P. R. More

Class : B. Sc TY

Subject : Zoology

Name of Paper : Pisciculture - XIII-A

Semester: V

Paper No: XIII

Month	Portion to be covered
July	<b>UNIT -I</b> 1. Fish Farm Engineering 1.1 Topography; 1.2 Soil type; 1.3 Water supply; 1.4 Layout of fish farm 2. Fish Farm Management 2.1 Preparation and Management of Nursery pond 2.2 Preparation and Management of Rearing pond 2.3 Preparation and Management of Stocking Pond
August	1. Biology of Indigenous and Exotic carps. 2. Fish seed resources 2.1 Natural resources- Riverine resources 2.2 Artificial resources- Induced breeding by Hypophysation a) Historical back ground b) Technique of Induced breeding c) Bundh breeding d) Chinese hatchery e) Striping method 2.3 Transportation of fish seed and brooders.
September	<b>UNIT-III</b> 1) Carbohydrate metabolism: i) Glycogenesis, Glycogenolysis and Gluconeogenesis ii) Glycolysis iii) Krebs's cycle
October	<b>Unit- IV</b> 1) Protein metabolism : i) Deamination and Transamination ii) Ornithine cycle. 2) Lipid metabolism : i) B-Oxidation ii) Ketosis, Ketogenesis and Ketolysis.

Extra teaching hours plan to cover the syllabus within the prescribed period.

  
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Teaching Plan – 202021

Name of Teacher : Dr. P. R. More

Class : B. Sc. SY

Semester: VI

Subject : Zoology

Paper No: XV (A)

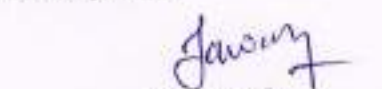
Name of Paper : Title of Paper: Aquaculture

Month	Portion to be covered
December	<b>UNIT -I</b> <b>1. Introduction to Aquaculture</b> i) Definition, Scope and importance of aquaculture ii) Concepts of extensive aquaculture, intensive aquaculture. <b>2. Types of Aquaculture</b> i) Monoculture ii) Polyculture iii) Integrated fish farming – a) Paddy cum fish culture b) Fish-cum pig farming c) Cattle-cum fish farming d) Fish-cum duck farming
January	<b>UNIT-II</b> <b>1. Culture Methods</b> i) Pen culture ii) Cage culture <b>2. Sewage Fed Fish Culture</b> i) Composition of sewage ii) Use of sewage for fish culture iii) Fish species suitable for sewage fed fish culture <b>3. Man Made Hazards and Aquaculture</b> i) Domestic Sewage ii) Agricultural Sewage iii) Industrial Effluents
February	<b>UNIT-III</b> <b>1. Characteristics of Water</b> i) Physical ii) Chemical ii) Biological <b>2. Larvivorous Fishes</b> i) Characteristics of Larvicidal Fishes. ii) Larvicidal Fishes in India- Exotic species; Indigenous Species iii) Role of Larvivorous fishes in relation to Public health <b>3. Aquatic weeds and their control</b> i) Types of weeds ii) Advantages and Disadvantages of weeds iii) Weed Control – Manual, Mechanical, Chemical and Biological
March	<b>Unit- IV</b> <b>1. Culture of Non Fish Organisms</b> 1. Fresh water Prawn Culture 2. Pearl Oyster Culture and Edible Oyster Culture 3. Mussel Culture <b>2. Mariculture</b> i) Introduction ii) Types of Mariculture iii) Fish Species for Mariculture <b>3. Government Participation in Aquaculture</b> ICAR, Ministry of Agriculture, Ministry of Commerce, Ministry of Food Processing Industry.

Extra teaching hours plan to cover the syllabus within the prescribed period.

  
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## Teaching Plan

Sem. III Year 2020.. 2021..

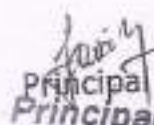
Teacher's Name Dr. Kunal R. A.

Class & division B.Sc. S.Y. Subject Waves & Oscillations

Month	Portion to be Covered
Oct 2020	Unit - I Waves
Nov 2020	Unit - II Stationary waves
Dec 2020	Unit - III Free & forced vibrations
Jan 2020	A Unit IV Acoustics & Ultrasonics.

Extra teaching hours plan to cover the Syllabus within the prescribed period.

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Teaching Plan

Sem. IV Year 2020-2021

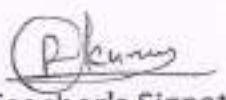
Teacher's Name Dr. Kumaar R.A. — Physics  
Class & division B.Sc. 8-Y. Subject Optics & Lasers

Month	Portion to be Covered
Feb-2021	Unit - I Geometrical optics
March 2021	Unit - II Interference and Diffraction.
April 2021	Unit - III Polarization
May 2021	Unit IV Lasers.

Extra teaching hours plan to cover the Syllabus within the prescribed period.

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## Teaching Plan

Sem. VI Year 2020-2021.

Teacher's Name Dr. K. N. R. P. N. Physics

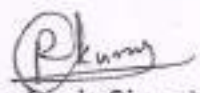
Class & division B.Sc. T.Y. Subject Digital & comm. Ele.

Month	Portion to be Covered
Feb 2021	Unit - I Number system
March 2021	Unit - II Logic gates
April 2021	Unit - III Modulation & demodulation
May 2021	Unit IV Communication Electronics.

Extra teaching hours plan to cover the Syllabus within the prescribed period.

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2020-21



# Kai.Rasika Mahavidyalaya, Deoni. Dist. Latur

## Teaching Plan

Sem. I Year 2020-2021  
 Teacher's Name Dr. Kunal R.A.  
 Class & division B.Sc. P.Y. Subject Mechanics & Prop. of m.

Month	Portion to be Covered
Oct 2020	Unit - I Mechanics
Nov 2020	Unit - II Surface Tension.
Dec 2020	Unit - III Viscosity
Jan 2021	Unit IV - Elasticity.

Extra teaching hours plan to cover the Syllabus within the prescribed period.

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# Kai.Rasika Mahavidyalaya, Deoni. Dist. Latur

## Teaching Plan

Sem. II Year 2020-2021.

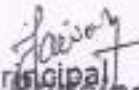
Teacher's Name Dr. Kunal R. A.

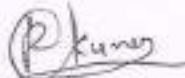
Class & division B.Sc. P.Y. Subject Heat & Thermodynamics

Month	Portion to be Covered
Feb. 2021	Unit - I Thermometry
March 2021	Unit - II Real gases & their behaviour
April 2021	Unit - III Real gases & their behaviour
May 2021	Unit - IV Thermodynamics & Thermodynamic selection

Extra teaching hours plan to cover the Syllabus within the prescribed period.

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Teaching Plan

Sem. V Year 2020.. 2021.

Teacher's Name Dr. Kunal R.A.

Class & division B.Sc. T.Y. Subject Quantum Mechanics.

Month	Portion to be Covered
Oct 2020	Unit - I Particle Properties of Matter.
Nov 2020	Unit - II Schrodinger eq <sup>n</sup> .
Dec 2020	Unit - III Application of Q.m.
Jan 2020	Unit <u>IV</u> Quantum Theory of hydrogen atom

Extra teaching hours plan to cover the Syllabus within the prescribed period.

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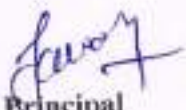
JSPB's  
**KAL. RASIKA MAHAVIDYALAYA, DEONI, DIST. LATUR**  
Teaching Plan – 20 20 - 20 21

Name of Teacher : Dr. Sudarshan Sambhajirao Pedge  
Class : B. Sc First Year Semester: 1<sup>st</sup>  
Subject : Zoology Paper No: 1  
Name of Paper : CCZI- Biodiversity of Invertebrates

Month	Portion to be covered
Nov	<b>Unit - I</b> 1. <b>Introduction of Non-chordates</b> 2. <b>Protozoa:</b> General characters and classification up to class level with suitable examples; Locomotory Organelles and locomotion in Protozoa. Brief account of each of Structure, Life Cycle, Pathogenicity and Control Measures of <i>Plasmodium vivax</i> . 3. <b>Porifera:</b> General characters and classification up to class level with suitable examples; Canal System in <i>Sycon</i> ; Economic importance of Porifera.
Dec	<b>Unit- II</b> 1. <b>Coelenterata:</b> General characters and classification up to class level with suitable examples; Polymorphism in Hydrozoa 2. <b>Platyhelminthes:</b> General characters and classification up to class level with suitable examples; Brief account of each of Structure, Life Cycle, Pathogenicity and Control Measures of <i>Taenia solium</i> . 3. <b>Nemathelminthes:</b> General characters and classification up to class level with suitable examples; Brief account of each of Structure, Life Cycle, Pathogenicity and Control Measures of <i>Ascaris lumbricoides</i>
Jan	<b>UNIT - III</b> 1. <b>Annelida:</b> General characters and classification up to class level with suitable examples; Metamerism in Annelida; vermiculture and vermicomposting. 2. <b>Arthropoda:</b> General characters and classification up to class level with suitable examples; Metamorphosis in Insects. <b>Cockroach-</b> External Morphology, Digestive system, Respiratory system, Nervous system. Economic importance of insects
Feb	<b>UNIT - IV II</b> 1. <b>Mollusca:</b> General characters and classification up to class level with suitable examples; Economic importance of mollusca. 2. <b>Echinodermata:</b> General characters and classification up to class level with suitable examples; Star Fish- External Morphology, Larval forms in Echinoderms. 3. <b>Hemichordata:</b> General Characters and Affinities.

Extra teaching hours plan to cover the syllabus within the prescribed period.

  
Teacher's Signature

  
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Kal. Rasika Mahavidyalaya, Deoni  
Tq. Deoni Dist. Latur



**K. J. SOMAIYA MAHAVIDYALAYA, DEONI, DIST. LATUR**  
**TEACHING PLAN – 20 20 - 20 21**

Name of Teacher : Dr. Sudarshan Sambhajirao Pedge

Class : B. Sc First Year

Semester: II

Subject : Zoology

Paper No: IV

Name of Paper : CCZ-II- Developmental Biology

Month	Portion to be covered
Apr	<b>UNIT – I</b> 1. Introduction of Developmental Biology 2. Early Embryonic Development: Gametogenesis; Spermatogenesis and oogenesis in mammals; vitellogenesis in birds; 3. Types of eggs: a) On the basis of amount of yolk b) On the basis of distribution of yolk
May	<b>UNIT – II II</b> 1. Gametes of Frog: a) Structure of sperm; b) Structure of ovum; 2. Frog Embryology: a) Fertilization; b) Cleavage; c) Blastulation; d) Gastrulation; e) Formation of three germinal layers; 3. Regeneration in chordates.
June	<b>UNIT – III II</b> 1. Chick Embryology: (Extra-embryonic membranes) - Structure and functions of- Amnion; Chorion; Yolk sac; Allantois 2. Placentation in mammals: Classification on the basis of- Origin; Histology; Distribution of villi. Functions of Placenta.
June	<b>UNIT – IV</b> 1. Stem Cell: a) Sources; b) Types – Embryonic, Haemopoitic, Adult, Nervous; c) Role of stem cells in human health. 2. Infertility in Humans-Causes, diagnosis and treatment. 3. Assisted Reproduction Technologies- a) In-Vitro Fertilization (IVF) b) Gamete Intra-Fallopian Transfer (GIFT); c) Intra cytoplasmic Sperm injection (ICSI); d) Zygote, Intrafallopian transfer (ZIFT); e) Intrauterine Insemination (IUI). 4. Parthenogenesis: a) Natural; b) Artificial.

Extra teaching hours plan to cover the syllabus within the prescribed period.

  
 Teacher's Signature

  
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# KAI. RASIKA MAHAVIDYALAYA, DEONI, DIST. LATUR

Teaching Plan – 20 20 - 20 24

Name of Teacher : Dr. Sudarshan Sambhajirao Pedge  
Class : B. Sc Second Year Semester: III  
Subject : Zoology Paper No: VII  
Name of Paper : CCZ-III- Biochemistry

Month	Portion to be covered
Aug	<b>UNIT - I</b> <b>1. Biomolecules:</b> Classification, Structure and Properties of Carbohydrates. Classification, Structure and Properties of Proteins. Classification, Structure and Properties of Lipids.
Sep	<b>UNIT - II</b> Electrochemical properties of Water, pH and Colligative properties <b>Enzymes:</b> Nomenclature and Classification Mechanism of Enzyme Action- E-S Complex Formation, Lock and Key Model, Induced Fit Theory. Factors affecting Enzyme Activity- Temperature, pH, Concentration of Enzyme, Concentration of Substrate.
Oct	<b>UNIT - III</b> <b>Carbohydrate Metabolism:</b> Glycolysis (EMP Pathway) Glycogenesis, Glycogenolysis and Glyconeogenesis Citric Acid Cycle (Krebs Cycle) Pentose Phosphate Pathway (HMP shunt).
Nov	<b>UNIT - IV</b> <b>1. Lipid metabolism :</b> The $\alpha$ -Oxidation (Beta Oxidation) Pathway Ketosis, Ketogenesis and Ketolysis. <b>2. Protein metabolism:</b> Transamination, deamination and decarboxylation reactions of amino acids. Disposal of nitrogenous waste. Krebs-Henseleit Urea Cycle (Ornithine cycle).

Extra teaching hours plan to cover the syllabus within the prescribed period.

  
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Teaching Plan – 20 20 - 20 21

Name of Teacher : Dr. Sudarshan Sambhajirao Pedge  
Class : B. Sc Second Year Semester: IV  
Subject : Zoology Paper No: IX  
Name of Paper : CCZ-IV- Evolutionary Biology and Genetic Engineering

Month	Portion to be covered
JAN	<b>UNIT – I</b> 1. <b>Introduction to theories of Evolution:</b> Lamarckism, Darwinism, Neo-Darwinism, Hugo De Vries theory. 2. <b>Evidences of organic Evolution:</b> i) <b>Morphological and Anatomical evidences:</b> Homologous, analogous and vestigial structures and their evolution. ii) <b>Physiological and Biochemical evidences:</b> examples. iii) <b>Embryological Evidences:</b> examples, Biogenetic Law. iv) <b>Palaeontological Evidences:</b> Distribution of fossils in rocks, dating of rocks and fossils, conclusion drawn from fossil records (brief account). v) <b>Taxonomical evidences:</b> evolution based principles of classification, phylogenetic tree. 3. <b>Processes of Evolutionary Change:</b> Organic variations; Isolating Mechanisms; Natural selection (Example: Industrial melanism); Types of natural selection (Directional, Stabilizing, Disruptive), Artificial selection.
Feb	<b>UNIT – II</b> 1. <b>Species Concept:</b> Biological species concept (Advantages and Limitations); Modes of speciation (Allopatric, Sympatric). 2. <b>Extinction:</b> Mass extinctions in history of earth, Mass extinction- Causes, Role of extinction in evolution. 3. <b>Adaptive radiation-</b> Causes and significance, Adaptive radiation in Darwin's finches. 4. <b>Hardy-Weinberg Principle-</b> Hardy-Weinberg Equilibrium, Factors that upset Hardy-Weinberg Equilibrium
MAR	<b>UNIT – III</b> <b>Nature and functions of genetic materials.</b> i) DNA – Structure, types and functions. ii) RNA – Structure, types and functions. iii) Genetic code 2. <b>Introduction to Genetic Engineering.</b> 3. <b>Recombinant DNA Technology</b> i) Tools: - A) Enzymes: - a) Lysing b) Ligases c) Nucleases (Exonucleases, Endonucleases, Restriction Endonucleases) d) Synthetases (DNA polymerase, Reverse transcriptase). B) Vectors: - Cloning vectors (Plasmid -psBR322, Bacteriophage-Lambda phage, Virus-SV40, Cosmid vectors).
APR.	<b>UNIT – IV</b> 1. <b>Techniques:</b> i) Gel-Electrophoresis ii) PCR (Polymerase Chain Reaction) iii) Southern, Northern and Western Blotting. 2. Construction of rDNA 3. c-DNA libraries and Genomic libraries 4. Transgenesis and Transgenic animals (Transgenic cattle, sheep, pig and fish) 5. Cloning and cloned animals (Dolly sheep). 6. DNA fingerprinting.

Extra teaching hours plan to cover the syllabus within the prescribed period.

  
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Tq. Deoni Dist. Latur



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**KAL RASIKA MAHAVIDYALAYA, DEONI, DIST. LATUR**  
Teaching Plan – 20 20 - 20 21

Name of Teacher : Dr. Sudarshan Sambhajirao Pedge  
Class : B. Sc Third Year Semester: V  
Subject : Zoology Paper No: XII  
Name of Paper : DSEZ-I- Ecology & Zoo-geography

Month	Portion to be covered
Aug	UNIT – I 1. Ecology- Introduction and scope of ecology 2. Introduction to Ecosystem 3. Bio-geochemical Cycles 4. Spheres of Earth
Sep	UNIT – II 1. Population Ecology 2. Biotic interactions.
Oct	UNIT – III 1. Pollution – Sources, Effects and Control 2. Energy Resources.
Nov	UNIT – IV 1. Adaptations 2. Wildlife Conservation and Endangered Species. 3. Zoogeographical Realms

Extra teaching hours plan to cover the syllabus within the prescribed period.

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Teaching Plan – 20 20 - 20 21

Name of Teacher : Dr. Sudarshan Sambhajirao Pedge  
Class : B. Sc Third Year Semester: VI  
Subject : Zoology Paper No: XIV  
Name of Paper : Ethology, Biometry and Bioinformatics

Month	Portion to be covered
Jan	<b>UNIT – I Ethology</b> <b>1. Classification of Animal Behavior-</b> 1.1. Inborn or stereotyped animal behavior – 1.2. Acquired animal behavior 1.3 Social Behaviour in Insects –Honeybee.
Feb	<b>UNIT – II Ethology</b> <b>1. Communication in animals</b> 1.1 Auditory Communication 1.2 Chemical Communication 1.3 Visual Communication 1.4 Tactile Communication <b>2. Mimicry and Colouration</b> 2.1 Types of Mimicry- 2.2 Types of Colouration-
Mar	<b>UNIT – III Biometry</b> <b>1. Collection and Classification of Data</b> 1.1 Methods of collection of data 1.2 Types of classification of data - <b>2. Measures of Central Tendency</b> Arithmetic Mean, Median and Mode <b>3. Graphic Representation of Data</b> 3.1. Histogram 3.2 Pie Diagram 3.3 Polygon Frequency Curve
Apr	<b>UNIT – IV Bioinformatics</b> 1.1 Computer and their Applications in Biology 1.2 Internet and its Uses 1.3 World Wide Web 1.4 Search Engines 1.5 Broad Applications of Bioinformatics 1.6 Introduction to Biological Database- a) NCBI, b) Pub Med

Extra teaching hours plan to cover the syllabus within the prescribed period.

  
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Kai.Rasika Mahavidyalaya, Deoni. Dist.Latur



Teaching Plan

Sem. I Year 2020-2021 (online)

Teacher's Name Dr. V. S. More

Class & division B.Sc. F.Y. Subject Physical + Inorg. Chemistry

Month	Portion to be Covered
July 2020	Unit-I - mathematical concept and SI units Unit-II. surface chemistry
Aug. 2020	Unit-II. surface chemistry Unit-III. Gaseous state Unit-IV. s-block element
Sept 2020	Unit-IV. solid state Unit-V. s-block element
Oct 2020	Unit. V. solid state Unit Test
	Semester End University Exam

Extra teaching hours plan to cover the Syllabus within the prescribed period.

s-block element

Jawar  
Principal  
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[Signature]  
IQAC-COORDINATOR  
Kai.Rasika Mahavidyalaya

[Signature]  
Teacher's Signature



Kai.Rasika Mahavidyalaya, Deoni. Dist.Latur

Teaching Plan

Sem. II Year 2020-2021 (online)


Teacher's Name Dr. V.S. More

Class & division B.Sc. F.Y. Subject Physical + Inorg. Chemistry

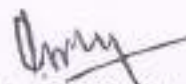
Month	Portion to be Covered
Dec. 2019	Unit - I Atomic structure
Jan. 2020	Unit - II, Liquid State Unit - III, Colloidal state
Feb. 2020	Unit - IV, Catalysis Unit - V, Chemical Bonding - I
March 2020	Unit - VI, Chemical Bonding - II Unit Test

Extra teaching hours plan to cover the Syllabus within the prescribed period.

Chemical Bonding - I and II

  
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Teacher's Signature



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Teaching Plan

Sem. III<sup>rd</sup> Year 2020-2021 (online)

Teacher's Name Dr. V.S. More

Class & division B.Sc. S.Y. Subject Org. + Inorganic Chemistry

Month	Portion to be Covered
JULY 2020	Unit-I. Name Reaction of Aldehydes and ketones with mechanism Unit-II. Aromatic Carboxylic & Sulphonic acids
AUG 2020	Unit-II. Aromatic Carboxylic & Sulphonic acids Unit-III. Introduction to organometallic compounds
SEPT. 2020	Unit-IV. oils, Fats, Soaps & Detergents Unit-V. Theory of Qualitative Analysis
OCT. 2020	Unit-VI. Non-aqueous solvents. Unit Test
NOV/ DEC.	Semester End University Exam

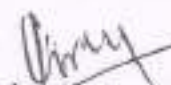
Extra teaching hours plan to cover the Syllabus within the prescribed period.

Theory of Qualitative Analysis

Non-aqueous solvents

  
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Teacher's Signature



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Teaching Plan

Sem. IV<sup>th</sup> Year 2020-2021

Teacher's Name Dr. V. S. More

Class & division B.Sc. S.Y. Subject Org. + Inorg. Chemistry

Month	Portion to be Covered
<u>Dec.</u> <u>2020</u>	<u>Unit-I. Stereochemistry</u> <u>Unit-II. Carbohydrates</u>
<u>Jan.</u> <u>2021</u>	<u>Unit-II. Carbohydrates</u> <u>Unit-III. Nitrogen containing organic compounds</u>
<u>Feb.</u> <u>2021</u>	<u>Unit-IV. Application of Reagents in organic synthesis</u> <u>Unit-V. A) Chemistry of d-block elements</u>
<u>March</u> <u>2021</u>	<u>B) Chemistry of f-block elements</u> <u>Unit Test</u>
<u>April/</u> <u>May</u>	<u>University Exam</u>

Extra teaching hours plan to cover the Syllabus within the prescribed period.

Chemistry of d-block elements

Chemistry of f-block elements

January  
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Shyam  
IQAC-COORDINATOR  
Kai. Rasika Mahavidyalaya, Deoni  
Ta. Deoni Dist. Latur

More  
Teacher's Signature



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Teaching Plan

Sem. V<sup>th</sup> Year 2020-2021

Teacher's Name Dr. V. S. More

Class & division B.Sc. T.Y. Subject Organic + Inorg. Chem.

Month	Portion to be Covered
July 2020	Unit-I. Heterocyclic compounds I) furan II) pyrrole III) thiophene Unit-II. Six membered Heterocyclic pyridine
Aug- 2020	Unit-III. Synthetic drugs & dyes Unit-IV. Alkaloids, vitamins & pesticides
Sept- 2020	Unit-V. Co-ordination chemistry (Part-I) Unit-VI. The chemistry of elements in medicine
Oct- 2020	Unit-VI. The chemistry of elements in medicine Unit Test
	Semester End University Exam

Extra teaching hours plan to cover the Syllabus within the prescribed period.

Co-ordination chemistry (Part-I)

The chemistry of elements in medicine

  
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HEAD OF DEPARTMENT  
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Tq. Deoni Dist. Latur

  
Teacher's Signature





Kai.Rasika Mahavidyalaya, Deoni. Dist.Latur



Teaching Plan

Sem. V<sup>th</sup> Year 2020-2021. (online)

Teacher's Name Dr. V.S. More

Class & division B.Sc. P.Y. Subject org. + Inorganic chemistry

Month	Portion to be Covered
Dec 2020	Unit-I. Spectroscopic methods Unit-II. NMR-Spectroscopy
Jan. 2021	Unit-III. Synthetic Polymer Unit-IV. Molecular Rearrangement
Feb 2021	Unit-IV. Molecular Rearrangement Unit-V. Coordination theory (Part-II)
March 2021	Unit-VI. Electronic spectra of Transition metal complexes Unit VII
April/ May	Semester End University Exam

Extra teaching hours plan to cover the Syllabus within the prescribed period.

Coordination theory (Part-II)

Electronic Spectra of Transition metal complexes

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Tq. Deoni Dist. Latur

Teacher's Signature

# Kai. Rasika Mahavidyalaya, Deoni. Dist. Latur

## Department of Mathematics

Teaching Plan

Sem: I Year 2020-21

Teacher's Name: **Dr. Yogesh Manohar Muley**

Class: B.Sc. F.Y.

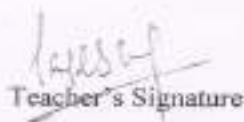
Subject: **Differential Calculus**

Months	Portion to be Covered
Aug	Unit – I Differentiation
Sept	Unit – II Expansion of functions, Tangents and Normals
Oct	Unit – III Mean Value Theorems
Dec	Unit – IV Partial Differentials

Extra teaching hours plan to cover the syllabus within the prescribed period

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Teacher's Signature

  
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# Kai. Rasika Mahavidyalaya, Deoni. Dist. Latur

## Department of Mathematics

### Teaching Plan

Sem: III Year 2020-21

Teacher's Name: **Dr. Yogesh Manohar Muley**

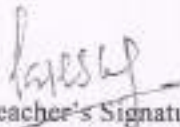
Class: B.Sc. S.Y.

Subject: **Ordinary Differential Equations (VIII)**

Months	Portion to be Covered
March	Unit – I Formation of a Differential Equations
April	Unit – II Rules for finding Integrating factors
May	Unit – III Linear equations with constant coefficients
Jun	Unit – IV Short method of finding the particular integrals in certain case, Linear Equations with variable coefficients

Extra teaching hours plan to cover the syllabus within the prescribed period

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Teacher's Signature

  
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DEONI Dist.Latur

# Kai. Rasika Mahavidyalaya, Deoni. Dist. Latur

## Department of Mathematics

Teaching Plan

Sem: V Year 2020-21

Teacher's Name: **Dr. Yogesh Manohar Muley**


Class: B.Sc. T.Y.

Subject: Metric Spaces (XII)

Months	Portion to be Covered
March	Unit - I Metric Space
April	Unit - II Convergence and Completeness
May	Unit - III Compactness
Jun	Unit - IV Connectedness

Extra teaching hours plan to cover the syllabus within the prescribed period

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Teacher's Signature

  
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**KAL. RASIKA MAHAVIDYALAYA, DEONI, DIST. LATUR**

**TEACHING PLAN – 2020 – 2021**


**First Term**

Name of Teacher : Mr. B. P. Ankush  
Class : B.Sc. First Year (First Semester)  
Subject : CHEMISTRY Paper No: 1  
Name of Paper : Organic and Inorganic Chemistry


Month	Portion to be covered
November	Unit-I: Nomenclature of Organic Compounds
December	Unit-II: Basic Concepts in Organic Chemistry Unit-III: Alkanes Alkenes and alkynes
January	Unit-III: Alkanes Alkenes and alkynes Unit-IV: 4. Cycloalkanes, Cycloalkenes and Dienes
February	Unit- V: 1 Periodic Table and Periodic Properties Unit- VI: Noble Gas Chemistry
March	University Examination

**Extra teaching hours plan to cover the syllabus within the prescribed period:**

- February: Portion of Unit- VI: Noble Gas Chemistry

  
Teacher's Signature

  
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Principal  
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Tq. Deoni Dist. Latur



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**KAI. RASIKA MAHAVIDYALAYA, DEONI, DIST. LATUR**

**TEACHING PLAN – 2020 - 2021**

Name of Teacher : Mr. B. P. Ankush  
Class : B.Sc. Second Year (Third Semester)  
Subject : CHEMISTRY Paper No: VII  
Name of Paper : Physical and Inorganic Chemistry

Month	Portion to be covered
November	Unit :- I: Atomic Structure and Wave Mechanics
December	Unit :- II: Thermodynamics Unit:- III: Concept-of-entropy
January	Unit:- IV: Phase equilibrium Unit:- V: [A] Nuclear Chemistry
February	Unit:- V: [A] Nuclear Chemistry [B] Theory of Gravimetric Analysis
March	University Examination

**Extra teaching hours plan to cover the syllabus within the prescribed period:**

- February: Portion of Theory of Gravimetric Analysis

  
Teacher's Signature

  
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**KAL. RASIKA MAHAVIDYALAYA, DEONI, DIST. LATUR**

**TEACHING PLAN – 2020 – 2021**

**First Term**

Name of Teacher : Mr. B. P. Ankush  
Class : B.Sc. Third Year (Fifth Semester)  
Subject : CHEMISTRY Paper No: XIII  
Name of Paper : Physical and Inorganic Chemistry

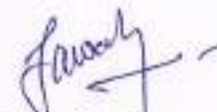
Month	Portion to be covered
November	Unit –I: Spectroscopy-I
December	Unit –II: Spectroscopy-II Unit- III: Chemical Kinetics
January	Unit –IV: Distribution Law Unit- V: Organometallic Compounds
February	Unit- V: Organometallic Compounds Unit -VI: Metal Carbonyls 06 Period
March	University Examination

**Extra teaching hours plan to cover the syllabus within the prescribed period:**

- February: Portion of Metal Carbonyls

Teacher's Signature

  
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**Principal**  
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Tq. Deoni Dist. Latur

2020-21



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**Kai. Rasika Mahavidyalaya, Deoni**

(Commerce, Science &amp; Information Technology College)

**Syllabus Completion Report****Winter-2020**Name of the Teacher: Mr. B. P. AntushFaculty/Department: CHEMISTRYSubject: chemistryDate: 01-03-2020

Sr. No	Class	Semester	Paper No.	Paper's Name
1.	B.sc.FY	I	I	organic & Inorg. chem.
2.	B.sc.SY	III	VII	physical & Inorg. chem.
3.	B.sc.TY	V	XIII	Physical & Inorg. chem.

I have completed Syllabus of the above stated subject.

Teacher Sign

HOD Sign  
Head

Dept. of Chemistry  
K.R.M Deoni, Tq Deoni Dist, Latur

Principal Sign  
Principal

Kai. Rasika Mahavidyalaya, Deoni  
Tq. Deoni Dist. Latur





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**KAL. RASIKA MAHAVIDYALAYA, DEONI, DIST. LATUR**

**TEACHING PLAN – 2020 – 2021**

**Second Term**

Name of Teacher : Mr. B. P. Ankush

Class : B.Sc. First Year (Second Semester)

Subject : CHEMISTRY Paper No: III

Name of Paper : Organic and Inorganic Chemistry

Month	Portion to be covered
December	Unit-I : Aromatic Hydrocarbons and Aromaticity
January	Unit-II: 1. Phenols 2: Haloalkenes and Haloarenes
February	Unit-III : Carboxylic acid derivatives Unit- IV: Alcohols and epoxides
March	Unit IV : Study of P-block elements Unit-V : Acids and Bases
April	University Examination

**Extra teaching hours plan to cover the syllabus within the prescribed period:**

- March: Portion of Unit-V : Acids and Bases

  
Teacher's Signature

  
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Kal.Rasika Mahavidyalaya, Deoni  
Tq.Deoni, Dist.Latur

  
Principal  
Kal. Rasika Mahavidyalaya, Deoni  
Tq. Deoni Dist. Latur

2020-21



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**Kai. Rasika Mahavidyalaya, Deoni**  
(Commerce, Science & Information Technology College)

**Syllabus Completion Report**  
Summer-2021

Name of the Teacher: Mr. B.P. Ankush

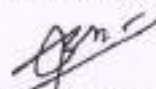
Faculty/Department: CHEMISTRY

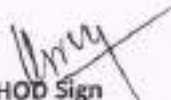
Subject: Chemistry

Date: 08-05-2021

Sr. No	Class	Semester	Paper No.	Paper's Name
1.	B.sc. FY	II	III	organic & Inorganic chem.
2.	B.sc. SY	IV	IX	physical & Inorg. chem.
3.	B.sc. TY	VI	XV	physical & Inorg. chem.

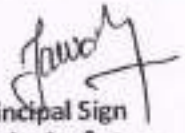
I have completed Syllabus of the above stated subject.

  
Teacher Sign

  
HOD Sign

**Head**

Dept. of Chemistry  
K.R.M Deoni, Deoni Dist, Latur

  
Principal Sign

**Principal**

Kai. Rasika Mahavidyalaya, Deoni  
Tq. Deoni Dist. Latur



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**KAI. RASIKA MAHAVIDYALAYA, DEONI, DIST. LATUR**

**TEACHING PLAN – 2020 – 2021**

**Second Term**


Name of Teacher : Mr. B. P. Ankush  
Class : B.Sc. Second Year (Fourth Semester)  
Subject : CHEMISTRY Paper No: IX  
Name of Paper : Physical and Inorganic Chemistry

Month	Portion to be covered
December	Unit-I: Chemical-Kinetics
January	Unit-II: Electrochemistry Unit-III: Electrochemistry-II
February	Unit-IV: Photochemistry Unit-V: [A] Chemistry of Non-transition elements
March	Unit-V: [B] Chemistry of Halogen compounds
April	University Examination

**Extra teaching hours plan to cover the syllabus within the prescribed period:**

- March: Portion of Chemistry of Halogen compounds

Teacher's Signature

  
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Principal  
Principal  
Kai. Rasika Mahavidyalaya, Deoni  
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**KAL. RASIKA MAHAVIDYALAYA, DEONI, DIST. LATUR**

**TEACHING PLAN – 2020 – 2021**

**Second Term**

Name of Teacher : Mr. B. P. Ankush  
Class : B.Sc. Third Year (Sixth Semester)  
Subject : CHEMISTRY Paper No: XV  
Name of Paper : Physical and Inorganic Chemistry

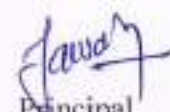
Month	Portion to be covered
December	Unit –I Electrochemistry
January	Unit II : Thermodynamics-I Unit-III: Thermodynamics II
February	Unit-IV: Colligative Properties Unit -V: Bioinorganic Chemistry
March	Unit -VI: Metal cluster
April	University Examination

**Extra teaching hours plan to cover the syllabus within the prescribed period:**

- March: Portion of Metal cluster

Teacher's Signature

  
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## Department of Mathematics

### Teaching Plan

Sem: V<sup>th</sup> Year 2020-21

Teacher's Name: **Dr. Yogesh Manohar Muley**

Class: B.Sc. T.Y.

Subject: Numerical Analysis

Months	Portion to be Covered
Aug	Unit – I Finite Differences and Interpolation
Sept	Unit – II Interpolation with unequal intervals
Oct	Unit – III Central Differences and Numerical Differentiation
Dec	Unit – IV Applications

Extra teaching hours plan to cover the syllabus within the prescribed period

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Teacher's Signature

  
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## Department of Mathematics

### Teaching Plan

Sem: II Year 2020-21

Teacher's Name: **Dr. Yogesh Manohar Muley**

Class: B.Sc. F.Y.

Subject: **Integral Calculus (II)**

Months	Portion to be Covered
March	Unit – I Integration of Algebraic Rational Functions
April	Unit – II Integration of Irrational Algebraic Functions
May	Unit – III Integration of Transcendental Functions
Jun	Unit – IV Beta, Gamma Functions and Multiple Integrals

Extra teaching hours plan to cover the syllabus within the prescribed period

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DEONI Dist. Latur

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## Department of Mathematics

Teaching Plan

Sem: IV Year 2020-21

Teacher's Name: **Dr. Yogesh Manohar Muley**

Class: B.Sc. S.Y.

Subject: **Partial Differential Equations (XI)**

Months	Portion to be Covered
Aug	Unit - I Partial Differential Equations
Sept	Unit - II Partial Differential Equations non-linear in p and q
Oct	Unit - III Non-homogeneous linear equations
Dec	Unit - IV Application on heat flow, Laplace equations, Transmission line equations

Extra teaching hours plan to cover the syllabus within the prescribed period

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DEONI Dist. Latur

# Kai. Rasika Mahavidyalaya, Deoni. Dist. Latur

## Department of Mathematics

Teaching Plan

Sem: VI Year 2020-21

Teacher's Name: Dr. Yogesh Manohar Muley

Class: B.Sc. T.Y.

Subject: Integral Transforms (XVI)

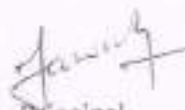
Months	Portion to be Covered
Aug	Unit - I Laplace Transforms
Sept	Unit - II Inverse Laplace Transforms
Oct	Unit - III Solutions of Differential Equations and Integral Transforms
Dec	Unit - IV Fourier Transforms

Extra teaching hours plan to cover the syllabus within the prescribed period

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Teacher's Signature

  
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**Principal**  
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DEONI Dist. Latur



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## Department of Mathematics

### Teaching Plan

Sem: VI Year 2020-21

Teacher's Name: **Dr. Yogesh Manohar Muley**

Class: B.Sc. T.Y.

Subject: Complex Analysis

Months	Portion to be Covered
March	Unit - I Complex Numbers and Analytic Functions
April	Unit - II Elementary functions
May	Unit - III Integrals
Jun	Unit - IV Integrals and Series

Extra teaching hours plan to cover the syllabus within the prescribed period

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Teacher's Signature

  
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Principal  
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Teaching Plan  
Sem I & II Year 2020- 2021

Teacher's Name Mr. Tenkale Mahadev Nagnath  
Class & division B.Sc/B.Com F.Y

Subject: Compulsory English

Month	Period to be covered
August	I have three Visions for India, Learning from the west, A Living God
September	Search for a Stranger, my Mistress eyes are nothing like the sun, Bright Star, Would I were Steadfast as thou Art
Oct/Nov	Language Learning, Communication Skills Emails, job Applications
Nov/Dec	Semester End
January	The Annihilation of Caste, On the Rule of the Road
February	An Astrologer's day The kid, This Dog,
March	A poison Tree Language Learning
April	Report Writing, Composing News Items

*Q. 1/2*

*Sanjay*  
Principal  
Kai. Rasika Mahavidyalaya, Deoni  
Tq. Deoni Dist. Latur



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Kal. Rasika Mahavidyalaya, Deoni, Dist. Latur  
Teaching Plan  
Sem III & IV Year 2020-2021

Teacher's Name Mr. Tenkale Mahadev Nagnath  
Class & division B.Sc/B.Com F.Y

Subject: Compulsory English

Month	Period to be covered
August	The Model Millionaire, The Lost Child, The Gift Of India
September	Desiderata, At School, The Flying Sikh
Oct/Nov	Direct-indirect Narration, Writing for Print Media
Nov/Dec	Semester End
January	The Remorseful Sinner, The Sniper
February	Love, Courage, to youth
March	The Quest for Happiness
April	Active Voice and Passive voice

*Mr. Tenkale*

*Principal*  
Principal  
Kal. Rasika Mahavidyalaya, Deoni  
Tq. Deoni Dist. Latur



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**KAI, RASIKA MAHAVIDYALAYA, DEONI, DIST. LATUR**  
Teaching Plan – 20 19 - 20 20

Name of Teacher : Dr. Sudarshan Sambhajirao Pedge  
Class : B. Sc First Year Semester: 1<sup>st</sup>  
Subject : Zoology Paper No: 1  
Name of Paper : CCZI- Biodiversity of Invertebrates

Month	Portion to be covered
JULY	<b>Unit - I</b> 1. <b>Introduction of Non-chordates</b> 2. <b>Protozoa:</b> General characters and classification up to class level with suitable examples; Locomotory Organelles and locomotion in Protozoa. Brief account of each of Structure, Life Cycle, Pathogenicity and Control Measures of <i>Plasmodium vivax</i> . 3. <b>Porifera:</b> -General characters and classification up to class level with suitable examples; Canal System in <i>Sycon</i> ; Economic importance of Porifera.
AUGUST	<b>Unit- II</b> 1. <b>Coelenterata:</b> General characters and classification up to class level with suitable examples; Polymorphism in Hydrozoa 2. <b>Platyhelminthes:</b> General characters and classification up to class level with suitable examples; Brief account of each of Structure, Life Cycle, Pathogenicity and Control Measures of <i>Taenia solium</i> . 3. <b>Nemathelminthes:</b> General characters and classification up to class level with suitable examples; Brief account of each of Structure, Life Cycle, Pathogenicity and Control Measures of <i>Ascaris lumbricoides</i> .
SEPTEMBER	<b>UNIT – III</b> 1. <b>Annelida:</b> General characters and classification up to class level with suitable examples; Metamerism in Annelida; vermiculture and vermicomposting. 2. <b>Arthropoda:</b> General characters and classification up to class level with suitable examples; Metamorphosis in Insects. <b>Cockroach-</b> External Morphology, Digestive system, Respiratory system, Nervous system. Economic importance of insects
OCTOBER	<b>UNIT – IV II</b> 1. <b>Mollusca:</b> General characters and classification up to class level with suitable examples; Economic importance of mollusca. 2. <b>Echinodermata:</b> General characters and classification up to class level with suitable examples; Star Fish- External Morphology, Larval forms in Echinoderms. 3. <b>Hemichordata:</b> General Characters and Affinities.

Extra teaching hours plan to cover the syllabus within the prescribed period.

  
Teacher's Signature

  
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Tq. Deoni Dist. Latur



**KAL. RASIKA MAHAVIDYALAYA, DEONI, DIST. LATUR**  
**TEACHING PLAN – 20 19 - 20 20**

Name of Teacher : Dr. Sudarshan Sambhajirao Pedge  
 Class : B. Sc First Year Semester: II  
 Subject : Zoology Paper No: IV  
 Name of Paper : CCZ-II- Developmental Biology

Month	Portion to be covered
DECEMBER	<b>UNIT – I</b> 1. Introduction of Developmental Biology 2. Early Embryonic Development: Gametogenesis: Spermatogenesis and oogenesis in mammals; vitellogenesis in birds; 3. Types of eggs: a) On the basis of amount of yolk b) On the basis of distribution of yolk
JANUARY	<b>UNIT – II 11</b> 1. Gametes of Frog: a) Structure of sperm; b) Structure of ovum; 2. Frog Embryology: a) Fertilization; b) Cleavage; c) Blastulation; d) Gastrulation; e) Formation of three germinal layers; 3. Regeneration in chordates.
FEBRUARY	<b>UNIT – III 11</b> 1. Chick Embryology: (Extra-embryonic membranes) - Structure and functions of- Amnion; Chorion; Yolk sac; Allantois 2. Placentation in mammals: Classification on the basis of- Origin; Histology; Distribution of villi. Functions of Placenta.
MARCH	<b>UNIT – IV</b> 1. Stem Cell: a) Sources; b) Types – Embryonic, Haemopoietic, Adult, Nervous; c) Role of stem cells in human health. 2. Infertility in Humans-Causes, diagnosis and treatment. 3. Assisted Reproduction Technologies- a) In-Vitro Fertilization (IVF) b) Gamete Intra-Fallopian Transfer (GIFT); c) Intra cytoplasmic Sperm injection (ICSI); d) Zygote, Intrafallopian transfer (ZIFT); e) Intrauterine Insemination (IUI). 4. Parthenogenesis: a) Natural; b) Artificial.

Extra teaching hours plan to cover the syllabus within the prescribed period.

  
 Teacher's Signature

  
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**KAL. RASIKA MAHAVIDYALAYA, DEONI, DIST. LATUR**  
Teaching Plan – 20 19 - 20 20

Name of Teacher : Dr. Sudarshan Sambhajirao Pedge  
Class : B. Sc Second Year Semester: III  
Subject : Zoology Paper No: VI  
Name of Paper : CCZ-III Genetics

Month	Portion to be covered
JULY	Unit-I 1). Introduction of Genetics 2). Mendelism 3). Interaction of Genes
AUGUST	Unit II 1. Multiple Alleles and Genes 2. Linkage and Crossing over
SEPTEMBER	Unit – III 1. Sex Determination 2. Sex linked inheritance 3. Cytoplasmic Inheritance 4. Mutation
OCTOBER	Unit-IV 1. Human Genetics 2. Nature and functions of genetic materials

Extra teaching hours plan to cover the syllabus within the prescribed period.

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Teaching Plan – 20 19 - 20 20

Name of Teacher : Dr. Sudarshan Sambhajirao Pedge  
Class : B. Sc Second Year Semester: IV  
Subject : Zoology Paper No: VIII  
Name of Paper : CCZ-IV- Genetic Engineering and Evolution

Month	Portion to be covered
December	<b>Unit-I</b> 1). Introduction of Genetic Engineering 2). Recombinant DNA Technology 3). Techniques
January	<b>Unit II</b> 1. Construction of rDNA 2. c-DNA and Genomic Libraries 3. Transgenesis and Transgenic animals (Dolly Sheep) 4. DNA Fingerprinting
February	<b>Unit – III</b> 1. Concept of evolution Theory 2. Theories of Organic Evolution
March	<b>Unit-IV</b> 1. Evidence of organic evolution 2. Adaptations 3. Hardy-Weinberg's law

Extra teaching hours plan to cover the syllabus within the prescribed period.

  
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**KAI. RASIKA MAHAVIDYALAYA, DEONI, DIST. LATUR**  
Teaching Plan – 20 19 - 20 20

Name of Teacher : Dr. Sudarshan Sambhajirao Pedge  
Class : B. Sc Third Year Semester: V  
Subject : Zoology Paper No: XII  
Name of Paper : DSEZ-I- Ecology & Zoo-geography

Month	Portion to be covered
JULY	UNIT – I 1. Ecology- Introduction and scope of ecology 2. Introduction to Ecosystem 3. Bio-geochemical Cycles 4. Spheres of Earth
AUGUST	UNIT – II 1. Population Ecology 2. Biotic interactions.
SEPTEMBER	UNIT – III 1. Pollution – Sources, Effects and Control 2. Energy Resources.
OCTOBER	UNIT – IV 1. Adaptations 2. Wildlife Conservation and Endangered Species. 3. Zoogeographical Realms

Extra teaching hours plan to cover the syllabus within the prescribed period.

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Teaching Plan – 20 19 - 20 20

Name of Teacher : Dr. Sudarshan Sambhajirao Pedge  
Class : B. Sc Third Year Semester: VI  
Subject : Zoology Paper No: XIV  
Name of Paper : Ethology, Biometry and Bioinformatics (DSEZ-II)

Month	Portion to be covered
Dec	<b>UNIT – I Ethology</b> <b>1. Classification of Animal Behaviour-</b> 1.1. Inborn or stereotyped animal behaviour – 1.2. Acquired animal behaviour 1.3 Social Behaviour in Insects –Honeybee.
Jan	<b>UNIT – II Ethology</b> <b>1. Communication in animals</b> 1.1 Auditory Communication 1.2 Chemical Communication 1.3 Visual Communication 1.4 Tactile Communication <b>2. Mimicry and Colouration</b> 2.1 Types of Mimicry- 2.2 Types of Colouration-
Feb	<b>UNIT – III Biometry</b> <b>1. Collection and Classification of Data</b> 1.1 Methods of collection of data 1.2 Types of classification of data - <b>2. Measures of Central Tendency</b> Arithmetic Mean, Median and Mode <b>3. Graphic Representation of Data</b> 3.1. Histogram 3.2 Pie Diagram 3.3 Polygon Frequency Curve
March	<b>UNIT – IV Bioinformatics</b> 1.1 Computer and their Applications in Biology 1.2 Internet and its Uses 1.3 World Wide Web 1.4 Search Engines 1.5 Broad Applications of Bioinformatics 1.6 Introduction to Biological Database- a) NCBI, b) Pub Med

Extra teaching hours plan to cover the syllabus within the prescribed period.

  
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# Janseva Sevabhavi Prathisthan Bhopni's

Kai. Rasika Mahavidyalaya Deoni,

Annual Teaching Plan - Academic Year 2019-20

Class: B. Sc. F.Y SEM: (I and II) Subject: Physics

Paper: Mechanics and Properties of Matter (I), Heat and Thermodynamics(III)

Month	Topic and Sub-topic
June	<b>Unit-I Mechanics</b> Laws of Mechanics (Newton's Laws of Motion), Newton's Law of Gravitation
July	Keplar's Law of Planetary Motion, Gravitational Field, Gravitational Intensity, Gravitational Potential, Gravitational Potential energy, Conservation Law, Work, Power, Kinetic Energy ( Work Energy Theorem), Conservation of energy for a particle energy function, Motion of a body near the surface of earth, Types of conservative and non- conservative forces <b>Unit-II Surface Tension</b> Molecular Forces, Surface Tension & its explanation, Pressure difference across a curved surface, Expression for Excess Pressure inside a Spherical Drop and spherical Soap Bubble, Surface Tension by Jaeger's Method, Surface Tension by Ferguson Method.
August	<b>Unit- III Viscosity</b> Introduction, Coefficient of Viscosity, Streamline flow, critical velocity, Reynolds Number & its significance, Bernoullies Theorem, Poiseuille's equation for the flow of liquid through a tube, Experimental determination of coefficient viscosity by Poiseuille's Method.
September	<b>Unit- IV Elasticity</b> Introduction, Hooke's Law, Elastic Constants ( $Y$ , $K$ & $\eta$ ), Poisson's Ratio, Twisting couple on a cylinder or a (wire), Torsional pendulum ,Bending of Beam, Bending Moment, Cantilever (Weight of the beam is ineffective, Weight of the beam is effective), Depression of a Beam supported at the ends and loaded at the Centre, Determination of $Y$ by bending of beam.
October	<b>University Exam</b>
November	Diwali Holiday
December	<b>Unit-I Thermometry</b> Types of Thermometers, Centigrade and Fahrenheit scale, relation between Celsius, Kelvin, Fahrenheit & Rankine scales, Platinum resistance thermometer, Seebeck effect..
January	<b>Unit- II Real Gases and their behaviour</b> Behavior of gases at high pressure, Boyle temperature, Andrew's Experiment on CO <sub>2</sub> , Amagat's Experiment, Vander wall's Equation of State, Critical Constants, Corresponding states, Coefficients of Vander wall's Equation, Reduced Equation of State, Joule Thomson Porous Plug Experiment, Temperature of Inversion, Relation between Boyle temperature and Temperature of Inversion
February	<b>Unit-III Transport phenomenon in gases</b> Molecular Collisions, Mean free path, Expression for mean free path, Transport Phenomena, Viscosity of Gases, Thermal Conductivity of Gases, Diffusion, Inter relation between three transport coefficients..
March	<b>Unit-IV Thermodynamic and Thermodynamic Relations</b> First Law of Thermodynamics, Relation connecting P, V and T in an Adiabatic Process, Second Law of Thermodynamics (Kelvin and Clausius statements), Carnot's cycle, Carnot's heat Engine, Carnot's Theorem, Entropy, Entropy of Irreversible processes entropy of reversible process, Third Law of Thermodynamics, Internal energy, Helmholtz' function, Enthalpy, Gibb's function, Maxwell's Thermodynamical Relations, T- dS equations, Clausius-Clapeyron latent heat equations.
April	<b>University Exam</b>

  
Head of Department

  
Principal  
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**Janseva Sevabhavi Prathisthan Bhopni's  
Kai. Rasika Mahavidyalaya Deoni,**

Annual Teaching Plan - Academic Year 2019-20

Class: B. Sc. T.Y SEM: (V and VI) Subject: Physics

Paper: Solid State Physics(P. No. XIII-A) and Digital and communication electronics(P. N.-XV-A)

Month	Topic and Sub-topic
June	---
July	<b>Unit-I Crystal structure:</b> Introduction, Crystal Lattices and bases and Translation vectors, Unit cell, Symmetry operations, Point groups, space group, Types of lattices, Bragg's Law, Simple crystal structure (FCC, BCC), Structure of Diamond, ZnS, NaCl, Problems..
August	<b>Unit-II Bonding in Solids and X-Ray Diffraction</b> Inter atomic forces and types of bonding, ionic bond, covalent bond, metallic bond, hydrogen bond, Vander-waal's bond. X-ray diffraction, Bragg's law, Laue's method, Rotating crystal method
September	<b>Unit- III Thermal Properties of Solid</b> Specific heat of solids, Classical theory of Lattice heat Capacity, Einstein's theory of heat Capacity, Limitations, Debye's theory of specific heat of solids, Debye continuum Model.
October	<b>Unit- IV Free Electron Theory of Metals</b> Drude-Lorentz theory, Thermal conductivity, Electrical conductivity, Widemann-Franz relation, Sommerfeld Model, Quantum theory of free electron in a box..
November	<b>University Exam</b>
December	<b>Unit-I Number system</b> Decimal numbers, Binary numbers, Binary arithmetic, Octal Numbers, Hexadecimal numbers, Inter-conversions of number systems. Binary coded decimal (BCD), Gray code, Excess-3 code.
January	<b>Unit-II Logic Gates:</b> AND gate, OR gate, NOT gate, NAND gate, NOR gate, EX-OR and EX-NOR gates, Universal properties of NAND gates. Boolean operations, logic expressions for 2,3 & 4 inputs, laws of Boolean algebra Boolean operations, logic expressions for 2,3 & 4 inputs, laws of Boolean algebra, De -Morgen's theorems, SOP form of Boolean expressions, simplification of Boolean expressions using K- maps (up to 4variables), Half adder, Full adder
February	<b>Unit-III Modulation demodulation</b> Introduction, types of modulation, Expression for AM Voltage, AM Waves, Frequency spectrum of AM waves, power output in AM waves, Expression for frequency modulated voltage and phase modulation voltage, Principle of demodulation, Linear diode detector or demodulator, FM-demodulation-Phase discriminator.
March	<b>Unit-IV Communication Electronics:</b> Introduction, Block diagram of basic communication system, classification based on the technique of signal transmission: Base band signal, base band transmission, communication system using modulation, need of modulation in communication system, A.M. receiver: Turned Radio Frequency(TRF)Receiver, Super heterodyne receiver, Characteristics of radio receivers: sensitivity, selectivity, fidelity & their measurements.
April	<b>University Exam</b>

  
Teacher sign

  
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Teaching Plan

Sem. IV Year 2019.. 2020

Teacher's Name Dr. Kunal R.A. Physics

Class & division B.Sc. S.Y. Subject Optics & Lasers

Month	Portion to be Covered
Dec-2020	Unit - I Geometrical optics
Jan-2020	Unit - II Interference & diffraction
Feb-2020	Unit - III Polarization
March-2020	Unit IV Lasers

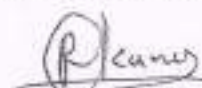
Extra teaching hours plan to cover the Syllabus within the prescribed period.

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## Teaching Plan

Sem. III Year 2019.. 2020

Teacher's Name Dr. K. N. R. A. Physics.

Class & division B. Sc. S. Y. Subject waves oscillation

Month	Portion to be Covered
June 2019	Unit - I waves
July 2019	Unit - II stationary waves
Aug 2019	Unit - III free & forced vibrations
Sept 2019	Unit IV Acoustics & Ultrasonics

Extra teaching hours plan to cover the Syllabus within the prescribed period.

  
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**KAL. RASIKA MAHAVIDYALAYA, DEONI, DIST. LATUR**

**TEACHING PLAN – 2019 – 2020**

**First Term**

Name of Teacher : Mr. B. P. Ankush  
Class : B.Sc. First Year (First Semester)  
Subject : CHEMISTRY Paper No: I  
Name of Paper : Organic and Inorganic Chemistry

Month	Portion to be covered
June	Unit-I: Nomenclature of Organic Compounds
July	Unit-II: Basic Concepts in Organic Chemistry Unit-III: Alkanes Alkenes and alkynes
August	Unit-III: Alkanes Alkenes and alkynes Unit-IV: 4. Cycloalkanes, Cycloalkenes and Dienes
September	Unit- V: 1 Periodic Table and Periodic Properties Unit- VI: Noble Gas Chemistry
October	University Examination

**Extra teaching hours plan to cover the syllabus within the prescribed period:**

- September: Portion of Unit- VI: Noble Gas Chemistry

Teacher's Signature

  
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**Principal**  
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**KAL. RASIKA MAHAVIDYALAYA, DEONI, DIST. LATUR**

**TEACHING PLAN – 2019 – 2020**

**First Term**

Name of Teacher : Mr. B. P. Ankush  
Class : B.Sc. Second Year (Third Semester)  
Subject : CHEMISTRY Paper No: VII  
Name of Paper : Physical and Inorganic Chemistry

Month	Portion to be covered
June	Unit :- I: Atomic Structure and Wave Mechanics
July	Unit :- II: Thermodynamics Unit:- III: Concept-of-entropy
August	Unit:- IV: Phase equilibrium Unit:- V: [A] Nuclear Chemistry
September	Unit:- V: [A] Nuclear Chemistry [B] Theory of Gravimetric Analysis
October	University Examination

**Extra teaching hours plan to cover the syllabus within the prescribed period:**

- September: Portion of Theory of Gravimetric Analysis

  
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**KAL. RASIKA MAHAVIDYALAYA, DEONI, DIST. LATUR**

**TEACHING PLAN – 2019 – 2020**

**First Term**

Name of Teacher : Mr. B. P. Ankush  
Class : B.Sc. Third Year (Five Semester)  
Subject : CHEMISTRY Paper No: XIII  
Name of Paper : Physical and Inorganic Chemistry

Month	Portion to be covered
June	Unit –I: Spectroscopy-I
July	Unit –II: Spectroscopy-II Unit- III: Chemical Kinetics
August	Unit –IV: Distribution Law Unit- V: Organometallic Compounds
September	Unit- V: Organometallic Compounds Unit -VI: Metal Carbonyls 06 Period
October	University Examination

**Extra teaching hours plan to cover the syllabus within the prescribed period:**

- September: Portion of Metal Carbonyls

  
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2019-20



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**Kai. Rasika Mahavidyalaya, Deoni**

(Commerce, Science & Information Technology College)

**Syllabus Completion Report**

Winter-2019

Name of the Teacher: Mr. B.P. Ankush

Faculty/Department : CHEMISTRY

Subject : chemistry

Date : 04-10-2019


Sr. No	Class	Semester	Paper No.	Paper's Name
1.	B.Sc.F.Y.	I	I	organic & Inorg. chemistry
2.	B.Sc.S.Y.	III	VII	Physical & Inorganic chem.
3.	B.Sc.T.Y.	V	XIII	Physical & Inorganic.chem.

I have completed Syllabus of the above stated subject.

  
Teacher Sign

  
HOD Sign

**Head**  
Dept. of Chemistry  
K.R.M Deoni, Tq Deoni Dist, Latur

  
Principal  
Kai. Rasika Mahavidyalaya, Deoni  
Tq. Deoni Dist. Latur



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**KAL. RASIKA MAHAVIDYALAYA, DEONI, DIST. LATUR**

**TEACHING PLAN – 2019 – 2020**

**Second Term**

Name of Teacher : Mr. B. P. Ankush  
Class : B.Sc. First Year (Second Semester)  
Subject : CHEMISTRY Paper No: III  
Name of Paper : Organic and Inorganic Chemistry

Month	Portion to be covered
December	Unit-I : Aromatic Hydrocarbons and Aromaticity
January	Unit-II: 1. Phenols 2: Haloalkenes and Haloarenes
February	Unit-III : Carboxylic acid derivatives Unit- IV: Alcohols and epoxides
March	Unit IV : Study of P-block elements Unit-V : Acids and Bases
April	University Examination

**Extra teaching hours plan to cover the syllabus within the prescribed period:**

- March: Portion of Acids and Bases

  
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**TEACHING PLAN – 2019 – 2020**

**Second Term**

Name of Teacher : Mr. B. P. Ankush  
Class : B.Sc. Second Year (Fourth Semester)  
Subject : CHEMISTRY Paper No: IX  
Name of Paper : Physical and Inorganic Chemistry

Month	Portion to be covered
December	Unit-I: Chemical-Kinetics
January	Unit-II: Electrochemistry Unit-III: Electrochemistry-II
February	Unit-IV: Photochemistry Unit-V: [A] Chemistry of Non-transition elements
March	Unit-V: [B] Chemistry of Halogen compounds
April	University Examination

**Extra teaching hours plan to cover the syllabus within the prescribed period:**

- March: Portion of Chemistry of Halogen compounds

  
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Tq. Deoni Dist. Latgur



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**TEACHING PLAN – 2019–2020**

**Second Term**

Name of Teacher : Mr. B. P. Ankush  
Class : B.Sc. Third Year (Sixth Semester)  
Subject : CHEMISTRY Paper No: XV  
Name of Paper : Physical and Inorganic Chemistry

Month	Portion to be covered
December	Unit -I Electrochemistry
January	Unit II : Thermodynamics-I Unit-III: Thermodynamics II
February	Unit-IV: Colligative Properties Unit -V: Bioinorganic Chemistry
March	Unit -VI: Metal cluster
April	University Examination

**Extra teaching hours plan to cover the syllabus within the prescribed period:**

- March: Portion of Metal cluster

  
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## Teaching Plan

Sem. I Year 2019-2020

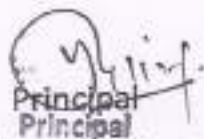
Teacher's Name Dr. V. S. More

Class & division B.Sc. F.Y. Subject Inorganic Chemistry

Month	Portion to be Covered
July-2019	- Periodic table and periodic properties
Aug-2019	- Noble gas chemistry
Sept. 2019	- s-block elements
Oct. 2019	- oxidation and reduction
Nov. Dec. 2019	Semester End University Exam

Extra teaching hours plan to cover the Syllabus within the prescribed period.

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Teaching Plan

Sem. II Year 20192020

Teacher's Name Dr. V. S. More

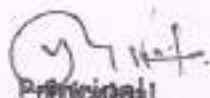
Class & division B.Sc. F.Y. Subject Chemistry (Thory. chem.)

Month	Portion to be Covered
Dec. 2019	Unit-IV - Study of P-block elements
Jan. 2020	- Acids and Bases.
Feb. 2020	- Chemical Bonding - I - Chemical Bonding - II
March 2020	- Chemical Bonding - II
April- May 2020	Semester End University Exam

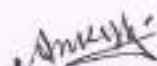
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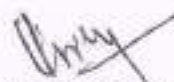
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Teaching Plan

Sem. III Year 2019.. 2020

Teacher's Name Dr. V. S. More

Class & division B.Sc. S.Y. Subject Organic Chemistry

Month	Portion to be Covered
July - 2019	- Name Reaction with mechanism - organic synthesis via Enolates
Aug - 2019	Aromatic Carboxylic and Sulphonic acid
Sep - 2019	- Introduction to organometallic comp's - oils, fats, soaps & Detergents
Oct - 2019	- oils, fats, soaps & Detergents
Nov - Dec. 2019	Semester End University Exam

Extra teaching hours plan to cover the Syllabus within the prescribed period.

Aug - 2019, Aromatic Carboxylic acid & sulphonic acid

Sept - 2019 - Introduction to organometallic comp's

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## Teaching Plan

Sem. ~~IV<sup>th</sup>~~ V<sup>th</sup> Year 2019.. 2020

Teacher's Name Dr. V.S. More

Class & division B.Sc. S.Y. Subject Organic Chemistry

Month	Portion to be Covered
Dec. 2019	Unit-I Stereochemistry Unit-II Carbohydrates
Jan. 2020	Unit-III - Nitrogen containing organic comp. A) Aromatic Nitro comp. B) Aromatic Amines. C) Diazomethane D) Urea. Unit-II - Carbohydrates
Feb. 2020	Unit - IV C) Diazomethane D) Urea. Unit-IV. Applications of Reagents in Organic synthesis
March 2020	- Osmium Tetroxide - Ozone - Selenium Dioxide - Boron Trifluoride
April-May	Semester End University Exam

Extra teaching hours plan to cover the Syllabus within the prescribed period.

Unit-II - Carbohydrates - Jan-2020

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Teaching Plan

Sem. V<sup>th</sup> Year 2019-2020

Teacher's Name Dr. V.S. More

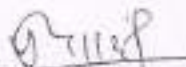
Class & division B.Sc. I.Y. Subject Physical Chemistry

Month	Portion to be Covered
July - 2019	<del>Sep</del> spectroscopy - I
Aug - 2019	- Spectroscopy - II - chemical Kinetics
Sept - 2019	- chemical Kinetics - Distribution law
Oct - 2019	- Distribution law
Nov - Dec	Semester END University Exam

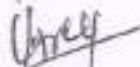
Extra teaching hours plan to cover the Syllabus within the prescribed period.

Aug-2019 Spectroscopy - II, Chemical Kinetics

Sept-19 - Distribution law

  
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Ta. Deoni Dist. Latur

  
Teacher's Signature



# Kai.Rasika Mahavidyalaya, Deoni. Dist.Latur

## Teaching Plan

Sem. VI<sup>th</sup> Year 2019-2020

Teacher's Name Dr. V. S. More

Class & division B.Sc.T.Y. Subject Physical Chemistry

Month	Portion to be Covered
Dec. 2019	Unit-I - Electrochemistry
Jan.- 2020	Unit-II - Thermodynamics-I
Feb.- 2020	Unit-III - Thermodynamics-II
Mar.- 2020	Unit-IV - Colligative properties
April May	Semester End University Exam

Extra teaching hours plan to cover the Syllabus within the prescribed period.

Unit-III - Thermodynamics-II Feb-2020.

Principal

Kai.Rasika Mahavidyalaya, Deoni  
Tq. Deoni Dist. Latur

IQAC COORDINATOR  
Kai.Rasika Mahavidyalaya, Deoni  
Tq. Deoni Dist. Latur

Teacher's Signature

**Kai. Rasika Mahavidyalaya, Deoni**  
**Yearly Teaching Plan (2015-2016)**

Name of the teacher: Bhusawale A.N

Class: B. Com. S.Y. (III & IV Sem)

**Subject: - Income Tax-I**

Month	Topic(s) to be taught
June	Admission Process
July	<b>UNIT-I. Introduction</b> History of Income Tax  <b>UNIT II. Basic Concepts:</b> Agricultural income, Person, previous Year, Assessment Year, Assesses, Income, Gross Total Income, Total Income
August	<b>UNIT- III. Income from Salary</b>  <b>UNIT- IV: Income From House Property</b>
September	<b>UNIT- IV: Income From Capital Gain.</b>
Oct-Nov	<b>Oct-Nov Winter Exam 2018-19</b>
December	<b>Subject:- <u>Income Tax – II</u></b> <span style="float: right;"><b>IV -Semester</b></span>  <b>UNIT – I. Exempted Income Under Section 10</b>  <b>UNIT – II. Income from Profession</b>
January	<b>UNIT – III. Income from Business</b>
February	<b>UNIT – IV. Income from Other Sources</b>  <b>UNIT – V. Computation of Total Income with Deduction under section U/S 80-C, 80-D, 80- DD, 80-U and 80 –E.</b>
March- April	<b>Mar- April Summer Exam 2018-19</b>

*Bhusawale A.N*  
Signature of the Teacher

*D. D. D.*  
Signature of Principal  
**Principal**  
Kai.Rasika Mahavidyalaya  
Deoni Dist.Latur

2019-20



JSPB's

**Kai. Rasika Mahavidyalaya, Deoni**  
(Commerce, Science & Information Technology College)

**Syllabus Completion Report**  
Summer-2020

Name of the Teacher: Mr. B.P. Ankush

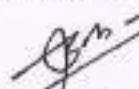
Faculty/Department: CHEMISTRY

Subject: chemistry

Date: 26-02-2020

Sr. No	Class	Semester	Paper No.	Paper's Name
1.	B.sc. FY	II	III	organic & Inorganic chem.
2.	B.sc. SY	IV	IX	physical & Inorganic chem.
3.	B.sc. TY	VI	XV	physical & Inorganic chem.

I have completed Syllabus of the above stated subject.

  
Teacher Sign

  
HOD Sign

**Head**

Dept. of Chemistry

K.R.M Deoni, Tq Deoni Dist, Latur

  
Principal Sign

Principal

Kai. Rasika Mahavidyalaya, Deoni  
Tq. Deoni Dist. Latur


Kai. Rasika Mahavidyalaya, Deoni

Yearly Teaching Plan (2019-20)

Name of the teacher: Bhusawale A.N. Class: B.Com. Third Year (Sem V & VI)

Subject:- XXIII Advanced Accounting - I

Month	Topic(s) to be taught
June	Admission Process
July	<b>Unit I. Accounting Standards</b> Introduction, Significance, Scope of Accounting standards, Accounting Standard Board, Procedure of issuing Accounting standard, Indian Accounting Standard, International Accounting standards <b>Unit II- Hotel Business Accounting</b> Meaning, Importance of Hotel Business Accounting,
August	Preparation of Final Accounts of Hotel Business <b>Unit III - Underwriting of Shares and Debentures:</b> Basic concepts, underwriting commission, preparation of underwriters' Account. <b>Unit IV - Branch Accounting:</b> Introduction, Meaning of Branch Accounting, Types of Branches, Preparation of Branch account as per Debtors system and stock and Debtors System.
September	<b>Unit V- Agricultural Accounting:</b> Introduction, Meaning, Importance of agricultural accounting, Preparation of Agricultural account, Problems on farm accounting.
Oct- Nov	Diwali & University Winter Exam
December	<b>Subject: Advance Accounting-II</b> VI <sup>th</sup> Semester <b>UNIT I - Accounts of Electricity Company</b> The Double Entry Accounting System - Meaning & Advantages. Preparation of Electricity Company Accounts <b>UNIT II. Departmental Accounts:</b> Meaning, Importance of Departmental Account, Preparation of Departmental
January	Profit and Loss A/c, Balance Sheet and General Profit and Loss Account, (With loading, Internal Transfer). <b>UNIT III. - Packages Account:</b> Meaning & Importance, Preparation of packages Account.
February	<b>UNIT IV - Account of Profession:</b> Meaning, Importance of Profession Account, Preparation of Profession Account, Solicitors Account only. <b>UNIT. V - Insolvency Accounts:</b> Meaning, Importance, Procedures of Insolvency
- March	University Summer Exam

  
Signature of the Teacher

  
Signature of HOD

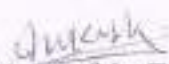
Kai. Rasika Mahavidyalaya, Deoni

**Yearly Teaching Plan (2019-20)**

Name of the teacher: Bhusawale A.N. Class: B.Com. Third Year (Sem V & VI)

Subject:- XXV Title: Auditing - I

Month	Topic(s) to be taught
June	Admission Process
July	UNIT I. Introduction of Auditing: UNIT II. Company Auditor:
August	UNIT III. Audit Planning, procedure and Documentation: UNIT IV- Detection and prevention of Fraud:
September	UNIT V – Audit Evidence
Oct- Nov	Semester End University Winter Exam
December	<u>Subject: Auditing – II</u> VI <sup>th</sup> Semester UNIT I: Checking Vouching and Audit Report
January	UNIT II: Internal Audit UNIT III: The Company Audit Provisions
February	UNIT IV: Audit of Banking Companies
March	UNIT V: Standards on Auditing
April	Semester End University Summer Exam

  
Signature of the Teacher

  
Signature of H O D

Kai. Rasika Mahavidyalaya, Deoni

**Yearly Teaching Plan (2019-20)**

Name of the teacher: Bhuswale A.N.

Class: B. Com. S.Y. (III & IV Sem)

Subject: **New Trends in Corporate Accounting**

Month	Topic(s) to be taught
June	Admission Process
July	UNIT – I. Recent Concepts in Corporate Accounting Unit- II. Issue of shares
August	Unit- III. Redemption of preference shares: Unit- IV. Company final accounts :
September	Unit-V. Profit prior to incorporation:
Oct-Nov	University Winter Exam
	Subject: <b><u>Advanced Corporate Accounting</u></b> <b><u>Semester IV</u></b>
December	UNIT – I. Redemption of Debenture UNIT – II. Amalgamation of Companies.
January	UNIT III:- Reconstruction of a company :- UNIT III: - Holding company Accounts:
February	UNIT VI:- Liquidation of a company:
March- Apr	University Summer Exam

Signature of the Teacher

Signature of HOD

**Kai. Rasika Mahavidyalaya, Deoni**  
**Yearly Teaching Plan (2019-2020)**

Name of the teacher: Bhusawale A.N

Class: B. Com. S.Y. (III & IV Sem)

**Subject: - Income Tax-I**

Month	Topic(s) to be taught
June	Admission Process
July	<b>UNIT-I. Introduction</b> History of Income Tax  <b>UNIT II. Basic Concepts:</b> Agricultural income, Person, previous Year, Assessment Year, Assesses, Income, Gross Total Income, Total Income  <b>UNIT- III. Income from Salary</b>
August	Remaining part of income from salary Unit  <b>UNIT- IV: Income From House Property</b>
September	<b>UNIT- IV: Income From Capital Gain.</b>
Oct-Nov	<b>University Winter Exam</b>
December	<b>Subject:- <u>Income Tax – II</u></b> <span style="float: right;">IV -Semester</span>  <b>UNIT – I. Exempted Income Under Section 10</b>  <b>UNIT – II. Income from Profession</b>
January	<b>UNIT – III. Income from Business</b>
February	<b>UNIT – IV. Income from Other Sources</b>  <b>UNIT – V. Computation of Total Income with Deduction under section U/S 80-C, 80-D, 80- DD, 80-U and 80 –E.</b>
March- April	<b>University Summer Exam</b>

Signature of the Teacher

  
 Signature of H O D



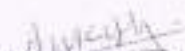
**Kai. Rasika Mahavidyalaya, Deoni**  
**Yearly Teaching Plan (2019-20)**

Name of the teacher: Bhusawale A.N.      Class: B.Com. First Year (I & II Sem)

Subject:- Computer for Business and Tally - I

Month	Topic(s) to be taught
June	Admission Process
July	<b>Unit : I Introduction to computer:</b>
August	<b>Unit II: Using MS-Word</b> <b>Unit III: MS-Excel</b>
September	<b>Unit IV: MS-Power Point</b> <b>Unit V Computer Networking (Internet)</b>
Oct- Nov	<b>University Winter Exam</b>

Month	Topic(s) to be taught
December	<u>Subject- Tally</u> <b>II<sup>nd</sup> -Semester</b> <b>I Unit- I Introduction of Computerized accounting and Tally</b>
January	<b>Unit- II Starting with Tally</b> <b>Unit- III Accounting with Tally</b>
February	<b>Unit- IV Modification / alteration of records in Tally</b>
March	<b>Unit V Report generation (procedure)</b>
April	<b>University Summer Exam</b>

  
Signature of the Teacher

  
Signature of H O D




JSPB's  
**KAL. RASIKA MAHAVIDYALAYA, DEONI, DIST. LATUR**  
**Teaching Plan – 2019- 2020**

Name of Teacher : Dr. P. R. More  
Class : B. Sc First Year Semester: I<sup>st</sup>  
Subject : Zoology Paper No: II  
Name of Paper : Biodiversity of Chordates

Month	Portion to be covered
July	<b>Unit – I</b> 1. Introduction of Chordates - Salient features and classification of chordates up to class level. Origin and Ancestry of Chordata 2. Protochordata: 3. Agnatha :
August	<b>Unit- II</b> 1. <b>Pisces:</b> General characters and classification up to order level with suitable examples; Scoliodon (Dogfish); External morphology, Digestive system, Respiratory system, Circulatory System, Nervous system, Urinogenital system. Economic importance of Fishes. 2. <b>Amphibia:</b> General characters and classification up to order level with suitable examples; Parental care in Amphibians; Hibernation and aestivation in Frog.
September	<b>UNIT – III</b> 1. <b>Reptiles:</b> General characters and classification up to order level with suitable examples; Poisonous and non-poisonous snakes; Biting mechanism in snakes; Importance of snake Venom. 2. <b>Aves:</b> General characters and classification up to order level with suitable examples; Flight adaptations in birds; Migration in birds.
October	<b>UNIT – IV II</b> 1. <b>Mammals:</b> General characters and classification up to order level with suitable examples. 2. <b>Rat-</b> External characters, Digestive system, Respiratory system, Circulatory system, Nervous system - Brain and spinal cord, Eye and Ear.

Extra teaching hours plan to cover the syllabus within the prescribed period.

  
Teacher's Signature

  
IQAC COORDINATOR  
Kal. Rasika Mahavidyalaya, Deoni  
Tq. Deoni Dist. Latur

  
Principal  
Principal  
Kal. Rasika Mahavidyalaya, Deoni  
Tq. Deoni Dist. Latur



JSPB's

**KAI. RASIKA MAHAVIDYALAYA, DEONI, DIST. LATUR**  
**TEACHING PLAN – 2019- 2020**

Name of Teacher : Dr. P. R. More

Class : B. Sc First Year

Semester: II

Subject : Zoology

Paper No: III

Name of Paper : Comparative Anatomy of Vertebrates

Month	Portion to be covered
December	<b>UNIT – I</b> 1. General characters, origin and Ancestry of Vertebrates. 2. Integumentary System: Development, General structure and function of integument; Derivatives of integument- Epidermal and Dermal derivatives; 3. Skeletal System- Evolution of visceral arches; Comparative account of Limbs and girdles.
January	<b>UNIT – II II</b> 1. Digestive System: Brief account of alimentary canal and digestive glands. 2. Respiratory System: Brief account of different respiratory organs in vertebrates- Gills, lungs, skin, air sacs and Accessory respiratory organs.
February	<b>UNIT – III II</b> 1. Circulatory System: Brief account of Evolution of heart in vertebrates. Modifications of aortic arches in vertebrates; Blood circulation in various vertebrate groups- Single and Double circulation 2. Urinogenital System: Developmental Succession of kidney, Evolution of urinogenital system in vertebrates.
March	<b>UNIT – IV</b> 1. Nervous System: Structure of Neuron; Comparative account of Brain of Vertebrates. 2. Sense Organs - Types of receptors- Mechanoreceptors; Photoreceptors; Phonoreceptors.

Extra teaching hours plan to cover the syllabus within the prescribed period.

  
Teacher's Signature

  
Principal  
Kai. Rasika Mahavidyalaya, Deoni  
Tq. Deoni Dist. Latur

  
IQAC-COORDINATOR  
Kai. Rasika Mahavidyalaya, Deoni  
Tq. Deoni Dist. Latur



JSPB's  
KAL. RASIKA MAHAVIDYALAYA, DEONI, DIST. LATUR

Teaching Plan – 2019- 2020

Name of Teacher : Dr. P. R. More  
Class : B. Sc SY Semester: III  
Subject : Zoology Paper No: VII  
Name of Paper : COMPARATIVE ANATOMY AND PHYSIOLOGY (P-VII)

Month	Portion to be covered
July	<b>UNIT –I</b> 1) Comparative Anatomy of Vertebrates i) Integument ii) Heart iii) Kidne
August	<b>UNIT-II</b> 1) Enzymes i) Nature and Classification of enzymes. ii) Mechanism of enzyme action. iii) Factors affecting on enzymes activity. 2) Nutrition i) Digestion of carbohydrates, proteins and lipids. ii) Vitamins – Fat soluble and Water soluble vitamins (Sources, deficiency diseases and effects
September	<b>UNIT-III</b> 1) Respiration i) Definition of Aquatic and Aerial respiration. ii) Respiratory organs in man. iii) Mechanism of respiration. iv) Transport of O <sub>2</sub> and CO <sub>2</sub> 2) Circulation i) Blood – composition and functions. ii) Structure and working of heart. iii) E.C.G. and Blood Pressure. iv) Blood clotting.
October	<b>Unit- IV</b> 1) Excretion 2) Nerve Physiology 3) Muscle Physiology

Extra teaching hours plan to cover the syllabus within the prescribed period.

  
Teacher's Signature

  
IQAC COORDINATOR  
Kal.Rasika Mahavidyalaya, Deoni  
Tq.Deoni Dist.Latur

  
Principal  
Kal. Rasika Mahavidyalaya, Deoni  
Tq. Deoni Dist. Latur



JSPB's  
KAI, RASIKA MAHAVIDYALAYA, DEONI, DIST. LATUR

Teaching Plan – 2019- 2020

Name of Teacher : Dr. P. R. More

Class : B. Sc. SY

Semester: IV

Subject : Zoology

Paper No: IX

Name of Paper : ENDOCRINOLOGY, HISTOLOGY AND BIOCHEMISTRY (P-IX)

Month	Portion to be covered
DECEMBER	<b>UNIT –I</b> 1) Endocrinology i) Pituitary gland ii) Thyroid gland iii) Adrenal gland iv) Islet's of Langerhans (Pancreas) v) Menstrual Cycle.
JANUARY	<b>UNIT-II</b> 1) Histology of mammalian organs and tissues. i) Stomach ii) Intestine iii) Pancreas iv) Liver v) Kidney vi) Testes vii) Ovary.
FEBRUARY	<b>UNIT-III</b> 1) Carbohydrate metabolism: i) Glycogenesis, Glycogenolysis and Gluconeogenesis ii) Glycolysis iii) Krebs's cycle
MARCH	<b>Unit- IV</b> 1) Protein metabolism i) Deamination and Transamination ii) Ornithine cycle. 2) Lipid metabolism : i) B-Oxidation ii) Ketosis, Ketogenesis and Ketolysis.

Extra teaching hours plan to cover the syllabus within the prescribed period.

  
Teacher's Signature

  
IQAC COORDINATOR  
Kai, Rasika Mahavidyalaya, Deoni  
Tq. Deoni Dist. Latur

  
Principal  
Principal  
Kai, Rasika Mahavidyalaya, Deoni  
Tq. Deoni Dist. Latur



JSPB's  
KAI, RASIKA MAHAVIDYALAYA, DEONI, DIST. LATUR

Teaching Plan – 2019- 2020

Name of Teacher : Dr. P. R. More

Class : B. Sc TY

Semester: V

Subject : Zoology

Paper No: XIII

Name of Paper : Pisciculture – XIII-A

Month	Portion to be covered
July	<b>UNIT –I</b> 1. Fish Farm Engineering 1.1 Topography; 1.2 Soil type; 1.3 Water supply; 1.4 Layout of fish farm 2. Fish Farm Management 2.1 Preparation and Management of Nursery pond 2.2 Preparation and Management of Rearing pond 2.3 Preparation and Management of Stocking Pond
August	1. Biology of Indigenous and Exotic carps. 2. Fish seed resources 2.1 Natural resources- Riverine resources 2.2 Artificial resources- Induced breeding by Hypophysation a) Historical back ground b) Technique of Induced breeding c) Bundh breeding d) Chinese hatchery e) Striping method 2.3 Transportation of fish seed and brooders.
September	<b>UNIT-III</b> 1) Carbohydrate metabolism: i) Glycogenesis, Glycogenolysis and Gluconeogenesis ii) Glycolysis iii) Krebs's cycle
October	<b>Unit- IV</b> 1) Protein metabolism : i) Deamination and Transamination ii) Ornithine cycle. 2) Lipid metabolism : i) B-Oxidation ii) Ketosis, Ketogenesis and Ketolysis.

Extra teaching hours plan to cover the syllabus within the prescribed period.

  
Teacher's Signature

  
IQAA COORDINATOR  
Kai, Rasika Mahavidyalaya, Deoni  
Tq. Deoni Dist. Latur

  
Principal  
Principal  
Kai, Rasika Mahavidyalaya, Deoni  
Tq. Deoni Dist. Latur



**JSPB's**  
**KAL. RASIKA MAHAVIDYALAYA, DEONI, DIST. LATUR**

**Teaching Plan – 2019- 2020**

**Name of Teacher : Dr. P. R. More**

**Class : B. Sc. SY**

**Semester: VI**

**Subject : Zoology**

**Paper No: XV (A)**

**Name of Paper : Title of Paper: Aquaculture**

<b>Month</b>	<b>Portion to be covered</b>
<b>December</b>	<b>UNIT –I</b> 1. <b>Introduction to Aquaculture</b> i) Definition, Scope and importance of aquaculture ii) Concepts of extensive aquaculture, intensive aquaculture. 2. <b>Types of Aquaculture</b> i) Monoculture ii) Polyculture iii) Integrated fish farming – a) Paddy cum fish culture b) Fish-cum pig farming c) Cattle-cum fish farming d) Fish-cum duck farming
<b>January</b>	<b>UNIT-II</b> 1. <b>Culture Methods</b> i) Pen culture ii) Cage culture 2. <b>Sewage Fed Fish Culture</b> i) Composition of sewage ii) Use of sewage for fish culture iii) Fish species suitable for sewage fed fish culture 3. <b>Man Made Hazards and Aquaculture</b> i) Domestic Sewage ii) Agricultural Sewage iii) Industrial Effluents
<b>February</b>	<b>UNIT-III</b> 1. <b>Characteristics of Water</b> i) Physical ii) Chemical ii) Biological 2. <b>Larvivorous Fishes</b> i) Characteristics of Larvicidal Fishes. ii) Larvicidal Fishes in India- Exotic species; Indigenous Species iii) Role of Larvivorous fishes in relation to Public health 3. <b>Aquatic weeds and their control</b> i) Types of weeds ii) Advantages and Disadvantages of weeds iii) Weed Control – Manual, Mechanical, Chemical and Biological
<b>March</b>	<b>Unit- IV</b> 1. <b>Culture of Non Fish Organisms</b> 1. Fresh water Prawn Culture 2. Pearl Oyster Culture and Edible Oyster Culture 3. Mussel Culture 2. <b>Mariculture</b> i) Introduction ii) Types of Mariculture iii) Fish Species for Mariculture 3. <b>Government Participation in Aquaculture</b> ICAR, Ministry of Agriculture, Ministry of Commerce, Ministry of Food Processing Industry.

**Extra teaching hours plan to cover the syllabus within the prescribed period.**

  
Teacher's Signature

  
IQAC-COORDINATOR  
Kal.Rasika Mahavidyalaya, Deoni  
Tq.Deoni Dist.Latur

  
Principal  
Kal. Rasika Mahavidyalaya, Deoni  
Tq. Deoni Dist. Latur



**Kai. Rasika Mahavidyalaya, Deoni. Dist. Latur**  
**Teaching plan**

Semester... II<sup>nd</sup> ..... Year 2019-2020

Teachers name :- Dr. Vaishali Siddaram Chaturge

Class and division... F.Y. ..... Subject... Botany .....

Name of the paper... Taxonomy of Angiosperms

Month	Portion to be covered
December 2019	UNIT-I Introduction
January 2020	UNIT-II Plant Classification
February 2020	UNIT-III Morphology of Angiosperms
March 2020	UNIT-IV Study of plant families

Extra teaching hours plan to cover the syllabus within the prescribed period.....



Principal  
I/C Principal  
Kai. Rasika Mahavidyalaya, Deoni  
Tq. Deoni Dist. Latur



Teacher's Signature  
Head  
Dept. of Botany  
K.R.M Deoni, Tq Deoni Dist. Latur





**Kai. Rasika Mahavidyalaya, Deoni. Dist. Latur**  
Teaching plan

Semester....IV<sup>th</sup>.....Year 2019-2020

Teachers name :- Dr. Vaishali sidram chadge

Class and division...S.T......Subject...Botany...

Name of the paper...VIII...Gymnosperms and Palaeobotany

Month	Portion to be covered
December 2019	UNIT-I Gymnosperms
January 2020	UNIT-II Pinus
February 2020	UNIT-III Gnetum
February 2020	UNIT-IV Palaeobotany

Extra teaching hours plan to cover the syllabus within the prescribed period.....

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Principal  
I/C Principal  
Kai.Rasika Mahavidyalaya, Deoni  
Tq. Deoni Dist. Latur

  
Teacher's Signature  
Head  
Dept. of Botany  
K.R.M Deoni, Tq Deoni Dist. Latur



**Kai. Rasika Mahavidyalaya, Deoni. Dist. Latur**  
**Teaching plan**

Semester.....VI<sup>th</sup>.....Year 2019-2020

Teachers name :-Dr. Vaishali Sridharan Chaturge

Class and division.....T.Y......Subject. Botany.....


Name of the paper.. Pathology (OP-I)..... Plant pathology

Month	Portion to be covered
December 2019	UNIT-I Aerobiology and seed pathology
January 2020	UNIT-II Defense Mechanism & plant Disease Management
February 2020	UNIT-III Plant Diseases-I
March 2020	UNIT-IV Plant Diseases-II

Extra teaching hours plan to cover the syllabus within the prescribed period.....

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.....

  
Principal  
I/C Principal  
Kai. Rasika Mahavidyalaya, Deoni  
Tq. Deoni Dist. Latur

  
Teacher's Signature  
Head  
Dept. of Botany  
K.R.M Deoni, Tq Deoni Dist. Latur



Kai.Rasika Mahavidyalaya, Deoni. Dist. Latur

Teaching Plan

Sem. I Year 2019-2020.

Teacher's Name Dr. Muley Yogesh M.

Class & division B.Sc. E.Y. Subject Differential Calculus (I)

Month	Portion to be Covered
Jul	Unit - I - Differentiation.
Aug	Unit - II - Expansion of functions, Tangents and Normals.
Sept	Unit - III - Mean value Theorems. Unit - IV - Partial Differentiations.
Oct	Unit - IV - Partial Differentiations.

Extra teaching hours plan to cover the Syllabus within the prescribed period.

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.....

  
Principal

  
Teacher's Signature



Kai.Rasika Mahavidyalaya, Deoni. Dist. Latur

Teaching Plan

Sem. III Year 2019. 2020.

Teacher's Name ... Dr. Muley Yogesh M.

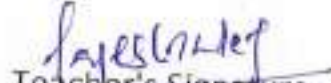
Class & division... B.Sc.S.Y. Subject Group Theory (VII)

Month	Portion to be Covered
Jul	Unit - I - Groups.
Aug	Unit - II - subgroups.
Sept	Unit - III - Homomorphism

Extra teaching hours plan to cover the Syllabus within the prescribed period.

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.....

  
Principal

  
Teacher's Signature



Kai.Rasika Mahavidyalaya, Deoni. Dist. Latur

Teaching Plan

Sem. V Year 2019-2020.

Teacher's Name Dr. Muley Yogesh M.

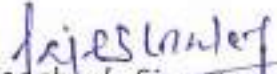
Class & division B.Sc.T.Y. Subject Complex Analysis - (XIV (c))

Month	Portion to be Covered
Jul	Unit - I - Complex number.
Aug	Unit - II - Analytic Functions.
Sept.	Unit - III - Elementary Functions.

Extra teaching hours plan to cover the Syllabus within the prescribed period.

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.....

  
Principal

  
Teacher's Signature



Kai. Rasika Mahavidyalaya, Deoni. Dist. Latur

Teaching Plan

Sem..... First .. Year 2019-2020

Teacher's Name Dr. More P.R.

Class & division B.Sc.F.Y. Subject Zoology

Paper Name : Biodiversity of Invertebrates (Pr.No. ....)

Month	Portion to be Covered
July 2019	Unit - I - phylum - Protozoa Poriferia
Aug. 2019	Unit - II phylum - Coelenterata, Platyhelminthes Unit - III. Annelida, Nematohelminthes Arthropoda
Sep. 2019	Unit - IV, mollusca, Echinodermata & Hemichordata,

Extra teaching hours plan to cover the Syllabus within the prescribed period.

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.....

Principal

**Principal**  
Kai. Rasika Mahavidyalaya,  
DEONI Dist. Latur

Teacher's Signature



Kai.Rasika Mahavidyalaya, Deoni. Dist. Latur

Teaching Plan

Sem. I Year 2019-2020.

Teacher's Name Dr. Pedge. S. S.

Class & division B.Sc. FY Subject Biodiversity of chordates

Month	Portion to be Covered
July	<u>Unit-I</u> ① Introduction of chordates ② protochordates ③ Agnatha
Aug.	<u>Unit-II</u> - ① Pisces ② Amphibia. <u>Unit-III</u> - ① Reptiles
sep	② Aves <u>Unit-IV</u> ① Mammals

Extra teaching hours plan to cover the Syllabus within the prescribed period.

.....  
.....

  
Principal

**Principal**

Kel. Rasika Mahavidyalaya,  
DEONI Dist. Latur

  
Teacher's Signature



Kai.Rasika Mahavidyalaya, Deoni, Dist. Latur

Teaching Plan

Sem. III Year 2019.. 2020..

Teacher's Name Dr. Podge. S. S.

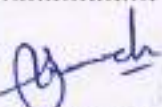
Class & division B.Sc. Sy. Subject Genetics: (P-VI)

Month	Portion to be Covered
July	<u>Unit-I</u> - ① Introduction to genetics. ② Mendelism ③ Interaction of genes <u>Unit-II</u> - ① Multiple Allels & genes
Aug.	② Linkage & Crossing over. <u>Unit-III</u> - ① Sex Determination ② Sex linked Inheritance ③ Cytoplasmic Inheritance
sep	<del>Unit</del> - ④ Mutation <u>Unit-III</u> - ① Human genetics ② Nature & Functions of genetic materials.

Extra teaching hours plan to cover the Syllabus within the prescribed period.

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Principal  
**Principal**

  
Teacher's Signature





Kai.Rasika Mahavidyalaya, Deoni. Dist. Latur

Teaching Plan

Sem. V<sup>th</sup> ..... Year 2019... 2020..

Teacher's Name Dr. Pedge S.S......

Class & division B.Sc. T.Y...... Subject Ecology & Zoogeography (P-XII)

Month	Portion to be Covered
July	<u>UNIT-I</u> 1) Ecology 2) Introduction to Ecosystem 3) Bio-geochemical cycles 4) Spheres of Earth.
Aug	<u>UNIT-II</u> ① Population Ecology ② Biotic Interactions <u>Unit-III</u> ① Pollution ② Energy Resources ③
Sep	<u>Unit-IV</u> ① Adaptations ② Wildlife conservations & Endangered species ③ Zoological Realms.

Extra teaching hours plan to cover the Syllabus within the prescribed period.

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Principal  
Principal

Kai. Rasika Mahavidyalaya.  
DEONI Dist. Latur

  
Teacher's Signature



Kai. Rasika Mahavidyalaya, Deoni. Dist. Latur

Teaching Plan

Sem. Fifth Year 2019-2020

Teacher's Name Dr. More P.R.

Class & division B.Sc. T.Y. Subject Zoology

Month	Portion to be Covered
July 2019	<u>Unit-I: Fish Farm Engineering, Fish Farm management.</u> <u>Unit: II Biology of carps</u> <u>Fish Seed Resources</u>
Aug-2019	<u>Unit: II - capture fishery</u> <u>Unit-III Fishery methods</u>
Sep. 2019	<u>Unit III Fish Diseases</u> <u>Unit IV: Fish preservation &amp; processing</u> <u>fish By products.</u>

Extra teaching hours plan to cover the \*Syllabus within the prescribed period.

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Principal

Teacher's signature

**Principal**  
Kai. Rasika Mahavidyalaya,  
DEONI Dist. Latur



Kai.Rasika Mahavidyalaya, Deoni. Dist. Latur

Teaching Plan

Sem. II Year 2019.. 2020

Teacher's Name Dr. V.S. More

Class & division B.Sc. F.Y. Subject In-organic Chemistry

Month	Portion to be Covered
July - 2019	Periodic Table and Periodic Properties
Aug. 2019	- S-block elements - Noble gas chemistry
Sept. - 2019	- Oxidation Reduction
Oct. - 2019	- oxidation Reduction

Extra teaching hours plan to cover the Syllabus within the prescribed period.

July-2019, Periodic Table & Periodic Properties

Aug-2019, - Noble gas chemistry

Sept-2019 - Oxidation Reduction

  
Principal

  
Teacher's Signature



Kai.Rasika Mahavidyalaya, Deoni. Dist. Latur

Teaching Plan

Sem. Winter-2019 Year 2019.. 2020.

Teacher's Name Mr. B.P. Ankush

Class & division B.Sc. F.Y. sem-I Subject organic chemistry

Month	Portion to be Covered
July	Unit-I: Nomenclature of organic compds. Unit-II: Basic concepts of org. chemistry
Aug	Unit-II: Basic concepts of org. chemistry Unit-III: Alkanes, Alkenes & Alkynes
Sept	Unit-III: Alkanes, Alkenes & Alkynes Unit-IV: cycloalkanes, cycloalkenes and Dienes
Oct	Unit-IV: cycloalkanes, cycloalkenes & Dienes.

Extra teaching hours plan to cover the Syllabus within the prescribed period.

Aug: Alkanes, Alkenes, & Alkynes (Remaining)

Sept: cycloalkenes, cycloalkynes & Dienes (Remaining)

  
Principal

  
Teacher's Signature



Kai.Rasika Mahavidyalaya, Deoni. Dist. Latur

Teaching Plan

Sem. Winter-2019 Year 2019.. 2020.

Teacher's Name Mr. B.P. Anikush

Class & division B.Sc. S.Y. (III) sem. Subject Physical chemistry

Month	Portion to be Covered
July	I: Atomic structure & wave mechanics
Aug	II: Thermodynamics III: concept of Entropy
Sept	IV: phase Equilibrium
Oct	IV: phase Equilibrium.

Extra teaching hours plan to cover the Syllabus within the prescribed period.

Aug: concept of Entropy (Remaining)

Sept: phase Equilibrium (Remaining)

  
Principal

  
Teacher's Signature



Kai.Rasika Mahavidyalaya, Deoni. Dist. Latur

Teaching Plan

Sem. Winter-2019 Year 2019-2020.

Teacher's Name Mr. B. P. Ankush

Class & division B. Sc. T. Y. (sem - V) Subject Inorganic Chemistry

Month	Portion to be Covered
July	I: Co-ordination chemistry (I)
Aug	II: The chemistry of Elements in medicine. III: Organometallic compounds
Sept	IV: metal Carbonyl
Oct	IV: metal Carbonyl

Extra teaching hours plan to cover the Syllabus within the prescribed period.

July: Co-ordination chemistry

Sept: Organometallic compounds

  
Principal

  
Teacher's Signature



Kai.Rasika Mahavidyalaya, Deoni. Dist.Latur

Teaching Plan

Sem. V<sup>th</sup> Year 2019-2020.

Teacher's Name Dr. V.S. More

Class & division B.Sc. I.Y. Subject Physical Chemistry

Month	Portion to be Covered
July - 2019	<del>Sep</del> spectroscopy - I
- Aug - 2019	- Spectroscopy - II - chemical Kinetics
Sept - 2019	- chemical Kinetics - Distribution law
Oct - 2019	- Distribution law

Extra teaching hours plan to cover the Syllabus within the prescribed period.

Aug-2019 Spectroscopy - II, Chemical Kinetics

Sep-19 - Distribution law.

  
Principal

  
Teacher's Signature



Kai.Rasika Mahavidyalaya, Deoni. Dist.Latur

Teaching Plan

Sem. III Year 2019-2020

Teacher's Name Dr. V. S. More

Class & division B.Sc. S.Y. Subject Organic Chemistry

Month	Portion to be Covered
July-2019	- Name Reaction with mechanism - organic synthesis via Enolates
Aug-2019	Aromatic Carboxylic and Sulphonic acid
Sep-2019	- Introduction to organometallic comp's - oils, fats, soaps & Detergents
Oct-2019	- oils, fats, soaps & Detergents

Extra teaching hours plan to cover the Syllabus within the prescribed period.

Aug-2019, Aromatic Carboxylic acid & sulphonic acid

Sept-2019: Introduction to organometallic comp's

  
Principal

  
Teacher's Signature





Kai.Rasika Mahavidyalaya, Deoni. Dist.Latur

Teaching Plan

Sem. II Year 2019.. 2020

Teacher's Name Dr. V.S. More

Class & division B.Sc. F.Y. Subject In-organic Chemistry

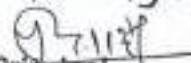
Month	Portion to be Covered
July - 2019	Periodic Table and Periodic Properties
Aug - 2019	- S-block elements - Noble gas chemistry
Sept - 2019	- Oxidation Reduction
Oct - 2019	- oxidation Reduction

Extra teaching hours plan to cover the Syllabus within the prescribed period.

July-2019, Periodic Table & periodic properties

Aug-2019, - Noble gas chemistry

Sept-2019 - oxidation Reduction

  
Principal



Teacher's Signature



Kai.Rasika Mahavidyalaya, Deoni. Dist. Latur

Teaching Plan

Sem. Winter-2019 Year 2019.. 2020.

Teacher's Name Mr. B.P. Ankush

Class & division B.Sc. F.Y. sem-I Subject organic chemistry


Month	Portion to be Covered
July.	Unit-I: Nomenclature of organic compds. Unit-II: Basic concepts of org. chemistry.
Aug	Unit-II: Basic concepts of org. chemistry Unit-III: Alkanes, Alkenes & Alkynes
Sept	Unit-III: Alkanes, Alkenes & Alkynes Unit-IV: Cycloalkanes, cycloalkenes and Dienes
Oct	Unit-IV: Cycloalkanes, cycloalkenes & Dienes.

Extra teaching hours plan to cover the Syllabus within the prescribed period.

Aug: Alkanes, Alkenes, & Alkynes (Remaining)

Sept: Cycloalkanes, cycloalkenes & Dienes (Remaining)

  
Principal

  
Teacher's Signature



Kai.Rasika Mahavidyalaya, Deoni. Dist. Latur  
Teaching Plan

Sem. Winter-2019 Year 2019.. 2020.

Teacher's Name Mr. B.P. Ankush

Class & division B.Sc. S.Y. (III) Subject Physical chemistry  
Sem.

Month	Portion to be Covered
July.	I: Atomic structure & wave mechanics
Aug	II: Thermodynamics III: concept of Entropy
sept	IV: phase Equilibrium
oct	IV: phase Equilibrium.

Extra teaching hours plan to cover the Syllabus within the prescribed period.

Aug: concept of Entropy (Remaining)

sept: phase Equilibrium (Remaining)

Principal

Teacher's Signature



Kai.Rasika Mahavidyalaya, Deoni. Dist. Latur

Teaching Plan

Sem. Winter-2019 Year 2019-2020.

Teacher's Name Mr. B. P. Ankush

Class & division B. Sc. T. Y. (Sem - V) Subject Inorganic chemistry

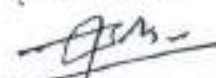
Month	Portion to be Covered
July	I: CO-ordination chemistry (I)
Aug	II: The chemistry of Elements in medicine. III: Organometallic compounds
Sept	IV: metal carbonyl
Oct	IV: metal carbonyl

Extra teaching hours plan to cover the Syllabus within the prescribed period.

July: CO-ordination chemistry

Aug: Organometallic compounds

  
Principal

  
Teacher's Signature

**Janseva Sevabhavi Prathisthan Bhopni's  
Kai. Rasika Mahavidyalaya Deoni,**

Annual Teaching Plan - Academic Year 2019-20

Class: B. Sc. F.Y SEM: (I and II) Subject: Physics

Paper: Mechanics and Properties of Matter (I), Heat and Thermodynamics(III)

Month	Topic and Sub-topic
June	<b>Unit-I Mechanics</b> Laws of Mechanics (Newton's Laws of Motion), Newton's Law of Gravitation
July	Keplar's Law of Planetary Motion, Gravitational Field, Gravitational Intensity, Gravitational Potential, Gravitational Potential energy, Conservation Law, Work, Power, Kinetic Energy ( Work Energy Theorem), Conservation of energy for a particle energy function, Motion of a body near the surface of earth, Types of conservative and non- conservative forces <b>Unit-II Surface Tension</b> Molecular Forces, Surface Tension & its explanation, Pressure difference across a curved surface, Expression for Excess Pressure inside a Spherical Drop and spherical Soap Bubble, Surface Tension by Jaeger's Method, Surface Tension by Ferguson Method.
August	<b>Unit- III Viscosity</b> Introduction, Coefficient of Viscosity, Streamline flow, critical velocity, Reynolds Number & its significance, Bernoullies Theorem, Poiseuille's equation for the flow of liquid through a tube, Experimental determination of coefficient viscosity by Poiseuille's Method.
September	<b>Unit- IV Elasticity</b> Introduction, Hooke's Law, Elastic Constants ( $Y$ , $K$ & $\eta$ ), Poisson's Ratio, Twisting couple on a cylinder or a (wire), Torsional pendulum ,Bending of Beam, Bending Moment, Cantilever (Weight of the beam is ineffective, Weight of the beam is effective), Depression of a Beam supported at the ends and loaded at the Centre, Determination of $Y$ by bending of beam.
October	University Exam
November	Diwali Holiday
December	<b>Unit-I Thermometry</b> Types of Thermometers, Centigrade and Fahrenheit scale, relation between Celsius, Kelvin, Fahrenheit & Rankine scales, Platinum resistance thermometer, Seebeck effect..
January	<b>Unit- II Real Gases and their behaviour</b> Behavior of gases at high pressure, Boyle temperature, Andrew's Experiment on CO <sub>2</sub> , Amagat's Experiment, Vander wall's Equation of State, Critical Constants, Corresponding states, Coefficients of Vander wall's Equation, Reduced Equation of State, Joule Thomson Porous Plug Experiment, Temperature of Inversion, Relation between Boyle temperature and Temperature of Inversion
February	<b>Unit-III Transport phenomenon in gases</b> Molecular Collisions, Mean free path, Expression for mean free path, Transport Phenomena, Viscosity of Gases, Thermal Conductivity of Gases, Diffusion, Inter relation between three transport coefficients..
March	<b>Unit-IV Thermodynamic and Thermodynamic Relations</b> First Law of Thermodynamics, Relation connecting $P$ , $V$ and $T$ in an Adiabatic Process, Second Law of Thermodynamics (Kelvin and Clausius statements), Carnot's cycle, Carnot's heat Engine, Carnot's Theorem, Entropy, Entropy of Irreversible processes entropy of reversible process, Third Law of Thermodynamics. Internal energy, Helmholtz' function, Enthalpy, Gibb's function, Maxwell's Thermodynamical Relations, $T$ - $dS$ equations, Clausius-Clapeyron latent heat equations.
April	University Exam

  
Head of Department

  
Principal  
Kai. Rasika Mahavidyalaya, Deoni  
Tq. Deoni Dist. Latur



Kai.Rasika Mahavidyalaya, Deoni. Dist. Latur

Teaching Plan

Sem. V Year 2019.. 2020.

Teacher's Name Dr. Muley Yogesh. M.

Class & division B.Sc. T.Y. Subject Metric space (XI)

Month	Portion to be Covered
Jul	Unit - I :- Definition and examples. open and closed sets.
Aug	Unit - II :- convergence and completeness continuity and uniform continuity
Sept	Unit - III :- Compactness, Connectedness

Extra teaching hours plan to cover the Syllabus within the prescribed period.

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Principal

  
Teacher's Signature



# Kai. Rasika Mahavidyalaya, Deoni

Teaching Plan

Sem Even Year 2019-20

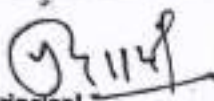
Teacher's Name Dr. Muley Y.M.

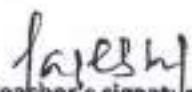
Class & division B.Sc.T.Y. Subject Numerical Analysis

Month	Portion to be Covered
Dec	Unit - I - Differences, operators, Interpolation with Equal Intervals.
Jan	Unit - II - Properties of Divided Differences. Unit - III - Numerical Differentiation Numerical Quadrature.
Feb	Unit - III - Numerical Quadrature
March	Numerical sol <sup>n</sup> of O.D.E.

Extra teaching hours plan to cover the syllabus within the prescribed period

In Jan - Chemistry's extra lecture was taken.

  
Principal

  
Teacher's signature



# Kai. Rasika Mahavidyalaya, Deoni

Teaching Plan

Sem EVEN Year 2019-20

Teacher's Name Dr. Muley Y.M.

Class & division B.Sc. T.Y. Subject Integral Calculus.

Month	Portion to be Covered
Dec.	Unit - I Laplace Transform. Unit - II - Inverse L.T.
Jan	Unit - II - Inverse Laplace Transform Unit - III - Fourier Transforms
Feb	} Unit - III - Fourier Transforms.
March	

Extra teaching hours plan to cover the syllabus within the prescribed period

in Jan - chemistry extra lecture was taken.

  
Principal

  
Teacher's signature





# Kai. Rasika Mahavidyalaya, Deoni

Teaching Plan

Sem Even Year 2019-20

Teacher's Name Dr. Muley Y.M.

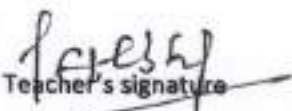
Class & division B.Sc. S.Y. Subject P.D.E.

Month	Portion to be Covered
Dec	Unit-I - P.D.E, Lagrange's linear eqn.
Jan	Unit-II - Charpit's Method, C.F, P.I. Unit-III - Separation of variables.
Feb	Unit-III - Heat, wave, Laplace eqn.
March	

Extra teaching hours plan to cover the syllabus within the prescribed period

In Jan - Chemistry's extra lecture was taken.

  
Principal

  
Teacher's signature



Kai.Rasika Mahavidyalaya, Deoni. Dist. Latur

## Teaching Plan

Sem. ~~even~~ - II Year 2019, 2020.

Teacher's Name ... Dr. Muley, Y.M. ....

Class &amp; division ... B.Sc. F.V. .... Subject ... Integral Calculus.


- Shanti Narayan + V.P. Singh, R.J. Shrivastava &amp; N.H. Singh

Month	Portion to be Covered
Dec	Unit-I- Integration of Algebraic Rational Functions Unit-II - Integration of Irrational Algebraic Functions.
Jan	Unit-II - -II- Unit-III - Integration of Transcendental Functions
Feb & March	Unit IV - Beta, Gamma functions & Multiple Integrals.

Extra teaching hours plan to cover the Syllabus within the prescribed period.

In Jan - Chemistry's Extra Lecture was taken.

  
Principal

  
Teacher's Signature



# Kai. Rasika Mahavidyalaya, Deoni

Teaching Plan  
Sem odej - I Year 2019-20.

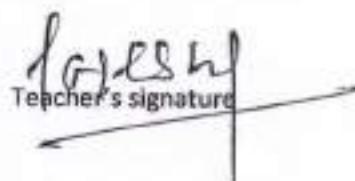
Teacher's Name Dr. Muley Y.M.

Class & division B.Sc. F.Y. Subject Differential Calculus.  
Diff. calculus - Shanti Narayan and P.K. Mittal.

Month	Portion to be Covered
July.	Unit-I - Differentiation. Unit-II - Expansion of functions.
Aug	Unit-II - Tangents and Normals Unit-III - Mean Value's Theorem.
Sept.	Unit IV - Partial Differentiation.

Extra teaching hours plan to cover the syllabus within the prescribed period

  
Principal

  
Teacher's signature



# Kai. Rasika Mahavidyalaya, Deoni

Teaching Plan  
Sem odd - III Year 2019-20

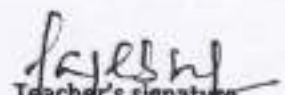
Teacher's Name Dr. Muley Y.M.

Class & division B.Sc.S.Y. Subject Real Analysis-I

Month	Portion to be Covered
July	Unit - I sets and Functions.
Aug	Unit - II sequence of Real Numbers
Sept.	Unit - III series of Real Numbers

Extra teaching hours plan to cover the syllabus within the prescribed period

  
Principal

  
Teacher's signature



# Kai. Rasika Mahavidyalaya, Deoni

Teaching Plan  
Sem odd-V Year 2019-20.

Teacher's Name Dr. M. W. Y. M.

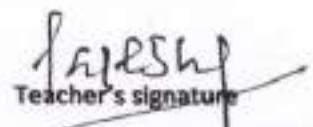
Class & division B.Sc.T.Y. Subject Complex Analysis

Complex Variables & Appl<sup>n</sup> - J.W. Brown & R.V. Churchill

Month	Portion to be Covered
July	Unit-I - Complex Numbers.
Aug	Unit-II - Analytic Functions
SEP.	Unit-III - Elementary Functions.

Extra teaching hours plan to cover the syllabus within the prescribed period

  
Principal

  
Teacher's signature



# Kai. Rasika Mahavidyalaya, Deoni

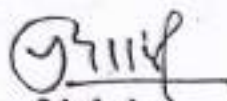
Teaching Plan  
Sem odd-V Year 2019-20

Teacher's Name Dr. Muley Y.M.

Class & division B.Sc. T.Y. Subject Metric space

Month	Portion to be Covered
July	Unit - I Definitions and Examples of metric sp. open and closed sets
Aug	Unit - II Convergence and Completeness continuity and uniform continuity.
Sep.	Unit - III Compactness, Connectedness.

Extra teaching hours plan to cover the syllabus within the prescribed period

  
Principal

  
Teacher's Signature



JSPB's

**Kai. Rasika Mahavidyalaya, Deoni**

(Commerce, Science & Information Technology College)

## Syllabus Completion Report

2019-20

Name of the Teacher: Dr. Muley Yogesh M.

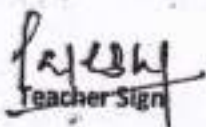
Faculty/Department: Mathematics

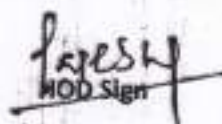
Subject: Mathematics (Even sem)

Date: 09/03/2020

Sr. No	Class	Semester	Paper No.	Paper's Name
1.	B.Sc. T.Y.	VI	XV	Numerical Analysis
2.	B.Sc. T.Y.	VI	XVI	Integral Transformation
3.	B.Sc. S.Y.	IV	XI	P.D.E.
4.	B.Sc. F.Y.	II	III	Integral Calculus.
5.	B.Sc. F.Y.	II	V	MATLAB Practical.

I have completed Syllabus of the above stated subject.

  
Teacher Sign

  
HOD Sign

  
Principal Sign



JSPB's

**Kai. Rasika Mahavidyalaya, Deoni**

(Commerce, Science & Information Technology College)

## Syllabus Completion Report

2019-20

Name of the Teacher: Dr. Muley Yogesh M.

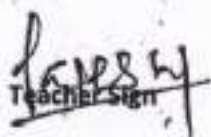
Faculty/Department: Mathematics

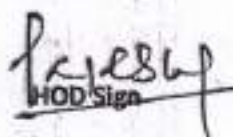
Subject: Mathematics (odd- sem)

Date: \_\_\_\_\_

Sr. No	Class	Semester	Paper No.	Paper's Name
1.	B.sc. T.Y.	V	XII	metric space
2.	B.sc. T.Y.	V	XIV	Complex Analysis.
3.	B.sc. S.Y.	III	VI	Real Analysis - I
4.	B.sc. F.Y.	I	I	Differential calculus.
5.	B.sc. F.Y.	I	V	MATLAB Practical

I have completed Syllabus of the above stated subject.

  
Teacher Sign

  
HOD Sign

  
Principal Sign





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**Kai. Rasika Mahavidyalaya, Deoni**

(Commerce, Science & Information Technology College)

## Syllabus Completion Report

2018-19

Name of the Teacher: Dr. Muley Yogesh M.

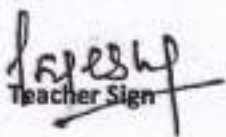
Faculty/Department: Mathematics

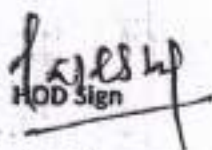
Subject: Mathematics (Even sem)

Date: \_\_\_\_\_

Sr. No	Class	Semester	Paper No.	Paper's Name
1.	B.Sc F.Y	VI	XVI	Integral Transform.
2.	B.Sc. S.Y	IV	XI	P.D.E.
3.	B.Sc. F.Y.	II	III	Integral calculus.
4.	B.Sc. F.Y.	II	IV	Geometry.
5.	B.Sc. F.Y	II	V	MATLAB practicals.

I have completed Syllabus of the above stated subject.

  
Teacher Sign

  
HOD Sign

  
Principal Sign



JSPB's  
Kai. Rasika Mahavidyalaya, Deoni, Dist. Latur  
Teaching Plan  
Sem I & II Year 2019- 2020

Teacher's Name Mr. Tenkale Mahadev Nagnath  
Class & division B.Sc/B.Com F.Y

Subject: Compulsory English

Month	Period to be covered
July	I have three Visions for India, Learning from the west, A Living God
August	Search for a Stranger, my Mistress eyes are nothing like the sun, Bright Star, Would I were Steadfast as thou Art
September	Language Learning, Communication Skills Emails, job Applications
Oct/Nov	
Nov/Dec.	The Annihilation of Caste, On the Rule of the Road
January	An Astrologer's day The kid, This Dog,
February	A poison Tree Language Learning
March	Report Writing, Composing News Items

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Tq. Deoni Dist. Latur



**JSPB's**  
**Kai. Rasika Mahavidyalaya, Deoni, Dist. Latur**  
**Teaching Plan**  
**Sem III & IV Year 2019- 2020**

Teacher's Name **Mr. Tenkale Mahadev Nagnath**  
Class & division **B.Sc/B.Com F.Y**

Subject: **Compulsory English**

Month	Period to be covered
July	The Happy Prince Spoken English and Broken English The Necklace, Prospects of Democracy in India
August	How much Land does a man need? The last leaf Gifts , Pyramus and Thisbe
September	Idioms, Phrases and Reported Speech
Oct/Nov	vocation
Nov/Dec.	Another's Sorrow , Astrophil and Stella, The Pulley
January	La Belle Dame Sans Merci, The Lost Leader, She Walks in beauty,
February	Upagupta ,The Despairing Lover, English Speech Sounds,
March	consonants and vowels

*Mr. Tenkale*

  
**Principal**  
Kai. Rasika Mahavidyalaya, Deoni  
Tq. Deoni Dist. Latur



JSPB's  
KAI. RASIKA MAHAVIDYALAYA, DEONI, DIST. LATUR

Teaching Plan – 2018- 2019

Name of Teacher : Dr. P. R. More

Class : B. Sc. SY

Semester: IV

Subject : Zoology

Paper No: IX

Name of Paper : ENDOCRINOLOGY, HISTOLOGY AND BIOCHEMISTRY (P-IX)

Month	Portion to be covered
DECEMBER	<b>UNIT -I</b> 1) Endocrinology i) Pituitary gland ii) Thyroid gland iii) Adrenal gland iv) Islet's of Langerhans (Pancreas) v) Menstrual Cycle.
JANUARY	<b>UNIT-II</b> 1) Histology of mammalian organs and tissues. i) Stomach ii) Intestine iii) Pancreas iv) Liver v) Kidney vi) Testes vii) Ovary.
FEBRUARY	<b>UNIT-III</b> 1) Carbohydrate metabolism: i) Glycogenesis, Glycogenolysis and Gluconeogenesis ii) Glycolysis iii) Krebs's cycle
MARCH	<b>Unit- IV</b> 1) Protein metabolism i) Deamination and Transamination ii) Ornithine cycle. 2) Lipid metabolism : i) B-Oxidation ii) Ketosis, Ketogenesis and Ketolysis.

Extra teaching hours plan to cover the syllabus within the prescribed period.

  
Teacher's Signature

  
IQAC COORDINATOR  
Kai.Rasika Mahavidyalaya, Deoni  
Tq.Deoni Dist.Latur

  
Principal  
Kai. Rasika Mahavidyalaya, Deoni  
Tq. Deoni Dist. Latur



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KAI. RASIKA MAHAVIDYALAYA, DEONI, DIST. LATUR

Teaching Plan – 2018- 2019

Name of Teacher : Dr. P. R. More

Class : B. Sc TY

Semester: V

Subject : Zoology

Paper No: XIII

Name of Paper : Pisciculture – XIII-A

Month	Portion to be covered
July	<b>UNIT -I</b> 1. Fish Farm Engineering 1.1 Topography; 1.2 Soil type; 1.3 Water supply; 1.4 Layout of fish farm 2. Fish Farm Management 2.1 Preparation and Management of Nursery pond 2.2 Preparation and Management of Rearing pond 2.3 Preparation and Management of Stocking Pond
August	1. Biology of Indigenous and Exotic carps. 2. Fish seed resources 2.1 Natural resources- Riverine resources 2.2 Artificial resources- Induced breeding by Hypophysation a) Historical back ground b) Technique of Induced breeding c) Bundh breeding d) Chinese hatchery e) Striping method 2.3 Transportation of fish seed and brooders.
September	<b>UNIT-III</b> 1) Carbohydrate metabolism: i) Glycogenesis, Glycogenolysis and Gluconogenesis ii) Glycolysis iii) Krebs's cycle
October	<b>Unit- IV</b> 1) Protein metabolism : i) Deamination and Transamination ii) Ornithine cycle. 2) Lipid metabolism : i) B-Oxidation ii) Ketosis, Ketogenesis and Ketolysis.

Extra teaching hours plan to cover the syllabus within the prescribed period.

  
Teacher's Signature

  
Principal  
Principal  
Kai. Rasika Mahavidyalaya, Deoni  
Tq. Deoni Dist. Latur

  
IQAC COORDINATOR  
Kai. Rasika Mahavidyalaya, Deoni  
Tq. Deoni Dist. Latur



JSPB's  
KAI. RASIKA MAHAVIDYALAYA, DEONI, DIST. LATUR

Teaching Plan – 2018- 2019

Name of Teacher : Dr. P. R. More

Class : B. Sc. SY

Semester: VI

Subject : Zoology

Paper No: XV (A)

Name of Paper : Title of Paper: Aquaculture

Month	Portion to be covered
December	<b>UNIT -I</b> 1. <b>Introduction to Aquaculture</b> i) Definition, Scope and importance of aquaculture ii) Concepts of extensive aquaculture, intensive aquaculture. 2. <b>Types of Aquaculture</b> i) Monoculture ii) Polyculture iii) Integrated fish farming – a) Paddy cum fish culture b) Fish-cum pig farming c) Cattle-cum fish farming d) Fish-cum duck farming
January	<b>UNIT-II</b> 1. <b>Culture Methods</b> i) Pen culture ii) Cage culture 2. <b>Sewage Fed Fish Culture</b> i) Composition of sewage ii) Use of sewage for fish culture iii) Fish species suitable for sewage fed fish culture 3. <b>Man Made Hazards and Aquaculture</b> i) Domestic Sewage ii) Agricultural Sewage iii) Industrial Effluents
February	<b>UNIT-III</b> 1. <b>Characteristics of Water</b> i) Physical ii) Chemical ii) Biological 2. <b>Larvivorous Fishes</b> i) Characteristics of Larvicidal Fishes. ii) Larvicidal Fishes in India- Exotic species; Indigenous Species iii) Role of Larvivorous fishes in relation to Public health 3. <b>Aquatic weeds and their control</b> i) Types of weeds ii) Advantages and Disadvantages of weeds iii) Weed Control – Manual, Mechanical, Chemical and Biological
March	<b>Unit- IV</b> 1. <b>Culture of Non Fish Organisms</b> 1. Fresh water Prawn Culture 2. Pearl Oyster Culture and Edible Oyster Culture 3. Mussel Culture 2. <b>Mariculture</b> i) Introduction ii) Types of Mariculture iii) Fish Species for Mariculture 3. <b>Government Participation in Aquaculture</b> ICAR, Ministry of Agriculture, Ministry of Commerce, Ministry of Food Processing Industry.

Extra teaching hours plan to cover the syllabus within the prescribed period.

Teacher's Signature

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**Principal**  
Principal  
Kai. Rasika Mahavidyalaya, Deoni  
Tq. Deoni Dist. Latur



## Kai. Rasika Mahavidyalaya, Deoni

Teaching Plan

Sem I Year 2018-19

Teacher's Name Dr. Somani U.Y.

Class & division Bcom Fy Subject Business Economics-I

Month	Portion to be Covered
July 2018	Unit - I - Introduction
August 2018	<del>Elasti</del> Unit - II - Elasticity of Demand Unit - III - Production Function
Sept 2018	Unit - III - Production Function Unit - IV - Theory Cost

Extra teaching hours plan to cover the syllabus within the prescribed period

  
Principal

  
Teacher's signature



Kai. Rasika

yalaya, Deoni

Sem I Year 2018-19

g Plan

Teacher's Name Dr. Somani U.V.

Class & division B.com Fy Subject Financial Accounting-I

Month	Portion to be Covered
July.2018	1) Unit - I - Introduction Journal, Ledger, Trial Balance 2) Unit - II - Subsidiary Book
August 2018	2) Unit - II - Subsidiary Book 3) Unit - III - Rectification of Errors
Sept. 2018	4) Unit - IV - Final Account.

Extra teaching hours plan to cover the syllabus within the prescribed period

10 Lectures For Introduction in July month

  
Principal

  
Teacher's signature





# Kai. Rasika Mahavidyalaya, Deoni

Teaching Plan

Sem I Year 2018-19

Teacher's Name Dr. Dengale S.S.

Class & division B.com.F.Y. Subject Business statistics & math.

Month	Portion to be Covered
Aug. 2018	<u>Unit - II</u> measures of central tendency (Averages)
Sept 2018	<u>Unit III</u> measures of Dispersion <u>Unit IV</u> co-relation analysis
Oct 2018	<u>Unit - V</u> Regression Analysis.

Extra teaching hours plan to cover the syllabus within the prescribed period

Aug - measures of central tendency.  
Oct - Regression Analysis.

Dengale  
Principal

Dengale  
Teacher's signature  
Dr. Dengale S.S.



# Kai. Rasika Mahavidyalaya, Deoni

Teaching Plan

Sem III Year 2018-19

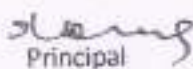
Teacher's Name Dr. Dergale S.S.


Class & division \_\_\_\_\_ Subject Principles of Business Management - Practice

Month	Portion to be Covered
Aug	Unit - III Staffing & Organising.
Sept	Unit - IV New trends in management Unit - V - Managerial Skills.
Oct	

Extra teaching hours plan to cover the syllabus within the prescribed period

Aug - Staffing & Organising.

  
Principal

  
Teacher's signature  
Dr. Dergale S.S.



## Kai. Rasika Mahavidyalaya, Deoni

Teaching Plan

Sem III Year 2018-19

Teacher's Name Dr. Somanji N.V.

Class & division BComSY Subject COST Accounting-I

Month	Portion to be Covered
July 2018	Unit - I . Introduction TO Cost Accounting Unit - II . Single output Costing
August 2018	Unit - III - Material Cost Unit - IV . Labour Cost
Sept 2018	Unit - V . Overhead & Machine Hours Rate

Extra teaching hours plan to cover the syllabus within the prescribed period

  
Principal

  
Teacher's signature



# Kai. Rasika Mahavidyalaya, Deoni

Sem III Teaching Plan  
Year 2018-19

Teacher's Name Dr. Somani U.V.

Class & division Bcom 54 Subject Banking & Finance

Month	Portion to be Covered
July 2018	Unit-I - Introduction Banking Systems
August 2018	Unit-II - Banking Regulation Act - 1949 Unit-III - Nationalization of Commercial Bank
Sept 2018	Unit-IV - Development Banks in India Unit-V - Digital Banking

Extra teaching hours plan to cover the syllabus within the prescribed period

1) Visit The Bank - 05 Hours

  
Principal

  
Teacher's signature



# Kai. Rasika Mahavidyalaya, Deoni

Teaching Plan

Sem VI Year 2018-19

Teacher's Name Dr. Dergale S.S.


Class & division B.com-F.Y. Subject Management Accounting - 2

Month	Portion to be Covered
Aug	<u>Unit - III</u> cash flow statement
sept	cash flow statement <u>unit IV</u> marginal costing and Break even Analysis.
oct	<u>Unit V</u> Budget and Budgetary control.

Extra teaching hours plan to cover the syllabus within the prescribed period

Aug - cash flow statement  
oct Budget and Budgetary control

  
Principal

  
Teacher's signature  
Dr. Dergale S.S.



# Kai. Rasika Mahavidyalaya, Deoni

Teaching Plan

Sem VI Year 2018-19

Teacher's Name Dr. Dengale S.S.

Class & division B.com - P.Y Subject Human Resource management - I

Month	Portion to be Covered
Aug	Unit - III Recruitment
Sept	Unit - IV selection Unit - V Human Resource Development
Oct	Unit - VI Human Resource Development.

Extra teaching hours plan to cover the syllabus within the prescribed period

  
Principal

  
Teacher's signature  
Dr. Dengale S.S.



# Kai. Rasika Mahavidyalaya, Deoni

Teaching Plan

Sem V Year 2018-19

Teacher's Name Dr. Somani U.V.

Class & division B.COM IV Subject marketing management

Month	Portion to be Covered
July 2018	Unit - I - marketing Unit - II - marketing Planning
August 2018	Unit - III - Product & Pricing Decision Unit - IV - Physical Distribution and Promotion
Sept 2018	Unit - V - marketing Information Systems

Extra teaching hours plan to cover the syllabus within the prescribed period

  
Principal

  
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KAL RASIKA MAHAVIDYALAYA, DEONI, DIST. LATUR

Teaching Plan – 20 18 - 20 19

Name of Teacher : Dr. Sudarshan Sambhajirao Pedge  
Class : B. Sc FY Semester: I  
Subject : Zoology Paper No: II  
Name of Paper : Cell Biology

Month	Portion to be covered
JULY	UNIT –I 1. Introduction to Cell Biology 2. Microcopy 3. Types of Cells 4. Plasma membrane
AUGUST	UNIT-II 1. Endoplasmic Reticulum 2. Golgi Complex 3. Mitochondria 4. Ribosomes
SEPTEMBER	UNIT-III 1. Lysosomes 2. Nucleus 3. Nucleolus 4. Chromosomes
OCTOBER	Unit- IV 1. Cell Cycle 2. Cytology of Cancer

Extra teaching hours plan to cover the syllabus within the prescribed period.

  
Teacher's Signature

  
Principal

Principal  
Kal. Rasika Mahavidyalaya, Deoni  
Tq. Deoni Dist. Latur





JSPB's  
KAL. RASIKA MAHAVIDYALAYA, DEONI, DIST. LATUR

Teaching Plan – 20 18 - 2019

Name of Teacher : Dr. Sudarshan Sambhajirao Pedge

Class : B. Sc FY

Semester: II

Subject : Zoology

Paper No: II

Name of Paper : CCZ-II- Developmental Biology

Month	Portion to be covered
DECEMBER	UNIT -I 1. Introduction to Developmental Biology 2. Gametogenesis 3. Types of Eggs
JANUARY	UNIT-II 1. Gametes of Frog 2. Frog Embryology 3. Regeneration in non chordates and chordates
FEBRUARY	UNIT-III 1. Chick Embryology 2. Placentation in Mammals
MARCH	Unit- IV 1. Stem Cell 2. Embryo Transfer Techniques 3. Parthenogenesis

Extra teaching hours plan to cover the syllabus within the prescribed period.

Teacher's Signature

Principal

Principal  
Kal. Rasika Mahavidyalaya, Deoni  
Tq. Deoni Dist. Latur



JSPB's  
**KAL. RASIKA MAHAVIDYALAYA, DEONI, DIST. LATUR**  
**Teaching Plan – 20 18 - 20 19**

Name of Teacher : Dr. Sudarshan Sambhajirao Pedge

Class : B. Sc Second Year

Semester: III

Subject : Zoology

Paper No: VI

Name of Paper : CCZ-III Genetics

Month	Portion to be covered
<b>JULY</b>	Unit-I 1). Introduction of Genetics 2). Mendelism 3). Interaction of Genes
<b>AUGUST</b>	Unit II 1. Multiple Alleles and Genes 2. Linkage and Crossing over
<b>SEPTEMBER</b>	Unit – III 1. Sex Determination 2. Sex linked inheritance 3. Cytoplasmic Inheritance 4. Mutation
<b>OCTOBER</b>	Unit-IV 1. Human Genetics 2. Nature and functions of genetic materials.

Extra teaching hours plan to cover the syllabus within the prescribed period.

Teacher's Signature

Principal

Principal  
Kal. Rasika Mahavidyalaya, Deoni  
Tq. Deoni Dist. Latur



JSPB's  
**KAL RASIKA MAHAVIDYALAYA, DEONI, DIST. LATUR**  
Teaching Plan – 20 18 - 20 19

Name of Teacher : Dr. Sudarshan Sambhajirao Pedge

Class : B. Sc Second Year

Semester: IV

Subject : Zoology

Paper No: VI

Name of Paper : CCZ-IV- Genetic Engineering and Evolution

Month	Portion to be covered
December	<b>Unit-I</b> 1). Introduction of Genetic Engineering 2). Recombinant DNA Technology 3). Techniques
January	<b>Unit II</b> 1. Construction of rDNA 2. c-DNA and Genomic Libraries 3. Transgenesis and Transgenic animals (Dolly Sheep) 4. DNA Fingerprinting
February	<b>Unit – III</b> 1. Concept of evolution Theory 2. Theories of Organic Evolution
March	<b>Unit-IV</b> 1. Evidence of organic evolution 2. Adaptations 3. Hardy-Weinberg's law

Extra teaching hours plan to cover the syllabus within the prescribed period.

  
Teacher's Signature

  
Principal  
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Kal. Rasika Mahavidyalaya, Deoni  
Tq. Deoni Dist. Latur

**Kai. Rasika Mahavidyalaya, Deoni**

**Yearly Teaching Plan (2018-19)**

Name of the teacher: Bhusawale A.N.

Class: B. Com. S.Y. (III & IV Sem)

Subject: **New Trends in Corporate Accounting**

Month	Topic(s) to be taught
June	Admission Process
July	<b>UNIT – I. Recent Concepts in Corporate Accounting</b> Introduction to corporate Account , online Banking, E-transaction, D-Mat Account, Debit Card, Credit Card, Swipe Machine, ATM. <b>Unit- II. Issue of shares</b> Meaning and procedure of issue, Forfeiture and reissue of Equity Shares, Practical Problems on Accounting Entries of Issue, Pro-rata allotment of Shares
August	<b>Unit- III. Redemption of preference shares:</b> Meaning and Procedure of redemption of preference shares, Types of preference shares, Redemption out of Fresh issue of Equity Shares, Redemption out of revenue Profit of Company, Practical Problems on accounting entries of redemption of preference shares, and balance sheet after redemptions of preference shares <b>Unit- IV. Company final accounts :</b> Preparation of profit and loss account,
September	profit and loss appropriation, account and balance sheet in prescribed forms. <b>Unit-V. Profit prior to incorporation:</b> Meaning, allocation of expenses and incomes between pre and post period, Finding Profit and Loss.
Oct-Nov	<b>Diwali &amp; University Winter Exam – 2018-19</b>
December	<b>Subject: <u>Advanced Corporate Accounting</u> Semester IV</b> <b>UNIT – I. Redemption of Debenture</b> Meaning, types of debenture, Redemption of debenture. Problem on sinking fund Method only <b>UNIT – II. Amalgamation of Companies.</b> Meaning, Causes of Amalgamation of companies, Methods of Purchase consideration, Opening & Closing Entries in the books of companies and
January	preparation of Balance Sheet. <b>UNIT III:- Reconstruction of a company :-</b> Meaning and need of reconstruction of a company- types of reconstruction- Accounting entries related to internal reconstruction only- Preparation of revised balance sheet.
February	<b>UNIT III: - Holding company Accounts:</b> Meaning of Holding company and subsidiary company, holding company accounts with its only one subsidiary company, consolidated balance sheet, pre-acquisition and post-acquisition of profit, inter - company debts, bills and debentures, cost of control, minority interest, practical problems on consolidated balance sheet.
March	<b>UNIT VI:- Liquidation of a company:</b> Meaning and causes of liquidation of a company, process of liquidation of a company, role of company liquidator, accounting treatment of voluntary liquidation of a company.
	<b>University Summer Exam 2018-19</b>

*A.N. Bhusawale*  
Signature of the Teacher

*G. O. P.*  
Signature of H O D


**Janseva Sevabhavi Prathisthan Bhopni's  
Kai. Rasika Mahavidyalaya Deoni,**

Annual Teaching Plan - Academic Year 2018-19

**Class:** B. Sc. T.Y    **SEM:** (V and VI)    **Subject:** Physics

**Paper:** Solid State Physics(P. No. XIII-A) and Digital and communication electronics(P. N.-XV-A)

Month	Topic and Sub-topic
June	---
July	<b>Unit-I Crystal structure:</b> Introduction, Crystal Lattices and bases and Translation vectors, Unit cell, Symmetry operations, Point groups, space group, Types of lattices, Bragg's Law, Simple crystal structure (FCC, BCC), Structure of Diamond, ZnS, NaCl, Problems..
August	<b>Unit-II Bonding in Solids and X-Ray Diffraction</b> Inter atomic forces and types of bonding, ionic bond, covalent bond, metallic bond, hydrogen bond, Vander-waal's bond. X-ray diffraction, Bragg's law, Laue's method, Rotating crystal method
September	<b>Unit- III Thermal Properties of Solid</b> Specific heat of solids, Classical theory of Lattice heat Capacity, Einstein's theory of heat Capacity, Limitations, Debye's theory of specific heat of solids, Debye continuum Model..
October	<b>Unit- IV Free Electron Theory of Metals</b> Drude-Lorentz theory, Thermal conductivity, Electrical conductivity, Widemann-Franz relation, Sommerfeld Model, Quantum theory of free electron in a box..
November	<b>University Exam</b>
December	<b>Unit-I Number system</b> Decimal numbers, Binary numbers, Binary arithmetic, Octal Numbers, Hexadecimal numbers, Inter-conversions of number systems. Binary coded decimal (BCD), Gray code, Excess-3 code.
January	<b>Unit-II Logic Gates:</b> AND gate, OR gate, NOT gate, NAND gate, NOR gate, EX-OR and EX-NOR gates, Universal properties of NAND gates. Boolean operations, logic expressions for 2,3 & 4 inputs, laws of Boolean algebra Boolean operations, logic expressions for 2,3 & 4 inputs, laws of Boolean algebra, De -Morgen's theorems, SOP form of Boolean expressions, simplification of Boolean expressions using K- maps (up to 4 variables), Half adder, Full adder
February	<b>Unit-III Modulation demodulation</b> Introduction, types of modulation, Expression for AM Voltage, AM Waves, Frequency spectrum of AM waves, power output in AM waves, Expression for frequency modulated voltage and phase modulation voltage, Principle of demodulation, Linear diode detector or demodulator, FM-demodulation-Phase discriminator.
March	<b>Unit-IV Communication Electronics:</b> Introduction, Block diagram of basic communication system, classification based on the technique of signal transmission: Base band signal, base band transmission, communication system using modulation, need of modulation in communication system, A.M. receiver: Turned Radio Frequency(TRF)Receiver, Super heterodyne receiver, Characteristics of radio receivers: sensitivity, selectivity, fidelity & their measurements.
April	<b>University Exam</b>

  
Teacher Sign

*Janseva*  
**Principal**  
Kai Rasika Mahavidyalaya  
Deoni Tq. Deoni Dist. Latur

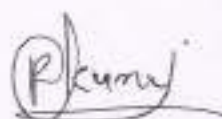
**Janseva Sevabhavi Prathisthan Bhopni's  
Kai. Rasika Mahavidyalaya Deoni,**

Annual Teaching Plan - Academic Year 2018-19

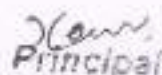
**Class: B. Sc. S.Y SEM: (VII and IX) Subject: Physic**

**Paper: Statistical physics, E.M. theory & Relativity (VII) and Electronics (IX)**

Month	Topic and Sub-topic
June	<b>Unit-I Statistical Basis and Thermodynamics</b> Statistical Basis, probability, probability and frequency,
July	permutation and combinations, Micro and Macro states, Thermodynamic probability, Entropy & probability. <b>Unit-II Classical Statistics and Quantum Statistics</b> Phase space, Maxwell-Boltzmann Statistics and Distribution law, Quantum Statistics- Bose- Einstein Statistics and Distribution law, Fermi- Dirac Statistics and Distribution law, comparison of M. B., B.E. and F. D. statistics, Application of Quantum statistics to Photon gas and Electron gas.
August	<b>Unit- III Electromagnetic Theory and Maxwell's Equations</b> Ampere's Law, Generalization of Ampere's Law and displacement current, Maxwell's Equations, Derivation of Maxwell's Equations, The electromagnetic Energy, and Poynting Vector, The wave Equation.
September	<b>Unit- IV Relativity</b> Introduction, frame of reference, Postulates of Special Theory of Relativity, Galilean Transformations, Lorentz Transformations, Length Contraction, Time dilation, Velocity addition, relativity of mass, Mass energy relation.
October	University Exam
November	Diwali Holiday
December	<b>Unit-I Regulated Power supply :</b> Introduction, ordinary D. C. power supply, Voltage regulation, minimum load resistance, Regulated power supply, Need of regulated power supply, Types of regulators, for low voltage, for high voltage, Zener diode voltage regulator,, Transistor series voltage regulator Series feedback voltage regulator short circuit protection, Transistor shunt voltage regulator, Definition of Line and Load regulation, Problems.
January	<b>Unit- Bipolar Junction Transistors (BJT):</b> Transistor Connections: Common base, common emitter, common collector, Characteristics of common base, common emitter, common collector connections, transistor Load line Analysis, Operating point. Faithful Amplification, Transistor biasing, Stabilization, voltage divider bias Method, Hybrid parameters (or h parameters) Determination of h-parameters, Analysis of common emitter amplifier using h-parameters (current gain, voltage gain, power gain, input resistance and output resistance)
February	<b>Unit- Operational Amplifier:</b> Operational Amplifier, Basic circuit of differential amplifier, common Mode and differential mode signals, block diagram of Op-Amp, schematic symbol, ideal Characteristics, input offset voltage; input offset current, input bias current, input impedance, Output impedance, open loop gain, Slew rate, Inverting amplifier, Noninverting amplifier.
March	<b>Unit-IV Sinusoidal Oscillators:</b> Sinusoidal Oscillator, Types of sinusoidal Oscillators, Oscillatory circuit, Positive feedback Amplifier-Oscillator, Elements of Transistor Oscillator, Barkhausen Criterion, Hartley oscillator, Colpitt's oscillator, R-C Network, Phase shift oscillator,
April	University Exam



Teacher Sign



Principal  
Kai Rasika Mahavidyalaya  
Deoni Tq. Deoni Dist. Latur

# Janseva Sevabhavi Prathisthan Bhopni's

## Kai. Rasika Mahavidyalaya Deoni,

Annual Teaching Plan - Academic Year 2018-19

Class: B. Sc. F.Y SEM: (I and II) Subject: Physics

Paper: Mechanics and Properties of Matter (I), Heat and Thermodynamics(III)

Month	Topic and Sub-topic
June	<b>Unit-I Mechanics</b> Frames of reference, Laws of Mechanics (Newton's Laws of motion), inertial frame of reference, Centre of Mass. Conservation of momentum.
July	Work, energy work energy Theorem, Conservation of energy, Angular velocity and angular momentum, Angular Momentum and Torque, Conservation of angular momentum Newton's law of Gravitation, Kepler's laws of Planetary Motion, Kepler's deduction from Newton's laws, Gravitational Field, Gravitational Intensity, Gravitational Potential, Gravitational Potential energy, Potential and field Intensity due to uniform Solid Sphere at a point (Point inside and outside) <b>Unit-II Surface Tension</b> Definition of Surface Tension, Curvature pressure and Surface Tension, Difference of pressure on two sides of liquid surface, Expression for Excess Pressure inside a Spherical Drop and spherical Soap Bubble, Surface Tension by Jaeger's Method, Surface Tension by Ferguson Method..
August	<b>Unit- III Viscosity</b> Introduction, Coefficient of Viscosity, Streamline flow, critical velocity, Bernoulli's theorem, (Kinetic energy, Potential energy, Pressure energy) Poiseuille's equation for the flow of liquid through a tube, Determination of coefficient viscosity by Poiseuille's Method.
September	<b>Unit- IV Elasticity</b> Definition of three types of Elastic stress and Strains, Deformation of cube ( Bulk Modulus), Modulus of Rigidity and Young's modulus, Relation connecting elastic constants, Twisting couple on a cylinder or a (wire), Tensional pendulum. Bending of Beam, Bending Moment, Cantilever (Weight of the beam is ineffective, Weight of the beam is effective), Depression of a Beam supported at the ends and loaded at the centre, Determination of Y by bending of beam.
October	University Exam
November	Diwali Holiday and University Exam
December	<b>Unit-I Kinetic Theory</b> Mean free path, Transport Phenomena, Viscosity of Gases, Thermal Conductivity of Gases, Diffusion, Inter relation between three transport coefficients
January	<b>Unit- II Low Temperature Physics</b> Andrew's Experiment on CO <sub>2</sub> , Amagat's Experiment, Behavior of Gases at high pressure, Porous Plug Experiment, Vander wall's Equation of State, Critical Constants, Corresponding states, Coefficients of Vander wall's Equation, Boyles temperature, Temperature of Inversion Relation between Boyles temperature and Temperature of Inversion, Reduced Equation of State, properties of matter near critical point.
February	<b>Unit-III Thermodynamics</b> First Law of Thermodynamics, Relation connecting P, V and T in an Adiabatic Process, Second Law of Thermodynamics (Kelvin and Clausius statements), Carnot's cycle, Carnot's heat Engine, Carnot's Theorem, Entropy, Entropy of Irreversible processes, entropy of reversible process Third Law of Thermodynamics. Maxwell's Thermodynamical Relations, T- ds equations, Clausius-Clapeyron latent heat equations, Internal energy, Helmholtz' function, Enthalpy, Gibb's function
March	<b>Unit-IV Theory of radiation</b> Blackbody radiation, Spectral distribution, Concept of Energy Density, Derivation of Planck's law, Deduction of Wien's distribution law, Rayleigh- Jeans Law, Stefan Boltzmann Law and Wien's displacement law from Planck's law
April	University Exam



Head of Department

Yam  
Principal  
Principal

Kai.Rasika Mahavidyalaya  
Deoni Dist.Latkr

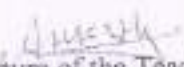
**Kai. Rasika Mahavidyalaya, Deoni**  
**Yearly Teaching Plan (2018-2019)**

Name of the teacher: Bhusawale A.N.

Class: B.Com. S.Y. (III<sup>rd</sup> & IV<sup>th</sup> Sem)

Subject: Income Tax

Month	Topic(s) to be taught
June	
July	Chapter 1: Introduction History of Income tax Act 1961  Chapter 2 : Basic concepts Agriculture income, Person, Previous Year, Assessment Year, Assesses, Income, Gross Total Income, total Income  Chapter 3: Income from Salary
Aug-Sep	<b>Chapter 4:</b> Income from house property
Sep	<b>Chapter 5:</b> Income from capital Gain
Oct-Nov	<b>Semester End University Exam</b>
Dec	<b>Chapter 1</b> Exempted Income under Section 10
Jan	<b>Chapter 2</b> Income from Profession  <b>Chapter 3</b> Incomes from Business
Feb	<b>Chapter 4</b> Income from other source
Mar	<b>Chapter 5</b> Computation of total income with deduction under section 80C 80D 80DD, 80U and 80E
Mar-Apr	<b>Semester End University Exam</b>

  
Signature of the Teacher

  
Signature of HOD



**Kai. Rasika Mahavidyalaya, Deoni**  
**Yearly Teaching Plan (2018-19)**

Name of the teacher: Bhusawale A.N. Class: B.Com. First Year (I & II Sem)

Subject:- Computer for Business and Tally - I

Month	Topic(s) to be taught
June	Admission Process
July	<b>Unit : I Introduction to computer:</b> Meaning, Definition, importance, Features & functions of computer, Components of computer, Types of computer, Hardware and software, input & output devices, Role of computers in business. <b>Unit II : Computer Memory &amp; Languages:</b> Introduction, Meaning & types of computer Memory- Primary and Secondary memories.
August	<b>Types of storage Devices:</b> Auxiliary storage, tapes, floppy disks, hard disks, compact disk, pen device (USB) Computer Languages, Advantages & limitations. <b>Unit III : Number System:</b> Introduction, Types of number system-Decimal, Binary, Octal and Hexadecimal (Simple numerical problems of conversion of number from one number system to another are to be covered)
September	<b>Unit IV :Computer Based business applications:</b> Operating system window, word processing, MS-word, MS-Excel, work with MS-Word & MS-Excel, formatting document, text designing, column, Tables & Graphs <b>Unit V: Computer Networking (Internet)</b> Introduction, Importance of Internet, Internet & WWW, Internet & E-Mail, Internet & E-Commerce, social networking, advantages & disadvantages of social networking for business.
Oct- Nov	<b>University Winter Exam 2018-19</b>
December	<b>Subject- Tally</b> <span style="float: right;"><b>II<sup>nd</sup> -Semester</b></span> 1) Basic Accounting 2) Business organization 3) Accounting on computer 4) Tally Fundamental 5) Features of Tally 6) Processing transaction in Tally 7) Generating and printing of accounting report 8) Tally vouchers and types of vouchers <b>PART B:</b> 1) Introduction to Trading Accounting
January	2) Purchases and sales 3) Getting Functional with Tally
February	4) Display and Report 5) Tally Audit
March	<b>Mar- April University Summer Exam 2018-19</b>

Signature of the Teacher

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**KAL RASIKA MAHAVIDYALAYA, DEONI, DIST. LATUR**  
Teaching Plan – 20 18 - 20 19

Name of Teacher : Dr. Sudarshan Sambhajirao Pedge

Class : B. Sc Third Year

Semester: V

Subject : Zoology

Paper No: XII

Name of Paper : DSEZ-I- Ecology & Zoo-geography

Month	Portion to be covered
JULY	UNIT – I 1. Ecology- Introduction and scope of ecology 2. Introduction to Ecosystem 3. Bio-geochemical Cycles 4. Spheres of Earth
AUGUST	UNIT – II 1. Population Ecology 2. Biotic interactions.
SEPTEMBER	UNIT – III 1. Pollution – Sources, Effects and Control 2. Energy Resources.
OCTOBER	UNIT – IV 1. Adaptations 2. Wildlife Conservation and Endangered Species. 3. Zoogeographical Realms

Extra teaching hours plan to cover the syllabus within the prescribed period.

Teacher's Signature

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**KAL. RASIKA MAHAVIDYALAYA, DEONI, DIST. LATUR**  
**Teaching Plan – 2018 - 2019**

Name of Teacher : Dr. Sudarshan Sambhajirao Pedge  
Class : B. Sc Third Year Semester: VI  
Subject : Zoology Paper No: XIV  
Name of Paper : Ethology, Biometry and Bioinformatics

Month	Portion to be covered
Dec	<b>UNIT – I Ethology</b> <b>1. Classification of Animal Behaviour-</b> 1.1. Inborn or stereotyped animal behaviour – 1.2. Acquired animal behaviour 1.3 Social Behaviour in Insects –Honeybee.
Jan	<b>UNIT – II Ethology</b> <b>1. Communication in animals</b> 1.1 Auditory Communication 1.2 Chemical Communication 1.3 Visual Communication 1.4 Tactile Communication <b>2. Mimicry and Colouration</b> 2.1 Types of Mimicry- 2.2 Types of Colouration-
Feb	<b>UNIT – III Biometry</b> <b>1. Collection and Classification of Data</b> 1.1 Methods of collection of data 1.2 Types of classification of data - <b>2. Measures of Central Tendency</b> Arithmetic Mean, Median and Mode <b>3. Graphic Representation of Data</b> 3.1. Histogram 3.2 Pie Diagram 3.3 Polygon Frequency Curve
Mar	<b>UNIT – IV Bioinformatics</b> 1.1 Computer and their Applications in Biology 1.2 Internet and its Uses 1.3 World Wide Web 1.4 Search Engines 1.5 Broad Applications of Bioinformatics 1.6 Introduction to Biological Database- a) NCBI, b) Pub Med

Extra teaching hours plan to cover the syllabus within the prescribed period.

  
Teacher's Signature

  
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**Kai. Rasika Mahavidyalaya, Deoni**  
**Yearly Teaching Plan (2018-19)**

Name of the teacher: Bhusawale A.N. Class: B.Com. Third Year (Sem V & VI)  
 Subject:- XXIII Advanced Accounting - I

Month	Topic(s) to be taught
June	Admission Process
July	<b>Unit I. Accounting Standards</b> Introduction, Significance, Scope of Accounting standards, Accounting Standard Board, Procedure of issuing Accounting standard, Indian Accounting Standard, International Accounting standards <b>Unit II- Hotel Business Accounting</b> Meaning, Importance of Hotel Business Accounting, Preparation of Final Accounts of Hotel Business
August	<b>Unit III - Underwriting of Shares and Debentures:</b> Basic concepts, underwriting commission, preparation of underwriters' Account. <b>Unit IV – Branch Accounting:</b> Introduction, Meaning of Branch Accounting, Types of Branches, Preparation of Branch account as per Debtors system and stock and Debtors System.
September	<b>Unit V- Agricultural Accounting:</b> Introduction, Meaning, Importance of agricultural accounting, Preparation of Agricultural account, Problems on farm accounting.
Oct- Nov	<b>Diwali &amp; university Winter Exam 2018-19</b>
December	<b>Subject: Advance Accounting-II</b> <span style="float: right;">VI<sup>th</sup> Semester</span> <b>UNIT I - Accounts of Electricity Company</b> The Double Entry Accounting System – Meaning & Advantages. Preparation of Electricity Company Accounts
January	<b>UNIT II. Departmental Accounts:</b> Meaning, Importance of Departmental Account, Preparation of Departmental Profit and Loss A/c, Balance Sheet and General Profit and Loss Account, (With loading, Internal Transfer). <b>UNIT III. – Packages Account:</b> Meaning & Importance, Preparation of packages Account.
February	<b>UNIT IV – Account of Profession:</b> Meaning, Importance of Profession Account, Preparation of Profession Account, Solicitors Account only. <b>UNIT. V - Insolvency Accounts:</b> Meaning, Importance, Procedures of Insolvency
March	<b>Mar- April Summer Exam 2018-19</b>

Signature of the Teacher

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**Kai. Rasika Mahavidyalay, Deoni****Yearly Teaching Plan (2018-19)**

Name of the teacher: Bhusawale A.N. Class: B.Com. Third Year (Sem V &amp; VI)

Subject:- XXV Title: Auditing - I

Month	Topic(s) to be taught
June	Admission Process
July	<b>UNIT I. Introduction of Auditing:</b> Definition of Auditing, Objectives of Accounting – Primary and Secondary, Expression of Opinion, Inherent limitations of Audit, Advantages of Independent Audit, Auditing vs Accounting, Auditing vs Investigation. <b>UNIT II. Company Auditor:</b> Eligibility and Appointment, Qualifications, Disqualifications, Rotation and Removal of Company Auditor, Power and Duties of company Auditor
August	<b>UNIT III. Audit Planning, procedure and Documentation:</b> Meaning, Objectives, Factors to be considered, Sources of Obtaining Information, Discussions with Client, Overall Audit plan, Audit Programme Meaning, Factors to be considered, Advantages, Disadvantages, Methods of work, Instruction before commencing works of audit, Audit working paper, Audit Notebook. <b>UNIT IV- Detection and prevention of Fraud:</b> Errors – Meaning, Types of Errors – Commission, Omission, Principal and compensating, Types of Frauds.
September	Auditors Duties and Responsibilities in respect of frauds and errors. <b>UNIT V – Audit Evidence</b> Introduction, Evidence for assertions, formation of opinion, types of evidence, Audit techniques of collecting audit evidence, Audit sampling, Types of Sampling
Oct- Nov	<b>Diwali &amp; University Winter Exam 2018-19</b>
December	<b>Subject: Auditing – II</b> <span style="float: right;">VI<sup>th</sup> Semester</span> <b>UNIT I: Checking Vouching and Audit Report</b> Meaning and Definition of Vouching, Objectives of Vouching, Test checking- Vouching of Cash Book, Verification and Valuation of Assets and Liabilities, Elements of Audit Report, Types of Audit Report -Qualified and Clean Audit Report, Audit Certificate.
January	<b>UNIT II: Internal Audit</b> Meaning, Basic Principles of Establishing Internal Audit, Objectives, Evaluation of Internal Audit by Statutory Auditor, Usefulness of Internal Audit, Internal Audit Vs External Audit, Internal Checks Vs Internal Audit <b>UNIT III: The Company Audit Provisions</b> Provisions Relating To Company Audit under Companies Act 2013.
February	<b>UNIT IV: Audit of Banking Companies</b> Definition, Restrictions on Banking Company, Audit of Banking, NPA- meaning & Important points of Non-Performing Assets with reference to Bank Audit <b>UNIT V: Standards on Auditing</b> SA-200, SA-230, SA-240, SA-299, SA -300, SA-320, SA-500, SA-580 SA 600SA- 610 SA-620.
March	<b>University Summer Exam 2018-19</b>

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**Teaching Plan – 2018- 2019**

Name of Teacher : Dr. P. R. More  
Class : B. Sc First Year Semester: I<sup>st</sup>  
Subject : Zoology Paper No: I  
Name of Paper : CCZI- LIFE AND DIVERSITY OF ANIMALS – I (Non-Chordata)

Month	Portion to be covered
July	<b>Unit – I</b> 1. Introduction of Non-chordates 2. Protozoa: General Characters and classification up to class level. Plasmodium vivax Structure, Life Cycle, Pathogenicity and Control Measures. 3. Porifera: General Characters and classification up to class level. Sycon: General Morphology, different types of cells. Economic Importance of Porifera
August	<b>Unit- II</b> 1. Coelenterata: General Characters and classification up to class level. Polymorphism in Coelenterata. Coral, and Coral reefs, its Economic Importance. 2. Platyhelminthes: General Characters and classification up to class level. Taenia solium: Structure and life cycle 3. Nematohelminthes. Ascaris: Structure and life cycle.
September	<b>UNIT – III</b> 1. Annelida: General Characters and classification up to class level. Role of Earthworm in Agriculture. 2. Arthropoda: General Characters and classification up to class level. Cockroach : External Morphology, Digestive system, Respiratory system, Nervous system. Economic Importance of Insects
October	<b>UNIT – IV 11</b> 1. Mollusca: General Characters and classification up to class level. Economic Importance of Mollusca. 2. Echinodermata: General Characters and Classification up to class level. Star Fish External Morphology and Water vascular system. 3. Hemichordata: General Characters and Affinities

Extra teaching hours plan to cover the syllabus within the prescribed period.

  
Teacher's Signature

  
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IQAC-COORDINATOR  
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**KAL. RASIKA MAHAVIDYALAYA, DEONI, DIST. LATUR**

**TEACHING PLAN – 2018- 2019**

Name of Teacher : Dr. P. R. More

Class : B. Sc First Year

Semester: II

Subject : Zoology

Paper No: III

Name of Paper : CCZ-II- LIFE AND DIVERSITY OF ANIMALS -II (CHORDATA)

Month	Portion to be covered
December	<b>UNIT – I</b> 1. Introduction of Chordates. 2. Protochordata: Urochordata:- General characters, concept of retrogressive metamorphosis. Cephalochordata: General Characters
January	<b>UNIT – II II</b> 1. Pisces: General characters and classification of Pisces up to class level. Scoliodon (Dogfish): External characters, Digestive system, Respiratory system, Circulatory System, Nervous system. Economic Importance of Fishes.
February	<b>UNIT – III II</b> 1. <b>Amphibia</b> :- General characters and classification up to order level. Parental care in amphibians. Summer and Winter sleep in Frog. 2. <b>Reptilia</b> : General characters. Poisonous and Non-poisonous snakes. Importance of snake Venom. 3. <b>Aves</b> : General characters. Flight Adaptations in birds. Migration of birds
March	<b>UNIT – IV</b> 1. <b>Mammals</b> : General characters and classification up to order level. 2. <b>Rat</b> - External characters, Digestive system (Anatomy), Respiratory system, Circulatory system. Nervous system - Brain and spinal cord Eye and Ear

Extra teaching hours plan to cover the syllabus within the prescribed period.

  
Teacher's Signature

  
Principal  
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IQAC COORDINATOR  
Kal. Rasika Mahavidyalaya, Deoni  
Tq. Deoni Dist. Latur



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Teaching Plan – 2018- 2019

Name of Teacher : Dr. P. R. More

Class : B. Sc SY

Semester: III

Subject : Zoology

Paper No: VII

Name of Paper : COMPARATIVE ANATOMY AND PHYSIOLOGY (P-VII)

Month	Portion to be covered
July	<b>UNIT -I</b> 1) Comparative Anatomy of Vertebrates i) Integument ii) Heart iii) Kidne
August	<b>UNIT-II</b> 1) Enzymes i) Nature and Classification of enzymes. ii) Mechanism of enzyme action. iii) Factors affecting on enzymes activity. 2) Nutrition i) Digestion of carbohydrates, proteins and lipids. ii) Vitamins – Fat soluble and Water soluble vitamins (Sources, deficiency diseases and effects
September	<b>UNIT-III</b> 1) Respiration i) Definition of Aquatic and Aerial respiration. ii) Respiratory organs in man. iii) Mechanism of respiration. iv) Transport of O <sub>2</sub> and CO <sub>2</sub> 2) Circulation i) Blood – composition and functions. ii) Structure and working of heart. iii) E.C.G. and Blood Pressure. iv) Blood clotting.
October	<b>Unit- IV</b> 1) Excretion 2) Nerve Physiology 3) Muscle Physiology

Extra teaching hours plan to cover the syllabus within the prescribed period.

  
Teacher's Signature

  
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Tq. Deoni Dist. Latur





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Teaching Plan

Sem. II Year 2018. 2019.

Teacher's Name Dr. Somani U.V.

Class & division B.com FY Subject Financial Accounting-II

Month	Portion to be Covered
Dec. 2018	1] consignment Account 2] Hire Purchase System
Jan. 2019	2] Hire Purchase System 3] Accounts of co-operative Societies
Feb. 2019	4] Insurance claim

Extra teaching hours plan to cover the Syllabus within the prescribed period.

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Somani  
Principal

Dr. Somani  
Teacher's Signature



Kai.Rasika Mahavidyalaya, Deoni. Dist. Latur

Teaching Plan

Sem. II Year 2018-2019.

Teacher's Name Dr. Somani W.V.

Class & division B.com. Fy. Subject Business Economics-II

Month	Portion to be Covered
<del>Nov</del> Dec-2018	1] Perfect Competition 2] monopoly
Jan-2019	2] monopoly 3] monopolistic Competition
Feb-2019	4] Theory of Distribution A] Rent C] Interest B] Wage D] Profit

Extra teaching hours plan to cover the Syllabus within the prescribed period.

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Kai.Rasika Mahavidyalaya, Deoni. Dist. Latur

Teaching Plan

Sem. IV Year 2018.. 2019.

Teacher's Name Dr. Somani U.V.

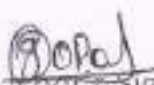
Class & division B.com. 54 Subject Advanced planning in india

Month	Portion to be Covered
Dec 2018	1] Introduction
Dec 2018	2] NITI Aayog
Jan. 2019	3] Infrastructure Development 4] Agricultural Development
Feb. 2019	4] Agricultural Development 5] Foreign Trade.

Extra teaching hours plan to cover the Syllabus within the prescribed period.

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Teaching Plan

Sem. IV Year 2018-2019.

Teacher's Name Dr. Somnani N.V.

Class & division B.com 54 Subject Advanced Cost Accounting

Month	Portion to be Covered
Dec 2018	1) Contract Costing 2) Cost Accounting record & Cost Audit
Jan 2019	3) Process Costing
Feb 2019	4) Operating Costing 5) Reconciliation of Cost & Financial Account

Extra teaching hours plan to cover the Syllabus within the prescribed period.

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Teacher's Signature



Kai. Rasika Mahavidyalaya, Deoni. Dist. Latur

Teaching Plan

Sem. VI Year 2018.. 2019..

Teacher's Name Dr. Samani U.V.

Class & division B.com TY. Subject Management Accounting-II

Month	Portion to be Covered
Dec 2018	1) Financial Statement Analysis
Dec 2018	2) Ratio Analysis
Jan 2019	2) Ratio Analysis
Jan 2019	3) Responsibility Accounting
Feb 2019	4) Capital Budgeting
Feb 2019	5) Working Capital Management

Extra teaching hours plan to cover the Syllabus within the prescribed period.

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# Kai.Rasika Mahavidyalaya, Deoni. Dist. Latur

## Teaching Plan

Sem. II Year 2018. 2019.

Teacher's Name Dr. V. S. MORE

Class & division B.Sc. F.Y. Subject Inorganic chemistry

Summer-2019

Month	Portion to be Covered
Dec.- 2018	Unit-IV - Study of p-block elements Unit-V - Acids and Bases
Jan.- 2019	- Acids and Bases Unit-V 1) Chemical Bonding - I
Feb.- 2019	B) Chemical Bonding - II
March- 2019	- VSEPR Theory - Molecular orbital theory

Extra teaching hours plan to cover the Syllabus within the prescribed period.

Jan-2019, Chemical Bonding - I

Feb-2019, Chemical Bonding - II

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Teaching Plan

Sem. VI<sup>th</sup> Year 2018-2019.

Teacher's Name Dr. V.S. MORE

Class & division B.Sc. S.Y. Subject Organic Chemistry

Summer - 2019

Month	Portion to be Covered
Dec. 2018	Unit-I - stereochemistry
Jan. 2019	Unit-II - carbohydrates Unit-III - Nitrogen containing organic compounds
Feb. 2019	- Aromatic Amines - Diazomethane - Urea Unit-IV - Application of Reagents in organic synthesis
March. 2019	- $OsO_4$ , $O_3$ , $SeO_2$ , $BF_3$

Extra teaching hours plan to cover the Syllabus within the prescribed period.

Jan - 2019, Carbohydrates

Feb - 2019, Diazomethanes, Urea

March - 2019,  $O_3$ ,  $SeO_2$ ,  $BF_3$

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Teaching Plan

Sem. VI<sup>th</sup> Year 2018.. 2019..

Teacher's Name Dr. Y. S. MORE

Class & division B.Sc. T.Y. Subject Physical chemistry

Summer - 2019

Month	Portion to be Covered
Dec. 2018	Unit-I - Electrochemistry
Jan- 2019	- Electrochemistry - Unit - II - Thermodynamics - I
Feb- 2019	Unit - III - Thermodynamics - II Unit - IV - Magneto chemistry & magnetic properties of substances
March- 2019	- Gouy's method

Extra teaching hours plan to cover the Syllabus within the prescribed period.

Jan-2019, Thermodynamics - I

Feb-2019, Thermodynamics - II

K. S. More  
Principal

Dr. Y. S. More  
Teacher's Signature





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Teaching Plan

Sem. II Year 2018.-2019..

Teacher's Name Mr. B.P. Anlesh

Class & division B.Sc. F.Y. Subject organic chemistry

Summer-2019

Month	Portion to be Covered
Dec 2018	Unit-I 1. Aromatic Hydrocarbons and Aromaticity.
Jan 2019	Unit-II 2. Phenols 3. Haloalkenes & Haloarenes
Feb 2019	Unit-III 4. Carboxylic Acid Derivatives

Extra teaching hours plan to cover the Syllabus within the prescribed period.

Jan-2019 - Portion of Haloalkenes & Haloarenes

Feb-2019 - Portion of Carboxylic Acid Derivatives

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Teaching Plan

Sem. IV Year 2018-2019.

Teacher's Name Mr. B.P. Ankush

Class & division B.Sc. S.Y. Subject Physical chemistry

Summer-2019

Month	Portion to be Covered
Dec 2018	Unit-I chemical kinetics
Jan 2019	Unit-II Electrochemistry-I Unit-III Electrochemistry-II
Feb 2019	Unit-IV photochemistry

Extra teaching hours plan to cover the Syllabus within the prescribed period.

Jan-2019 - portion of Electrochemistry

Feb-2019 - portion of photochemistry

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Teaching Plan

Sem. VI Year 2018-2019

Teacher's Name Mr. B. P. Ankush

Class & division B.Sc. T.Y. Subject Inorganic chemistry

Summer-2019

Month	Portion to be Covered
Dec 2018	CO-ordination Theory (part -II)
Jan 2019	Electronic spectra of transition metal complexes Bio-inorganic chemistry
Feb 2019	Metal cluster

Extra teaching hours plan to cover the Syllabus within the prescribed period.

Jan-2019 - portion of Bio-inorganic chemistry

Feb-2019 - portion of metal cluster.

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Kai.Rasika Mahavidyalaya, Deoni. Dist.Latur

Teaching Plan

Sem. II Year 2018. 2019.

Teacher's Name Dr. C. M. Malga

Class & division B.sc : F.Y. Subject Physical chemistry

Summer - 2019

Month	Portion to be Covered
Dec. 2018	Unit - I Atomic structure
Jan. 2019	Unit - I Atomic structure <del>Unit II</del> <del>Liquid state</del>
Feb. 2019	Unit III colloidal state <del>Unit II</del>

Extra teaching hours plan to cover the Syllabus within the prescribed period.

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Kai.Rasika Mahavidyalaya, Deoni. Dist.Latur

Teaching Plan

Sem. IV Year 2018.. 2019.

Teacher's Name Dr. C. M. Malba

Class & division B.Sc. 3.Y. Subject Inorganic chemistry

Summer - 2019

Month	Portion to be Covered
Dec. 2018	chemistry of f-block elements
Jan. 2019	chemistry of d-block elements chemistry of Halogen compounds
Feb. 2019	chemistry of Non-transition elements

Extra teaching hours plan to cover the Syllabus within the prescribed period.

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Kai.Rasika Mahavidyalaya, Deoni. Dist. Latur

Teaching Plan

Sem. VI Year 2018.. 2019.

Teacher's Name Dr. C. M. Malba

Class & division B.Sc.T.Y. Subject organic chemistry

Summer - 2019

Month	Portion to be Covered
Dec. 2018	Amino acids and peptides
Jan. 2019	Molecular Rearrangements Spectroscopic methods UV spectroscopy IR spectroscopy
Feb. 2019	NMR spectroscopy

Extra teaching hours plan to cover the Syllabus within the prescribed period.

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Dr. C. M. Malba  
Principal

Malba  
Teacher's Signature



Kai.Rasika Mahavidyalaya, Deoni. Dist. Latur

Teaching Plan

Sem. I ..... Year 2018-2019

Teacher's Name Dr. Pedge. S. S.

Class & division B.Sc. Fy ..... Subject Cell Biology - I

Month	Portion to be Covered
July	<u>Unit - I -</u> ① Introduction of cell Biology. ② Microscopy ③ Types of cells ④ Plasma membranes
Aug	<u>unit - II -</u> ① Endoplasmic Reticulum. ② Golgi complex ③ Mitochondria ④ Ribosomes <u>unit - III -</u> ① Lysosomes
Sep	② Nucleus ③ Nucleolus ④ chromosome <u>unit - IV -</u> ① cell cycle
Oct	② Cytology of cancer.

Extra teaching hours plan to cover the Syllabus within the prescribed period.

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Teaching Plan

Sem: III Year 2018-2019.

Teacher's Name Dr. Pedge. S. S.

Class & division B. Sc. B4 Subject Genetics

Month	Portion to be Covered
July	<u>Unit-I</u> - ① Introduction to Genetics ② Mendelism ③ Interaction of genes
Aug	<u>Unit-II</u> - ① Multiple alleles & Genes ② Linkage & crossing over. <u>Unit-III</u> - ① Sex Determination
sep	② Sex Linked Inheritance ③ cytoplasmic Inheritance ④ Mutation <u>Unit-IV</u> - ① Human Genetics
Oct	<u>Unit-IV</u> - ② Nature & function of genetic materials.

Extra teaching hours plan to cover the Syllabus within the prescribed period.

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Teaching Plan

Sem. VI Year 2018 2019

Teacher's Name Dr. Pedge S.S.

Class & division B.A.S.C. T.Y. Subject Ecology & Zoogeography.

Month	Portion to be Covered
July	<u>Unit-I</u> - 1) Ecology 2) Introduction to Ecosystems 3) Bio-geochemical cycles 4) Spheres of Earth
August	<u>Unit-II</u> - ① Population Ecology ② Biotic Interactions <u>Unit-III</u> - ① Pollution
September	② Energy Resources <u>Unit-III</u> - ① Adaptations ② Wildlife conservations & Endangered sp. ③
October	③ Zoological Realms

Extra teaching hours plan to cover the Syllabus within the prescribed period.

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Teaching Plan

Sem. II Year 2018.. 2019..

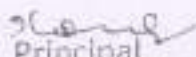
Teacher's Name Dr. Shreedhar Ashok Bamsode

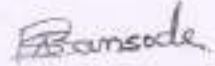
Class & division B.Sc. F.Y. Subject Botany

Month	Portion to be Covered
Dec.	Unit - I Genetics - I
Jan	Unit - II Genetics - II
Feb	Unit - III plant breeding
March	Unit - III plant breeding

Extra teaching hours plan to cover the Syllabus within the prescribed period.

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Deoni Dist.Latur

  
Teacher's Signature



Kai.Rasika Mahavidyalaya, Deoni. Dist.Latur

Teaching Plan

Sem. IV ..... Year 2018... 2019...

Teacher's Name Dr. Smadhat Ashak Bansode

Class & division B.Sc. S.Y. ..... Subject Botany .....

Month	Portion to be Covered
<del>Dec</del> <u>September</u>	Unit - I Ecological Factors
<u>Jan</u>	Unit - II Ecological Adaptations in plants
<u>Feb</u>	Unit - III Community Ecology
<u>March</u>	Unit - IV Environmental Biology

Extra teaching hours plan to cover the Syllabus within the prescribed period.

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Teaching Plan

Sem. VII Year 2018.. 2019..

Teacher's Name Dr. Shreedhae Ashok Bansode

Class & division B.Sc. T.Y. Subject Botany

Month	Portion to be Covered
Dec.	Unit - I - Photosynthesis and Respiration
Jan.	Unit - II - Enzymes and Nitrogen metabolism
Feb	Unit - III Biotechnology
March	Unit - IV Genetic Engineering

Extra teaching hours plan to cover the Syllabus within the prescribed period.

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Teaching Plan

Sem. I Year 2018-2019.

Teacher's Name Dr. Shreedhar Ashok Bamsode

Class & division B.Sc. F.Y. Subject Botany

Month	Portion to be Covered
Jul	Unit - I Cell Biology - I - Cell Bio. Int <sup>n</sup> , Pro & Eukaryotic cell, Nucleus, golgi complex, & Lysosome up to completed
Aug.	Unit - I <sup>Remaining</sup> (Some portion will be completed) and in Unit - II with Chromosome & types & chromosome Completed.
Sept.	Unit - II := Cell Division. Unit - III Molecular Biology - I - Nucleic acid. - DNA - RNA
2 Oct.	Unit - IV Molecular Biology - II - Gene concept - Gene mutation.

Extra teaching hours plan to cover the Syllabus within the prescribed period.

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Teaching Plan

Sem. II Year 2018. 2019.

Teacher's Name Dr. Pedge. S. S.

Class & division. B.Sc. Fy Subject Developmental Biology.

Month	Portion to be Covered
Dec	<u>Unit-I</u> ① Introduction ② Gametogenesis ③ Types of Eggs <u>Unit-II</u> ① Gametes of Frog.
Jan	② Frog Embryology ③ Regeneration in Non-chordate & chordate <u>Unit-III</u> ① chick Embryology
Feb	② Placentation in Mammals <u>Unit-IV</u> ① stem cell ② ETT.
Mar	③ Parthenogenesis.

Extra teaching hours plan to cover the Syllabus within the prescribed period.

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Teaching Plan

Sem - IV Year 2018 - 2019 (2018-19)

Teacher's Name Dr. P. P. P. S. S.

Class & division B.Sc. Sy

Subject Genetic Engineering & Evolution

Month	Portion to be Covered
Dec	<p style="text-align: center;"><u>Unit - I</u></p> <p>① Introduction of Genetic Engineering            ② Recombinant DNA Technology            ③ Techniques</p>
Jan	<p style="text-align: center;"><u>Unit - II</u></p> <p>① Construction of DNA            ② c-DNA libraries &amp; Genomic libraries            ③ Transgenesis &amp; Transgenic animals            ④ Cloning and cloned animals            ⑤ <del>DNA Fingerprinting</del></p>
Feb	<p style="text-align: center;"><u>Unit - III</u></p> <p>① Concept of Evolution            ② Theories of organic Evolution</p> <p style="text-align: center;"><u>Unit - IV</u></p> <p>① Evidence of organic Evolution</p>
March	<p>② Adaptations            ③ Hardy-Weinberg's law</p>

Extra teaching hours plan to cover the Syllabus within the prescribed period.

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Teaching Plan

Sem. VI Year 2018. 2019.

Teacher's Name Dr. Pedge. S.S.

Class & division B.Sc. TY Subject Ethology, Biometry & Bioinformatics

Month	Portion to be Covered
Dec	<u>Unit - I</u> - ① classification of Animal Behavior <u>Unit - II</u> - ① communication in animals.
Jan	② Mimicry & camouflage. <u>Unit - III</u> - ① collection & classification of data ② Measures of central tendency
Feb	③ Graphic Representation of data <u>Unit - IV</u> - Bioinformatics
Mar	<u>Unit - IV</u> - Bioinformatics.

Extra teaching hours plan to cover the Syllabus within the prescribed period.

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Teaching Plan

Sem. III ..... Year 2018.. 2019..

Teacher's Name Dr. Suresh Ashok Bansode

Class & division B.Sc. S.Y. ..... Subject Botany .....

Month	Portion to be Covered
Jul.	Unit - I Histology
Aug	Unit - II Anatomy
Sept	Unit - III Embryology - I was completed Unit - IV Embryology - II - Microsporangium
2 Oct. 18	- Megasporangium.

Extra teaching hours plan to cover the Syllabus within the prescribed period.

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Teaching Plan

Sem. V Year 2018... 2019...

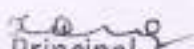
Teacher's Name Dr. Shreudha Ashak Bansode

Class & division B.Sc. J. Y. Subject Botany

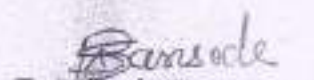
Month	Portion to be Covered
July	Unit - I plant water relations
Aug.	Unit - II Mineral Nutrition
Sept	Unit - III Growth & Development
Oct.	Unit - IV Biomolecules and Secondary metabolites.

Extra teaching hours plan to cover the Syllabus within the prescribed period.

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Teaching Plan

Sem. - I ..... Year 2018. 2019.

Teacher's Name ..... Dr. V. S. More

Class & division ..... B.Sc. F.Y. .... Subject ..... In-organic Chemistry  
Winter-2018.

Month	Portion to be Covered
July	Unit-IV A) Periodic Table B) - Periodic Properties
Aug.	B) Periodic Properties Unit-V S-block elements
Sep.	Unit-VI - Noble Gas Chemistry - Oxidation and Reduction

Extra teaching hours plan to cover the Syllabus within the prescribed period.

Aug. = S-block elements.

Sep. = Noble Gas Chemistry & Oxidation Reduction.

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Dr. V. S. More  
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## Teaching Plan

Sem. ~~IV~~ III Year 2018. 2019.

Teacher's Name Dr. V. S. More

Class & division B.Sc. S.Y. Subject Organic Chemistry

Winter-2018

Month	Portion to be Covered
July	Unit - I - Name Reaction with mechanism - Condensation Reaction of Aldehydes & Ketones -
Aug.	- Reduction Reactions - Oxidation Reduction Unit - II - Aromatic carboxylic & Sulphonic acids.
Sep.	Unit - III - Introduction of organometallic compounds Unit - IV - Introduction, chemical nature, General Physical Properties.

Extra teaching hours plan to cover the Syllabus within the prescribed period.

Aug. - Aromatic Carboxylic & Sulphonic acids

Sep. - Introduction, chemical nature, General Physical Properties

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Teaching Plan

Sem. V Year 2018.. 2019.

Teacher's Name Dr. V.S. More

Class & division B.Sc. I.Y. Subject Physical chemistry  
Winter-2018.

Month	Portion to be Covered
July	Unit-I Spectroscopy-I
Aug.	Unit-III Chemical Kinetics Unit-II - Spectroscopy - II
Sep.	Chem Spectroscopy - II Unit-IV Distribution Law

Extra teaching hours plan to cover the Syllabus within the prescribed period.

Aug - spectroscopy - II

Sep - Distribution Law

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*Dr. V.S. More*  
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Teaching Plan

Sem. I ..... Year 2018-2019..

Teacher's Name Mr. Ankush B. P......

Class & division B.Sc. F.Y...... Subject organic chemistry (Paper-I)

Winters-2018

Month	Portion to be Covered
July	<u>Unit-I :</u> 1. Nomenclature of organic compounds 2. Basic concept in organic chemistry
August	2. Basic concept in organic chemistry - Remaining portion <u>Unit-II :</u> 3. Alkanes & cycloalkanes : Alkanes - reactions
September	4. Alkenes, Dienes & Alkynes 5. Alcohols & Epoxides

Extra teaching hours plan to cover the Syllabus within the prescribed period.

August: Remaining portion - cycloalkanes.

Sept: - Alkenes, Dienes, Alkynes, -sept: Alcohols & Epoxides.

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## Teaching Plan

Sem. III ..... Year 2018.-2019..

Teacher's Name Mr. Ankush B.P......

Class & division B.Sc. S.Y...... Subject Physical chemistry.....

Winter-2018                      Paper No: VII

Month	Portion to be Covered
July	<u>Unit-I :-</u> - Atomic structure & Wave Mechanics
August	- Remaining portion of Atomic structure <u>Unit-II:</u> Thermodynamics
September	<u>Unit-IV:</u> Phase Equilibrium

Extra teaching hours plan to cover the Syllabus within the prescribed period.

August - ~~some~~ Unit-III: concept of Entropy.

September: Remaining portion of phase equilibrium.

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Teaching Plan

Sem...V..... Year 2018.. 2019..

Teacher's Name Mr. Ankush B. P.

Class & division B.Sc. T.Y. Subject Inorganic chemistry

Winter-2018 Paper NO - XII & XIII

Month	Portion to be Covered
July	<p><u>Paper - XII</u></p> <ul style="list-style-type: none"> <li>- The chemistry of Elements in medicine</li> <li>- co-ordination chemistry (part I)</li> </ul>
August	<ul style="list-style-type: none"> <li>- co-ordination chemistry (part I)</li> </ul>
Sept.	<p><u>Paper - XIII</u></p> <ul style="list-style-type: none"> <li>- Organometallic compounds</li> <li>- metal carbonyls</li> </ul>

Extra teaching hours plan to cover the Syllabus within the prescribed period.

September: Organometallic compounds

Sept: metal carbonyls

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## Teaching Plan

Sem. I (winter) Year 2018.. 2019..

Teacher's Name Dr. Chandrashekhar Malba

Class & division B.Sc. F.Y. Subject Physical Chemistry

winter-2018

Month	Portion to be Covered
July	Unit - II surface chemistry
Aug	surface chemistry  Unit - III Gaseous state
Sept.	Unit - III Gaseous state
Oct	commencement of (winter-2018) semester exams (sem-I)
Nov.	End of semester exams (winter-2018) (sem-I)

Extra teaching hours plan to cover the Syllabus within the prescribed period.

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Kai.Rasika Mahavidyalaya, Deoni. Dist.Latur  
Teaching Plan

Sem.....III (Winter) Year 2018.. 2019..

Teacher's Name D. C. M. Malga

Class & division B.Sc.B.Y. Subject Inorganic Chemistry

Winter - 2018

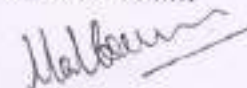
Month	Portion to be Covered
July	Unit :- V A] Theory of Qualitative Analysis B] Theory of Gravimetric Analysis
Aug	B] Theory of Gravimetric Analysis B] Non-aqueous solvents
Sept.	A] Nuclear Chemistry
Oct.	Semester Exams (Winter - 2018) commencement (Sem - III)
Nov.	Semester Exams (Winter - 2018) Ends (Sem - III)

Extra teaching hours plan to cover the Syllabus within the prescribed period.

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# Kai.Rasika Mahavidyalaya, Deoni. Dist.Latur

## Teaching Plan

Sem. V (Winter) Year 2018.. 2019..

Teacher's Name Dr. C. M. Malba

Class & division B.Sc. T.Y. Subject Organic Chemistry

Winter - 2018

Month	Portion to be Covered
July	Unit I: Heterocyclic Compounds i) Introduction, Classification & Nomenclature ii) Molecular orbital structures, resonance structures & reactivity of furan, pyridine, thiophene & pyridine
Aug	A] Five membered heterocycles ① Furan: synthesis, physical properties, chemical properties ② Pyridine: synthesis, physical properties, chemical properties Unit I] ③ Thiophene: synthesis, physical & chemical properties B] ④ Pyridine: synthesis, physical & chemical properties
Sept.	C] Condensed heterocyclic compounds: 1. Indole 2. Quinoline Unit -II: synthetic drugs & dyes ① synthetic drugs ② synthetic dyes Unit -III: Alkaloids, Vitamins and pesticides ① Alkaloids ② Vitamins and ③ pesticides
Oct.	... pesticides.  Semester Exams (Winter-2018) Commencement [V <sup>th</sup> sem]
Nov.	Semester Exams Ends.

Extra teaching hours plan to cover the Syllabus within the prescribed period.

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Kai.Rasika Mahavidyalaya  
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Teacher's Signature

**Kai. Rasika Mahavidyalaya, Deoni**  
**Yearly Teaching Plan (2018-19)**

Name of the teacher: Bhusawale A.N.

Class: B. Com. S.Y. (III & IV Sem)

Subject: New Trends in Corporate Accounting

Month	Topic(s) to be taught
June	Admission Process
July	<b>UNIT – I. Recent Concepts in Corporate Accounting</b> Introduction to corporate Account , online Banking, E-transaction, D-Mat Account, Debit Card, Credit Card, Swipe Machine, ATM. <b>Unit- II. Issue of shares</b> Meaning and procedure of issue, Forfeiture and reissue of Equity Shares, Practical Problems on Accounting Entries of Issue, Pro-rata allotment of Shares
August	<b>Unit- III. Redemption of preference shares:</b> Meaning and Procedure of redemption of preference shares, Types of preference shares, Redemption out of Fresh issue of Equity Shares, Redemption out of revenue Profit of Company, Practical Problems on accounting entries of redemption of preference shares, and balance sheet after redemptions of preference shares <b>Unit- IV. Company final accounts :</b> Preparation of profit and loss account,
September	profit and loss appropriation, account and balance sheet in prescribed forms. <b>Unit-V. Profit prior to incorporation:</b> Meaning, allocation of expenses and incomes between pre and post period, Finding Profit and Loss.
Oct-Nov	<b>Oct-Nov Winter Exam 2018-19</b>
December	<b>Subject: <u>Advanced Corporate Accounting</u> Semester IV</b> <b>UNIT – I. Redemption of Debenture</b> Meaning, types of debenture, Redemption of debenture. Problem on sinking fund Method only <b>UNIT – II. Amalgamation of Companies.</b> Meaning, Causes of Amalgamation of companies, Methods of Purchase consideration, Opening & Closing Entries in the books of companies and
January	preparation of Balance Sheet. <b>UNIT III:- Reconstruction of a company :-</b> Meaning and need of reconstruction of a company- types of reconstruction- Accounting entries related to internal reconstruction only- Preparation of revised balance sheet. <b>UNIT III: - Holding company Accounts:</b> Meaning of Holding company and subsidiary company, holding company accounts with its only one subsidiary company, consolidated balance sheet, pre-acquisition and post-acquisition of profit,
February	inter - company debts, bills and debentures, cost of control, minority interest, practical problems on consolidated balance sheet. <b>UNIT VI:- Liquidation of a company:</b> Meaning and causes of liquidation of a company, process of liquidation of a company, role of company liquidator,
March	accounting treatment of voluntary liquidation of a company.
	<b>Mar- April Summer Exam 2018-19</b>

Signature of the Teacher

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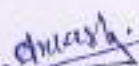
**Kai. Rasika Mahavidyalaya, Deoni**

**Yearly Teaching Plan (2018-19)**

Name of the teacher: Bhusawale A.N. Class: B.Com. Third Year (Sem V & VI)

Subject:- XXIII Advanced Accounting - I

Month	Topic(s) to be taught
June	Admission Process
July	<b>Unit I. Accounting Standards</b> Introduction, Significance, Scope of Accounting standards, Accounting Standard Board, Procedure of issuing Accounting standard, Indian Accounting Standard, International Accounting standards <b>Unit II- Hotel Business Accounting</b> Meaning, Importance of Hotel Business Accounting, Preparation of Final Accounts of Hotel Business
August	<b>Unit III - Underwriting of Shares and Debentures:</b> Basic concepts, underwriting commission, preparation of underwriters' Account. <b>Unit IV – Branch Accounting:</b> Introduction, Meaning of Branch Accounting, Types of Branches, Preparation of Branch account as per Debtors system and stock and Debtors System.
September	<b>Unit V- Agricultural Accounting:</b> Introduction, Meaning, Importance of agricultural accounting, Preparation of Agricultural account, Problems on farm accounting.
Oct- Nov	<b>Oct-Nov Winter Exam 2018-19</b>
December	<b>Subject: Advance Accounting-II</b> <b>VI<sup>th</sup> Semester</b> <b>UNIT I - Accounts of Electricity Company</b> The Double Entry Accounting System – Meaning & Advantages. Preparation of Electricity Company Accounts
January	<b>UNIT II. Departmental Accounts:</b> Meaning, Importance of Departmental Account, Preparation of Departmental Profit and Loss A/c, Balance Sheet and General Profit and Loss Account, (With loading, Internal Transfer). <b>UNIT III. – Packages Account:</b> Meaning & Importance, Preparation of packages Account.
February	<b>UNIT IV – Account of Profession:</b> Meaning, Importance of Profession Account, Preparation of Profession Account, Solicitors Account only. <b>UNIT. V - Insolvency Accounts:</b> Meaning, Importance, Procedures of Insolvency
March	<b>Mar- April Summer Exam 2018-19</b>

  
Signature of the Teacher

  
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Kai.Rasika Mahavidyalaya,  
Deoni Dist.Latur

**Kai. Rasika Mahavidyalay, Deoni****Yearly Teaching Plan (2018-19)**

Name of the teacher: Bhusawale A.N. Class: B.Com. Third Year (Sem V &amp; VI)

Subject:- XXV Title: Auditing - I

Month	Topic(s) to be taught
June	Admission Process
July	<b>UNIT I. Introduction of Auditing:</b> Definition of Auditing, Objectives of Accounting – Primary and Secondary, Expression of Opinion, Inherent limitations of Audit, Advantages of Independent Audit, Auditing vs Accounting, Auditing vs Investigation. <b>UNIT II. Company Auditor:</b> Eligibility and Appointment, Qualifications, Disqualifications, Rotation and Removal of Company Auditor, Power and Duties of company Auditor
August	<b>UNIT III. Audit Planning, procedure and Documentation:</b> Meaning, Objectives, Factors to be considered, Sources of Obtaining Information, Discussions with Client, Overall Audit plan, Audit Programme Meaning, Factors to be considered, Advantages, Disadvantages, Methods of work, Instruction before commencing works of audit, Audit working paper, Audit Notebook. <b>UNIT IV- Detection and prevention of Fraud:</b> Errors – Meaning, Types of Errors – Commission, Omission, Principal and compensating, Types of Frauds.
September	Auditors Duties and Responsibilities in respect of frauds and errors. <b>UNIT V – Audit Evidence</b> Introduction, Evidence for assertions, formation of opinion, types of evidence, Audit techniques of collecting audit evidence, Audit sampling, Types of Sampling
Oct- Nov	<b>Oct-Nov Winter Exam 2018-19</b>
December	<b>Subject: Auditing – II</b> <span style="float: right;"><b>VI<sup>th</sup> Semester</b></span> <b>UNIT I: Checking Vouching and Audit Report</b> Meaning and Definition of Vouching, Objectives of Vouching, Test checking- Vouching of Cash Book, Verification and Valuation of Assets and Liabilities, Elements of Audit Report, Types of Audit Report -Qualified and Clean Audit Report, Audit Certificate.
January	<b>UNIT II: Internal Audit</b> Meaning, Basic Principles of Establishing Internal Audit, Objectives, Evaluation of Internal Audit by Statutory Auditor, Usefulness of Internal Audit, Internal Audit Vs External Audit, Internal Checks Vs Internal Audit <b>UNIT III: The Company Audit Provisions</b> Provisions Relating To Company Audit under Companies Act 2013.
February	<b>UNIT IV: Audit of Banking Companies</b> Definition, Restrictions on Banking Company, Audit of Banking, NPA- meaning & Important points of Non-Performing Assets with reference to Bank Audit <b>UNIT V: Standards on Auditing</b> SA-200, SA-230, SA-240, SA-299, SA -300, SA-320, SA-500,
March	SA-580 SA 600SA- 610 SA-620. <b>Mar- April Summer Exam 2018-19</b>

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Kai.Rasika Mahavidyala,  
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**Kai. Rasika Mahavidyalaya, Deoni**  
**Yearly Teaching Plan (2018-19)**

Name of the teacher: Bhusawale A.N. Class: B.Com. First Year (I & II Sem)

**Subject:- Computer for Business and Tally - I**

Month	Topic(s) to be taught
June	Admission Process
July	<b>Unit : I Introduction to computer:</b> Meaning, Definition, importance, Features & functions of computer, Components of computer, Types of computer, Hardware and software, input & output devices, Role of computers in business. <b>Unit II : Computer Memory &amp; Languages:</b> Introduction, Meaning & types of computer Memory- Primary and Secondary memories.
August	<b>Types of storage Devices:</b> Auxiliary storage, tapes, floppy disks, hard disks, compact disk, pen device (USB) Computer Languages, Advantages & limitations. <b>Unit III : Number System:</b> Introduction, Types of number system-Decimal, Binary, Octal and Hexadecimal (Simple numerical problems of conversion of number from one number system to another are to be covered)
September	<b>Unit IV :Computer Based business applications:</b> Operating system window, word processing, MS-word, MS-Excel, work with MS-Word & MS-Excel, formatting document, text designing, column, Tables & Graphs <b>Unit V: Computer Networking (Internet)</b> Introduction, Importance of Internet, Internet & WWW, Internet & E-Mail, Internet & E-Commerce, social networking, advantages & disadvantages of social networking for business.
Oct- Nov	<b>Oct-Nov Winter Exam 2018-19</b>
December	<b>Subject- Tally</b> <span style="float: right;"><b>II<sup>nd</sup> -Semester</b></span> 1) Basic Accounting 2) Business organization 3) Accounting on computer 4) Tally Fundamental 5) Features of Tally 6) Processing transaction in Tally 7) Generating and printing of accounting report 8) Tally vouchers and types of vouchers <b>PART B:</b> 1) Introduction to Trading Accounting
January	2) Purchases and sales 3) Getting Functional with Tally
February	4) Display and Report 5) Tally Audit
March	<b>Mar- April Summer Exam 2018-19</b>

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Teaching Plan

Sem. II Year 2018.. 2019..

Teacher's Name Dr. V. S. MORE

Class & division B.Sc. F.Y. Subject Inorganic chemistry

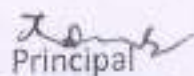
Summer - 2019

Month	Portion to be Covered
Dec. - 2018	Unit-IV - Study of p-block elements Unit-V - Acids and Bases
Jan. - 2019	- Acids and Bases Unit-V 1) Chemical Bonding - I
Feb. - 2019	B) Chemical Bonding - II
March - 2019	- VSEPR Theory - Molecular orbital theory

Extra teaching hours plan to cover the Syllabus within the prescribed period.

Jan-2019, Chemical Bonding - I

Feb-2019, Chemical Bonding - II

  
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Teaching Plan

Sem. VI<sup>th</sup> Year 2018, 2019.

Teacher's Name Dr. V.S. MORE

Class & division B.Sc. S.Y. Subject Organic Chemistry

Summer - 2019

Month	Portion to be Covered
Dec. 2018	Unit-I - stereochemistry
Jan. 2019	Unit-II - carbohydrates Unit-III - Nitrogen containing organic compounds
Feb. 2019	- Aromatic Amines - Diazomethane - Urea Unit-IV - Application of Reagents in organic synthesis
March. 2019	- $OsO_4$ , $O_3$ , $SeO_2$ , $BF_3$ .

Extra teaching hours plan to cover the Syllabus within the prescribed period.

Jan - 2019, Carbohydrates

Feb - 2019, Diazomethane, Urea

March - 2019,  $O_3$ ,  $SeO_2$ ,  $BF_3$ .

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Teaching Plan

Sem. V<sup>th</sup> Year 2018.. 2019..

Teacher's Name Dr. Y. S. MORE

Class & division B.Sc. T.Y. Subject Physical chemistry

Summer - 2019

Month	Portion to be Covered
Dec. 2018	Unit-I - Electrochemistry
Jan- 2019	- Electrochemistry - Unit - II - Thermodynamics - I
Feb- 2019	Unit - III - Thermodynamics - II Unit - IV - Magneto chemistry & Magnetic Properties of substances
March- 2019	- Gouy's method

Extra teaching hours plan to cover the Syllabus within the prescribed period.

Jan-2019, Thermodynamics - I

Feb-2019, Thermodynamics - II

More  
Principal  
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Kai.Rasika Mahavidyalaya  
Deoni Dist. Latur

More  
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# Kai.Rasika Mahavidyalaya, Deoni. Dist. Latur

## Teaching Plan

Sem. II Year 2018.-2019..

Teacher's Name Mr. B.P. Anikush

Class & division B. Sc. F.Y. Subject organic chemistry

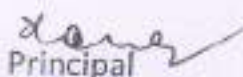
Summer-2019

Month	Portion to be Covered
Dec 2018	Unit-I 1. Aromatic Hydrocarbons and Aromaticity.
Jan 2019	Unit-II 2. Phenols 3. Haloalkenes & Haloarenes
Feb 2019	Unit-III 4. Carboxylic Acid Derivatives

Extra teaching hours plan to cover the Syllabus within the prescribed period.

Jan-2019 - Portion of Haloalkenes & Haloarenes

Feb-2019 - Portion of Carboxylic Acid Derivatives

  
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Teaching Plan

Sem. IV Year 2018-2019.

Teacher's Name Mr. B.P. Ankush

Class & division B.Sc. S.Y. Subject Physical chemistry

Summer-2019

Month	Portion to be Covered
Dec 2018	Unit-I chemical kinetics
Jan 2019	Unit-II Electrochemistry-I Unit-III Electrochemistry-II
Feb 2019	Unit-IV photochemistry

Extra teaching hours plan to cover the Syllabus within the prescribed period.

Jan-2019 - Portion of Electrochemistry

Feb-2019 - Portion of photochemistry

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Teaching Plan

Sem. VI Year 2018-2019

Teacher's Name Mr. B.P. Ankush

Class & division B.Sc. T.Y. Subject Inorganic chemistry  
Summer - 2019

Month	Portion to be Covered
Dec 2018	CO-Ordination Theory (part-II)
Jan 2019	Electronic spectra of transition metal complexes Bio-inorganic chemistry
Feb 2019	Metal cluster

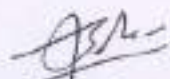
Extra teaching hours plan to cover the Syllabus within the prescribed period.

Jan-2019 - portion of Bio-inorganic chemistry

Feb-2019 - portion of metal cluster.

  
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Kai.Rasika Mahavidyalaya, Deoni. Dist. Latur

Teaching Plan

Sem. II Year 2018-2019.

Teacher's Name Dr. C. M. Malba

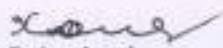
Class & division B.Sc. F.Y. Subject Physical Chemistry

Summer - 2018

Month	Portion to be Covered
Dec. 2018	Unit - I Atomic structure
Jan. 2019	Unit - I Atomic structure <del>Unit II Liquid state</del>
Feb. 2019	Unit III colloidal state. <del>Unit II</del>

Extra teaching hours plan to cover the Syllabus within the prescribed period.

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Principal

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Kai.Rasika Mahavidyalaya  
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Kai.Rasika Mahavidyalaya, Deoni. Dist.Latur

Teaching Plan

Sem. IV Year 2018.. 2019.

Teacher's Name Dr. C. M. Malba

Class & division B.Sc. S.Y. Subject Inorganic chemistry

Summer - 2019

Month	Portion to be Covered
Dec. 2018	chemistry of f-block elements
Jan. 2019	chemistry of d-block elements chemistry of Halogen compounds
Feb. 2019	chemistry of Non-transition elements

Extra teaching hours plan to cover the Syllabus within the prescribed period.

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Principal  
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Kai.Rasika Mahavidyalaya  
Deoni Dist.Latur

Malba

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Kai.Rasika Mahavidyalaya, Deoni. Dist.Latur

Teaching Plan

Sem. VI Year 2018.. 2019.

Teacher's Name D. C. M. Malga

Class & division B.Sc.T.Y. Subject organic chemistry

Summer - 2019

Month	Portion to be Covered
Dec. 2018	Amino acids and peptides
Jan. 2019	Molecular Rearrangements Spectroscopic methods UV spectroscopy IR spectroscopy
Feb. 2019	NMR spectroscopy

Extra teaching hours plan to cover the Syllabus within the prescribed period.

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Principal  
Principal  
Kai.Rasika Mahavidyalaya  
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Kai.Rasika Mahavidyalaya, Deoni, Dist. Latur

Teaching Plan

II - sem

Sem. Even Year 2017-2018

Teacher's Name Dr. Muley Y.M.

Class & division B.Sc. F.Y. Subject Geometry

Month	Portion to be Covered
Dec	Unit - I Co-ordinates, The Plane.
Jan	Unit - II Right line, Transformation of co-ordinates
Feb	Unit - III The Sphere, Cone, cylinder.

Extra teaching hours plan to cover the Syllabus within the prescribed period.

Extra lecture will be taken at Sunday  
for uncovered syllabus.

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Dr. Muley Y.M.



Kai.Rasika Mahavidyalaya, Deoni, Dist. Latur

Teaching Plan

IV - sem

Sem. Even Year 2018-2019

Teacher's Name Dr. Muley Y.M.

Class & division B.Sc. E.Y. Subject Integral Calculus.

Month	Portion to be Covered
Dec	Unit-I Integration, Def <sup>n</sup> , standard Form.
Jan	Unit-II Integration of Transcendental Fun <sup>n</sup>
Feb.	Unit-III Areas of curves.

Extra teaching hours plan to cover the Syllabus within the prescribed period.

Extra lecture will be taken at Sunday  
for uncovered syllabus.

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Principal

f. m. muley  
Teacher's signature

Dr. Muley. Y.M.



Kai.Rasika Mahavidyalaya, Deoni. Dist.Latur

Teaching Plan

IV - sem

Sem. Even Year 2018 2019

Teacher's Name Dr. Muley Y.M.

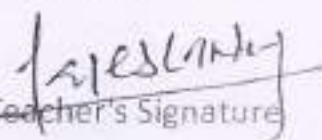
Class & division B.Sc.S.Y. Subject P.D.E.

Month	Portion to be Covered
Dec	Unit-I P.D.E, Lagrange's linear eqn.
Jan	Unit-II Charpit's method, C.F., P.I.
Feb	Unit-III Seperation of variables Heat, Wave Laplace Eqn.

Extra teaching hours plan to cover the Syllabus within the prescribed period.

Extra lecture will be taken at Sunday  
for uncovered syllabus.

  
Principal  
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Dr. Muley Y.M.



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Teaching Plan

Sem. even Year 2018-2019

VI - sem

Teacher's Name Dr. Muley Y. M.

Class & division B.Sc.T.Y. Subject Integral Transform.

Month	Portion to be Covered
Dec	Unit-I Laplace Transform.
Jan	Unit-II Inverse Laplace Transform.
Feb	Unit-III Fourier Transforms

Extra teaching hours plan to cover the Syllabus within the prescribed period.

If portion/syllabus is not covered  
then extra lecture will be arranged  
at Sunday.

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Dr. Muley Y.M.



Kai.Rasika Mahavidyalaya, Deoni, Dist. Latur

Teaching Plan

Sem. I Year 2018-2019

Teacher's Name Dr. Y. M. Muley

Class & division B.Sc. F.Y. Subject Differential calculus.

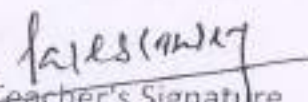
Book: Differential calculus - Shanti Narayan.

Month	Portion to be Covered
July	Unit - I nth order derivative
Aug	Unit - II mean value theorem.
Sept.	Unit - III Partial differential eqn.

Extra teaching hours plan to cover the Syllabus within the prescribed period.

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Principal  
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Teacher's Signature  
Dr. Y. M. Muley.  
Dept. of Maths



Kai.Rasika Mahavidyalaya, Deoni. Dist. Latur

Teaching Plan

Sem. I Year 2018-2019.

Teacher's Name Dr. Y.M. Muley

Class & division B.Sc. F.Y. Subject Algebra and Trigonometry

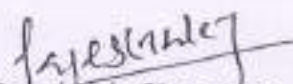
Topics in Algebra - Dr P. Chug, A.D. Gupta.

Month	Portion to be Covered
July	Unit - I Basic of Matrices.
Aug	Unit - II Rank of a matrix
Sept.	Unit - III Trigonometry

Extra teaching hours plan to cover the Syllabus within the prescribed period.

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Principal  
Principal  
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Teacher's Signature  
Dr. Y.M. Muley.  
Dept. of Maths



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Teaching Plan

Sem. III Year 2018, 2019

Teacher's Name Dr. Yogesh M. Muley

Class & division B.Sc. S.Y. Subject Group Theory (M-VII)

Books: Topic in Algebra - I.N. Herstein

Month	Portion to be Covered
July	<u>Unit - I</u> Group Theory
Aug	Unit - II :- Subgroups (cyclic, normal, quotient)
Sept	Unit - III :- Def of Homomorphism's, Cayley's Thm

Extra teaching hours plan to cover the Syllabus within the prescribed period.

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Dr. M. M. Muley  
Principal  
Principal  
Kai.Rasika Mahavidyalaya  
Deoni Dist. Latur

Dr. Y. M. Muley  
Teacher's Signature

Dr. Y. M. Muley  
Dept. of Maths.

Kai.Rasika Mahavidyalaya, Deoni. Dist.Latur

Teaching Plan

Sem. V Year 2018. 2019.

Teacher's Name Dr. Yogesh M. Muley

Class & division B.Sc. T.Y. Subject Metric space (M-XII)

Book: Mathematical Analysis - G.C. Malik & Arora

Month	Portion to be Covered
July	Unit - I :- Definitions and examples open and closed sets
Aug	Unit - II:- Convergence and completeness Continuity and uniform continuity
Sept.	Unit - III Compactness connectedness

Extra teaching hours plan to cover the Syllabus within the prescribed period.

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Principal  
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Teacher's Signature

Dr. Y.M. Muley.  
Dept. of Maths





# Kai. Rasika Mahavidyalaya, Deoni. Dist. Latur

## Teaching Plan

Sem. 1<sup>st</sup> Year 2018.. 2019.

Teacher's Name Dr. Vaishali Srikant Chatur

Class & division B.Sc. F.Y. Subject BOTANY

TH. PAPER-I - DIVERSITY OF MICROBES.

Month	Portion to be Covered
JULY-27	UNIT-I - Viruses and mycoplasma
AUG-23	UNIT-II - Bacteriology
SEP-15	UNIT-III - Fungi
SEP-22	UNIT-IV - Fungi and Lichens

Extra teaching hours plan to cover the Syllabus within the prescribed period.

03 Extra teaching hours plan  
are covered.

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Principal  
PRINCIPAL

Kai. Rasika Mahavidyalaya, Deoni  
Tq. Deoni Dist. Latur

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Teacher's Signature  
Head

Department of Botany  
Kai. Rasika Mahavidyalaya, Deoni  
Tq. Deoni, Dist. Latur -413519



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Teaching Plan

Sem. ~~V<sup>th</sup>~~ & ~~VI<sup>th</sup>~~ Year 2018. 2019.

Teacher's Name: Dr. Valshali Siddham Chavde

Class & division: B.Sc. IT Subject: Botany

PR. PAPER - XVII (OP-F) - Based on theory papers - XII & XIII

Month	Portion to be Covered
July	SI - total Practical
to	SI - covered - ?
Feb.	

Extra teaching hours plan to cover the Syllabus within the prescribed period.

No any extra teaching.

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Teaching Plan

Sem. VII<sup>th</sup> Year 2017-2018

Teacher's Name Dr. Vaishali Sricham Chavge

Class & division B.Sc.T.Y. Subject BOTANY

SECB-III(A) - Floriculture

Month	Portion to be Covered
JULY.10	UNIT-I - Fundamentals of Floriculture
JULY.25	UNIT-II - Propagation by runners
AUG.20	UNIT-III - soils and other media
AUG.28	UNIT-IV - methods of propagation
SEP.25	* Practicals - 4 total Practicals covered.

Extra teaching hours plan to cover the Syllabus within the prescribed period.

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Principal

  
Teacher's Signature

Kai.Rasika Mahavidyalaya, Deoni. Dist.Latur

Teaching Plan

Sem. I Year 2018 & 2019.

Teacher's Name Dr. MORE P. R.

Class & division B.Sc. F.Y. Subject Life and Diversity of Animals

Month	Portion to be Covered	
July-18	<u>Unit-I</u> : 1. Introduction of non-chordates 2. Protozoa 3. Porifera	11 period
Aug. 2018	Unit-II: 1. Coelenterata 2. Platyhelminthes 3. Nematohelminthes Unit-III: 1. Annelida	11 periods - 06 period
Sep.-2018	Unit-III: 2. Arthropoda - Cockroach Unit IV: 1. Mollusca	- 06 period
Sep.-2018	2. Echinodermata - Star fish 3. Hemichordata	11 period

Extra teaching hours plan to cover the Syllabus within the prescribed period.

Approximately 10 extra teaching hours will be required to complete the syllabus

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Principal

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Kai.Rasika Mahavidyalaya, Deoni. Dist.Latur  
Teaching Plan

Sem. II Year 2017. 2018.

Teacher's Name Dr. P. R. More

Class & division B.Sc. E.Y. Subject Zoology [Life & Diversity of Animals - II]

Month	Portion to be Covered
Nov-2017	<u>Unit I</u> - Introduction of chordates. - General characters of urochordates, - concept of Retrogressive metamorphosis.
Dec. 2017	<u>Unit: I</u> - Cephalochordata Agatha - cyclostomata <u>Unit-II</u> General characters & Classification of pisces
Jan.-2018	<u>Unit II</u> : Scollodon: External characters, Digestive, Respiratory, Circulatory, Nervous Sys. - Economic importance of fishes. <u>Unit III</u> Amphibia:
Feb: 2018	- Reptilia: - Aves: <u>Unit-IV</u> - mammals
with 11th, 10th march 2018	<u>Rept:</u>

Extra teaching hours plan to cover the Syllabus within the prescribed period.

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Principal

Kai.Rasika Mahavidyalaya, Deoni. Dist.Latur  
Teaching Plan

Sem. III Year 2018. 2019.

Teacher's Name Dr. P.R. More

Class & division B.Sc.S.Y. Subject Zoology

Paper name: Comparative Anatomy and Physiology (P-VII)

Month	Portion to be Covered	Periods
July-2018	Unit-I: 1. Comparative Anatomy of Vert. - Integument - Heart - Kidney	11
Aug. 2018	Unit-II: 1. Enzymes. 2. Nutrition Unit-III 1. Respiration	11 05
<del>Sept</del> Sep. 2018	Unit III 2. Circulation Unit IV 1. Excretion	06
	2. Nerve physiology 3. muscle physiology.	12

Extra teaching hours plan to cover the Syllabus within the prescribed period.

Approximately 10 Extra Teaching hours will be required to completion the syllabus.

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Principal

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Kai.Rasika Mahavidyalaya, Deoni. Dist. Latur

Teaching Plan

Sem. IV Year 2018, 2019.

Teacher's Name Dr. P. R. M. S. C.

Class & division B.Sc. S.Y. Subject Zoology

Paper name: Endocrinology, Histology, & Biochemistry

Month	Portion to be Covered
Nov-2017	<u>Unit-I</u> : pituitary, Thyroid gland.
Dec. 2017	<u>Unit-I</u> : Adrenal gland, pancreas, menstrual cycle <u>Unit-II</u> : Histology of mammalian organs & Tissue.
January - 2018	<u>Unit-III</u> : Carbohydrate metabolism - Glycogenesis, Glycogenolysis and Gluconeogenesis - Glycolysis. - Krebs's cycle.
Feb-2018	<u>Unit IV</u> <u>Protein metabolism</u> : - Deamination and Transamination - ornithine cycle 2) Lipid metabolism - $\beta$ -oxidation
10 March - 2018	- Ketosis, ketogenesis. and ketolysis.

Extra teaching hours plan to cover the Syllabus within the prescribed period.

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# Kai.Rasika Mahavidyalaya, Deoni. Dist.Latur

## Teaching Plan

Sem. V ..... Year 2018.. 2019..

Teacher's Name Dr. P. R. Mure .....

Class & division B.Sc. T.Y. ..... Subject Zoology .....

Paper Name : Aquaculture (P-XIII-A)

Month	Portion to be Covered	
July-18	Unit - [I]: 1. Introduction to Aquaculture 2. Types of Aquaculture <del>Unit</del>	11
Aug.-18	Unit - II. 3. Culture methods 4. sewage fed fish culture 5. man made Harbours & Aqu.	11
Aug. 18	Unit - III 6. Aquatic weeds & their control	06
Sep. 2018	Unit. III: 7. Culture of Non fish organisms Unit IV: 8. characteristics of water 9. Aquarium keeping.	12

Extra teaching hours plan to cover the Syllabus within the prescribed period.

..... Approximately 10 Extra teaching hours ..... will  
..... be required to completion the syllabus. .....

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Principal

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Teacher's Signature





Kai. Rasika Mahavidyalaya, Deoni, Dist. Latur

Teaching Plan

Sem. VI Year 2017-2018.

Teacher's Name Dr. P. R. More

Class & division B.Sc. T.Y. Subject Zoology

Paper name: Pisciculture

Month	Portion to be Covered
<del>Nov 2017</del> Dec. 2017	<u>Unit - I</u> 1. Fish farm engineering 2. Fish Farm management <u>Unit II</u> 3. Biology of IMC
Jan.-2018	4. Biology of EXOTIC crops. 4. Fish seed Resources <u>Unit - III</u> : Fishing methods - Gross.
Feb. 2018	- Crafts 6. Fish Diseases. <u>Unit - IV</u> Fish preservation & processing
March-18	Fish by products.

Extra teaching hours plan to cover the Syllabus within the prescribed period.

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Kai.Rasika Mahavidyalaya, Deoni. Dist.Latur

Teaching Plan

Sem. II Year 2018, 2019.

Teacher's Name Dr. Podge. S. S.

Class & division B.sc. Fy Subject Developmental Biology.

Month	Portion to be Covered
Dec	<u>Unit-I</u> ① Introduction ② Gametogenesis ③ Types of Eggs <u>Unit-II</u> ① Gametes of Frog.
Jan	② Frog Embryology ③ Regeneration in Non-chordate & chordate <u>Unit-III</u> ① chick Embryology
Feb	② placentation in Mammals <u>Unit-IV</u> ① stem cell ② ETT.
Mar	③ Parthenogenesis.

Extra teaching hours plan to cover the Syllabus within the prescribed period.

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Teacher's Signature



Kai.Rasika Mahavidyalaya, Deoni. Dist. Latur

Teaching Plan

Sem: IV Year 2018 2019 (2018-19)

Teacher's Name: Dr. Pedge S.S.

Class & division: B.Sc. Sy Subject: Genetic Engineering & Evolution

Month	Portion to be Covered
Dec	<u>Unit-I</u> ① Introduction of Genetic Engineering ② Recombinant DNA Technology ③ Tehniques
Jan	<u>Unit-II</u> ① constauction of DNA ② c-DNA libraries & Genomic libraries ③ Transgenesis & Transgenic animals ④ cloning and cloned animals ⑤ DNA Fingerprinting
Feb	<u>Unit-III</u> ① concept of Evolution ② Theories of orgenic Evolution <u>Unit-IV</u> ① Evidence of orgenice Evolution
March	② Adaptations ③ Hardy-Weingberg's law

Extra teaching hours plan to cover the Syllabus within the prescribed period.

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Principal

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Teacher's Signature



Kai.Rasika Mahavidyalaya, Deoni. Dist. Latur

Teaching Plan

Sem. VI Year 2018. 2019.

Teacher's Name Dr. Pedge. S.S.

Class & division B.Sc. TY Subject Ethology, Biometry & Bioinformatics

Month	Portion to be Covered
Dec	<u>Unit - I</u> - ① classification of Animal Behavior <u>Unit - II</u> - ① communication in animals.
Jan	② Mimicry & camouflage. <u>Unit - III</u> - ① collection & classification of data ② Measures of central tendency
Feb	③ Graphic Representation of data <u>Unit - IV</u> - Bioinformatics
Mar	<u>Unit - IV</u> - Bioinformatics.

Extra teaching hours plan to cover the Syllabus within the prescribed period.

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Teaching Plan

Sem. V<sup>th</sup> Year 2018. 2019.

Teacher's Name Dr. V.S. More

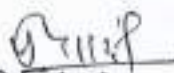
Class & division B.Sc. I.Y. Subject Physical Chemistry

Month	Portion to be Covered
July - 2019	<u>Sep</u> spectroscopy - I
- Aug - 2019	- Spectroscopy - II - chemical kinetics
Sept - 2019	- chemical kinetics - Distribution law
Oct - 2019	- Distribution law

Extra teaching hours plan to cover the Syllabus within the prescribed period.

Aug-2019 Spectroscopy - II, Chemical kinetics

Sep-19 Distribution law

  
Principal

  
Teacher's Signature



Kai.Rasika Mahavidyalaya, Deoni. Dist. Latur

Teaching Plan

Sem. III Year 2018-2019

Teacher's Name Dr. V. S. More

Class & division B.Sc. S.Y. Subject Organic Chemistry

Month	Portion to be Covered
July-2019	- Name Reaction with mechanism - organic synthesis via Enolates
Aug-2019	Aromatic Carboxylic and Sulphonic acid
Sep-2019	- Introduction to organometallic comp's - oils, fats, soaps & Detergents
Oct-2019	- oils, fats, soaps & Detergents

Extra teaching hours plan to cover the Syllabus within the prescribed period.

Aug-2019, Aromatic Carboxylic acid & Sulphonic acid

Sept-2019: Introduction to organometallic comp's

  
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Teaching Plan

Sem. II Year 2018. 2019

Teacher's Name Dr. V.S. More

Class & division B.Sc. F.Y. Subject Inorganic Chemistry

Month	Portion to be Covered
July - 2019	Periodic Table and Periodic Properties
Aug - 2019	- S-block elements - Noble gas chemistry
Sept - 2019	- Oxidation Reduction
Oct - 2019	- Oxidation Reduction


Extra teaching hours plan to cover the Syllabus within the prescribed period.

July - 2018, Periodic Table & periodic properties

Aug - 2018, - Noble gas chemistry

Sept - 2018 - Oxidation Reduction

  
Principal



Teacher's Signature



Kai.Rasika Mahavidyalaya, Deoni. Dist. Latur

Teaching Plan

Sem. Winter-2019 Year 2018, 2019.

Teacher's Name Mr. B.P. Ankush

Class & division B.Sc. F.Y. sem-I Subject organic chemistry

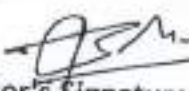
Month	Portion to be Covered
July.	Unit-I: Nomenclature of organic compds. Unit-II: Basic concepts of org. chemistry
Aug	Unit-II: Basic concepts of org. chemistry Unit-III: Alkanes, Alkenes & Alkynes
Sept	Unit-III: Alkanes, Alkenes & Alkynes Unit-IV: cycloalkanes, cycloalkenes and dienes
Oct	Unit-IV: cycloalkanes, cycloalkenes & dienes.

Extra teaching hours plan to cover the Syllabus within the prescribed period.

Aug: Alkanes, Alkenes, & Alkynes (Remaining)

Sept: cycloalkanes, cycloalkenes & Dienes (Remaining)

  
Principal

  
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Kai.Rasika Mahavidyalaya, Deoni. Dist. Latur

Teaching Plan

Sem. Winter-2019 Year 2018-2019

Teacher's Name Mr. B. P. Anjush

Class & division B.Sc. S.Y. (III) <sup>Sem.</sup> Subject Physical chemistry

Month	Portion to be Covered
July.	I: Atomic structure & wave mechanics
Aug	II: Thermodynamics III: concept of Entropy
Sept	IV: phase Equilibrium
Oct	IV: phase Equilibrium.

Extra teaching hours plan to cover the Syllabus within the prescribed period.

Aug: concept of Entropy (Remaining)

Sept: phase Equilibrium (Remaining)

Principal

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Kai.Rasika Mahavidyalaya, Deoni. Dist. Latur

Teaching Plan

Sem. Winter-2019 Year 2018-2019.

Teacher's Name Mr. B. P. Ankush

Class & division B. Sc. T. Y. (sem - V) Subject Inorganic chemistry

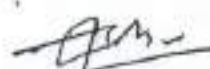
Month	Portion to be Covered
July	I: CO-ordination chemistry (I)
Aug	II: The chemistry of Elements in medicine. III: Organometallic compounds
Sept	IV: metal Carbonyl
Oct	IV: metal Carbonyl

Extra teaching hours plan to cover the Syllabus within the prescribed period.

July: CO-ordination chemistry

Aug: Organometallic compounds

  
Principal

  
Teacher's Signature

# Janseva Sevabhavi Prathisthan Bhopni's

## Kai. Rasika Mahavidyalaya Deoni,

Annual Teaching Plan - Academic Year 2018-19

Class: B. Sc. F.Y SEM: (I and II) Subject: Physics

Paper: Mechanics and Properties of Matter (I), Heat and Thermodynamics(III)

Month	Topic and Sub-topic
June	<b>Unit-I Mechanics</b> Frames of reference, Laws of Mechanics (Newton's Laws of motion), inertial frame of reference, Centre of Mass, Conservation of momentum.
July	Work, energy work energy Theorem, Conservation of energy, Angular velocity and angular momentum, Angular Momentum and Torque, Conservation of angular momentum Newton's law of Gravitation, Kepler's laws of Planetary Motion, Kepler's deduction from Newton's laws, Gravitational Field, Gravitational Intensity, Gravitational Potential, Gravitational Potential energy, Potential and field Intensity due to uniform Solid Sphere at a point (Point inside and outside) <b>Unit-II Surface Tension</b> Definition of Surface Tension, Curvature pressure and Surface Tension, Difference of pressure on two sides of liquid surface, Expression for Excess Pressure inside a Spherical Drop and spherical Soap Bubble, Surface Tension by Jaeger's Method, Surface Tension by Ferguson Method.
August	<b>Unit- III Viscosity</b> Introduction, Coefficient of Viscosity, Streamline flow, critical velocity, Bernoulli's theorem, (Kinetic energy, Potential energy, Pressure energy) Poiseuille's equation for the flow of liquid through a tube, Determination of coefficient viscosity by Poiseuille's Method.
September	<b>Unit- IV Elasticity</b> Definition of three types of Elastic stress and Strains, Deformation of cube ( Bulk Modulus), Modulus of Rigidity and Young's modulus, Relation connecting elastic constants, Twisting couple on a cylinder or a (wire), Tensional pendulum, Bending of Beam, Bending Moment, Cantilever (Weight of the beam is ineffective, Weight of the beam is effective), Depression of a Beam supported at the ends and loaded at the centre, Determination of $\gamma$ by bending of beam.
October	University Exam
November	Diwali Holiday and University Exam
December	<b>Unit-I Kinetic Theory</b> Mean free path, Transport Phenomena, Viscosity of Gases, Thermal Conductivity of Gases, Diffusion, Inter relation between three transport coefficients
January	<b>Unit- II Low Temperature Physics</b> Andrew's Experiment on CO <sub>2</sub> , Amagat's Experiment, Behavior of Gases at high pressure, Porous Plug Experiment, Vander wall's Equation of State, Critical Constants, Corresponding states, Coefficients of Vander wall's Equation, Boyles temperature, Temperature of Inversion Relation between Boyles temperature and Temperature of Inversion, Reduced Equation of State, properties of matter near critical point.
February	<b>Unit-III Thermodynamics</b> First Law of Thermodynamics, Relation connecting P, V and T in an Adiabatic Process, Second Law of Thermodynamics (Kelvin and Clausius statements), Carnot's cycle, Carnot's heat Engine, Carnot's Theorem, Entropy, Entropy of Irreversible processes, entropy of reversible process Third Law of Thermodynamics. :Maxwell's Thermodynamical Relations, T- ds equations, Clausius-Clapeyron latent heat equations, Internal energy, Helmholtz' function, Enthalpy, Gibb's function
March	<b>Unit-IV Theory of radiation</b> Blackbody radiation, Spectral distribution, Concept of Energy Density, Derivation of Planck's law, Deduction of Wien's distribution law, Rayleigh- Jeans Law, Stefan Boltzmann Law and Wien's displacement law from Planck's law
April	University Exam

Head of Department

Principal  
Principal

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**Kai. Rasika Mahavidyalaya, Deoni, Dist. Latur**  
**Teaching Plan**  
**Sem I & II Year 2018- 2019**

Teacher's Name **Mr. Tenkale Mahadev Nagnath**  
Class & division **B.Sc/B.Com F.Y**

Subject: **Compulsory English**

Month	Period to be covered
July	The Secret of Work, On Saying Please, Go kiss the World
August	The Night Train At Deoli, The Scientific point of view Father's Help
September	Karma, If you are Wrong, admit it, Antonyms/Synonyms Report Writing, Letter Writing, e-mail writing
Oct/Nov	Vacation
Nov/Dec.	Marriage of true Minds, The School Boy, The education of nature
January	All Things will die, Still I Rise, My Grand Mother
February	Where Mind is Without fear, Refugee Mother and Child
March	Verbal and non verbal communication

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**JSPB's**  
**Kal. Rasika Mahavidyalaya, Deoni, Dist. Latur**  
**Teaching Plan**  
**Sem III & IV Year 2018- 2019**

Teacher's Name Mr. Tenkale Mahadev Nagnath  
Class & division B.Sc/B.Com S.Y

Subject: Compulsory English

Month	Period to be covered
July	The Happy Prince Spoken English and Broken English The Necklace, Prospects of Democracy in India
August	How much Land does a man need? The last leaf Gifts , Pyramus and Thisbe
September	Idioms, Phrases and Reported Speech
Oct/Nov	vocation
Nov/Dec.	Another's Sorrow , Astrophil and Stella, The Pulley
January	La Belle Dame Sans Merci, The Lost Leader, She Walks in beauty,
February	Upagupta ,The Despairing Lover, English Speech Sounds,
March	consonants and vowels

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# Kai.Rasika Mahavidyalaya, Deoni. Dist.Latur

## Teaching Plan

Sem. I<sup>st</sup> & II<sup>nd</sup> Year 2018-2019

Teacher's Name Dr. Vaishali Anandram Chaturge

Class & division B.Sc. F.Y. Subject Botany

Practical paper - Vth Based on theory paper - I, II, III

Month	Portion to be Covered
July	14 - total practical
to	Covered +0 - 13
Feb.	

Extra teaching hours plan to cover the Syllabus within the prescribed period.

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# Kai.Rasika Mahavidyalaya, Deoni. Dist.Latur

## Teaching Plan

Sem. III Year 2018. 2019

Teacher's Name Dr. Vaishali S. Chalm. Chalghe

Class & division B.Sc. S.Y. Subject BOTANY

TH. PAPER VI - morphology & Taxonomy of Angiosperms

Month	Portion to be Covered
<del>JUN</del> 14	UNIT-I - morphology of Angiosperms
AUG. 15	UNIT-II - Taxonomy of Angiosperms
SEP. 18	UNIT-III - study of Families - I
OCT. 5	UNIT-IV - study of Families - II

Extra teaching hours plan to cover the Syllabus within the prescribed period.

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Teaching Plan

Sem III<sup>rd</sup> & IV<sup>th</sup> Year 2018.. 2019.

Teacher's Name Dr. Vaishali Sidham Chaturge

Class & division B.Sc.S.Y. Subject Botany

PR. paper - X - Practicals based on section -A of CB-III

Month	Portion to be Covered
July	06 - total Practical
to	covered.
Feb.	"

Extra teaching hours plan to cover the Syllabus within the prescribed period.

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Principal  
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V. S.  
Teacher's Signature





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Teaching Plan

Sem III<sup>rd</sup> Year 2018-2019

Teacher's Name Dr. Vaishali Siddaram Chaturge

Class & division B. Sc. S.Y. Subject Botany

SECB-IA - Medicinal Plant product preparation Skill.

Month	Portion to be Covered
July	UNIT-I - Medicinal plants
to	UNIT-II - study of medicinal plants
Oct. 10	UNIT-III - Practicals on medicinal Plant Product Preparation

Extra teaching hours plan to cover the Syllabus within the prescribed period.

No any Extra teaching.

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**PRINCIPAL**

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Teaching Plan

Sem. IV<sup>th</sup> Year 2018-2019

Teacher's Name Dr. Vaishali Sidharam Chaturge

Class & division B.Sc. S.Y. Subject Botany

SECB-IIA :- Fungal Biomass production for Biocomp

Month	Portion to be Covered
Dec.	UNIT-I - Biocontrol.
to	UNIT-II - Trichoderma cultivation.
Feb. 28	UNIT-III - Practicals on trichoderma cultivation.

Extra teaching hours plan to cover the Syllabus within the prescribed period.

No any Extra teaching.

[Signature]  
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Teacher's Signature