



Founder



Karmaveer Bhausaheb Hiray

Mahatma Gandhi Vidyamandir's

Loknete Vyankatrao Hiray Arts, Science & Commerce College

Affiliated to S.P.P. Uni., Pune Id. No. PU/NS/ASC/018 [1971]

Website : www.lvhcollege.com e-mail : lvhcollege@gmail.com

Re-Accredited by NAAC with 'A' Grade
Best College Award 2017 (S.P. Pune University)

TEACHING PLANS

SAMPLE COPIES

Mahatma Gandhi Vidyamandir's
Loknete Vyankatrao Hiray Arts, Science & Commerce College,
Panchavati, Nashik-03

Teaching Plan

Class: T.Y.B.Sc


Subject: Physical Chemistry Practical-II (Paper: CH-603)

Term: II

Academic Year-2021-22

Name of the Teacher: Dr. Vishnu A. Adole

Sr. No.	Month	Practical
1	Jan/Feb	1. Potentiometry (any five) 1) To determine the PKa value of given monobasic weak acid by potentiometric titration. 2) To determine the formal redox potential of $\text{Fe}^{2+}/\text{Fe}^{3+}$ system potentiometrically. 3) To determine the amount of NaCl in the given solution by potentiometric titration against silver nitrate. 4) To determine the solubility product and solubility of AgCl potentiometrically using chemical cell. 5) Estimate the amount of Cl^- , Br^- and I^- in given unknown halide mixture by titrating it against standard AgNO_3 solution (mixture of any two ions). 6) To prepare standard 0.2 M Na_2HPO_4 and 0.1 M Citric acid solution, hence prepare four different buffer solutions using them. Determine the pH value of these and unknown solution. 7) To determine the composition of Zinc ferrocyanide complex potentiometrically 8) To determine the standard electrode potentials of Cu and Ag electrodes and to determine the EMF of a concentration cell.
2	Feb	2. pH metry (any three) 1) To determine the degree of hydrolysis of aniline hydrochloride. 2) To determine the dissociation constant of oxalic acid by pH-metric titration with strong base. 3) Determination of Pka of given weak acid by pH metry titration with strong base 4) To determine the acid and base dissociation constant of an amino acid and hence the isoelectric point of an acid. 5) pH metric titration of strong acid against strong base by pH measurement and hence determine the concentration and strength of strong acid.
3	March	3. Radioactivity (any one) 1) To determine plateau voltage of the given G M counter. 2) To determine the resolving time of GM counter. 3) To determine Emax of beta particle 4. Colligative properties (any one) 1. To determine the molecular weight of solute by depression in freezing point method 2. To study the association of Benzoic acid in benzene by Beckmann Method 3. Determine the molecular weight of given electrolyte and non-electrolyte by Landsberger's method and to study the abnormal molecular weight of electrolyte 5. Turbidometry: (any one) 1. Determination of SO_4^{2-} and Cl^- by turbidimetric method (turbidimetric titration or calibration curve method) 2. To determine the molecular weight of a given polymer by turbidometry


Dr. Vishnu A. Adole
(Subject Teacher)


Prof. Dr. Kailas H. Kapadnis
(Head of the Department)

HEAD
Department of Chemistry
L.V.H. College
Nashik - 422 003

**Mahatma Gandhi Vidyamandir's
Loknete Vyankatrao Hiray Arts, Science & Commerce College,
Panchavati, Nashik-03**

Teaching Plan

Class: T.Y.B.Sc


Subject: Physical Chemistry Practical-I (Paper: CH-503)

Term: I

Academic Year-2021-22

Name of the Teacher: Dr. Vishnu A. Adole

Sr. No.	Month	Practical
1	Sept.	1. Refractometry: (any two) 1) To determine the specific refractivity's of the given liquids A and B and their mixture and hence determine the percentage composition their mixture C. 2) To determine the molecular refractivity of the given liquids A, B, C and D. 3) To determine the molar refraction of homologues methyl, ethyl and propyl alcohol and show the constancy contribution to the molar refraction by -CH ₂ group. 4) Determine the refractive index of a series of salt solutions and determine the concentration of a salt of unknown solution
2	Oct.	2. Spectrophotometry and Colorimetry (any three) 1) To titrate Cu ²⁺ ions with EDTA photometrically. 2) To determine the indicator constant of methyl red indicator 3) To estimate of Fe ³⁺ ions by thiocyanate method. 4) Cobalt by using R-nitroso salt method. 5) To determine the order of reaction for the oxidation of alcohol by potassium dichromate and potassium permanganate in acidic medium calorimetrically. 6) Simultaneous determination of Cu ²⁺ and Ni ²⁺ ions by colorimetry/spectrophotometry method
3	Nov.	3. Conductometry (any four) 1) Titration of a mixture of weak acid and strong acid with strong alkali. 2) To determine the velocity constant of hydrolysis of ethyl acetate by NaOH solution by conduct metric method. 3) To determine the normality of citric acid in given fruit by titrating it against standard NaOH solution by conductometric method. 4) To determine λ^∞ of strong electrolyte (NaCl or KCl) and to verify Onsager equation. 5) To estimate the amount of lead present in given solution of lead nitrate by conductometric titration with sodium sulphate. 6) To determine the relative strength of monochloro acetic acid and acetic acid conductometrically
4	Dec.	4. Viscosity: (any one) 1. To determine the molecular weight of a high polymer by using solutions of different concentrations. 2. Determine the radius of glycerol molecule from viscosity measurement. 5. Photoflurometry 1. Analysis of Riboflavin from vitamin supplementary capsules / syrup / tablet sample by Photoflurometry


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Panchavati, Nashik-03

Teaching Plan

Class: T.Y.B.Sc

Subject: Physical Chemistry-I (Paper: CH-501)


Term: I

Academic Year-2021-22

Name of the Teacher: Dr. Vishnu A. Adole

Sr. No.	Month	Topics	Remark
1	Sept.	1. Quantum Chemistry Introduction, de Broglie hypothesis, The Heisenberg's uncertainty principle, quantization of energy, Operators, Schrodinger wave equation, well behaved function, Particle in a one-, two and three-dimensional box (no derivation), Physical interpretation of the ψ and ψ^2 , sketching of wave function and probability densities for 1D box, degeneracy, applications to conjugated systems, zero-point energy and quantum tunneling, Numerical problems	10 Lectures
2	Oct.	2. Investigation of Molecular structure Introduction: Molar refraction and molecular structure, Dipole moment and molecular structure, electromagnetic spectrum, energy of molecules, Types of molecular spectra. Microwave Spectroscopy: Introduction, Classification of molecules on the basis of moment of Inertia, Rotational spectra of rigid diatomic molecules, relative intensities of spectral lines, effect of isotopic substitution on the rotational spectra, Determination of bond length and moment of inertia from rotational spectra, Problems Infrared Spectroscopy: Introduction, Simple Harmonic oscillator, Modes of vibration, force constant, Vibrational spectrum of a diatomic molecule: Vibrational Energy expression, Allowed vibrational energies, zero-point energy, Selection rule, Vibrational energy level diagram with transitions, spectrum depiction, Vibration-rotation Spectra: Born-Oppenheimer approximation, Energy expression for vibrational rotor, Selection rules, Vibrational-rotational energy level diagram with transitions, Nature of vibrational spectra, P, Q and R branches of lines of the IR spectra, Problems	10 Lectures
3	Nov.	Raman Spectroscopy: Introduction, Classical and Quantum theory of Raman effect, Rayleigh, Stokes and anti-stokes lines, Pure rotational Raman spectra of linear diatomic molecules 3. Photochemistry: Introduction, Difference between thermal and photochemical processes, Laws of photochemistry: i) Grothus - Draper law ii) Stark-Einstein law, Quantum yield, Reasons for high and low quantum yield., Factors affecting Quantum yield.	10 Lectures
4	Dec.	4. Photochemistry Remaining: Experimental method for the determination of quantum yield, types of photochemical reactions - photosynthesis, photolysis, photocatalysis, photosensitization, Jablonski diagram depicting various processes occurring in the excited state: Qualitative description of fluorescence and phosphorescence, Chemiluminescence, Problems.	6 Lectures


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Panchavati, Nashik-03

Teaching Plan

Class: T.Y.B.Sc

Subject: Physical Chemistry-III (Paper: CH-602)

Term: II

Academic Year-2021-22

Name of the Teacher: Dr. Vishnu A. Adole

Sr. No.	Month	Topics	Remark
1	Jan	1) Colligative properties of dilute solutions Introduction, Solution, electrolytes and nonelectrolytes, Meaning of term colligative property, relative lowering of vapour pressure of solvent in solution, elevation of B.P. of solvent in solution, Landsberger's method, freezing point depression, Beckmann's method, Osmosis and Osmotic pressure, Berkeley and Hartley method, application of colligative properties to determine molecular weight of nonelectrolyte, abnormal molecular weight, Relation between Vant Hoff's factor and degree of dissociation of electrolyte by colligative property, Numerical.	09 Lectures
2	Feb	2) Kinetics of Reactions in the Solid State: Some General Considerations, Factors affecting reactions in Solids, Rate Laws for Reactions in Solids, The Parabolic Rate Law, The First-Order Rate Law, The Contracting Sphere Rate Law, The Contracting Area Rate Law, The Prout-Tompkins Equation, Rate Laws Based on Nucleation, Applying Rate Laws, Results of Some Kinetic Studies, The Deaquation-Anation of $[\text{Co}(\text{NH}_3)_5\text{H}_2\text{O}]\text{Cl}_3$, Two Reacting Solids	09 Lectures
3	March	3) Electronic structure and macroscopic properties Cohesive energy in ionic crystals, electronic structure of solids, conductors and insulators, Ionic crystals, semiconductors, cohesive energy in metals.	08 Lectures
4	April	4) Polymers Introduction to Polymer Chemistry, Brief History, Polymer definition, Preparation, Classification, Structures, Chemical bonding & Molecular forces in Polymers. Molecular weights of polymers: Average Molecular weight, Number Average & Weight Average Molecular weight, Molecular weight & degree of polymerization, Practical significance of polymer molecular weights, b) Molecular weight determination by End Group Analysis & Viscosity method and c) Problems based on Number Average & Weight Average Molecular weight.	10 Lectures



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Teaching Plan

Class: F.Y.B.Sc

Subject: Physical Chemistry (Paper: CH-101)

Term: I

Academic Year-2021-22

Name of the Teacher: Dr. Vishnu A. Adole

Sr. No.	Month	Topics	Remark
1	Sept	1. Chemical Energetics Review of thermodynamics and the Laws of Thermodynamics. Important principles and definitions of thermochemistry. Concept of standard state and standard enthalpies of formations, integral and differential enthalpies of solution and dilution. Calculation of bond energy, bond dissociation energy and resonance energy from thermochemical data. Variation of enthalpy of a reaction with temperature – Kirchhoff's equation. Statement of Third Law of thermodynamics and calculation of absolute entropies of substances, problem	11 Lectures
2	Oct	2. Chemical Equilibrium: Introduction: Free Energy and equilibrium - Concept, Definition and significance. The reaction Gibbs Energy, Exergonic and endergonic reaction. The perfect gas equilibrium, the general case of equilibrium, the relation between equilibrium constants, Molecular interpretation of equilibrium constant. The response of equilibria to conditions- response to pressure, response to temperature, Van't Hoff equation, Value of K at different temperature, Problems (11 L)	11 Lectures
3	Nov	3. Ionic Equilibria Strong, moderate and weak electrolytes, degree of ionization, factors affecting degree of ionization, ionization constant and ionic product of water. Ionization of weak acids and bases, pH scale, common ion effect. Salt hydrolysis-calculation of hydrolysis constant, degree of hydrolysis and pH for different salts.	11 Lectures
4	Dec	Buffer solutions. Solubility and solubility product of sparingly soluble salts– applications of solubility product principle	3 Lectures



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Teaching Plan

Class: F.Y.B.Sc


Subject: Analytical Chemistry (Paper: CH-202)

Term: II

Academic Year-2021-22

Name of the Teacher: Dr. Vishnu A. Adole

Sr. No.	Month	Topics/Practicals	Remark
1	Jan	1. Introduction to Analytical Chemistry What is analytical Chemistry, the analytical perspectives, Common analytical problems.	03 Lectures
		2. Calculations used in Analytical Chemistry Some important units of measurements-SI units, distinction between mass and weight, mole, millimole and Calculations, significant figures Solution and their concentrations- Molar concentrations, Molar analytical Concentrations, Molar equilibrium concentration, percent Concentration, part per million, part per billion, part per thousand, Solution –dilutant volume ration, functions , density and specific gravity of solutions, problems Chemical Stoichiometry – Empirical and Molecular Formulas, Stoichiometric Calculations, Problems.	10 Lectures
2	Feb	3. Qualitative Analysis of Organic Compounds Types of organic compounds, characteristic tests and classifications, reactions of different functional groups, analysis of binary mixtures. Analysis – Detection of nitrogen, sulfur, halogen and phosphorous by Lassaigne's test. Purification of organic compounds- Introduction, recrystallization, distillation, sublimation	05 Lectures
3	March	4. Chromatographic Techniques Paper and Thin Layer Chromatography Introduction- Introduction to chromatography, IUPAC definition of chromatography. History of Chromatography- paper chromatography, Thin Layer Chromatography, Ion exchange Chromatography, Gas permeation Chromatography, affinity chromatography, Gas chromatography, Supercritical fluid chromatography, High Performance Liquid Chromatography, Capillary electrophoresis, Classification of chromatographic methods – according to separation methods, according to development procedures. Thin Layer Chromatography: Theory and principles, outline of the method, surface adsorption and spot shape, Comparison of TLC with other forms of chromatography, adsorbents, preparation of plates, application of samples, development. Paper Chromatography- Origin, overview of technique, sample preparation, types of paper, solvents, equilibrium, development, sample application and detection, Identification, Quantitative methods, applications of paper chromatography	14 Lectures
4	April	5. pH meter Introduction, pH meter, Glass pH electrode, combination of pH electrode- Complete Cell, Standard Buffer –reference for pH measurement, Accuracy of pH measurement, Using pH meter –How does it works? Applications of pH meter.	04 Lectures


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Mahatma Gandhi Vidyamandir's
L. V. H. Arts, Science & Commerce College, Panchavati, Nashik-03
Monthly Teaching Plan: 2021-22

Name of the Department: **Electronic Science**
 Name of the Faculty: **Dr. U. P. Shinde**
 Paper: **I: EL- 231: Communication Electronics.**

Class:- **S. Y. B. Sc**
 Sem.:- **I**
 No. of Credits:- **02**

Month	Topics to be taught	Remark
September 2021	UNIT- 1: Introduction to Electronic Communication (6) Introduction to communication- means and modes, Block diagram of an electronic communication system, Electromagnetic spectrum, Brief idea of frequency allocation for radio communication system in India (TRAI) concept of Noise, signal-to-noise (S/N) ratio, Noise figure and noise temperature Need of modulation and demodulation. UNIT- 2: Continuous-wave modulation techniques (16) Amplitude modulation: AM waveform, mathematical expression of AM, concept of sideband, Definition and problems: modulation index, power distribution. AM using transistor, AM Receiver: demodulator circuit using diode and super-heterodyne receiver.	Use of PPT, A/V Tools, Text book / Reference books. Teaching Online (Zoom / Google meet) / offline mode.
October 2021	Characteristics of receiver: selectivity, sensitivity, Image frequency and dynamic range. Block diagram of AM communication system Frequency modulation: FM waveform, mathematical representation, frequency spectrum, and bandwidth and modulation index. Problems based on modulation index, frequency deviation, average power. FM Modulation using varactor diode. FM Demodulator: Foster-Seeley detector. Block Diagram of FM communication system. Comparison of AM and FM UNIT-3: Pulse modulation techniques: (06) Types of analog pulse modulation: concept and generation of PAM, PWM, PPM	Use of PPT, A/V Tools, Text book / Reference books. Teaching Online (Zoom / Google meet) / offline mode. (Internal Test as per schedule of Examination Department)
November 2021	Spectra of pulse modulation, concept of time division multiplexing and frequency division multiplexing. UNIT- 4: Introduction to digital communication (08) Block diagram of digital communication system, advantages of digital communication system, bit rate, baud rate and bandwidth. Serial and parallel communication, concept of sampling, Sampling theorem,	Use of PPT, A/V Tools, Text book / Reference books. Teaching Online (Zoom / Google meet) / offline mode. (Internal Test as per schedule of Examination Department)
December 2021	PCM concept of keying techniques: ASK, FSK, PSK Block diagram of MODEM	Revision of whole syllabus and problem solution from all units. (External examination as per schedule of SSPU, Pune)

References Books:

1. Communication Electronics : Principles and applications by Louis E Frenzel 3rd edition TMH Publications
2. Electronics Communication Systems by Denis Roddy, John Coolen, PHI publication.
3. Kennedy, George & Davis, Bernard / "Electronic Communication Systems" / Tata McGraw-Hill / 4th Ed.
4. Singh R. P. & Sapre S. D. / "Communication Systems: Analog & Digital" / Tata McGraw- Hill


 Teacher


 HOD


 Academic Supervisor

Head
 Dept. of Electronic Science
 L. V. H. Arts, Science & Commerce College
 Panchavati, Nashik -03


 Principal
 Loknete Vyankatrao Hiray
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 Panchavati, Nashik - 3.


M. G. Vidyamandir's
Loknete Vyankatrao Hiray Arts, Science and Commerce College,
Panchavati, Nashik - 422 003
TEACHING PLAN
Academic Year: 2021-2022

Name of the Teacher: Dr. Pragati B. Marakwar
 Department: History
 Class: SYBA S1
 Paper: Medieval India: Mughal Period

Sem: IV

Sr. No.	Month	Topics (sub-topics)	Remark
01	January	Unit I: Foundation of Mughal Empire a) Sources of Historiography of Mughal Period b) Babur: The Foundation of Mughals Empire c) Humayun Struggle with Sher Shah Suri. Sher Shah: administrative reforms Unit II: The Consolidation of the Mughal Empire a) Akbar: Extent of the Mughal Empire, Mansabdari System, Religious Policy	
05	November	b) Expansion: Deccan Policy of Jahangir and Shah Jahan c) The reign of Aurangzeb: Rajput Policy, Ahom conflicts, Sikh Policy, Deccan expeditions Unit III: Administrative systems a) Central and Provincial Administration	
06	December	b) Revenue System c) Judicial System, Military administration Unit IV: Economy, Society and Culture a) Economy: Agriculture, trade and industry b) Society: Caste system, position of women, Bhakti and Sufi movement. c) Culture: Science and Technology.	


 Subject Teacher


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Panchavati, Nashik - 422 003

TEACHING PLAN

Academic Year: 2021-2022

Name of the Teacher: Dr. Pragati.B.Marakwar

Department: History

Class: SYBA S1

Sem: III

Paper: Medieval India - Sultanate Period

Sr. No.	Month	Topics (sub-topics)	Remark
01	July	Admission Process	
02	August	Preparation of Annual plan of the department Preparation of Teaching plan	
03	September	Preparation of UG and PG Time Table Naac related work and organized Webinar	
04	October	Unit I: Foundation of the Delhi Sultanate a) Sources of Historiography of Sultanate Period b) Invasions of Muhammad Ghori c) Foundation of Delhi Sultanate: Qutbuddin Aibak Unit II: The early Sultans of Delhi and their contributions a) Iltutmish b) Raziyya	
05	November	a) Balban Unit III: Expansion of Sultanate a) Alauddin Khalji: Expansion and Administrative Reforms Experiments of Muhammad-Bin-Tughlaq, Firuz Tughlaq: Administrative Reforms.	
06	December	a) The Saiyyids, the Lodis and the decline of the sultanate. Unit IV: Kingdoms of Vijayanagar and Bahamani a) Rise of Vijayanagar Empire: Harihar, Bukka, Krishnadevray b) The Emergence and expansion of the Bahamani Kingdom: Contribution of Muhammad Gawan c) Disintegration of Bahamani Kingdom	

Prd

Subject Teacher

Prd

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Prd

Principal
Principal

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Loknete Vyankatrao Hiray Arts, Science and Commerce College,
Panchavati, Nashik - 422 003
TEACHING PLAN
Academic Year: 2021-2022

Name of the Teacher: Dr Pragati B. Marakwar

Department: History

Class: M.A. I


Pattern: Sem. II

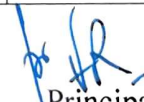
Paper: CC-06

Socio-Economic History of the Marathas

Sr. No.	Month	Topics (sub-topics)	Remark
01	December	1. Defining socio-economic history	
02	January	2 Sources: Perceptions, Limitations, Range a. Literary b. Foreign c. Archival d. Miscellaneous	
03	February	3 Social institutions a. Village community b. Social stratification and mobility c. Caste and community d. Marriage and family e. Fairs and festivals f. Education	
04	March	4. Agrarian System a. Types of land b. Assessment of land c. Methods of land revenue collection	
05	April	5 Trade, Industries and handicraft a. Centers of trade b. Trade routes c. Major and minor industries d. Types of coins e. Banking house	
06	May	Summer Vacation	
07	June	Examination	


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**Mahatma Gandhi Vidyamandir's
Loknete Vyankatrao Hiray Arts, Science and Commerce College,
Panchavati, Nashik-3**

**MONTHLY TEACHING PLAN
ACADEMIC YEAR 2021-22**

Department: Commerce

Class: F.Y.B.Com.

Name of the Faculty: Dr. A.C. Lokhande

Semester/Term: Second

Sr. No	Class/Subject	Month	Topic	Remarks
1	FB Com Semester : II Course Code - 126 (C) Subject : Marketing and Salesmanship- Fundamental of Marketing- II	March 2022	Salesmanship 1.1 Meaning and Definition of Salesmanship 1.2 Features of Salesmanship 1.3 Scope of Salesmanship 1.4 Modern Concept of Salesmanship 1.5 Utility of Salesmanship 1.6 Elements of Salesmanship 1.7 Salesmanship : Arts or Science 1.8 Salesmanship – a Profession 1.9 Qualities of Salesman	
		April 2022	Process of Selling 2.1 Psychology of Salesmanship – Attracting Attention, Awakening Interest, Creating Desire and Action 2.2 Stages in Process of Selling – (i) Pre-Sale Preparations (ii) Prospecting (iii) Pre-Approach (iv) Approach (v) Sales Presentation (vi) Handling of Objections (vii) Close (viii) After Sales Follow-up	
		May 2022	Rural Marketing 3.1 Rural Marketing 3.1.1 Introduction 3.1.2 Definition of Rural Marketing 3.1.3 Features of Rural Marketing 3.1.4 Importance of Rural Marketing 3.1.5 Present Scenario of Rural Market 3.1.6 Challenges and Opportunities in Rural Marketing	
		June 2022	Recent Trends in Marketing 4.1 Digital Marketing 4.2 Green Marketing 4.3 Niche Marketing 4.4 E-marketing 4.5 Social Media Marketing- Challenges and Opportunities	
		March 2022	Second Semester Examination	

A.C. Lokhande
Subject Teacher

V. R. Raut
Head

V. R. Raut
Vice-principal

[Signature]
Principal

Head
Loknete Vyankatrao Hiray
Arts, Science and Commerce College
Panchavati, Nashik-3.

Principal
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Mahatma Gandhi Vidyamandir's
Loknete Vyankatrao Hiray Arts, Science and Commerce College,
Panchavati, Nashik-3
MONTHLY TEACHING PLAN
ACADEMIC YEAR 2021-22

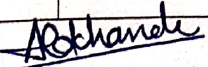
Department: Commerce

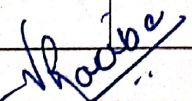
Class: F.Y.B.Com.

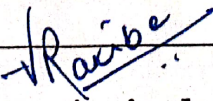
Name of the Faculty: Dr. A.C.Lokhande

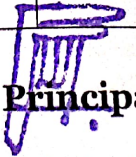
Semester/Term: Second

Sr. No.	Class/ Subject	Month	Topic	Remarks
1	Subject Name: - Business Ethics - II Course code:- 126 (D)	March 2022	Business Ethics Business ethics-Meaning, definitions, scope, objectives, need and Principles. Human values and moral -meaning, formation and importance. Professional Ethics-meaning and significance, management and ethics Gandhian approach in Ethics. Global Trends in Ethics. Corporate Social Responsibility CSR – concept, scope, forms of CSR, dimensions of CSR, legal and ethical foundation for CSR, steps to attain CSR, International Approach to CSR CSR Activities Social welfare, b. Healthcare, c. Education and d. Infrastructure	
		April 2022	Corporate Governance and Business ethics Corporate Governance- concept, objectives, features, core principles of good corporate governance, advantages, system of corporate governance and SEBI's guideline Whsle Blowing-Meaning causes and types. Current issues of Business ethics ina. Accounting, b. Social Media, c. IT, d. Marketing and Advertisement e. Harassments and discrimination at workplace	
		May 2022	Sustainable Development and Ethics Sustainable Development- concept, need principles and importance, Goals of sustainable development and challenges to achieve SD. Achievements of Sustainable Development in Indiaclean water, clean energy, no poverty, zero hunger, Good Health, quality education, climates action and Industry innovations infrastructure. Ethics and sustainable development,	
		June 2022	Second Semester Examination	


Subject Teacher


Head
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Vice-principal


Principal
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Mahatma Gandhi Vidyamandir's
Loknete Vyankatrao Hiray Arts, Science and Commerce College,
Panchavati, Nashik-3
MONTHLY TEACHING PLAN
ACADEMIC YEAR 2021-22

Department: Commerce

Class: S.Y.B.Com.

Name of the Faculty: Dr. A.C.Lokhande

Semester/Term: Fourth

Sr. No	Class/Subject	Month	Topic	Remarks
1	Subject: BUSINESS COMMUNICATION-II Course Code: 241	March 2022	Report Writing and Internal Correspondence Meaning and Significance; Structure of Reports; Negative, Persuasive and Special Reporting1. Informal Report – Proposals; 2. Formal Reports; 3. Project Report 4. Introduction and Essential elements of Report writing.(Reporting for a meeting) 5. Organization of Press Report. 6. Office Memo (Memorandums) 7. Office Orders 8. Office Circulars 9. Form Memos or Letters 10. Press Releases 11. Import Export Trade Correspondence	
		April 2022	Recent Trends in Business Communication Internet: Email, Websites, Social Media Network (Twitter, Face book, LinkedIn, You tube, WhatsApp) , Google Doc, Google Form, Google Sheet, Google Slide, Google Class Room, Online Conference, Video conferencing, Meeting through Zoom App, Google meet App ,Cisco Webex meetings App. Types and Drafting of Business Letters 1) Enquiry Letters 2) Replies to Enquiry Letters 3) Order Letters 4) Credit and Status Enquiries 5) Sales Letters 6) Complaint Letters 7) Collection Letters 8) Circular Letters	
		May 2022	Writing Formal Mails and Blog writing 4.1: Essential elements of mail, Format of mail. 4.2: Introduction and meaning of Blog, Writing a blog.	
		June 2022	Fourth Semester Examination	

A.C. Lokhande
Subject Teacher

Ravib
Head

Ravib
Vice-principal

[Signature]
Principal

Head
 Loknete Vyankatrao Hiray
 Arts, Science and Commerce College
 Panchavati, Nashik-3.

Principal
 Loknete Vyankatrao Hiray
 Art's, Science & Commerce College
 Panchavati, Nashik - 3.

Mahatma Gandhi Vidyamandir's
Loknete Vyankatrao Hiray Arts, Science and Commerce College,
Panchavati, Nashik-3
MONTHLY TEACHING PLAN
ACADEMIC YEAR 2021-22

Department: Commerce

Class: S.Y.B.Com.

Name of the Faculty: Dr. A.C.Lokhande

Semester/Term: Fourth

Sr. No.	Class/ Subject	Month	Topic	Remarks
1	Subject: BANKING & FINANCE -II Course Code: 246(B)	March 2022	1. Co-operative Banking in India: Meaning, significance and principles of Cooperation Group and Co-operative 1.2 Evolution of Cooperative Baking in India. Panel Banking Structure 1.3 Structure of Co-operative Banking in India Discussion, in India 1.4 Role of Co-operative Banking in Economic Development Library Work, 1.5 Challenges before Co-operative Baking	
		April 2022	2. Development Banking in India: Understanding the 2.1 Meaning and Features of Development Banking Group and Functions and 2.2 Functions of Development Banks in India Panel analyze the Role 2.3 Role of Development Banks in Economic Development Discussion, of Development 2.4 Challenges before the Development Banking in India 3. Selective Important Concepts of Banking 3.1 Central Banking , 3.2 Commercial Banking Group various concepts 3.3 Branch Banking , 3.4 Unit Banking, of Banking SPPU/SY B.Com/Semester -IV/ CBCS/ 2019 Pattern/REVISED SYALLABUS Page 24 3.5 Wholesale Banking, 3.6 Retail banking Library Work, 3.7 Social Banking , 3.8 Islamic Banking Projects 3.9 Merchant Banking, 3.10 Digital Banking	
		May 2022	4. Banking Sector Reforms 4.1 Historical approach, Meaning and Goals of Banking PPT, the Goals and Sector Reforms in India Group and Measures of 4.2 Banking Reform Measures Panel Banking Reforms i) Cash Reserve Ratio (C.R.R.) and Statutory Liquidity Discussion, in India Ratio (S.L.R.) Library Work, Analyze the role ii) Prudential Norms (NPA) Assignment, of various iii) Capital Adequacy Norms Projects committees on iv) Credit Deposit Ratio (C.D.Ratio) Banking Sector 4.3 Framework of Basel Committees on Banking Supervision Reforms i) Basel – I ii) Basel – II iii) Basel – III iv) Basel – IV 4.4 Recommendations of M. Narsimhan Committee – I (1991) 4.5 Recommendations of M. Narsimhan Committee- II (1998)	
		June 2022	Fourth Semester Examination	

A.C. Lokhande
Subject Teacher

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MONTHLY TEACHING PLAN
ACADEMIC YEAR 2021-22

Department: Commerce

Class: T.Y.B.Com.

Name of the Faculty: Dr. A.C.Lokhande

Semester/Term: Sixth

Sr. No	Class/Subject	Month	Topic	Remarks
1	Subject Name: Business Regulatory Framework Course code: - 361	March 2022	Negotiable Instruments Act, 1881 Concept of Negotiable Instruments: Characteristics, Meaning Important relevant definitions under the Act • Definitions, Essentials of promissory note, bill of exchange and cheque. Distinction between these instruments. Crossing of cheques – It's meaning and types. • Holder and holder in due course, Privileges of holder in due course. • Negotiation, endorsement, kinds of endorsement. • Liabilities of parties to negotiable instruments. • Dishonor of N. I., kinds, law relating to notice of dishonor.	
		April 2022	E-Contracts • Significance of E-Transactions /E-Commerce. Nature, Formation, Legality. Recognition. (Chapter 4. Sec.11-13 of IT Act, 2000 relating to attribution, acknowledgement, dispatch of E-Records) • Digital Signatures –Meaning & functions, Digital Signature, certificates [Sections 35-39] • Legal issues involved in E-Contracts and personal data protection (Sec.43 A) The Consumer Protection Act, 2019 • Salient features of the C.P. Act, 2019 • Definitions-Consumer, Complainant, Services, Defect & Deficiency, Complainant, unfair trade practice, restrictive trade practice, unfair contract. • Consumer Protection Councils.	
		May 2022	• Meaning & importance of IPRs, International efforts in protection of IPR: WIPO (Objectives & activities) & TRIPS Agreement: Objectives • Definition and conceptual understanding of following IPRs under the relevant Indian current statutes. • Patent: Definition & concept, Rights & obligation of Patentee, its term. • Copyright: Characteristics & subject matter of copyright, Author & his Rights, term. • Trademark: Characteristics, functions, illustrations, various marks, term, internet domain name- Rights of trademark holder. • Design: Importance, characteristics, Rights of design holder.	
		June 2022	Sixth Semester Examination	

Subject Teacher

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**Mahatma Gandhi Vidyamandir's
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Panchavati, Nashik-3**

**MONTHLY TEACHING PLAN
ACADEMIC YEAR 2021-22**

Department: Commerce

Name of the Faculty: Dr. A.C.Lokhande

Class: T.Y.B.Com.


Semester/Term: Sixth

Sr. No.	Class/Subject	Month	Topic	Remarks
1	Banking & Finance-Special Paper II) Semester -VI (Financial Markets and Institutions in India) – II Course code :365-B	March 2022	1 Primary & Secondary Market. Merchant Banking, IPO, FPO 2 .Selective Stock Exchanges .Concept of Stock market 2.1 BSE - Bombay Stock Exchange 2.2 NSE - National Stock Exchange 2.3 Broker &Sub. broker, Demat Account, broker account, IPO Price band, Stock Listing, IPO Stock allotment 2.5 Small Cap, Mid Cap & Large Cap Companies 2.6 .Selective Market Index. Sensex, Nifty, Bank Nifty, Nifty future & Option 2.7 Bear & Bull Market	
		April 2022	2.1. Cash Market, Future &Option Market 2.2 Types of Stock Trading A. Day Trading)Intra.day Trading (B. Delivery Trading C. Future & Option Trading 2.3 Types of Orders A. Buy B. Sell C. Stop loss . 2.4 Premium amount, Lot size 2.5. Lower & Upper Circuit. 2.6 Trade Settlement, Stock Oxen 2.7 Carrier opportunities in Stock Market Non -Banking Financial Institutions (NBFIs): 3.1 Meaning and definitions Of NBFIs 3.2 Distinction between Bank and NBFIs 3.3 Functions and workings of. i) Lease Financing ii) Mutual Fund iii) Housing Finance Companies iv) Life Insurance Company)LIC (v) General Insurance Company) GIC(3.4 carrier opportunities in Insurance Sector	
		May 2022	Regulatory Bodies 4.1 SEBI - Security Exchange Board of India 4.2 IRDA - Insurance Regulatory & Development Authority.	
		June 2022	Sixth Semester Examination	

A.C. Lokhande
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Principal
Principal
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Panchavati, Nashik-3
MONTHLY TEACHING PLAN
ACADEMIC YEAR 2021-22

Department: Commerce

Class: M.Com.

Name of the Faculty: Dr. A.C.Lokhande

Semester/Second

Sr. No	Class/Subject	Month	Topic	Remarks
1	Subject : - Business Ethics & Professional Values Course Code No: 213	March 2022	Business Ethics and Professional Values a. Business Ethics – Introduction, Meaning, Scope , Principles , importance , Code of Ethics and Theories b. Professional Values – Meaning , Significance , Scope and Human Values c. Ethical Decision Making – Meaning, determinants, process of ethical decision making	
		April 2022	Corporate Social Responsibility and Corporate Governance a. CSR – Introduction , advantages , scope for CSR in India , Legal provisions for CSR, Forms of CSR and Indian Corporations b. Corporate Governance – concept Objectives , features , advantages , code whistle blowing , types arguments and justification c. Value Based Management – meaning, benefits and methods =, Vedic Management for business ethics Indian Ethical Practices a. Indian Ethical Practices Finance b. Indian Ethical Practices Marketing c. Indian Ethical Practices Information Technology d. Ethics at work place e. Indian Ethical Practices HRM	
		May 2022	Emerging issues in Business Ethics and Environmental issues a. Ethics in Environment – environmental crisis, issues relating to environmental degradation , natural resources depletion and pollution b. Sustainable Development – Meaning, Principles. Goals of Sustainable Development, Strategy to achieve Sustainable development,	
		June 2022	Second Semester Examination	

A.C. Lokhande
Subject Teacher

Ravindra
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Panchavati, Nashik-3
MONTHLY TEACHING PLAN
ACADEMIC YEAR 2021-22

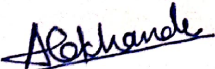
Department: Commerce

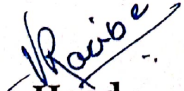
Class: M.Com.

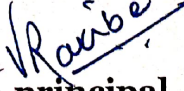
Name of the Faculty: Dr. A.C.Lokhande

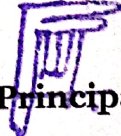
Semester/Term: Fourth

Sr. No.	Class/Subject	Month	Topic	Remarks
1	Subject: Recent Advances in Accounting, Taxation & Auditing. Course Code: 403	March 2022	Technology based Accounting Cloud Accounting Block Chain Accounting Role of Artificial Intelligence in Accounting Automated Accounting Process Role of Big Data in Accounting	
		April 2022	Tax Reforms in India Goods and Service Tax Reforms Corporate Tax Reforms Personal Tax Reforms Advanced Accounting for Corporates Human Resource Accounting Environmental Accounting IPR Accounting ESOP Accounting	
		May 2022	Emerging Trends in Accounting Inflation Accounting Creative Accounting Forensic Accounting Lean Accounting	
		June 2022	Fourth Semester Examination	


Subject Teacher


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Mahatma Gandhi Vidyamandir's

Yearly Teaching Plan 2021-2022

PG Department of Psychology & Research Centre

Name of Faculty : **Prof. Dr. M. A. Bhardwaj (HOD)**

From: 15th June, 2021 To 30th May, 2022

Granted

Sr. No.	Class	Paper	Topics
1	F.Y. BA G I Sem I Foundation of Psychology (4 Chapters)	June	15th June College Reopen Flag hoisting General Staff Meeting Online Exam Form Checking and Submission Guidelines – FY/SY/TYBA Online Lectures
		July	Online Revision Lectures Online Exam Form Checking and Submission Guidelines – FY/SY/TYBA Participation in Online Webinars organized by other institutes E content development Online Exam of FY/SY/TYBA Academic planning (pertaining to Covid 19 pandemic)
		August	Admission Process of classes FYBA, SYBA and TYBA Preparation of E- Content on prescribed syllabus Preparation of departmental time-table Motivate students to participate in various level webinars
		September	Offline lectures Introduction of the 1 st chapter – Introduction & Goals of Psychology Completion of the 1 st chapter and introducing 2 nd chapter Cognitive Process
		October	Offline lectures Introduction of the 3 rd chapter – Motivation & Emotion
		November	Diwali Vacations Offline Lecture Completion and revision of the chapter 3 rd chapter
		December	Offline Lecture Introduction & Completion of the 4 th chapter - Personality & Intelligence Revision of All Chapters. Internal Assessment Record Preparation.
2	T Y B A (S4) Sem VI Psychological Practical: Tests	June	15th June College Reopen –Flag hoisting General Staff Meeting Online Exam Form Checking and Submission Guidelines – FY/SY/TYBA Online Lectures
		July	Online Revision Lectures Online Exam Form Checking and Submission Guidelines – FY/SY/TYBA Participation in Online Webinars organized by other institutes E content development Online Exam of FY/SY/TYBA Academic planning (pertaining to Covid 19 pandemic)

3		August	Admission Process of classes FYBA, SYBA and TYBA Preparation of E- Content on prescribed syllabus Preparation of departmental time-table Motivate students to participate in various level webinars
		September	Offline lectures Introduction of Psychological tests Introduction of 1 st Psychological test - SPM (Intelligence Scale) Introduction of 2 nd Psychological test - Manual dexterity test Conduction of the above mentioned tests.
		October	Offline lectures Introduction of the 3 rd Psychological test - Eysenck Personality Questionnaire Introduction of the 4 th Psychological test - Introversion and Extroversion Personality Test) Conduction of the above mentioned tests.
		November	Diwali Vacation Offline Lectures Introduction of Mean, Median and Mode and practicing sums. Introduction of the 5 th Psychological test - Adjustment Test Introduction of the 6 th Psychological test - Introversion and Extroversion scale and Conduction of the above mentioned tests.
		December	Offline Lectures Introduction & Practicing mean, median and mode sums. Journal checking
	F.Y.B. Sc Sem I (P-III) Psychology Practical: Experiments	June	15th June College Reopen –Flag hoisting General Staff Meeting Online Exam Form Checking and Submission Guidelines – FY/SY/TYBSC Online Lectures
		July	Online Revision Lectures Online Exam Form Checking and Submission Guidelines – FY/SY/TYBSC Participation in Online Webinars organized by other institutes E content development Online Exam of FY/SY/TYBSC Academic planning (pertaining to Covid 19 pandemic)
		August	Admission Process of classes FYBA, SYBA and TYBA Preparation of E- Content on prescribed syllabus Preparation of departmental time-table Motivate students to participate in various level webinars
		September	Offline lectures Introduction of Psychological Practicals: Experiments Introduction to 1st experiment - Maze Learning Introduction to 2nd experiment - Recall and Recognition Conduction of the above mentioned Practicals.
		October	Offline lectures Introduction to 3rd experiment - Problem Solving Introduction to 4th experiment - Manual Dexterity Conduction of the above mentioned Practicals.
		November	Diwali Vacation Offline Lectures Introduction to 5th experiment - Short Term Memory (STM) Introduction to 6th experiment - Knowledge of Result (KOR) Conduction of the above mentioned Practicals. Journal Checking

		December	Offline Lectures Conduction of the above mentioned Practicals. Journal Checking
4	S .Y. B. Sc Sem III (P-III) PSYCHOLOGICAL PRACTICAL: TESTS AND GROUP TESTING	June	15th June College Reopen –Flag hoisting General Staff Meeting Online Exam Form Checking and Submission Guidelines – FY/SY/TYBSC Online Lectures
		July	Online Revision Lectures Online Exam Form Checking and Submission Guidelines – FY/SY/TYBSC Participation in Online Webinars organised by other institutes E content development Online Exam of FY/SY/TYBSC Academic planning (pertaining to Covid 19 pandemic)
		August	Admission Process of classes FYBA, SYBA and TYBA Preparation of E- Content on prescribed syllabus Preparation of departmental time-table Motivate students to participate in various level webinars
		September	Offline lectures Introduction of Psychological Practicals : Experiments Introduction to 1st TEST - Adjustment test Introduction to 2nd TEST - Family Environment Scale Conduction of the above mentioned practicals.
		October	Offline lectures Introduction to 3rd TEST - Attitude Scale Introduction to 4th TEST - Job Satisfaction Scale Conduction of the above mentioned practicals.
		November	Diwali Vacation Offline Lectures Introduction to 5th TEST - Frustration Test Introduction to 4th TEST - Quality of Life Conduction of the above mentioned practicals. Journal Checking
		December	Offline Lectures Conduction of the above mentioned Practicals. Journal Checking
5	F.Y. BA G I Semester II : Social Psychology (4 Chapters)	January	Online Mid Sem internal exam of 20 marks and assignment submission Introduction of the 2 nd Semester syllabus Introduction & Completion of the 1st chapter – Introduction
		February	Offline lectures Introduction & Completion of the 2nd Chapter - Individual Level Processes
		March	Offline lectures Introduction & Completion of the 3rd Chapter - Interpersonal processes
		April	Online Lecture Introduction & Completion of the Chapter - 4th Group Dynamics
		May	Offline Mid Sem internal exam of 20 marks and assignment submission
		June	Offline Semester End University examination

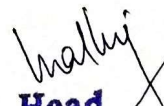
6	TYBA (S4) Sem VI Psychological Practical: Experiments	January	Offline lectures University level final Practical Semester Examination Introduction of Psychological Experiments Introduction of 1 st Experiment – Method of Constant Stimuli Conduction the above mentioned Practicals.
		February	Offline lectures Introduction of 2 nd Experiment – Stroop Effect Introduction of 3 rd Experiment – Reaction Time Conduction the above mentioned Practicals Revision of Statistics and Introducing new Statistical concept - SD & QD
		March	Offline lectures Introduction of 4 th Experiment – Problem Solving Introduction of 5 th Experiment – Habit Interference Conduction of the above mentioned Practicals Introduction of the new statistical concept - Rank order Correlation & Pearson Product movement Correlation
		April	Offline Lecture Introduction of 6 th Experiment - Recall & Recognition Conduction of the above mentioned Practicals Revision of all Practicals.
		May	Journal Checking University level Practical Semester Examination
7	F. Y. B. Sc Sem II (P-III) Psychology Practical: Tests	January	Offline lectures Introduction Of Psychological Practicals : Experiments Introduction to 1 st test - Standard Progressive Matrices (SPM) Conduction of the above mentioned Practicals.
		February	Introduction to 2 nd test - Wechsler Adult Intelligence Scale Introduction to 3 rd test - Sixteen Personality Factor (16PF) Conduction of the above mentioned Practicals.
		March	Offline lectures Introduction to 4 th test - Interest Inventory Introduction to 5 th test - Sentence Completion Test (SCT). Conduction of the above mentioned Practicals.
		April	Introduction to 6 th test - Adjustment Inventory Conduction of the above mentioned Practicals.
		May	Journal Checking
		June	University level Practical Semester Examination
8	S. Y. B. Sc Sem II (P-III) PSYCHOLOGICAL PRACTICAL: TESTS AND GROUP TESTING	January	Offline lectures Introduction of Psychological Practicals : Test Introduction to 1 st test - Mental Health Conduction of the above mentioned Practicals.
		February	Introduction to 2 nd test - Life Satisfaction Introduction to 3 rd test - Adjustment Conduction of the above mentioned Practicals.
		March	Offline lectures Introduction to 4 th test - Non substance Addiction Introduction to 5 th test - Emotional Intelligence Conduction of the above mentioned Practicals.
		April	Offline lectures Introduction to 6 th test - Work Motivation Conduction of the above mentioned Practicals.
		May	Journal Checking
		June	University level Practical Semester Examination

Mahatma Gandhi Vidyamandir's
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Yearly Teaching Plan 2021-2022
PG Department of Psychology & Research Centre
Name of Faculty: **Prof. Dr. M. A. Bhardwaj**
From: 15th June, 2021 To 30th May, 2022

Non Grant			
Sr. No.	Class	Paper	Topics
1	T.Y. B. Sc (Sem – IV) Project	June	15th June College Reopen –Flag hoisting General Staff Meeting Online Exam Form Checking and Submission Guidelines –FY/SY/TYBSC Online Lectures
		July	Online Revision Lectures Online Exam Form Checking and Submission Guidelines –FY/SY/TYBSC Participation in Online Webinars organized by other institutes E content development Online Exam of FY/SY/TYBSC Academic planning (pertaining to Covid 19 pandemic)
		August	Admission Process of classes FYBSC, SYBSC and TYBSC Preparation of E- Content on prescribed syllabus Preparation of departmental time-table Motivate students to participate in various level webinars
		September	Offline lectures Introduction of research methods. Introducing the steps in research & topic finalization process
		October	Offline lectures Introduction of the 2 nd and 3 rd chapter
		November	Diwali Vacation Offline Lectures Checking of first two chapters Introduction of 3 rd chapter – Research Methodology
		December	Offline Lectures Checking of first three chapters Analysis of 4 th Chapter Analysis of 4 th (result) chapter and certifying the project
2	M.A. I P I (Sem I) Cognitive Psychology (4 Chapters)	June	15th June College Reopen –Flag hoisting General Staff Meeting Online Lectures
		July	Online Revision Lectures Online Exam Form Checking and Submission Guidelines Online Exam of FY/SY/TYBA Participation in Online Webinars organized by other institutes E content development Academic planning (pertaining to Covid 19 pandemic)
		August	Admission Process of classes PG Classes Preparation of E- Content on prescribed syllabus Preparation of departmental time-table Motivate students to participate in various level webinars
		September	Offline lectures Introduction of the 1 st chapter – Nature and Importance of Cognitive Psychology Completion of the 1 st chapter and introducing 2 nd chapter – Sensation, Attention And Perception

			Submission of 1 st Assignment Conducting 1 st written test
		October	Offline lectures Introduction of the 3rd chapter – Language and Related Cognitive Phenomena Introduction of the 4 th chapter - Problem Solving, Creativity and Decision Making Submission of 2 nd Assignment and conduction of Presentation
		November	Diwali Vacations Completion of the 4 th chapter Conduction of the 2 nd written test Internal Assessment record
		December	Offline Lecture Revision of all 4 chapters.
3	MA II (Sem – III) Project	June	15th June College Reopen –Flag hoisting General Staff Meeting Online Exam Form Checking and Submission Guidelines –FY/SY/TYBSC Submission of Dead Stock Submission of Annual Report Online Lectures
		July	Online Revision Lectures Online Exam Form Checking and Submission Guidelines –FY/SY/TYBA Participation in Online Webinars organized by other institutes E content development Online Exam of FY/SY/TYBA Academic planning (pertaining to Covid 19 pandemic)
		August	Admission Process of classes FYBA, SYBA and TYBA Preparation of E- Content on prescribed syllabus Preparation of departmental time-table Motivate students to participate in various level webinars
		September	Offline lectures Introduction of research methods. Introducing the steps in research & topic finalization process
		October	Offline lectures Introduction of the 2 nd and 3 rd chapter
		November	Diwali Vacation Offline Lectures Checking of first two chapters Introduction of 3 rd chapter – Research Methodology
		December	Offline Lectures Checking of first three chapters Analysis of 4 th Chapter Analysis of 4 th (result) chapter and certifying the project
		January	Offline lectures University level final Semester Examination Introduction of case studies and case study format Introduction of different disorders and diagnostic criteria
4	T.Y. B. Sc Case Study (Sem – IV)	February	Offline lectures Introducing the steps in diagnosis and also give a introduction on how to analyze the patient and how to communicate with them.
		March	Offline lectures Checking of case histories and practicum reports Submission of 2 nd test.
		April	Offline Lecture Final Certification of Practicum report

5	M.A. I (Sem II) P I Cognitive Psychology (4 Chapters)		Conduction of the final presentation. Conduction of final practical exam after the written exam
		May	University level final Semester Examination
		January	Offline lectures University level final Semester Examination Introduction of case studies and case study format Introduction of different disorders and diagnostic criteria
		February	Offline lectures Introducing the steps in diagnosis and also give a introduction on how to analyze the patient and how to communicate with them.
		January	Introduction of the 2nd Semester syllabus Introduction of the 1 st chapter – Advance in Cognitive Psychology- I Completion of the 1 st chapter and introducing 2nd chapter – Advances in Cognitive Psychology-II
6	MA II (Sem – IV) Case Study	February	Offline lectures Submission of 1 st Assignment Conducting 1 st written test Introduction of the 3 rd chapter – Applications of Cognitive Psychology-I
		March	Offline lectures Completion of 3 rd chapter Introduction of the 4 th chapter - Applications of Cognitive Psychology- II Submission of 2 nd Assignment and conduction of Presentation
		April	Offline Lecture Completion of the 4 th chapter Conduction of the 2 nd written test Internal Assessment record
		May	Revision of all 4 chapters.
		January	Offline lectures University level final Semester Examination Introduction of case studies and case study format Introduction of different disorders and diagnostic criteria
6	MA II (Sem – IV) Case Study	February	Offline lectures Introducing the steps in diagnosis and also give a introduction on how to analyze the patient and how to communicate with them.
		March	Offline lectures Checking of case histories and practicum reports Submission of 2 nd test.
		April	Offline Lecture Final Certification of Practicum report Conduction of the final presentation. Conduction of final practical exam after the written exam
		May	University level final Semester Examination


Head
 Department Of Psychology
 Graduate & Post Graduate Centre
 L. V. H. Mahavidyalaya
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M. G. Vidyamandir's
Loknete Vyankatrao Hiray Arts, Science and Commerce College,
Panchavati, Nashik - 422 003
TEACHING PLAN
Academic Year: 2020-2021

Name of the Teacher: Dr. Pragati B. Marakwar

Department: History Term: II

Class: S.Y.B.A

Pattern: Semester IV

Paper: (G-2) HOC

Sub: Cultural History of Maharashtra and Heritage (Maratha Period)

Sr. No.	Month	Topics (sub-topics)	Remark
01	January	Unit: 1. Maharashtra in Maratha period 1) The rise of Marathi Language and Development. 2) Consequence of rise of Maratha power 3) Concept of Maharashtra Dharma	
02	February	Unit: 2 Social Life of Maratha Period 1) Key Concepts: Swaraj. Vatan. Saranjam, Chauthai. Sardeshmukhi 2) Social Life of Chatrapati Shivaji Maharaj Period 3) Social Life of Peshva Period.	
03	March	Unit: 3 Economic life in Maharashtra 1) Vatandar. Upr. Artisan System. 2) Position of Women. 3) Trade and Commerce (Internal & External)	
04	April	Unit: 4. Art-Architecture, Fair & Festivals. 1) Art-Architecture, Fair & Festivals. by Art-Sculpture and Paintings, Architecture - Temples, forts. Gadhies 2) Folk Literature - Shahit. Powada, etc 3) Fair and Festivals	
		Examination	


Subject Teacher


Head
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Principal
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TEACHING PLAN
Academic Year: 2020-2021

Name of the Teacher: Dr Pragati B. Marakwar
Department: History Term: I
Class: T.Y.B.A

Pattern: Semester V
Paper: (S-3)

Introduction to Historiography

Sr. No.	Month	Topics (sub-topics)	Remark
01	July	Admission Process	
02	August	Preparation of Annual plan of the department Preparation of Teaching plan	
03	September	Preparation of UG and PG Time Table Naac related work and organized Webinar	
04	October	Unit -I: Meaning and Scope of History a) Definition, Nature & Scope of History b) History and Social sciences (Political science, Geography, Economics, Sociology) Unit -II: Sources of Historical Research a) Primary, Secondary and Oral sources. b) Written, Unwritten.	
05	November	c) Importance of Sources Unit -III: Preliminary Operations a) Problem Formulation b) Objectives c) Hypotheses, Research Methods	
06	December	Unit -IV: Synthetic Operations a) External Criticism b) Internal Criticism c) Interpretation, Foot Note d) Organizing Research Work, Statistical Data, Outcomes and Bibliography.	
		Examination	


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TEACHING PLAN
Academic Year: 2020-2021

Name of the Teacher: Mr. G.S Shewale

Department: History Term: I

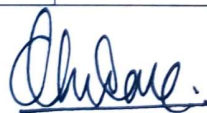
Class: F.Y.B.A.


Pattern: Semester I


Paper: (G-1)

Sub: History of Civilization: Indian Civilization and Heritage (Part -1)

Sr. No.	Month	Topics (sub-topics)	Remark
01	July	Admission Process	
02	August	Preparation of Annual plan of the department Preparation of Teaching plan	
03	September	Preparation of UG and PG Time Table Naac related work and organized Webinar	
04	October	1. Introduction to Indian Civilization a. Concept and Civilization b. Scope of Indian Civilization c. Geographical identity of India 2. Sources of the Indian Civilization a. Archaeological b. Numismatic c. Literary	
05	November	3. Pre- History of Civilization a. Pre-historic period: Palaeolithic, Mesolithic and Neolithic Cultures. b. Pro-historic period c. Historic period: Vedic, Later Vedic and Mahajanpadas	
06	December	4. Indian Historical Heritage a. Introduction to Indian Heritage b. Methods of Conservation of Historical Heritage c. Importance of Heritage	
		Examination	


Subject Teacher


Head
 Department of History
 Loknete Vyankatrao Hiray
 Arts, Science & Commerce College
 Panchavati, Nashik - 422003.


Principal
 Loknete Vyankatrao Hiray
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M. G. Vidyamandir's
Loknete Vyankatrao Hiray Arts, Science and Commerce College,
Panchavati, Nashik - 422 003
TEACHING PLAN
Academic Year: 2020-2021

Name of the Teacher: Mr. G.S Shewale

Department: History Term: II

Class: F.Y.B.A.

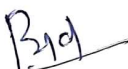
Pattern: Semester II

Paper: (G-1)

Sub: History of Civilization: Indian Civilization and Heritage (Part -II)

Sr. No.	Month	Topics (sub-topics)	Remark
01	January	Unit I: Script, Language & literature in Indian Civilization ((a) Definition of Script - Sanskrit, Brahmi, (b) Bhakti Movement and development of Indian Languages (c) Post development of Indian Languages- Urdu, Hindi, and English	
02	February	Unit II: Arts in India Civilization (brief outline) (a) Relevance of art in Indian civilization (b) School of Arts- Gandhar, Mathura and Amravati (c) Painters- Raja Ravi Varma, Amrita Shergill, Satish Grover,	
03	March	Unit III: Architecture in India Civilization (brief outline) (12) (a) Ancient period: (b) Medieval Period: (12) (c) Modern and post modern period:	
04	April	Unit IV: Performing Art (brief outline) (a) Music: (b) Dance (c) Drama	
		Examination	


Subject Teacher


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Panchavati, Nashik - 422 003

TEACHING PLAN
Academic Year: 2020-2021

Name of the Teacher: Mr. G.S Shewale

Department: History Term: II

Class: T.Y.B.A.

Pattern: Annual/Semester

Paper: (G-3)

Sub: History of the world in 20th Century (1914-1992)

Sr. No.	Month	Topics (sub-topics)	Remark
01	January	6. World War II 6.1 Causes 6.2 Emergence and Scope 6.3 Consequences 6.4 United Nations	
02	February	7. Rise of World Powers 7.1 America 7.2 Russia 7.3 Star War	
03	March	8. Third World 8.1 Roll of India in Non- Alignment Movement 8.2 SAARC 8.3 OPEC	
04	April	9. Towards Globalization 9.1 End of Cold War and Disintegration of USSR 9.2 Liberalization 9.3 GATT and WTO 9.4 Fundamentalism- As a World Problem(Terrorism)	
		Examination Process	


Subject Teacher


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TEACHING PLAN

Academic Year: 2020-2021

Name of the Teacher: Mr. G.S Shewale

Department: History Term: I

Class: M.A


Pattern: Semester I


Paper: CO 02

Sub: CC- 02: Ideas & Institutions in Early India

Sr. No.	Month	Topics (sub-topics)	Remark
01	July	Admission Process	
02	August	Preparation of Annual plan of the department Preparation of Teaching plan	
03	September	Preparation of UG and PG Time Table Naac related work and organized Webinar	
04	October	1. Defining Early India a. Historiography (colonial & nationalist) b. Terminology (Hindu, Ancient, Early) 2. Sources : Perceptions, Limitations, Range a. Literary Sources : Sanskrit, Prakrit, Pali, Religions, Non-Religions; Tamil b. Inscriptions c. Foreign Accounts: Chines, Roman	
05	November	3. Political Ideas & Institutions in north & south India a. Lineage polities b. Pre- State formations in north & south India c. Early State formations: Mahajapadas, Maurya, Deccan & south India d. Administrative institution: Kingship, Administrative structur	
06	December	4. Social ideas & institutions a. Kin and lineage society b. The Emergence of caste based societies, Marginalization's and subordinations c. social protest and the Emergence of new social& religious forms d. social system in the far south 5. Economy a. Pre-historic and Chalcolithic developments b. Developments of Agriculture and Trade c. Expanding Trade Economy guilds, craft, coinage d. Urbanizations	
		Examination	


Subject Teacher


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Arts, Science & Commerce College, Panchavati, Nashik-3
TEACHING PLAN
Academic Year: 2020-21

Name of the Teacher: Mrs. Kirti Varma

Department: History

Class: (UG) SYBA

Paper (G2)

History of the Marathas: (1707-1818)

Semester: IV

Sr. No.	Month	Topic/Sub Topic	Remarks
1	December	Unit-I: Consolidation and Expansion of the Maratha Power a. Conflict between Maharani Tarabai and Chhatrapati Shahu Maharaj b. Rise of the Peshwas: Balaji Vishwanath-Chauthai and Sardeshmukhi c. Peshwa Bajirao I: South and North Expedition	
2	January	Unit-II: Strengthening of the Maratha Power a. Peshwa Balaji Bajirao (Nanasaheb) b. Third Battle of Panipat: Causes and Consequences c. Causes of the defeat of the Marathas	
3	February	Unit -III: Post Panipat Revival and Downfall a. Peshwa Madhavrao I b. Barbhai Council: Role of Mahadji Shinde and Nana Phadanvis c. Downfall of Maratha Power	
4	March	Unit -IV Administration and Society during Peshwa Period a. Maratha Confederacy b. Economic Condition c. Society: Caste System and Position of Women	
5	April		
6	May	Summer Vacation	
7	June	Examination	

Kirti Varma
 Subject Teacher

R. D.
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TEACHING PLAN
Academic Year: 2020-2021

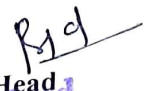
Name of the Teacher: Mrs Kirti Varma
Department: History Term: I
Class: S.Y.B.A.

Pattern: Semester IV
Paper: Skill Enhancement Courses

Travel Agency and Tour Business

Sr. No.	Month	Topics (sub-topics)	Remark
01	January	Unit I. Concept of Travel Agency a) Definition of travel agency b) Main function of travel agency c) Organizational Structure of a travel agency	
02	February	Unit II. Role of Travel Agent a) Types of Travel Agents b) Responsibilities of Travel Agent c) Procedure for Travel Agent and Tour Operators in India d) Online Travel Agency	
03	March	Unit III Role of Travel Agency a) Role of Indian Airlines, Indian Railway b) Role of different Tour Companies c) Tour Packages and Accommodation	
04	April	Unit IV. Field Visit and Report Writing	
		Examination	


Subject Teacher


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TEACHING PLAN

Academic Year: 2020-2021

Name of the Teacher: Dr. Pragati.B.Marakwar

Department: History

Class: SYBA S1

Paper: Medieval India - Sultanate Period

Sem: III

Sr. No.	Month	Topics (sub-topics)	Remark
01	July	Admission Process	
02	August	Preparation of Annual plan of the department Preparation of Teaching plan	
03	September	Preparation of UG and PG Time Table Naac related work and organized Webinar	
04	October	Unit I: Foundation of the Delhi Sultanate a) Sources of Historiography of Sultanate Period b) Invasions of Muhammad Ghori c) Foundation of Delhi Sultanate: Qutbuddin Aibak Unit II: The early Sultans of Delhi and their contributions a) Iltutmish b) Raziyya	
05	November	a) Balban Unit III: Expansion of Sultanate a) Alauddin Khalji: Expansion and Administrative Reforms Experiments of Muhammad-Bin-Tughlaq, Firuz Tughlaq: Administrative Reforms.	
06	December	a) The Saiyyids, the Lodis and the decline of the sultanate. Unit IV: Kingdoms of Vijayanagar and Bahamani a) Rise of Vijayanagar Empire: Harihar, Bukka, Krishnadevray b) The Emergence and expansion of the Bahamani Kingdom: Contribution of Muhammad Gawan c) Disintegration of Bahamani Kingdom	


Subject Teacher


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TEACHING PLAN
Academic Year: 2020-2021

Name of the Teacher: Dr. Pragati B. Marakwar
 Department: History
 Class: SYBA S1
 Paper: Medieval India: Mughal Period

Sem: IV

Sr. No.	Month	Topics (sub-topics)	Remark
01	January	Unit I: Foundation of Mughal Empire a) Sources of Historiography of Mughal Period b) Babur: The Foundation of Mughals Empire c) Humayun Struggle with Sher Shah Suri. Sher Shah: administrative reforms Unit II: The Consolidation of the Mughal Empire a) Akbar: Extent of the Mughal Empire, Mansabdari System, Religious Policy	
05	November	b) Expansion: Deccan Policy of Jahangir and Shah Jahan c) The reign of Aurangzeb: Rajput Policy, Ahom conflicts, Sikh Policy, Deccan expeditions Unit III: Administrative systems a) Central and Provincial Administration	
06	December	b) Revenue System c) Judicial System, Military administration Unit IV: Economy, Society and Culture a) Economy: Agriculture, trade and industry b) Society: Caste system, position of women, Bhakti and Sufi movement. c) Culture: Science and Technology.	


 Subject Teacher


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TEACHING PLAN
Academic Year: 2020-2021

Name of the Teacher: Dr. Pragati B. Marakwar

Department: History Term: I

Class: S.Y.B.A


Pattern: Semester III

Paper: (G-2) HOC

Sub Title: Cultural History of Maharashtra and Heritage (Upto 13 th Centaury)

Sr.No.	Month	Topics (sub-topics)	Remark
01	July	Admission Process	
02	August	Preparation of Annual plan of the department Preparation of Teaching plan	
03	September	Preparation of UG and PG Time Table Naac related work and organized Webinar	
04	October	1. Introduction to Indian Culture 1.1 Physical and Geographical Features of India 1.2 Defining the term culture 1.3 Features of Indian Culture	
05	November	2. Ancient Indian Culture 2.1 Sources: Archeological, Inscriptional, Literary 2.2 Palaeolithic and Neolithic Culture 2.3 Harappan Culture 2.4 Late Harappan Culture 2.5 Dravidian Culture 3. Main Religions : Philosophy and Teaching 3.1 Hinduism 3.2 Jainism 3.3 Buddhism 3.4 Sikhism	
06	December	4. Indian Culture 400 BC to 600AD 4.1 Cultural Contribution of Ashokan Age 4.2 Cultural Contribution under the Gupta Age 5. Ancient Indian Science 5.1 Mathematics 5.2 Astronomy 5.3 Medicine	
		Examination	


Subject Teacher


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Department of Political Science
TEACHING PLAN (2020-21)

CLASS - FYBA

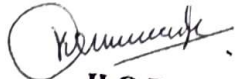
SUBJECT- **INTRODUCTION TO INDIAN CONSTITUTION** (CC-1A : Sub Code-11161) SEM-I

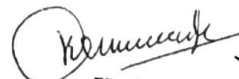
NAME OF THE TEACHER :- **PROF.K.N.WAGH**

Sr. No.	Month	Topic	Topics & Subtopics	No. of Periods
1	July.	Unit I: Making of the Indian Constitution	a) Historical Background b) Constituent Assembly c) Preamble d) Salient Features	12
2	Aug.	Unit II: Fundamental Rights, Duties and Directive Principles	a) Fundamental Rights b) Fundamental Duties c) Directive Principles of State Policy	12
3	Sept.	Unit III: Federalism	a) Salient Features of Indian Federalism b) Centre –State Relations c) Issues of Conflict (Water and Border Issues)	12
4	Oct.	Unit IV: Constitutional Amendments: Scope and Limitations	a) Constitutional Provisions b) Major Constitutional Amendments (42, 44 & 86) c) Basic Structure of the Indian Constitution	12

Subject Teacher

H.O.D.


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PANCHAVATI, NASHIK-03

Department of Political Science
TEACHING PLAN (2020-21)

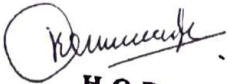
CLASS - SYBA

SUBJECT- INTRODUCTION TO POLITICAL IDEOLOGIES (CC-1C : Sub. Code-23164)SEM-III


NAME OF THE TEACHER :- PROF K.N.WAGH

Sr. No.	Month	Topic	Topics & Subtopics	No. of Periods
1	July	Unit I: Ideology	a) Origin, Meaning, Definition of Ideology b) Nature of Ideology c) Scope of Ideology	12
2	Aug	Unit II: Nationalism	a) Meaning, Definitions and Elements of Nationalism b) Progressive and Reactionary Nationalism c) Internationalism	12
3	Sept	Unit III: Democratic Socialism	a) Meaning and Nature Of Democratic Socialism b) Features Of Democratic Socialism c) Achievements and Limitations Of Democratic Socialism	12
4	Oct	Unit IV: Fascism	a) Principles Of Fascism b) Factors responsible for the rise of Fascism c) Evaluation Of Fascism	12

Subject Teacher


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TEACHING PLAN (2020-21)

CLASS - SYBA

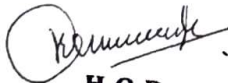
SUBJECT- **INTRODUCTION TO POLITICAL IDEOLOGIES** (CC-1C : Sub. Code-24164)SEM-IV

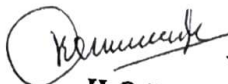
NAME OF THE TEACHER :- **PROF K.N.WAGH**

Sr. No.	Month	Topic	Topics & Subtopics	No. of Periods
1	Dec	Unit 1: Marxism	a) Historical Materialism b) Marxian State c) Neo Marxism	12
2	Jan	Unit II: Phule- Ambekarism	a) Equality b) Cast & Religion c) Democracy	12
3	Feb	Unit III: Gandhism	a) Truth and Non-Violence b) Theory of Gram Swaraj c) Satyagraha	12
4	Mar	Unit IV: Feminism	a) Meaning and Nature Of Feminism b) Liberal Feminism c) Feminism in India : Caste and Patriarchy	12

Subject Teacher

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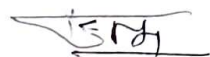
Department of Political Science
TEACHING PLAN (2020-21)

CLASS - SYBA

SUBJECT- **WESTERN POLITICAL THOUGHTS** (DSE-1A : Sub.Code-23161) SEM-III

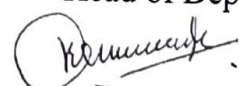
NAME OF THE TEACHER :- **PROF.K.D.NIKAM**

Sr. No.	Month	Topic	Topics & Subtopics	No. of Periods
1	July.	Unit : I Plato	a) Ideal State b) View on Education c) Theory of Justice	12
2	Aug.	Unit: II Aristotle	a) Classification of the State b) Views on Slavery c) Theory of Revolution	12
3	Sept.	Unit: III Machiavelli	a) Human Nature b) Attitude towards Religion and Morality c) Views on State	12
4	Oct.	Unit: IV Locke	a) State of Nature b) Natural Rights c) Theory of Social Contract	12



Subject Teacher

Head of Department


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TEACHING PLAN (2020-21)

CLASS - SYBA

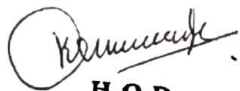
SUBJECT- **WESTERN POLITICAL THOUGHTS** (DSE-1B : Sub.Code-24161) SEM-IV

NAME OF THE TEACHER :- **PROF.K.D.NIKAM**

Sr. No.	Month	Topic	Topics & Subtopics	No. of Periods
1	Dec.	Unit I ; Rousseau	a) State of Nature b) General Will c) Theory of Social Contract	12
2	Jan.	Unit II: Hegel	a) Idealism b) Theory of State c) Views on Freedom	12
3	Feb .	Unit III: J. S. Mill	a) Views on Liberty b) Representative Government c) Views on Utilitarianism	12
4	Mar.	Unit VI: Karl Marx	a) Historical Materialism b) Class Struggle c) Theory of State and Revolution	12


Subject Teacher

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**MONTHLY TEACHING PLAN
Academic Year 2020-21**

Department: English

Class: SYBA

Name of the Faculty: Sarala K.Sanap

Semester/Term: First

Sr. No.	Class/Subject	Month	Topic	Remarks
1	SYBA Advanced Study of English Language Code -23333	September	counseling	Admission Process
		October 2021	1. Introduction to the Syllabus 2. Organs of Speech, Speech Mechanism 3. Description and Classification of Speech Sounds 4. Concept of Syllable 5. Word and Sentence Accent	
		November 2021	1. Diwali vacations 2. Intonation, Tone groups, Types of Tones 3. Morphology 4. Morphemes, Allomorph, Zero Allomorph, Types of Morphemes	
		December 2021	1. Prefixes and Suffixes 2. Inflectional and Derivational Suffixes, Borrowings 3. National Varieties of English-British, American and Indian 4. Regional and social Dialects, Formal and Informal Styles 5. Concept of standard Dialect, Pidgins and Creoles	
		January 2021	1. Code-switching and Code-mixing	
			Third Semester Examination	


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MONTHLY TEACHING PLAN
Academic Year 2020-21

Department: English

Class: SYBA

Name of the Faculty: Sarala K.Sanap

Semester/Term: Third

Sr. No.	Class/Subject	Month	Topic	Remarks
1	SYBA Appreciating Poetry 23332	September	counseling	Admission Process
		October 2021	1.Introduction to the syllabus, Evaluation pattern 2.Poetry Definitions and Significant Developments 3.Elements of poetry 4. Figures of Speech	
		November 2021	1.Diwali vacations 2.Types of Poetry 3.The Nightingale-Sidney	
		December 2021	1.Sonnet 3- Shakespeare 2.The Sun Rising –Donne 3.London- Blake	
		January 2021	1.Ode on a Grecian Urn 2.To a Skylark- Shelley	
		January 2021	Third Semester Examination	


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MONTHLY TEACHING PLAN

Academic Year 2020-21

Department: English

Class: FY BCom

Name of the Faculty: Sarala K.Sanap

Semester: First

Sr. No.	Class/ Subject	Month	Topic	Remarks
1	FYBCom Compulsory English Code-111	September	counseling	Admission Process
		October 2021	1.Introduction to the Syllabus 2.The Beggar – Anton Chekhov 3.Black Money and the Black Economy-Reddy 4.The Nightingale and the Rose – Oscar Wilde	
		November 2021	1.Diwali vacations 2.Muhammad Yunus:An Economics for Peace- Farida Khan	
		December 2021	1. Uphill - Rosetti 2. Stay Calm – Kleiser	
		January 2021	1. Meeting and Greeting people 2. Dialogue Writing 3. Group Discussions, Interview Skills 4. Presentation Skills	
			Third Semester Examination	


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MONTHLY TEACHING PLAN
Academic Year 2020-21

Department: English

Class: MA Part I

Name of the Faculty: Sarala K.Sanap

Semester: First

Sr. No.	Class/Subject	Month	Topic	Remarks
1	MA part I Contemporary Studies in English Language	September	counseling	Admission Process
		October 2021	1.Introduction to the Syllabus 2.Linguistics Definition, Branches of Linguistics, Short History of linguistics 3. Ferdinand de Saussure-Structuralist View of Grammar 4. Synchronic and Diachronic Studies 5. Language and Parole 6.Syntactic and Paradigmatic Relations	
		November 2021	1. Diwali vacations 2. IC Analysis , Chomsky's Theory of Transformational Generative Grammar 3. Language acquisition: The Cognitive approach 4. Competence and Performance 5. The Concepts of Kernel and Non- Kernel Sentences (i.e. Deep and Surface Structure] 6. Dell Hymes' Concept of Communicative Competence	
		December 2021	1. The Phonemes of English: Description and Classification 2. The Syllable: Structure and Types, Syllabic Consonants 3. Word Stress: Degrees of Stress, Stress Shift, Grammatical Stress 4. Sentence Stress: Use of Weak and Strong Forms, Tone Groups, The Concept of Nucleus (types of nucleus: end-placed and contrastive), Tonic Accent, Pre-tonic Accent, Post-tonic Accent v) Intonation Patterns/Uses of Tones	
		January 2021	1 . Structure of words: The concepts of Morpheme and Allomorph 3. Types of Morpheme (free, bound, prefixes, suffixes: class changing, class-maintaining, inflectional, derivational), General Principles of Lexicography. 4. Some word formation processes: Reduplication, Clipping, Blending iv) Morphophonemic Changes, Phonological and Morphological Conditioning v) Problems of Morphological Analysis 5. Sentences and their Parts b) Words	
			First Semester Examination	


Head Dept. of English
Head
Department of English
Loknete Vyankatrao Hiray
College, Nashik

TEACHING PLAN
Academic Year: 2019-2020

Name of the Teacher : Dr . Pragati B. Marakwar

Department: History Term: I

Pattern: Semester I / Annual

Class: UG

Paper: F.Y.B.A. (G-1)

EARLY INDIA : FROM PREHISTORY TO THE AGE OF THE MAURYAS

Sr. No.	Month	Topics (sub-topics)	Remark
01	July	1. Early India : Sources and Prehistory a. Importance of Early History b. Sources and Tools of historical reconstruction c. Palaeolithic, Mesolithic and Chalcolithic cultures.	
02	August	2. Harappan Culture: Bronze Age Civilization a. Geographical Extent, Town Planning, Trade, Religious Practices b. Art, Crafts and Technology	
03	September	3. Vedic Culture, Religious Protest : Jainism and Buddhism a. Vedic and Later Vedic Culture b. Jainism and Buddhism	
04	October	4. Emergence of the Mahajanpadas and the Age of the Mauryas a. The Mahajanpadas, Rise and Growth of the Magadhan Empire b. The Age of the Mauryas c. The Mauryan Administration ,Economy, Decline and Significance.	


Subject Teacher


Head

Department of History
Loknete Vyankatrao Hiray
Arts, Science & Commerce College
Panchavati, Nashik - 422003.


Principal

Principal
Loknete Vyankatrao Hiray
Arts, Science & Commerce College
Panchavati, Nashik - 3.

TEACHING PLAN
Academic Year: 2019-2020

Name of the Teacher: Dr Pragati B. Marakwar

Department: History Term: I

Pattern: Semester / Annual

Class: UG

Paper: S.Y.B.A. (G-2) HISTORY OF CIVILIZATION

Sr. No.	Month	Topics (sub-topics)	Remark
01	July	1. Introduction to Indian Culture 1.1 Physical and Geographical Features of India 1.2 Defining the term culture 1.3 Features of Indian Culture	
	August	2. Ancient Indian Culture 2.1 Sources: Archeological, Inscriptional, Literary 2.2 Palaeolithic and Neolithic Culture 2.3 Harappan Culture 2.4 Late Harappan Culture 2.5 Dravidian Culture	
	September	3. Main Religions : Philosophy and Teaching 3.1 Hinduism 3.2 Jainism 3.3 Buddhism 3.4 Sikhism 4. Indian Culture 400 BC to 600AD 4.1 Cultural Contribution of Ashokan Age 4.2 Cultural Contribution under the Gupta Age	
	October	5. Ancient Indian Science 5.1 Mathematics 5.2 Astronomy 5.3 Medicine	


Subject Teacher


Principal
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Loknete Vyankatrao Hiray
Arts, Science & Commerce College
Panchavati, Nashik - 3.

TEACHING PLAN

Academic Year: 2019-2020

Name of the Teacher: Dr. Pragati B. Marakwar

Department: History Term: I

Pattern: Semester ✓ / Annual

Class: UG

Paper: S.Y.B.A. (S2) MEDIEVAL INDIA

Sr. No.	Month	Topics (sub-topics)	Remark
01	July	1. Sources of Medieval Indian History a. Archaeological b. Literary	
	August	2. Conceptual study of Medieval India a. Medievalism b. Kingship c. Saranjamshahi d. Mansabdari (Rank) e. Jizyah f. Hundi g. Chhalisgani organization/Turk-I chahlgani h. Sulah- I-kul i. Madad - I- mash j. Din- I- Elahi k. Sufism l. Bhakti cult m. Ikta n. Shahna - i - mandi o. Khalifa	
	September	3. Delhi Sultanate a. Political background of Delhi sultanate b. Turkish rulers c. Khilji - Administration, military system, Economic reforms d. Experiments of Mohammad-Bin-Tughluq. e. Decline of sultanate	
	October	4. Delhi sultanate : Socio-Economic, & religious life a. Social life, social structure, position of women b. Economic life , Agriculture, trade and industry c. Religious life : Bhakti movement, sufism d. Art & Architecture e. Science & Technology	

Subject Teacher

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Principal

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Arts, Science & Commerce College
Panchavati, Nashik - 422003.

TEACHING PLAN Academic Year: 2019-2020

Name of the Teacher: Dr Pragati B. Marakwar

Department: History Term: I


Pattern: Semester ✓ / Annual

Class: UG

Paper: T.Y.B.A. (G-3) HISTORY OF CIVILIZATION

Sr. No.	Month	Topics (sub-topics)	Remark
01	July	1. Conceptual study 1.1 Homo Sapiens 1.3 Osiris 1.5 Cuneiform (Fertile crescent) 1.7 Taoism 1.9 Oracles 1.11 Holy Roman Empire 1.2 Pre history 1.4 Sphinx 1.6 Code of Hammurabi 1.8 Confucianism 1.10 Hijri 1.12 Renaissance	
	August	2. Stone Age Culture 2.1 Early Types of Man 2.2 Paleolithic Age 2.3 Mesolithic Age 2.4 Neolithic Age 2.5 Food Production, Primitive Agriculture and village Settlement 3. Ancient Civilization in West Asia 3.1 Egyptian Civilization - Government, Socio-Economic Life, Art and Architecture, Contribution of Egyptian civilization 3.2 Mesopotamia - Socio-Economic Life, Art and Architecture, Religion and Literature.	
	September	4 Ancient Civilization of China 4.1 Social Structure 4.2 Economy 4.3 Religion and Philosophy 4.4 Art, Architecture and Science	
	October	5. Ancient Indian Civilization 5.1 Harappan Civilization- Town Planning, Socio-Economic and Religious Life, Art and Craft, Decline 5.2 Vedic Civilization - Vedic Literature, Socio-Economic Life, Cultural and Religious belief.	


Subject Teacher


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Loknete Vyankatrao Hiray
Arts, Science & Commerce College
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Principal
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Arts, Science & Commerce College
Panchavati, Nashik - 3.

M. G. Vidyamandir's
LokneteVyankatrao Hiray Arts, Science and Commerce College,
Panchavati, Nashik - 422 003

TEACHING PLAN
Academic Year: 2019-2020

Name of the Teacher: **Prof. G.S Shewale**

Department: History Term: I

Pattern: Semester I

Class: **F.Y.B.A.**

Paper: (G-1) History of Civilization: Indian Civilization and Heritage

Sr. No.	Month	Topics (sub-topics)	Remark
01	June	Admission Process	
02	July	1. Introduction to Indian Civilization a. Concept and Civilization b. Scope of Indian Civilization c. Geographical identity of India	
03	August	2. Sources of the Indian Civilization a. Archaeological b. Numismatic c. Literary	
04	September	3. Pre- History of Civilization a. Pre-historic period: Palaeolithic, Mesolithic and Neolithic Cultures. b. Pro-historic period c. Historic period: Vedic, Later Vedic and Mahajanpadas	
05	October	4. Indian Historical Heritage a. Introduction to Indian Heritage b. Methods of Conservation of Historical Heritage c. Importance of Heritage	

Subject Teacher

Head

Department of History
Loknete Vyankatrao Hiray
Arts, Science & Commerce College
Panchavati, Nashik - 422003

Principal

Loknete Vyankatrao Hiray
Arts, Science & Commerce College
Panchavati, Nashik - 3.

M. G. Vidyamandir's
Loknete Vyankatrao Hiray Arts, Science and Commerce College,
Panchavati, Nashik - 422 003

TEACHING PLAN
Academic Year: 2019-2020

Name of the Teacher: **Prof. G.S Shewale**

Department: History Term: I

Class: S.Y.B.A

Pattern: Semester I / Annual

Paper: S-1 Ancient India (300B.C to 1206A.D)


Sr. No.	Month	Topics (sub-topics)	Remark
01	June	Admission Process	
02	July	1. Sources for the study of Ancient Indian History a. Archaeological b. Epigraphical c. Literary d. Numismatic e. Foreign Accounts	
03	August	2. Conceptual study of Ancient Indian History a. Pre- history, b. Pro-history c.Age of history, d. Stone age, e. Bharatvarsh , f. Sabha- samiti, g. Varnashram, h. samkaras , i. Dandniti, j. Stup- chaitya & Vihar, k. Alvar- Nayanars , l. Ahrahars , m. Vishti, n. Hero-stone, o. Saptang theory , p. Mahajanpadas	
04	September	3. The Harappan Civilization a. Scope and Features b. Socio, Economic & Religious Life c. Decline 4. Vedic Culture a. Political, Social Economical & Religious Life b. Vedic Literature	
05	October	5. Economic & Religious Transformations a. Agriculture, Iron , Technology, Urbanization b. New Religion Sects and its Philosophy: Jainism, Buddhism and Charvak : Lokayats	
06			



Subject Teacher


Head

Department of History
Loknete Vyankatrao Hiray
Arts, Science & Commerce College
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Loknete Vyankatrao Hiray
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Panchavati, Nashik - 3.

TEACHING PLAN
Academic Year: 2019-2020

Name of the Teacher: Prof. G.S Shewale

Department: History Term: I


Class: T.Y.B.A


Pattern: Semester I / Annual

Paper: G-3 History of the world in 20th Century (1914-1992)

Sr. No.	Month	Topics (sub-topics)	Remark
01	June	Admission Process	
02	July	1. Conceptual Study 1. Capitalism, 2. Economic Imperialism, 3. Dictatorship, 4. Communism, 5. Socialism, 6. Nazism, 7. Fascism, 8. Cold War, 9. Non-Alignment, 10. Globalization, 11. Feminism, 12. Humanism.	
03			
04	August	2. First World War 2.1 Causes 2.2 Impacts/ Consequences 2.3 Paris Peace Settlement (1919) 2.4 League of nations	
05	September	3. Russian Revolution 3.1 Socio, Economic, and Political background of revolution 3.2 Contribution of Lenin and New Economic Policy (NEP) 3.3 Contribution of Stalin and Five Year Plan	
06	October	4. Rise of Dictatorship 4.1 Italy 4.2 Germany 4.3 Turkestan 5. Great Depression 5.1 Nature 5.2 Causes 5.3 Consequences	


Subject Teacher


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Arts, Science & Commerce College
Panchavati, Nashik - 3.

TEACHING PLAN
Academic Year: 2019-2020

Name of the Teacher: **Prof. G.S Shewale**

Department: History Term: I


Pattern: Semester III

Class: **M.A II**

Paper: **CC- 07: Ancient and Medieval Civilization of the world**

Sr. No.	Month	Topics (sub-topics)	Remark
01	July	Admission Process	
02	August	1. Civilization Concept And Meaning	
03		2. Ancient Civilization: Egypt, Mesopotamia, Persia, India, China.	
04		a. Political System b. Society and Economy c. Religion and Philosophy d. Literature, Art and Architecture, Science and Technology	
05s	September	3. Classical Civilization: Greece and Roman a. Political System b. Society and Economy c. Religion and Philosophy d. Literature, Art and Architecture, Science and Technology 4. Arabic Culture	
	October	5. Medieval West a. Dark Age b. Feudal System c. Church And State d. Rise of the Nation-States: France and England e. Medieval Economy- Revival Trade and its Impact f. Literature, Art and Architecture	
	November		


Subject Teacher


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TEACHING PLAN
Academic Year: 2019-2020

Name of the Teacher: **Prof. G.S Shewale**

Department: History Term: I

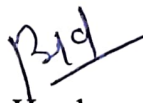
Class: M.A II

Pattern: Semester I

Paper: CC- 08: Debates in Indian History

Sr. No.	Month	Topics (sub-topics)	Remark
01	July	Admission Process	
02	August	1. Aryan Debates	
03		2. The States in Indian History: Debates and Theories	
		I. Pre-State Formation- Mahajanpadas	
		II. State Formation- Maryann State and Gupta Empire	
		III. Decline of the Maryann Empire	
		b. Medieval state	
04		I. Sultan - Theocratic	
		II. Mughals - Theocratic , Patramonial- Bureaucratic	
		III. Chola and Vijaynagara- Segmentory	
		IV. Marathas	
	September	3. Urbanization and Urban Decay	
		4. Feudalism	
		a. Concept	
		b. Feudalism Debates	
05s	October	5. Orientalism	
		a. Meaning	
		b. Contribution of Orientalist Scholars	
		c. Critique of Orientalism	
	November	6. 18 th Century Dabate	


Subject Teacher


Head
Department of History
Loknete Vyankatrao Hiray
Arts, Science & Commerce College
Panchavati, Nashik - 422003.


Principal
Principal
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Arts, Science & Commerce College
Panchavati, Nashik - 3.

Mahatma Gandhi Vidyamandir's
Loknete Vyankatrao Hiray Arts, Science & Commerce College, Panchavati, Nashik-03
Monthly Teaching Plan: 2019-20

Department: Electronic Science

Pattern: Semester- II

Class: F. Y. B. Sc.

Paper I: EL-121: Fundamentals of Digital Electronics (2 Credits, 36 lectures)

Name of the Faculty: Mr. A. B. Patil

Month	Topics (sub-topics) to be Taught	Remark
Nov 2019	Unit 1 : Basics of Digital Electronics(16L) Number Systems: Decimal, Binary, Hexadecimal, BCD, Gray code and their inter-conversions,	Use of PPT, Audio/Visual Tools for some topics, Reference and Text Books
Dec 2019	ASCII, Complements (1's, 2's), Rules of binary Addition, Subtraction. Logic gates: positive and negative logic, AND, OR, NOT, EX-OR, NAND, NOR, EX-NOR and truth tables, NAND and NOR universal gates Boolean Algebra and Theorems: Boolean Theorems,	Use of PPT, A/V Tools for some topics, Reference and Text Books.
Jan 2020	De-Morgan's laws. Digital logic gates, Multi level NAND & NOR gates. Standard representation of logic functions (SOP and POS), Minimization Techniques (Karnaugh Map Method: 3 variables), don't care condition. Basic concept of Arithmetic and logical unit (ALU) Unit-2 Combinational Logic Circuits (10 L) Adders-Half & full adder, Subtractor-Half and full subtractors, Parallel binary adder, Magnitude Comparator, Digital lock using magnitude comparator	Use of PPT, A/V Tools for some topics, Reference and Text Books.
Feb 2020	Multiplexers (2:1, 4:1) and Demultiplexers (1:2, 4:1), Encoder (8-line-to-3-line) and Decoder (3-line-to-8-line). Parity generator and checker Unit 3: Sequential Logic Circuits (10 L) Flip Flops and truth tables: S-R FF, J-K FF, T and D type FFs, Master-Slave FFs, Flip flop as memory device Shift Registers and their types, serial to parallel and parallel to serial converters using shift registers	Use of PPT, A/V Tools for some topics, Reference and Text Books. (Internal Test as per schedule of Examination Department)
Mar 2020	Counters : Asynchronous-Mod16, Mod-10, Mod-8, up down counter, Synchronous-Ring counter, Event counter	Revision of whole syllabus and problem solution from all units. (External examination as per schedule of SSPU, Pune)

Teacher

HoD

Mahatma Gandhi Vidyamandir's
L. V. H. Arts, Science & Commerce College, Panchavati, Nashik-03
Monthly Teaching Plan: 2019-20

Name of the Department: **Department of Electronic Science**

Semester- II

Name of the Faculty: **Mr. U. J. Tupe**

Class: **M. Sc-I** Paper: **ELDT124: Fundamentals and applications of AVR Microcontroller (2 Credits)**

Month	Topics to be taught
December	Unit-1: Introduction to AVR Microcontroller (15 hrs) Architecture (Atmega16), instruction set, addressing modes, memory organization, timers, PWM, I/O ports, ADC, interrupts, serial communication
January	Basic Assembly Programs: arithmetic, logical, code converter, block data transfer, I/O programming for ADC, timer and I/O ports
February	Unit-2: Applications of AVR Microcontroller (15 hrs) Design of General Purpose Target Board: reset, oscillator circuit, derivatives of AVR, Real world interfacing with the microcontrollers and programming in C for interfacing LED, Seven Segment Display.
March	dot matrix display and LCD displays (text and graphic), keyboard and motors (DC, stepper, and servo), I2C and SPI based RTC, EEPROM, DAC and ADC.
April	Solved Old Question papers


Teacher


HOD

Mahatma Gandhi Vidyamandir's
L. V. H. Arts, Science & Commerce College, Panchavati, Nashik-03

Monthly Teaching Plan: 2019-20

Name of the Department: **Department of Electronic Science**

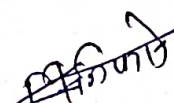
Semester- IV

Name of the Faculty: **Miss.M.E.Niphade**

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

Paper-II: EL-342: Microcontroller and its Applications

Month	Topics to be taught	Remark
December	Unit 1: Microcontroller programming [12] C Data types for 8051, C Programs for Time Delays & I/O Operation, I/O Bit Manipulation, Arithmetic and Logical Operations, ASCII and BCD Data Conversion. Unit 2: UART, INTERRUPT, TIMER Programming [14] Timer programming - Timers and counters,	Use of PPT, Audio/Visual Tools for some topics, Reference and Text Books
January	Unit 2: UART, INTERRUPT, TIMER Programming [14] delay generation using timer, waveform generation using timer. Serial Port Programming in C, Serial Data Transfer to Microcontroller from PC and from PC to Microcontroller, Interrupt programming.	Use of PPT, Audio/Visual Tools for some topics, Reference and Text Books
February	Unit 3: Microcontroller applications using embedded 'C' [12] Interfacing with 8051 and programming using C - LED/s, SSD, LCD, Stepper Motor, DC motor, DAC, ADC, Keys, Matrix keyboard, Switches, TWS, RTC (DS 12887). Unit 4: Introduction to PIC microcontroller [10] Comparison of CISC and RISC architecture, Architecture (WREG register, PIC file register, SFRs, GPR, GP RAM, File register and access bank in the PIC18, PIC status register), Feature of PIC 18F4580.	Use of PPT, A/V Tools for some topics, Reference and Text Books. (Internal Test as per schedule of Examination Department)
March	Unit 4: Introduction to PIC microcontroller [10] reset and oscillator circuit, Pin configuration (18F4580), Port description, Memory organization, Introduction of PIC programming using MPLAB.	Revision of whole syllabus and problem solution from all units. (External examination as per schedule of SSPU, Pune)


Teacher


HOD

Mahatma Gandhi Vidyamandir's
Loknete Vyankatrao Hiray Art's, Science And Commerce College, Panchavati, Nashik
Department of Chemistry

TEACHING PLAN

Academic Year: 2019-2020

Name of the teacher: Miss. Sayali .P. Joshi

Class: MSC-II Physical chemistry

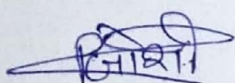
Term: III

Pattern: Semester

Subject: CHP-310 Quantum and Solid State Chemistry

Sr.No.	Month	Topics (sub-topics)	Remark
1	June	Section 1: Quantum Chemistry Chapter 1: Postulates of quantum mechanics, properties of quantum mechanical operators, Eigen functions and Eigen values, Hermitian, linear, ladder, and angular momentum operators. term symbols and selection rules, spin –orbit coupling, regular and inverted multiples	
2	July	Chapter 2: The variation method, theorem and applications, non-degenerate perturbation method	
3	August	Chapter 3: Application of LCAO-MO theory on the basis of Huckel approximation to conjugated Aliphatic molecules and monocyclic conjugated polyenes. Huckel (4n+2) rule, Alkylation of resonance stabilization energy from Schaad and Hess model, Antiaromatic molecules.	
4	September	Section 2: Solid State Chemistry Chapter 1: Properties of metals and semiconductors: band theory, types of solids, intrinsic and extrinsic semiconductors, p-n junctions, optical properties, photoconductivity of crystals Chapter 2: Imperfections and related phenomenon: Defects in solids: point defects line defects, diffusion in solids- mechanism, elastic and plastic deformations	

		Chapter 3: Crystal growth techniques: General principles, growth from solution, growth from melts , growth from vapour	
5	October	Chapter 4: Imperfections and physical properties crystals: Electrical properties, Optical properties : Colour centers in ionic crystals: types, creation, Magnetic properties , Thermal properties and Mechanical properties. Chapter5: Solid state reactions: reactions of single solids and their kinetic characteristics, gas -solid, solid -solid, addition and double decomposition reactions, photographic process	



Subject Teacher
Miss.Sayali .P.Joshi



HOD
Prof. Dr. K. H. Kapadnis
Head
Department of Chemistry
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Arts, Science & Commerce College,
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Mahatma Gandhi Vidyamandir's
Loknete Vyankatrao Hiray Art's, Science And Commerce College, Panchavati, Nashik
Department of Chemistry

TEACHING PLAN

Academic Year: 2019-2020

Name of the teacher: Miss. Vaishali .P. Shinde

Class: MSC-II Physical chemistry

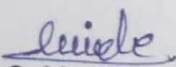
Term: III

Pattern: Semester

Subject: : CHP-311 Nuclear, Radiation and Photochemistry

Sr.No.	Month	Topics (sub-topics)	Remark
1	June	<p>Section 1: Nuclear and Radiation Chemistry</p> <p>Chapter 1: Nuclear fission The discovery, conformation of nuclear fission, types of fission Reaction, mass distribution of fission product, emission of neutron in fission, fissile and Fissionable nuclides, theory of nuclear fission, critical energy for fission, products of Nuclear fission</p> <p>Chapter 2: Nuclear reactors General aspects of reactor design, thermal, fast and intermediate Reactors, reactor fuel materials, reactor moderators and reflects, coolants, control Materials, shield, regeneration and breeding of fissile matter, types of research reactors.</p>	
2	July	<p>Chapter 3: Nuclear Structure, The liquid drop model, calculation of nuclear binding energies, properties of isobars, missing elements, the nuclear shell model, magic numbers, filling of nucleon shells, the collective and unified models.</p> <p>Chapter 4: Ion beam analysis techniques, Particle induced X-ray emissions- projectile accelerator and target preparation, ionization and X-ray emission detection, analysis and applications.</p> <p>Chapter 5: Rutherford back scattering reaction, surface analysis, depth profiling, channelling effects and applications</p> <p>Chapter 6: Radiation detectors Scintillators and their properties inorganic and organic, solid state semiconductor detectors-theory surface barrier Li drifted and</p>	

3	August	<p>intrinsic detectors.</p> <p>Chapter 7: Radiolysis of aqueous solutions Radiolysis of water, ferric sulphate, ceric sulphate, cupric sulphate solutions, Radiolysis Kinetics Pulse Radiolysis and competition kinetics, non-homogeneous kinetics, flash photolysis.</p> <p>Section 2: Photochemistry</p>	
4	September	<p>Chapter 1: Introduction Laws of photochemistry, interaction of light with matter, theory of photoluminescence, general features of photochemical and photophysical processes.</p> <p>Chapter 2: Mechanism of absorption and emission of radiation Einstein's treatment, selection rules, Life times of excited electronic states of atoms and molecules Types of electronic Transitions in organic molecules photochemical pathways, Jablonski diagram, Fluorescence, Phosphorescence.</p>	
5	October	<p>Chapter 3: Photophysical kinetics of uni and bimolecular processes, delayed fluorescence mechanisms, kinetics of collisional quenching, Stern-Volmer equation, quenching by added substances charge transfer mechanism, energy transfer mechanism.</p> <p>Chapter 4: Photolysis, Laser-general principles, types of lasers: two, three and four level lasers, solid state Ruby and Nd/YAG laser, self phase modulation, single photon counting, experimental techniques, flash photolysis: conventional microsecond flash photolysis, Nanosecond laser flash photolysis, Actinometry.</p> <p>Chapter 5: Frontiers of photochemistry Picosecond, Femtosecond flash photolysis, applications: Solar energy conversion and storage, photosynthesis.</p>	


Subject Teacher
Miss. Vaishali P. Shinde


HOD
Head of Chemistry
Prof. Dr. K. H. Kapadnis
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Mahatma Gandhi Vidyamandir's
Loknete Vyankatrao Hiray Art's, Science And Commerce College, Panchavati, Nashik
Department of Chemistry

TEACHING PLAN

Academic Year: 2019-2020

Name of the teacher: Miss.Manisha .A. Chaudhari

Class: MSC-II Physical chemistry

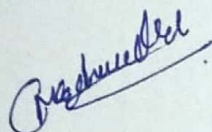
Term: III

Pattern: Semester

Subject: CHP-312 Physicochemical Methods of Analysis

Sr.No.	Month	Topics (sub-topics)	Remark
1	June	Chapter 1: Generation and properties of X-rays, X-ray absorption, Concept of absorptive edge, applications, X-ray absorptive apparatus, radiography and radiotherapy, applications X ray fluorescence, fundamental principles, instrumentation, wavelength dispersive and energy dispersive, qualitative and quantitative analysis, X-ray emission, fundamental principles, electron microprobe.	
2	July	Chapter 2: Luminescence, chemiluminescence, electrochemiluminescence, apparatus, fluorescence, phosphorescence, theory, factors affecting intensity, apparatus, analytical applications.	
3	August	Chapter 3: Inductively coupled plasma atomic emission spectroscopy: principle, instrumentation, analysis and applications Chapter 4: Thermal methods of analysis: TGA, DTA, DSC and thermometric titrations – principle, instrumentation, factors affecting TGA curve, applications.	
4	September	Chapter 5: Electron spectroscopy for chemical analysis : Theory, spectral splitting and chemical shift. Apparatus used for ESCA, applications. Chapter 6:	

5	October	<p>Coulometry: Current-voltage relationship, coulometric methods, controlled potential coulometry.</p> <p>Chapter 7: Voltammetry: Excitation signals, instrumentation, hydrodynamic Voltammetry, cyclic voltammetry, pulse voltammetry, applications.</p>	
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Subject Teacher
Miss. Manisha Chaudhari



HOD

Prof. Dr. K. H. Kapadnis

Head
 Department of Chemistry
 Loknete Vyankatrao Hiray
 Arts, Science & Commerce College,
 Panchavati, Nashik - 3.

Mahatma Gandhi Vidyamandir's

Loknete Vyankatrao Hiray Art's, Science And Commerce College, Panchavati, Nashik

Department of Chemistry

TEACHING PLAN

Academic Year: 2018-2019

Name of the teacher: Miss. Sayali .P. Joshi and Miss Vaishali. P. Shinde

Class: MSC-II Physical chemistry

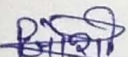
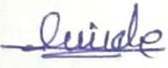
Term: III


Pattern: Semester

Subject: CHP-310 Quantum and Solid State Chemistry

Sr.No.	Month	Topics (sub-topics)	Remark
1	June	Section 1: Quantum Chemistry Chapter 1: Postulates of quantum mechanics, properties of quantum mechanical operators, Eigen functions and Eigen values, Hermitian, linear, ladder, and angular momentum operators. term symbols and selection rules, spin –orbit coupling, regular and inverted multiples	
2	July	Chapter 2: The variation method, theorem and applications, non-degenerate perturbation method	
3	August	Chapter 3: Application of LCAO-MO theory on the basis of Huckel approximation to conjugated Aliphatic molecules and monocyclic conjugated polyenes. Huckel $(4n+2)$ rule, Alkylation of resonance stabilization energy from Schaad and Hess model, Antiaromatic molecules.	
4	September	Section 2: Solid State Chemistry Chapter 1: Properties of metals and semiconductors: band theory, types of solids, intrinsic and extrinsic semiconductors, p-n junctions, optical properties, photoconductivity of crystals Chapter 2: Imperfections and related phenomenon: Defects in solids: point defects line defects, diffusion in solids- mechanism, elastic and plastic deformations Chapter 3: Crystal growth techniques: General principles, growth from	

		solution, growth from melts , growth from vapour	
5	October	<p>Chapter 4: Imperfections and physical properties crystals: Electrical properties, Optical properties : Colour centers in ionic crystals: types, creation, Magnetic properties , Thermal properties and Mechanical properties.</p> <p>Chapter5: Solid state reactions: reactions of single solids and their kinetic characteristics, gas -solid, solid -solid, addition and double decomposition reactions, photographic process</p>	

 Subject Teacher 
 Miss. Sayali .P. Joshi and Miss Vaishali. P. Shinde


 HOD
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Department of Chemistry

TEACHING PLAN

Academic Year: 2018-2019

Name of the teacher: Miss. Vaishali .P. Shinde and Miss. Sayli. P. Joshi.

Class: MSC-II Physical chemistry

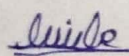
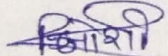
Term: III

Pattern: Semester

Subject: : CHP-311 Nuclear, Radiation and Photochemistry

Sr.No.	Month	Topics (sub-topics)	Remark
1	June	<p>Section 1: Nuclear and Radiation Chemistry</p> <p>Chapter 1: Nuclear fission The discovery, conformation of nuclear fission, types of fission Reaction, mass distribution of fission product, emission of neutron in fission, fissile and Fissionable nuclides, theory of nuclear fission, critical energy for fission, products of Nuclear fission</p> <p>Chapter 2: Nuclear reactors General aspects of reactor design, thermal, fast and intermediate Reactors, reactor fuel materials, reactor moderators and reflects, coolants, control Materials, shield, regeneration and breeding of fissile matter, types of research reactors.</p>	
2	July	<p>Chapter 3: Nuclear Structure The liquid drop model, calculation of nuclear binding energies, properties of isobars, missing elements, the nuclear shell model, magic numbers, filling of nucleon shells, the collective and unified models.</p> <p>Chapter 4: Ion beam analysis techniques Particle induced X-ray emissions- projectile accelerator and target preparation, ionization and X-ray emission detection, analysis and applications.</p> <p>Chapter 5: Rutherford back scattering scattering reaction, surface analysis, depth profiling, channelling effects and applications</p> <p>Chapter 6: Radiation detectors</p>	

3	August	<p>Scintillators and their properties inorganic and organic, solid state semiconductor detectors-theory, surface barrier, Li drifted and intrinsic detectors.</p> <p>Chapter 7: Radiolysis of aqueous solutions Radiolysis of water, ferric sulphate, ceric sulphate, cupric sulphate solutions, Radiolysis Kinetics Pulse Radiolysis and competition kinetics, non-homogeneous kinetics, flash photolysis.</p>
4	September	<p>Section 2: Photochemistry</p> <p>Chapter 1: Introduction Laws of photochemistry, interaction of light with matter, theory of photoluminescence, general features of photochemical and photophysical processes.</p> <p>Chapter 2: Mechanism of absorption and emission of radiation Einstein's treatment, selection rules, Life times of excited electronic states of atoms and molecules Types of electronic Transitions in organic molecules photochemical pathways, Jablonski diagram, Fluorescence, Phosphorescence.</p>
5	October	<p>Chapter 3: Photophysical kinetics of uni and bimolecular processes, delayed fluorescence mechanisms, kinetics of collisional quenching, Stern-Volmer equation, quenching by added substances charge transfer mechanism, energy transfer mechanism.</p> <p>Chapter 4: Photolysis, Laser-general principles, types of lasers: two, three and four level lasers, solid state Ruby and Nd/YAG laser, self phase modulation, single photon counting, experimental techniques, flash photolysis: conventional microsecond flash photolysis, Nanosecond laser flash photolysis, Actinometry.</p> <p>Chapter 5: Frontiers of photochemistry Picosecond, Femtosecond flash photolysis, applications: Solar energy conversion and storage, photosynthesis.</p>

 Subject Teacher 
Miss. Vaishali .P. Shinde and Miss. Sayli. P. Joshi


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Department of Chemistry

TEACHING PLAN

Academic Year: 2018-2019

Name of the teacher: Miss.Manisha .A. Chaudhari

Class: MSC-II Physical chemistry

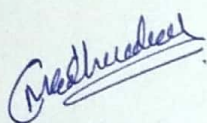
Term: III

Pattern: Semester

Subject: CHP-312 Physicochemical Methods of Analysis

Sr.No.	Month	Topics (sub-topics)	Remark
1	June	Chapter 1: Generation and properties of X-rays, X-ray absorption, Concept of absorptive edge, applications, X-ray absorptive apparatus, radiography and radiotherapy, applications X ray fluorescence, fundamental principles, instrumentation, wavelength dispersive and energy dispersive, qualitative and quantitative analysis, X-ray emission, fundamental principles, electron microprobe.	
2	July	Chapter 2: Luminescence, chemiluminescence, electrochemiluminescence, apparatus, fluorescence, phosphorescence, theory, factors affecting intensity, apparatus, analytical applications.	
3	August	Chapter 3: Inductively coupled plasma atomic emission spectroscopy: principle, instrumentation, analysis and applications Chapter 4: Thermal methods of analysis: TGA, DTA, DSC and thermometric titrations – principle, instrumentation, factors affecting TGA curve, applications.	
4	September	Chapter 5: Electron spectroscopy for chemical analysis : Theory, spectral splitting and chemical shift. Apparatus used for ESCA, applications. Chapter 6:	

5	October	<p>Coulometry: Current-voltage relationship, coulometric methods, controlled potential coulometry.</p> <p>Chapter 7: Voltammetry: Excitation signals, instrumentation, hydrodynamic Voltammetry, cyclic voltammetry, pulse voltammetry, applications.</p>	
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Subject Teacher

Miss. Manisha A. Chaudhari



HOD

Prof. Dr. K. H. Kapadnis

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**Mahatma Gandhi Vidyamandir's
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Panchavati, Nashik-03**

Monthly Teaching Plan – 2018-19

Name of the Department: **Department of Electronic Science**

Semester- I

Name of the Faculty: **Dr. U. P. Shinde**

Class	Paper	Month	Topics to be taught
S. Y. B.Sc	Paper-I Analog Circuit Design (EL 211)	July	UNIT- 1: Transistor Amplifiers: (12) General classification of amplifiers: with respect to signal amplitude, frequency and configuration. Small signal amplifier: A.C.-D.C. analysis, frequency response, gain Bandwidth product. Design of single stage amplifier. Types of coupling (quantitative analysis): RC coupled, transformer coupled and direct coupled. Multi-stage RC coupled CE amplifier: effect of coupling capacitor and bypass capacitor on frequency response (qualitative approach) and application area.
		August	UNIT-2:Power Amplifiers : (12) Concept: Difference between voltage and power amplifier, Comparison of small signal and large signal amplifiers: with respect to gain, efficiency, and distortion. Classification of power amplifiers on the basis of conduction: class-A, class-B, class-AB, class-C. Class-A amplifier: resistive load/transformer coupled load, efficiency calculation. Concept of harmonic distortion. Class B amplifier: Push-pull amplifier concept, complimentary symmetry class-B push pull amplifier, crossover distortion, class AB push pull amplifier. Concept, use and types of heat sinks.
		September	UNIT-3: Feedback Systems : (12) Concept of negative and positive feedback and Barkhausen criterion. Types of feedback circuits: current shunt, current series, voltage shunt and voltage series, comparison and applications. Effect of negative feedback: on gain ,Bandwidth, input and output impedance, stability of an amplifier. Positive feedback: oscillator circuits -Wien bridge , Phase Shift , Hartley , Colpitts and Crystal. Design of oscillators for given feedback factor and frequency of oscillation.


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Teaching Plan -2018-19

Name of the Department: **Department of Electronic Science**

Name of the Faculty: **Dr. A. V. Patil**

Semester/Term - I

Class	Paper	Month	Topics to be taught
M.Sc. II	ELDT08: Programmable Logic Controllers and Applications	June-2018	Admissions
		July-2018	Unit 1: Programmable logic controllers Historical background, programmable controller and features, principle of operation, architecture, memory, Input/output module with reference to sink or source, output module- relay, transistor, triac, power supply, signal conditioning, remote connections, networks, PLC verses other control e.g. relay logic, PC, PLC product application range, selection of PLC,
		August-2018	documentation of PLC, Examples of applications AC mains interfaces, PLC wiring, device wiring, 24V DC input interfaces, sourcing devices, sinking devices, output interface configurations and wiring Unit 2: PLC Programming Programming methods- ladder diagrams, function blocks, statement list, programming a PLC, Programming terminals, ladder relay instructions, ladder relay programming (digital gates, boolean expression, flip flop), timers, counters and shift registers: types of timers, programming timers,
		September-2018	off-delay timers, pulse timers, programming examples, forms of counter, programming, up and down counting, timers with counters, sequencer, data handling: registers and bits, data handling, arithmetic functions, closed loop control shift registers, ladder programs Unit 3: Case studies and Introduction to Distributed Control Systems (DCS) Program development, safe systems, commissioning, fault finding, system documentation programs- temperature control, valve sequencing, conveyor belt control,
		October-2018	control of a process, traffic lights, controller, alarm monitor program, parking garage counter, vending machine, automatic stacking program, AC motor drive interface, elevator, water level controller SCADA system and DCS architecture, local control unit, programming language, communication facilities, operator interface, engineering interfaces


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Teaching Plan 2018-19


Name of the Department: **Department of Electronic Science**

Sem: I

Name of the Faculty: **Mr. Anil B. Patil**

Class	Paper	Month	Topics to be taught
F.Y.B.Sc.	Paper II: (EL-102) Principles of Digital Electronics (First term)	15 -30 June- 2018	S.Y. Admission Process- Counselling & document verification, U.G.C. Proposal Preparation under NSQF
		July- 2018	Unit 1: Number Systems and Logic Gates Introduction to decimal, Binary and hexadecimal number systems and their interconversions, Signed and fractional binary number representations, BCD, Excess-3 and Gray codes, Alphanumeric representation in ASCII codes. Positive and Negative Logic, Basic Logic gates (NOT, OR, AND) & derived gates (NAND, NOR, EX-OR) S
		Aug- 2018	Unit 2: Boolean Algebra and Karnaugh Maps Boolean algebra rules and Boolean laws: Commutative, Associative, Distributive, AND, OR and Inversion laws, DeMorgen's theorem, Universal gates.
		Sept- 2018	Min terms, Max terms , Boolean expression in SOP and POS form, conversion of SOP/POS expression to its standard SOP/POS form., Simplifications of Logic equations using Boolean algebra rules and Karnaugh map (up to 3 variables). Unit 3: Arithmetic Circuits Rules of binary addition and subtraction, subtraction using 1's and 2's complements,
		October- 2018	Half adder, full adder, Half subtractor, Full subtractor, Four bit parallel adder, Universal adder / subtractor, Digital comparator, Introduction to ALU.


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Monthly Teaching Plan -2018-19

Semester - I

Name of the Department: - Department of Electronic Science

Name of the Faculty: - Miss. V. S. Raut

Class	Paper	Month	Topics to be taught
T.Y.B.Sc	Paper I EL 331 Advanced Digital System Design	July	Unit 1: Digital System Digital system design process- Basic design loop, design flow for logic circuits, Mealy & Moore sequential machine models, state machine notation, state equivalence, state reduction, Equivalence classes, Implication charts, state reduction of incompletely specified state tables, Merger graphs, only importance of state assignment techniques, state assignment permutations formula, ASM symbols
		August	Unit 2: Verilog Hardware Description Language Importance of HDL's, features of Verilog HDL, Overview of Digital Design with Verilog HDL, Hierarchical modelling concepts, Basic concepts of Verilog- Operators, comments, Number specifications, strings, Identifiers & keywords, Data types, system tasks & Compiler Directives, Modules & ports
		September	Unit 2: Verilog Hardware Description Language Gate level Modelling- Gate types, Gate delays Data flow modelling- Continuous Assignments, Delays expression, operators & operands Behavioural Modelling- Structured Procedures, Procedural Assignments, Timing Controls, Conditional statements, Multiway Branching, Loops Examples of Verilog Design- Multiplexer, Demultiplexer, Encoder, Decoder, Half Adder, Full Adder, Subtractor, Flip Flop, Counter, and Shift register.
		October	Unit 3: Programmable Logic Design Introduction, fixed function IC's, ASICs, PLD, ROM as PLD, SPLD- PLA, PAL, GAL, CPLD, FPGA Unit 4: Case Study Traffic light controller, Stepper motor sequence generator, Vending machine, Tablet filling system


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LOKNETE VYANKATRAO HIRAY ARTS, SCIENCE & COMMERCE COLLEGE, PANCHAVATI,
NASHIK-03

Department of History

Teaching Plan

Teacher Name-

From Year. June 2018 to March 2019

Sr. No	class	Pepar	Sr. No	Topics
5	T.Y.B.A. (34)	History of USA (1914-1992)	June 1	Admission Process
			July 2	Conceptual study
			Aug 3	U.S.A. & First world war
			Sept 4	USA betn two world wars
			Oct 1	USA & Second world war
2			Nov 2	Socio-cultural move. in America
			Dec 3	Diwali vacation
			Jan 4	Foreign Policy of U.S.A After world war II
			Feb 1	USA Relation with Japan & Japan & China
			March 2	U.S.A & cold war
6	MAI ^{1st} year	Maratha Polity	June 3	U.S.A. & Asia & USA As a world power
			July 4	Admission Process.
			Aug 1	Define 'Maratha Polity' Nature of sources.
			Sept 2	Maratha state & Administrative structure
			Oct 3	Socio-political power structure & Administration of justice
4			Nov 4	Military system
			Dec 1	Diwali vacation
			Jan 2	origin & Basis of Maratha political power
			Feb 3	Ideological & Institutions of the Marathes.
			March 4	Nature of Maratha state & Maratha constitution
1	MAI ^{2nd} year Sem II	Marathes in 17th & 18th century Power politics	Dec 1	origin & Basis of Maratha political power
			Jan 2	Ideological & Institutions of the Marathes.
			Feb 3	Nature of Maratha state & Maratha constitution
			March 4	

Sr. No	class	Pepar	Sr. No	Topics
1.	MA II nd sem III	The Economic History of Modern India	1	Admission Process. European Economic interests in India
			2	European economic interests in India & colonial economy
			3	Agriculture settlements.
			4	Industry
2.	Sem IV	Maharashtra in 20 th century	1	Trade & Fiscal system & Banking.
			2	Diwali vacation
			3	
			4	
3.			1	
			2	Diwali vacation
			3	
			4	
4.			1	
			2	
			3	
			4	
5.			1	
			2	
			3	
			4	

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MAHATMA GANDHI VIDYAMANDIR'S

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Department of History

Teaching Plan

Teacher Name - Prof. Kishor K. Pagar

From Year. June 2018 to March 2019

Subject Name - Modern India.

Sr. No	class	Paper	Month	Sr. No	Topics
1.	<u>S.Y.B.A.</u>	<u>G12</u>	Jun		Admission Process.
			Jul	1	Conceptual Study.
				2	Uprising of 1857.
			Aug	3	Social and Religious Movement.
			Sep	4	Indian Nationalism
			Oct	5	Administrative Polity of the British.
			Nov		<u>Deewali Vacation.</u>
			Dec	1	Mahatma Gandhi and Indian National Movement.
			Jan	2	Rise and growth Communal
				3	Constitutional Development
			Feb	4	Subaltern Movement.
			Mar	5	India after Independence.
					<u>Exam Period</u>
			Apr		
			May		

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LOKNETE VYANKATRAO HIRAY ARTS, SCIENCE & COMMERCE COLLEGE, PANCHAVATI,
NASHIK-03

Department of History

Teaching Plan

Teacher Name- Dr. P.B. Motakwadi From Year. June 2018 to March 2019

Sr. No	class	Pepar	Sr. No	Topics
1.	F.Y.B.A. (U1)	Chh. shivaji and His Times	June 1	Admission Process Sources of history
			July 2	Conceptual study of Chh. shivaji & his times
			Aug 3	Rise & Consolidation of Maratha Power
			Sept 4	Administration under Chh. shivaji
2.			Oct 1	Chh. shivaji & Foreign powers
			Nov 2	Diwali vacation
			Dec 3	Chh. Sambhaji's Achievements
			Jan 4	Maratha war of independence
3.	S.Y.B.A. (U2) Hist of civilization	Indian Culture	Feb 1	Social life & Economic Life
			March 2	Arts & Architecture
			June 3	Admission Process.
			July 4	Introduction to Indian Culture
4.			Aug 1	Ancient Indian culture.
			Sept 2	Main religions
			Oct 3	Indian culture from 600 AD. & Ancient Indian Science.
			Nov 4	Diwali vacation & Exams
5.			Dec 1	Language & Literature.
			Jan 2	Arts & Architecture
			Feb 3	Bhakti movement.
			March 4	Socio Religion Reform movement.

Sr. No	class	Pepar	Sr. No	Topics
3	S.Y.B.A. (82)	Medieval India (1206-1707)	June 1	Admission Process
			July 2	Sources of Medieval Indian History
			Aug 3	Conceptual study of Medieval India
			Sept 4	Delhi Sultanate
2			Oct 1	Socio-Economic & religious Life.
			Nov. 2	Diwali vacation
			Dec 3	Decorative powers
			Jan 4	The Period of Mughals
4	TYBA (43) Hist. of civil	World Civilization	Feb 1	Socio-Economic life
			March 2	Cultural life of Mughals.
			June 3	Admission Process
			July 4	Conceptual study
1			Aug 1	Stone Age culture
			Sept 2	Ancient Civilization in West Asia
			Oct 3	Ancient Civilization of China & India
			Nov. 4	Diwali vacation
5			Dec 1	Western Classical Civilization
			Jan 2	Arab Civilization
			Feb 3	Life in Medieval Europe
			March 4	The Age of discoveries

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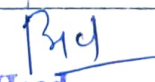
Department of History

Teaching Plan


Teacher Name- Swati S. Walekar From Year. June 2018 to March 2019

Sr. No	class	Pepar	month	Sr. No	Topics
1.	MA I Sem I	Evolution of Ideas & Thrt. in Ancient India	Jan	1	Admission Process
			July	2	Defining Ancient India & Nature of sources
			Aug	3	Prehistoric societies & Vedic & Postvedic societies
			Sept	4	state formation
2.	Sem II	Socio-economic History of mraatha	Oct	1	Postmauryan developments.
			Nov	2	Diwali Vacation
			Dec	3	Defining Socio-eco History
			Jan	4	Sources of perception limitat Range
3.	Sem III	debates in Indian History	Feb	1	Village community
			March	2	Social Institutions,
			April	3	
			Jun	4	Admission Process
4.			July	1	The Aryan debates
			Aug	2	The state in India History
			Sept	3	Urbanisation & Feudalism
			Oct	4	orientalism & 18th cen debate
5.	Sem IV	History of modern India	Nov		Diwali Vacation
			Dec	1	Key concepts of modern India
			Jan	2	Indian Rev. move. & issues
			Feb	3	Towards Freedom
			March	4	Attainment of independence & India after Independence


Faculty


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Vice Principal
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Principal
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Department of History

Teaching Plan

Teacher Name - PROF. KISH K PARGAR

From Year. June 2018 to March 2019

Subject Name - Mahabharata Culture

Sr. No	class	Paper	Month	Sr. No	Topics
1.	f.y.b.a	(G1) <u>Civilization</u>	Jun		Admission Process.
			Jul	1	mahabharata culture.
			Aug	2	outline of cultural history.
			Sep	3	language and literature.
			Oct	4	Social life.
			Nov		<u>Deepawali Vacation.</u>
			Dec	5	Economic life
			Jan	6	Art & Architecture
			Feb	7	festival & ceremonies
			Mar	8	Bhakti cult - <u>Exam period.</u>
			Apr		—
			May		—

Faculty

K. Pargar

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Department of History

Teaching Plan

Teacher Name - Prof. Navanath L. Yelname

From Year. June 2018 to March 2019

Subject Name - Maharashtra in the 19th century

Sr. No	class	Paper	Month	Sr. No	Topics
1.	MA-II Sem-III	Opt-13	Jun		Admission Process
			Jul	1	Background of the 19 th century Maharashtra
				2	Impact of the west
			Aug	3	Renaissance in Maharashtra
				4	Social Stratification & caste class consciousness
			Sep		5 Rise & Growth of National consciousness
			Oct		6 Economic Transformation Deewali Vocation
			Nov		Deewali Vocation
			Dec		MA Exam Period
			Jan		-
			Feb		-
			Mar		-
			Apr		-
			May		-

Faculty

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TEACHING PLAN

Academic Year: 2018-2019

Name of the Teacher: Dr. Resham Bhalla

Department: Zoology

Term: I Pattern: Semester ☒ / Annual

Class: M.Sc. Zoology, Part-II,

Paper: ZY 301T Animal Physiology I Credits 4lectures 60

Sr. No.	Month	Topics (sub-topics)	Remark
06	July 2019	Bioluminescence and Animal electricity 1.1 Bioluminescence: phyletic distribution, structure of luminescent organs, biochemical and molecular mechanism. 1.2 Animal electricity: electro receptors electro organs and their structure and function 2. Buoyancy: definition, density reduction, gas floats with examples swim bladder with example.	
	Aug. 2019	External and Internal environment: 3.1 External environment: the atmosphere, aquatic & terrestrial environment 3.2 Internal environment: Extracellular and intra cellular environment 3.3 Homeostasis and regulation: tolerance and resistance, acclimatisation and acclimation, regulatory mechanism. 3.4 Biological clock and their regulation: Circadian rhythms lunar and tidal rhythm, circa annual rhythm, photoperiodism. 4 Membrane physiology 4.1 Membrane structure, membrane permeation, diffusion mediated transport, dynamics of semi permeable membrane. 4.2 resting membrane potential, diffusion, equilibrium potential, Goldman-Hodkin- Katz potential, conductance, current, capacitance 4.3 Excitable cell membrane: action potential, role of various ion channels, role of Na ⁺ K ⁺ pump, properties of action potentials	
	Sept. 2019	Energy metabolism: 5.1 Metabolic rate 5.2 Energy storage: Fat and glycogen 5.3 Effect of O ₂ concentration: acclimation to low O ₂ level, anaerobic metabolism, lactic acid and glycolysis 5.4 Problem of diving and deep sea hydro thermal vent 5.5 Metabolic rate and body size: mammals, birds, marsupials & monotremes 5.6 Energy cost of locomotion: running, swimming, flying 5.7 Effect of high altitude 6 Excretion: 6.1 Nitrogenous waste- ammonia and its excretion, urea, urea cycle, uric acid and its excretion, products of nucleoprotein metabolism, miscellaneous end product of nitrogen metabolism. 6.2 Organ of excretion and urine formation 6.3 Renal regulation and acid -base balance.	
	Oct. 2019	Osmoregulation - Maintaining water and electrolyte balance and its regulation in aquatic invertebrates & vertebrate, moist skinned animals, arthropods, terrestrial, vertebrate and marine air breathing vertebrates	

Subject Teacher

Head
Department of Zoology
L.V.H. Mahavidyalay
Panchavati, Nashik-3

M. G. Vidyamandir's
Loknete Vyankatrao Hiray Arts, Science and Commerce College, Panchavati, Nashik - 422 003

TEACHING PLAN

Academic Year: 2018-2019

Name of the Teacher: **Mr. Lalit Tank**

Department: Zoology

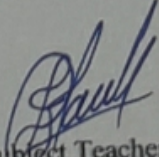
Term: I

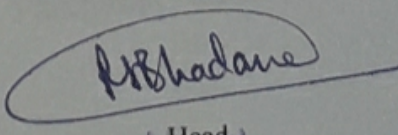
Pattern: Semester ✓ / Annual

Class: M. Sc. II

Paper: ZY 307 (T) – Fundamentals of Systematics

Sr. No.	Month	Topics (sub-topics)	Remark
06	July 2019	1) Fundamental of Systematics: Biological classification, Hierarchy of categories and higher taxa, Taxonomic characters – procedures and keys, Species concepts: varieties, subspecies, sibling species, race etc.	
	Aug. 2019	2) Kingdoms of Life : General outline of kingdoms including Monera & Protista; Broad outline & Diversity in kingdom Animalia 3) Methodologies in systematics : Morphology based taxonomy, Numerical taxonomy, Cyto-taxonomy and chemotaxonomy, Molecular systematics, DNA fingerprinting & Molecular markers for detection/evaluation of polymorphism, RFLP, RAPD etc.	
	Sept. 2019	4) Taxonomic keys: Types of taxonomic keys, their merits and demerits. International code of Zoological nomenclature. Its operative principles, interpretation and application of important rules, zoological nomenclature, formation of names and various taxa	
	Oct. 2019	5) Taxonomic procedures: taxonomic collection preservation, curation process and identification. 6) Molecular phylogenetics and phylogeography.	


Subject Teacher


Head
Department of Zoology
L.V.H. Mahavidyalay
Panchavati, Nashik-3

Principal

M. G. Vidyamandir's
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Panchavati, Nashik - 422 003

TEACHING PLAN
Academic Year: 2018-2019

Name of the Teacher: **Dr. S. D. Patil**

Department: Zoology

Semester: IV

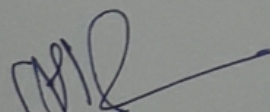
Pattern: Semester ✓ / Annual

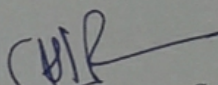
Class: M. Sc. II

Sub: Pest control

Paper: ZY 407 T

Sr. No.	Month	Topics (sub-topics)	Remark
1	December 2019	Introduction of the pest control	
2	January 2020	Brief outline of medical and veterinary entomology	
3	February 2020	Principles and methods of pest control Autocidal control ,Chemosterilents,Kniplings model,Pheromonal and hormonal control	
4	March 2020	Non- insect pest and their control:	
5	April 2020	Pesticide- Appliances	


Subject Teacher


HOD

Science Incharge

Principal

M. G. Vidyamandir's

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TEACHING PLAN

Academic Year: 2018-2019

Name of the Teacher: Mr.S.L. Dhonnar

Department: Chemistry

Term: III

Class: M.Sc. -II

Paper- CHO-350: Organic Reaction Mechanism

Sr. No.	Month	Topics (sub-topics)	Remark
01	July and August	1. Carbanions-Formation, stability and related name reactions 2. Enamines –formation and applications.	
	September	3. NGP: Neighboring group participation 4. Reactions of carbenes and nitrenes	
	October	5. Free radicals: Generation of radicals, Stable free radicals, Nucleophilic and electrophilic radicals, Characteristics reactions, -Free radical substitution, addition to multiple bonds, Radicals in synthesis: Inter and intra molecular C-C bond formation via mercuric hydride, tin hydride, thiol, cleavage of C-X, C-Sn, C-Co, C-S, O-O bonds. Oxidative coupling. C-C bond formation in aromatics, S _N Ar reactions	
	November	6.Mechanisms in Biological Chemistry	



Teacher Sign



H.O.D

Head

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L.V.H., Arts, Science and Commerce College Panchavati, Nashik

TEACHING PLAN

Academic Year: 2018-2019

Name of the Teacher: Dr.T.B. Pawar and Miss Salunke A.B

Department: Chemistry

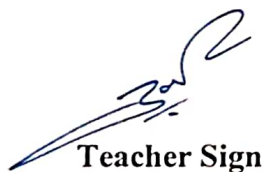
Term: I

Class: M. Sc. II

Paper- CHO-351: Spectroscopic Methods in Structure Determination

Sr.No.	Month	Topics (sub-topics)	Remark
01	July and August	Chapter 1 1H NMR Spectroscopy (14 L) Chemical shift, factors influencing chemical shift, deshielding, chemical shift values and correlation for protons bonded to carbons (aliphatic, olefinic, aldehydic, aromatic) and other nuclei (alcohols, phenols, enols, acids, amides and mercaptans), chemical exchange, effect of deuteration, spin-spin coupling, (n+1) rule, complex spin-spin interaction between two, three, four and five nuclei (first order spectra), factors effecting coupling constant "J", classification of spin system like AB, AX, AX2, ABX, AMX, ABC, A2B2.	
	September	Spin decoupling, Factors affecting coupling constant, simplification of complex spectra, nuclear magnetic 4 double resonance, spin decoupling, contact shift reagents, solvent effects, nuclear overhauser effect (NOE), resonance of other nuclei like 31P, 19F.	
	October	¹³ C NMR spectroscopy (8 L) FT NMR, Types of ¹³ C NMR Spectra: un-decoupled, Proton decoupled, Off resonance, APT, INEPT, DEPT, chemical shift, calculations of chemical shifts of aliphatic, olefinic, alkyne, aromatic, hetero aromatic and carbonyl carbons, factors affecting chemical shifts, Homo nuclear (¹³ C- ¹³ C) and Hetero	

		nuclear (^{13}C - ^1H) coupling constants. 2D NMR Techniques (6 L) General idea about two-dimensional NMR spectroscopy, Correlation spectroscopy (COSY)- Homo COSY (^1H - ^1H), TOCSY, Hetero COSY (HMQC, HMBC), Homo and Hetero nuclear 2D resolved spectroscopy, NOESY and 2D-INADEQUATE experiments and their applications.	
	November	Mass Spectrometry (10 L) Instrumentation, various methods of ionization (field ionization, field desorption, SIMS, FAB, MALDI, Californium plasma), different detectors (magnetic analyzer, ion cyclotron analyzer, Quadrupole mass filter, time of flight (TOF). Rules of fragmentation of different functional groups, factors controlling fragmentation	



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L.V.H., Arts, Science and Commerce College Panchavati, Nashik

TEACHING PLAN

Academic Year: 2018-2019

Name of the Teacher: Miss -Salunke A.B

Department: Chemistry


Term: III

Class: M.Sc. II

Paper- CHO-352: Organic Stereochemistry

Sr.No.	Month	Topics (sub- topics)	Remarks
01	July and August	1. Stereochemistry of six membered rings 2. Stereochemistry of rings other than six membered	
	September	3. Fused Bridged and caged rings 4. Resolution of racemic modification	
	October	5. Geometrical Isomerism and Stereochemistry of olefins 6. CD and ORD	
	November	7. Determination of stereochemistry organic compounds using NMR.	


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L.V.H., Arts, Science and Commerce College Panchavati, Nashik

TEACHING PLAN

Academic Year: 2018-2019

Name of the Teacher: Miss T.R Khan

Department: Chemistry

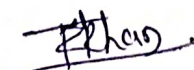
Term: I


Class: M.Sc. II

Paper- CHO-353: Photochemistry, Pericyclic Reactions and Heterocyclic Chemistry

Sr.No.	Month	Topics (sub-topics)	Remark
01	July and August	1. Photochemistry General basic principles, photochemistry of carbonyl compounds, alkenes, dienes, polyenes and aromatic compounds, photorearrangements, Barton reaction 2. Application of photochemical reactions in synthesis– Isocomene, Cedrene	
	September	2. Pericyclic reactions. Electrocyclic, cycloaddition, sigmatropic and ene reactions. 1,3-dipolar additions, Analysis by correlation diagrams, FMO approach and ATS concept. Application of pericyclic reactions.	
	October	3. Heterocyclic Chemistry a) Five and six membered heterocycles with one and two hetero atoms: Synthesis, reactivity, aromatic character and importance of following heterocyclic rings: Furan, Pyrrole, Thiophene, Pyrazole, Imidazole, Pyridine, Pyrimidine	
	November	b) Condensed five and six membered heterocycles: Benzofuran, Indole, Benzothiophene, Quinoline c) Condensed five membered heterocycles: Benzoxazole, Benzthiazole, Benzimidazole d) Five and six membered heterocycles with more than two hetero atoms: Synthesis, reactivity, aromatic character and importance of following heterocycles: 1,2,3-	

		heterocycles: 1,2,3-triazole, 1,2,4-triazole, 1,2,4-oxadiazole, 1,3,4-oxadiazole, 1,2,5-oxadiazole, tetrazole,	
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L.V.H., Arts, Science and Commerce College Panchvati, Nashik

TEACHING PLAN

Academic Year: 2018-2019

Name of the Teacher: Mr-S.L. Dhonnar

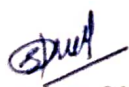
Department: Chemistry

Term:4-

Class: M.Sc. -II

Paper CHO-450 Chemistry of Natural Products

Sr.No.	Month	Topics (sub-topics)	Remark
01	July and August	1. Structure and stereochemistry of Hardwickiic acid, Camptothecin (8L) and podophyllotoxin.	
	September	2. Synthesis of i) Taxol ii) Estrone and Mifepristone iii) Juvabione (K.Mori and Matsui, Pawson and Cheung Synthesis) iv) Fredericamycin A	
	October	3. Biogenesis – The building blocks and construction mechanism of (24L) 1. Terpenoids – Mono, Sesqui, Di and Triterpenoids and cholesterol 2. Alkaloids derived from ornithine, lysine, nicotinic acid, tyrosine and tryptophan.	
	November	3. The shikimate pathway – cinnamic acids, lignans and lignin, coumarins, flavonoids and stilbens, isoflavanoids and terpenoid quinone	


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TEACHING PLAN

Academic Year: 2018-2019

Name of the Teacher: Miss Salunke A.B

Department: Chemistry


Term: 4


Class: M. Sc. II Organic Chemistry

Paper-CHO-451: Advanced Synthetic Organic Chemistry

Sr.No.	Month	Topics (sub-topics)	Remark
01	January	1. Transition metal complexes in organic synthesis ; only Pd, Ni, Co, Fe (Metal mediated C-C and C-X bond formation reactions: Suzuki, Heck, Sonogashira, Stille, Fukuyama, Kumada, Hiyama, Negishi, Buchwald-Hartwig, Noyori, Reppe, Oxo process 2. C=C formation reactions: Wittig, Horner-Wordworth-Emmons, Shapiro, Bamford-Stevens, McMurry, Julia-Lythgoe and Peterson olefination reactions, Titanium-carbene mediated olefination: Tebbe, Petasis and Nysted reagent	
	February	3. Multi-component reactions: Ugi, Passerini, Biginelli and Mannich reactions 4. Ring formation reactions: Pausan-Khand, Bergman and Nazarov cyclization	
	March	5. Click chemistry: criterion for click reaction, Sharpless azides cycloadditions 6. Metathesis: Grubbs 1st and 2nd generation catalyst, Olefin cross coupling (OCM), ring closing (RCM) and ring opening (ROM) metathesis, applications	
	April	7. Use of Boron and Silicon in organic synthesis	

		8. Other important reactions: Baylis Hilman, Eschenmoser-Tanabe fragmentation, Mitsunobu reaction	
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L.V.H., Arts, Science and Commerce College Panchvati, Nashik

TEACHING PLAN

Academic Year: 2018-2019

Name of the Teacher: Mr S.L.Dhonnar and Miss A.B.Salunke Department: Chemistry

Term: 4

Class: M.Sc II Organic Chemistry

Paper- CHO-452: Carbohydrate and Chiron approach, Chiral Drugs and Medicinal Chemistry

Sr.No.	Month	Topics (sub-topics)	Remarks
01	January	1. Carbohydrates Introduction of sugars, structures of triose, tetrose, pentose, hexose, stereochemistry and reactions of Glucose, conformation and anomeric effects in hexoses 2. Chiron approach a) Introduction b) The concept of chiral templates and chirons wherein the carbon skeleton is the chiral precursor, c) Utilisation of the basic concepts for retrosynthetic strategy and synthesis of the following – (S) Propanediol, (R) and (S) – Epichlorohydrin, L (+)-Alanine,	
	February	3. Chiral Drugs [12L] a) Introduction of chiral drugs, Eutomer, Distomer and eudesmic ratio, b) Distomers-a) with no side effects b) with undesirable side effects Synthesis and pharmacological activity of S-Ibuprofen, S-Metoprolol, Inivir sulfate, Dextropropoxyphen, (+) Ephedrine, Griseofulvin, R-Indacrinone, hydrochloride, S-Scaptopril	
	March	1. Medicinal Chemistry 1. Introduction to drugs, their action and discovery 2. Relation of Drug structure and its chemical and biological properties 3. Structure, activity and quantitative relationship 6. Drug targets	
	April	5. Antimicrobial drugs: Antibacterials: Discovery and development of Penicillins, Cephalosporins, Sulphones and sulphonamides, Tetracyclins, Macrolides, Polypeptides, Chloromycetin Antifungals: Fungal Diseases and	

Anti-fungal agents Antivirals: Viral diseases and Anti-viral drugs Anti-protozoals: Anti-malarials, Anti-amoebic

Teacher Sign



H.O.D

Head
Department of Chemistry
Loknete Varkhalekar Hiray
Arts, Sanskrit & Commerce College,
Panchavati, Nashik - 3.

M. G. Vidyamandir's
L.V.H., Arts, Science and Commerce College Panchvati, Nashik

TEACHING PLAN

Academic Year: 2018-2019

Name of the Teacher: Miss T.R. Khan

Department: Chemistry


Term: 4

Class: M.Sc II Organic Chemistry

Paper- CHO-453: Designing Organic Synthesis and Asymmetric Synthesis

Sr.No.	Month	Topics (sub-topics)	Remarks
01	January	Designing of organic synthesis: Protection and de-protection of hydroxyl, amino, carboxyl, ketone and aldehyde functions as illustrated in the synthesis of polypeptide and polynucleotide, enamines,	
	February	Umpolung in organic synthesis, Retrosynthesis	
	March	2. Principles and applications of asymmetric synthesis: stereoselectivity in cyclic compounds, enantio-selectivity, diastereo-selectivity, enantiomeric and diastereomeric excess, stereoselective aldol reactions. Cram's rule, Felkin-Anh rule, Cram's chelate model,	
	April	Asymmetric synthesis, use of chiral auxiliaries, chiral reagents and catalysts, asymmetric hydrogenation, asymmetric epoxidation and asymmetric dihydroxylation.	


Teacher Sign


H.O.D
Head
Department of Chemistry
L.V.H. Arts, Science and Commerce College,
Panchvati, Nashik - 422 005



Mahatma Gandhi Vidyamandir's,
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Panchavati, Nashik - 03

Teaching Plan

Department :-

Mathematics

Dr. Bhudane A.P.

Week :- from Date - 16/07/2018 to Date - 21/07/2018

Sr. No.	Class	Paper	Sr. No.	Topics
1	S.T. B.Sc.	Laplace Transformation	1	Laplace Transform of Derivative
			2	Some examples
			3	Derivative of Laplace Transform
			4	Example (multiplication by t^n)
2	T.Y. B.Sc.	Ordinary Differential Equations	1	L.D. Eq ^{ns} Auxiliary Eq ^{ns}
			2	Distinct Roots, Repeated roots
			3	Complex roots, Examples
			4	
3	T.Y. B.Sc.	Practical P-IX th	1	preliminary on practicals
			2	
			3	
			4	
4	M.Sc.	Topics in Analysis	1	Discussion about syllabi
			2	Seminar distribution
			3	—
			4	—
5			1	
			2	
			3	
			4	

Bhudane
Faculty

Bhudane
Department of Mathematics
L.V.H. Mahavidyalaya, Panchavati
Nashik - 422 003

Vice Principal

Principal



Mahatma Gandhi Vidyamandir's,

Loknete Vyankatrao Hiray Arts, Science & Commerce College,

Panchavati, Nashik - 03

Teaching Plan

Dr. Bhadane A.P.

Department :-

Mathematics

Week :- from Date 25/09/2017 to Date 30/09/2017.

Sr. No.	Class	Paper	Sr. No.	Topics
1	F.Y. B.Com	Business Mathematics and Statistics	1	Arithmetic mean, Computation of mean
			2	(Discrete freq ⁿ , Continuous freq ⁿ disp)
			3	Median, Computation of Ungrouped examples
			4	Examples
2	S.Y. B.Sc.	Laplace, Transform and Fourier series	1	Multiplication and division by s
			2	Convolution theorem.
			3	Examples
			4	Examples
3	T.Y. B.Sc.	Ordinary Differential Equations	1	power series (Introduction)
			2	solution of first order by series
			3	solutions, Examples
			4	Examples
4	M.Sc. II	Topics in Analysis I.	1	Introduction :- Hilbert Schmidt
			2	Method of Linear Integral, etc
			3	Examples
			4	Examples
5			1	
			2	
			3	
			4	

Dr. Bhadane
Faculty

Department of Mathematics
L.V.H. Mahavidyalaya, Panchavati
Nashik - 422 003

Dr. Bhadane
Head

Vice Principal

Principal
Loknete Vyankatrao Hiray
Arts, Science & Commerce College
Panchavati, Nashik.



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Panchavati, Nashik - 03

Teaching Plan

Department :- MATHEMATICS

Week :- from Date - 23/07/2018 to Date - 28/07/2018

Sr. No.	Class	Paper	Sr. No.	Topics
1	F.Y.B.Sc.	Calculus and Diff. Eq.	1	Absolute value with examples,
			2	triangle inequality and its
			3	Applications
			4	
2	S.Y.B.Sc.	Multivariable calculus - 2	1	clairaut's Th ^m with its applications
			2	to mixed order partial derivatives
			3	
			4	
3	T.Y.B.Sc.	Metric space	1	
			2	Neighbourhood, open nbd., closed nbd.,
			3	deleted nbd., open sets and
			4	closed sets
4	M.Sc. - 1	Real Analysis	1	
			2	Almost disjoint sets and Th ^m based
			3	on almost disjoint sets
			4	
5	F.Y.B.Sc./ S.Y.B.Sc.	Practical	1	
			2	
			3	
			4	

Manjandhar
Faculty

Head
Department of Mathematics
L.V.H. Mahavidyalaya, Panchavati
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Teaching Plan

Department :- Mathematics

MANJAREKAR S. D.

Week :- from Date - 25/09/2017 to Date - 29/09/2017

Sr. No.	Class	Paper	Sr. No.	Topics
1	T.Y.B.Sc.	Metric Space	1	Separable sets (Syllabus over)
			2	Internal Exam
			3	
			4	
2	T.Y.B.Sc.	Real Analysis-I	1	
			2	Problems (Remaining) related to
			3	Series [Syllabus Completed]
			4	Internal Exam
3	F.Y.B.Sc.	Calculus and Diff. Eq.	1	
			2	Problems based on increasing and
			3	decreasing functions.
			4	
4	S.Y.B.Sc.	Paper - T12	1	
			2	Application to the Lagrange's
			3	multiplier method and finding
			4	Approximate Value.
5	M.Sc. - T2	Functional Analysis	1	
			2	Introduction to Banach space
			3	and q^m related to it.
			4	

Manjarekar
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HOD
Department of Mathematics

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Loknete Vyankatrao Hiray Arts, Science & Commerce College,

Panchavati, Nashik - 03

Teaching Plan

Department :-

Zoology

Dr. Anita Pabil.

Week :- from Date 24/07/2017 to Date 24/07/2017

Sr. No.	Class	Paper	Sr. No.	Topics
1	M.Sc I	Zy 102 T	1	Introduction of student
			2	Introduction of syllabus.
			3	Introduction to cell types
			4	prokaryotic & Eukaryotic cell.
2			1	plant cell & animal cell.
			2	cell shape, cell size
			3	cell volume & cell Number.
			4	
3			1	
			2	
			3	
			4	
4			1	
			2	
			3	
			4	
5			1	
			2	
			3	
			4	

Appah
Faculty

Head
Department of Zoology
L.V.H. Mahavidyalay
Panchavati, Nashik-3

Head
Vice-Principal

Principal

Faculty

Head
Department of Zoology
L.V.H. Mahavidyalay

Vice Principal

Principal



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Loknete Vyankatrao Hiray Arts, Science & Commerce College,
Panchavati, Nashik - 03

Teaching Plan

M.s. Sangeeta R. Nanwade

Department :- Zoology

Week :- from Date 05/07/2017 to Date 15/07/2017

Sr. No.	Class	Paper	Sr. No.	Topics
1	M.Sc. II		1	Discussion of Syllabus
			2	Paperwise.
			3	Counselling of students.
			4	
2	M.Sc. II		1	Assessment of Admission
			2	Process.
			3	
			4	
3	M.Sc. II		1	Introduction to different
			2	fields / Areas related with
			3	Zoology.
			4	
4	M.Sc. II	ZyT 306	1	Introduction to Parasitology
			2	Parasite - Host Relation,
			3	Parasitism, Different types
			4	of Vectors, Parasites, host
5			1	
			2	
			3	
			4	

S. Nanwade
Faculty

S. Nanwade
Head of Department
Department of Zoology
L.V.H. Mahavidyalaya
Panchavati, Nashik-3

Kul
Vice Principal

[Signature]
Principal



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Panchavati, Nashik - 03

Teaching Plan

Department :- ZOOLOGY Dr. R.S. Bhadane.

Week :- from Date 24/7/2017 to Date 29/7/2017

Sr. No.	Class	Paper	Sr. No.	Topics
1	M.Sc. I	Genetics	1	Introduction to Genetics.
			2	Definition & Terminology.
			3	Mendel's laws of Heredity
			4	Homologous, Phenotype,
2			1	Genotype, Mono & Di-
			2	hybrid, Recollection of
			3	Mendelian Principles.
			4	
3	M.Sc. II	Parasitology	1	Introduction & discussion
			2	of the syllabus.
			3	Definitions of various
			4	terms - Host, Parasite.
4			1	Vector, Symbiosis,
			2	Mutualism, Commensalism
			3	etc.
			4	
5			1	
			2	
			3	
			4	

R.S. Bhadane
Faculty

R.S. Bhadane
HOD
Department of Zoology
L.V.H. Mahavidyalay
Panchavati, Nashik

Y. S. Kulkarni
Vice Principal

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Principal

S.P. Narayan
Faculty

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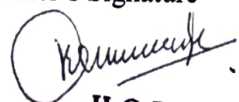
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Vice Principal

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Principal

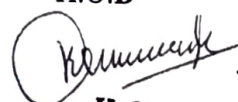
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LOKNETE VYANKTRAO HIRAY ART'S SCIENCE AND COMMERCE COLLEGE
PANCHAVATI, NASHIK-03
Department of Political Science
CLASS-FYBA TEACHING PLAN (2017-18)
SUBJECT- INDIAN GOVERNMENT AND POLITICS - 1167 (G-1) TERM-I
NAME OF THE TEACHER :- PROF K.N.WAGH

Sr. No	Month	Topic	Topics & Subtopics	No. of Periods
1	July	<u>UNIT-I: -</u> Background and the Salient Features of Indian Constitution	a) Formation of Constituent Assembly b) Philosophy of the Preamble for Indian Constitution c) Major Features: Parliamentary Democracy, Federalism, Independent Judiciary –Social Justice and Social Transformation	12
2	August	<u>UNIT-II: -</u> Fundamental Rights, Duties and the Directive Principles of State	a) Nature of Fundamental Rights –Major Fundamental Rights-Right to Equality, Right to Liberty, Right to Freedom of Religion, Cultural and Educational Rights b) Importance of Fundamental Duties c) Nature and Significance of Directive Principles of State Policy	12
3	Sept.	<u>UNIT-III: -</u> Federalism	a) Salient Features of Indian Federalism b) Centre –State Relations 12 c) Issues of Conflict-Water Issue, Border Issue and Sharing of Resources	12
4	Oct.	<u>UNIT-IV:-</u> Structure of Union Government -Legislature- Executive – Judiciary	a) Union Legislature - Structure-Powers and Role b) Union Executive-President, Prime Minister and his Cabinet- 12 Role and Functions c) Judiciary- Nature of Judiciary, Supreme Court-Powers and Functions	12

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TEACHING PLAN (2017-18)

SUBJECT- **INDIAN GOVERNMENT AND POLITICS - 1167 (G-1) TERM-II**

NAME OF THE TEACHER :- **PROF K.N.WAGH**

Sr. No	Month	Topic	Topics & Subtopics	No. of Periods
5	Dec.	<u>UNIT-V</u> : - Structure of State Government -Legislature- Executive – Judiciary	a) State Legislature - Structure-Powers and Role 12 b) State Executive-Governor , Chief Minister and his Cabinet- Role and Functions c) Judiciary- Nature of Judiciary, High Court-Powers and Functions	12
6	Jan.	<u>UNIT-VI</u> : - Party System and Elections	a) Nature and Changing Pattern of Party System b) Elections- Election Commission :-Major Features of Electoral System and Patterns Of Voting Behavior 12 c) Rise and Role of Regional Parties	12
7	Feb.	<u>UNIT-VII</u> : - Role of Caste and Religion in Indian Politics	a) Caste and Politics of Identity b) Rise of OBCs 12 c) Religion and Politics of Communalism	12
8	Mar.	<u>UNIT-VIII</u> : - Issues of Regionalism and Development	a) Causes and Patterns of Regionalism b) Issues of Development-Uneven Development-Leading to Regional Imbalance-Poverty Eradication, Health and Education	12

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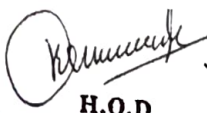
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PANCHAVATI, NASHIK-03
Department of Political Science
CLASS-SYBA TEACHING PLAN (2017-18)
SUBJECT- POLITICAL THEORY AND CONCEPT - 2167 (G-2) TERM- I
NAME OF THE TEACHER :- PROF K. WAGH

Sr. No	Month	Topic	Topics & Subtopics	No. of Periods
1	July	<u>UNIT-I:</u> - Introducing Political Theory	a) Definition Nature and Scope of Political Theory b) Tradition of Political Theory : Liberal and Conservative	12
2	August	<u>UNIT-II:</u> - State	a) Definition Meaning and Elements of State b) Perspective of State Liberal, Marxist	12
3	Sept.	<u>UNIT-III:</u> - Power and Authority	a) Concept of Power, Power as Exploitation, Authority, Hegemony, Foucault of Power b) Authority: Meaning Nature & Its Forms	12
4	Oct.	<u>UNIT-IV:-</u> Rights and Justice	a) Meaning Nature & Kinds of Rights b) Dimensions of Justice (Social Economic Political)	12

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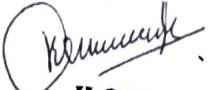
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CLASS-SYBA TEACHING PLAN (2017-18)
SUBJECT- **POLITICAL THEORY AND CONCEPT** - 2167 (G-2) TERM- II
NAME OF THE TEACHER :- **PROF K.N.WAGH**

Sr. No	Month	Topic	Topics & Subtopics	No. of Periods
5	Dec.	<u>UNIT-V</u> : - Liberty and Equality	a) Liberty : Meaning Nature & Classification : Negative and Positive b) Equality : Meaning Nature Types of Equality Equality of opportunity, Political Equality, Affirmative Action	12
6	Jan.	<u>UNIT-VI</u> : - Democracy	a) Concept of Democracy, direct participatory & Liberal Democracy b) Perspective of Democracy	12
7	Feb.	<u>UNIT-VII</u> : - Sovereignty	a) Meaning and characteristics of Sovereignty b) Theory of popular Sovereignty	12
8	Mar.	<u>UNIT-VIII</u> : - Globalization	a) Definition Meaning of Globalization b) Impact of Globalization	12

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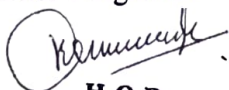
TEACHING PLAN (2017-18)

SUBJECT- **POLITICAL IDEOLOGIES** - 3167 (G-3) TERM-I

NAME OF THE TEACHER :- **PROF K.N.WAGH**

Sr. No	Month	Topic	Topics & Subtopics	No. of Periods
1	July	<u>UNIT-I</u> : - Ideology	a) Origin, Meaning, Definition b) Nature and Scope	8
2	August	<u>UNIT-II</u> : - Nationalism	a) Meaning, Definitions and Elements b) Progressive and Reactionary c) Internationalism	14
3	Sept.	<u>UNIT-III</u> : - Democratic Socialism	a) Meaning, Nature and Features b) Achievements and Limitations c) Types : Fabianism, Syndicalism, Guild Socialism	14
4	Oct.	<u>UNIT-IV</u> : - Fascism	a) Factors responsible for the rise of Fascism b) Principles c) Corporate State	12

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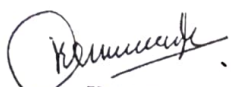
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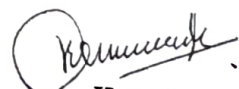
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TEACHING PLAN (2017-18)
SUBJECT- **POLITICAL IDEOLOGIES** - 3167 (G-3) TERM-II
NAME OF THE TEACHER :- **PROF K.N.WAGH**

Sr. No	Month	Topic	Topics & Subtopics	No. of Periods
5	Dec.	<u>UNIT-V</u> : - Marxism	a) Historical Materialism b) Theory of Surplus Value c) Marxian State	12
6	Jan.	<u>UNIT-VI</u> : - Phule, Ambedkarism	a) Equality b) Religion c) Democracy	12
7	Feb.	<u>UNIT-VII</u> : - Gandhism	a) Truth and Non-Violence b) Theory of Satyagraha c) Gram Swaraj	12
8	Mar.	<u>UNIT-VIII</u> : - Feminism	a) Meaning and Nature b) Liberal Feminism c) Feminism in India : Caste, Patriarchy, d) Women's Representation	12

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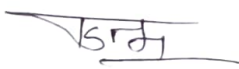
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Department of Political Science
CLASS- SYBA
TEACHING PLAN (2017-18)
SUBJECT- WESTERN POLITICAL THOUGHT - 2167 (S-1) TERM-I
NAME OF THE TEACHER :- PROF K.D.NIKAM

Sr. No	Month	Topic	Topics & Subtopics	No. of Periods
1	July	UNIT I : Plato	A) Ideal State And Philosopher King b) Views on Education c) Views on Justice And Communism	12
2	August	UNIT II : Aristotle	A) Views on State b) Views on Poverty, Views on Slavery c) Views on Revolution	12
3	Sept.	UNIT III : Machiavelli	A) Views on Human Nature b) Views on Religion And Morality c) Theory of Statecraft	12
4	Oct.	UNIT IV : J.S. Mil	A) Views on Utilitarianism b) Views on Liberty c) Views on Representative Government And State	12


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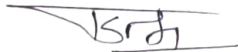
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TEACHING PLAN (2017-18)

SUBJECT- **WESTERN POLITICAL THOUGHT** - 2167 (S-1) TERM-II

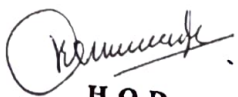
NAME OF THE TEACHER :- **PROF K.D.NIKAM**

Sr. No	Month	Topic	Topics & Subtopics	No. of Periods
5	Dec.	UNIT V : Karl Marx	a) Historical Materialism b) Theory of Class And Struggle c) Theory of State And Revolution	12
6	Jan.	UNIT VI : Thomas Hobbes	a) State of Nature b) Views on Human Nature c) Theory of Social Contract	12
7	Feb.	UNIT VII : John Locke	a) Theory of Social Contract b) Views on Natural Right c) Views on Civil Society And State	12
8	Mar.	UNIT VIII : Roussen	a) State of Nature And Views on Human Nature b) Theory of General Will c) Theory of Social Contract	12



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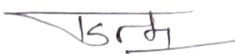
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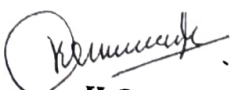
Department of Political Science

CLASS- SYBA
TEACHING PLAN (2017-18)
SUBJECT- **POLITICAL SOCIOLOGY** - 2169 (S-2) TERM-I
NAME OF THE TEACHER :- **PROF K.D.NIKAM**

Sr. No	Month	Topic	Topics & Subtopics	No. of Periods
1	July	UNIT I : Definition, Nature And Scope of Political Sociology	a) Definition, Nature And Scope of Political Sociology	12
2	August	UNIT II : Intellectual Foundation of Political Sociology	a) Marx b) Max Weber c) Behavioral Approach	12
3	Sept.	UNIT III : Political Culture	a) Meaning And Nature of Political Culture b) Types of Political Culture	12
4	Oct.	UNIT IV : Political Socialization	a) Process And Agencies of Socialization	12

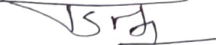

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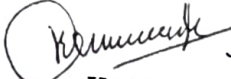
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Department of Political Science
CLASS- SYBA **TEACHING PLAN (2017-18)**
SUBJECT- POLITICAL SOCIOLOGY - 2169 (S-2) TERM-II
NAME OF THE TEACHER :- PROF K.D.NIKAM

Sr. No	Month	Topic	Topics & Subtopics	No. of Periods
5	Dec.	UNIT V : Political Ideology	a) Meaning And Nature of Political Ideology	12
6	Jan.	UNIT VI : Political Participation	a) Meaning And Nature of Political Participation b) Levels of Participation c) Agencies of Recruitments	12
7	Feb.	UNIT VII ; Legitimacy And Influence	a) Meaning and Nature of Legitimacy And Influence b) Types of Legitimacy And Influence	12
8	Mar.	UNIT VIII : Political Change, Political Development	a) Meaning and Nature of Political Change, Political Development b) Types of Political Change And Political Development c) Concept of Political Development	12


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TEACHING PLAN (2017-18)

SUBJECT- **PUBLIC ADMINISTRATION** - 3168 (S-3) TERM-II


NAME OF THE TEACHER :- **PROF K.D.NIKAM**

Sr. No	Month	Topic	Topics & Subtopics	No. of Periods
5	Dec.	UNIT-V:- Bureaucracy	a) Meaning and Definitions of Bureaucracy b) Administrative Reforms	12
6	Jan.	UNIT-VI: - Personnel Administration	a) Recruitment b) Training c) Promotion	12
7	Feb.	UNIT-VII: - Budget	a) Meaning and types of Budget b) Budgetary Process in India	12
8	Mar.	UNIT-VIII: - Accountability and Control	a) Administrative Accountability b) Legislative Control c) Judicial Control	12



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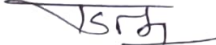
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TEACHING PLAN (2017-18)


SUBJECT- **INTERNATIONAL POLITICS - 3169 (S-4) TERM-I**

NAME OF THE TEACHER :- **PROF K.D.NIKAM**

Sr. No	Month	Topic	Topics & Subtopics	No. of Periods
1	July	UNIT I : International Politics	A) Nature and Scope of International Politics b) Theories of Idealism and Realism	12
2	August	UNIT II : Approaches to the Study of International Relations	a) Power Approach b) Decision Making Approach c) System Approach	12
3	Sept.	UNIT III : Power	a) Meaning of Power b) Elements of Power c) Changing Nature of the National Power	12
4	Oct.	UNIT IV : Balance of Power	a) Meaning and Nature of Balance of Power b) Characteristics of Balance of Power c) Changing Nature of the Balance of Power	12


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TEACHING PLAN (2017-18)


SUBJECT- **INTERNATIONAL POLITICS** - 3169 (S-4) TERM-II

NAME OF THE TEACHER :- **PROF K.D.NIKAM**

Sr. No	Month	Topic	Topics & Subtopics	No. of Periods
5	Dec.	UNIT V : Security	a) Meaning and definition of Security b) Regional Security c) Collective Security	12
6	Jan.	UNIT VI : Diplomacy	a) Meaning of Diplomacy b) Types of Diplomacy c) Challenges To Diplomacy	12
7	Feb.	UNIT VII : Disarmament	a) Meaning and Nature of Disarmament b) Types of Disarmament c) Issues and Challenges	12
8	Mar.	UNIT VIII : Issues in International Politics	a) Human Rights –Its variations and Measures b) Terrorism – Causes and Consciousness	12


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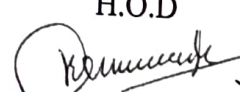
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TEACHING PLAN (2017-18)

CLASS-TYBA
 SUBJECT- **PUBLIC ADMINISTRATION - 3168 (S-3) TERM-I**
 NAME OF THE TEACHER :- **PROF K.D.NIKAM**

Sr. No	Month	Topic	Topics & Subtopics	No. of Periods
1	July	UNIT-I: - Public Administration	Public Administration a) Meaning of Public Administration b) Nature of Public Administration c) Scope and Significance of Public Administration	12
2	August	UNIT-II: - New Public Administration	a) Evolution of New Public Administration b) Salient Features of New Public Administration c) Goals of New Public Administration	12
3	Sept.	UNIT_III:- Approaches to Public Administration.	a) Traditional Approach b) Behavioral Approach c) System Approach	12
4	Oct.	UNIT-IV: - Governance	UNIT-IV: - Governance 12 a) Idea of Good Governance b) E-Governance c) Public Private Partnership	12


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