

Pimpalner Education Society's

**Karm. A. M. Patil Arts, Commerce & Kai. Annasaheb
N. K. Patil Science Senior College Pimpalner, Tal.- Sakri,
Dist.- Dhule.**



NAAC Reaccredited 'B' Grade

TEACHER'S DIARY

ACADEMIC YEAR : 2022 - 2023

Name : Prof. K. D. Kadam

Designation : Associate Professor

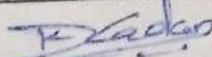
Department : Mathematics

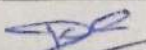


TEACHING PLAN

Class : FYBSc Sem.: 1 Subject : Matrix Algebra Paper Code.: MTH-105

Sr. No.	Month	Topics/Practical's
1.	Aug. 2022	Unit-1: Adjoint and Inverse of a Matrix. Elementary Operations on matrices, Adjoint of a matrix Inverse of matrix Existence, uniqueness Properties of inverse of a matrix.
2.	Sep. 2022	Unit-2: Rank of a Matrix Elementary matrix Rank and Normal form of a matrix, Reduction of matrix to its normal form Rank of product of two matrices
3.	Oct. 2022	Unit-3: System of Linear Equations and Eigen Values A homogeneous system of linear equations A non-homogeneous system of linear equations Consistency of system of linear equations Application of matrices to solve the system of linear equations. Eigen Values, Eigen Vectors, characteristic equation of a matrix. Cayley Hamilton Theorem. Use of Cayley Hamilton Theorem to find inverse of a matrix.
4.	Nov. 2022	Unit-4: Orthogonal Matrices and Quadratic forms. Orthogonal Matrices, Properties of orthogonal matrices, Quadratic forms Matrix Representation of a Quadratic form. Elementary Congruent Transformations. Diagonal form of a quadratic form Canonical forms.
5.	Dec 2022	Revision / Test / Tutorial / Seminar / Internal Exam.



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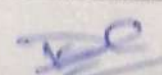

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TEACHING PLAN

Class: FYBSc Sem: 1 Subject: Calculus of Single Variable Paper Code: 19313-102

Sr. No.	Month	Topics/Practical's
1.	Aug-2022	Unit 1: Limits and Continuity ϵ - δ definition of limit of a function, Basic properties of limit Indeterminate form, L'Hospital's rule, Examples of limit Continuous function & its properties on closed & bounded interval. i) Boundedness, ii) Attains its limits, iii) Intermediate mean value theorem iv) Uniform Continuity.
2.	Sept-2022	Unit 2: Mean Value Theorem Differentiability, Definition of derivative, Theorem on continuity and examples Rolle's Theorem, Lagrange's Mean Value Theorem Cauchy's Mean Value Theorem, Geometrical Interpretation and application. Increasing and decreasing function.
3.	Oct-2022	Unit 3: Successive Differentiation The n^{th} derivative of some standard functions e^{ax+b} , x^n , $(\cos x)^m$, $\frac{1}{\sin x}$, $\log(ax+b)$, $\sin(ax+b)$, $\cos(ax+b)$, $e^{ax} \cos(bx+c)$, $e^{ax} \sin(bx+c)$ Leibnitz's Theorem and examples on it.
4.	Nov-2022	Unit 4: Application of Differential Calculus Taylor's Theorem with Lagrange's form of remainder and related examples. Maclaurin's Theorem with Lagrange's form of remainder and related examples. $\int_0^{\pi} \sin^m x dx$, $\int_0^{\pi/2} \cos^m x dx$ Reduction formulae for $\int \sin^m x dx$, $\int \cos^m x dx$, $\int \sin^m x \cos^n x dx$ & $\int \frac{\sin x}{\cos x} dx$ and examples on it.
5.	Dec-2022	Revision/Test/Quiz/ Internal exam.



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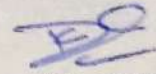

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TEACHING PLAN

Class: FTBSc Sem.: I Subject: Discrete Mathematics Paper Code.: MTM-13301

Sr. No.	Month	Topics/Practical's
1	Aug. 2022	Unit-1: Relations 1.1: Definition of Sets. 1.2: Cartesian Product of Two Sets. 1.3: Relation: Domain and Range of Relation 1.4: Inverse Relation. 1.5: Reflexive, Symmetric, Anti-symmetric, Transitive relations, Equivalence relation. 1.6: Equivalence classes
2	Sept 2022	Unit-2: Coding Theory 2.1: Weight of code, Hamming Distance, Message 2.2: Encoding Function, Detection of X or fewer Error, Parity Check Code 2.3: Minimum Distance of Encoding Function. 2.4: Parity Check Matrix. 2.5: Decoding Function, Maximum Likelihood Decoding Function.
3	Oct. 2022	Unit-3: Mathematical Logic. 3.1: Statement. 3.2: Logical Connectives: Conditional, Bi-conditional, Converse, Inverse, Contrapositive. 3.3: Tautology, Contradiction, Satisfiable. 3.4: Duality Law. 3.5: Algebra of Proposition 3.6: Exclusive OR, NAND, NOR.
4	Nov. 2022	Unit-4: Boolean Algebra 4.1: Gates: NOT, AND, OR, NOR, NAND, XOR, XNOR 4.2: Combinatorial Circuit. 4.3: Boolean Expression 4.4: Equivalence Combinatorial Circuits 4.5: Boolean Algebra
5	Dec. 2022	Revision / Test / Tutorial / Seminars / Internal Exam

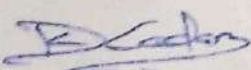

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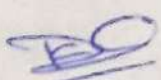

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TEACHING PLAN

Class : 57852 Sem.: II Subject : Calculus of several Variables Paper Code. : 15711-201

Sr. No.	Month	Topics/Practical's
1.	Aug-2022	Unit-1: Functions of Two and Three Variables 1.1: Explicit and Implicit Functions 1.2: Continuity 1.3: Partial Derivatives 1.4: Differentiability 1.5: Necessary and Sufficient Conditions for Differentiability 1.6: Partial Derivatives of Higher Order 1.7: Schwarz's Theorem. 1.8: Taylor's Theorem.
2.	Sept-2022	Unit-2: Jacobian, Composite Functions & Mean Value Theorem 2.1: Jacobian of Two and Three Variable 2.2: Composite Functions; Chain Rule 2.3: Homogeneous functions 2.4: Euler's Theorem. 2.5: Mean Value Theorem for function of Two Variables
3.	Oct-2022	Unit-3: Taylor's Theorem and Extreme Values 3.1: Taylor's Theorem for function of two variables. 3.2: MacLaurin's Theorem for function of two variables 3.3: Absolute and Relative maxima and minima 3.4: Necessary Condition for Extrema 3.5: Critical Point, Saddle Point 3.6: Sufficient condition for Extrema
4.	Nov-2022	Unit-4: Double and Triple Integrals 4.1: Double Integrals by Using Cartesian and Polar Coordinates. 4.2: Change of Order of Integration 4.3: Area by Double Integral. 4.4: Evaluation of Triple Integral as Repeated Integral 4.5: Volume by Triple Integral.
5.	Dec-2022	Revision/ Test/ Tutorial/ Seminar/ Internal Exam



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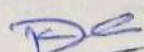

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TEACHING PLAN

Class : TTBSc Sem.: IV Subject : Mathematical Physics Paper Code. : PH-9-507

Sr. No.	Month	Topics/Practical's
1.	Aug. 2022	<p>Unit-1: Vector Analysis.</p> <p>Gauss Divergence Theorem, Stoke's Theorem, Green's Theorem in the plane, Green's first and second theorem</p>
		<p>Unit-2: Differential Equation.</p> <p>Introduction to Cartesian (x, y, z), Spherical polar (r, θ, ϕ), and cylindrical (ρ, ϕ, z) coordinate systems and their transformation equations, degree, order, linearity and homogeneity of partial differential equation.</p>
2.	Sep. 2022	<p>Method of separation of variables in Cartesian, Spherical Polar and Cylindrical coordinate system.</p> <p>Wave eqⁿ and Laplace's eqⁿ.</p> <p>Singular points of Legendre and Hermite diff. eqⁿ, statement of Fuchs's theorem, Frobenius method of series solution, series solution of linear S.H. and Legendre diff. eqⁿ.</p>
		<p>Unit-3: Special Functions.</p> <p>Generating functions for Legendre Polynomial $P_n(x)$, Hermite Polynomial $H_n(x)$, and Bessel functions of first kind $J_n(x)$. Proof of following Recurrence</p>
3.	Oct. 2022	<p>1) $(n+1)P_{n+1}(x) = (2n+1)xP_n(x) - nP_{n-1}(x)$</p> <p>2) $P_n'(x) = P_{n+1}'(x) - 2xP_n'(x) + P_{n-1}'(x)$</p> <p>3) $H_{n+1}(x) = 2xH_n(x) - 2nH_{n-1}(x)$, 4) $H_n'(x) = 2nH_{n-1}(x)$</p> <p>5) $J_{n+1}(x) + J_{n-1}(x) = 2J_n(x)$, 6) $J_{n+1}(x) - J_{n-1}(x) = 2J_n'(x)$</p>
		<p>Unit-4: Complex Analysis.</p> <p>Complex no. & their graphical representation, Argand diagram, Conjugate of a complex no. Basic operations, Euler's formulae, De Moivre's theorem, Roots of complex number, Functions of complex numbers, Analyticity, C-R. eq^{ns}, Single valued functions, examples.</p>
4.	Nov. 2022	<p>Unit-5: Special Theory of Relativity</p> <p>Newtonian relativity, absolute space, Galilean transformation, Michelson-Morley experiment.</p> <p>Postulates of special theory of relativity, Lorentz transformation eq^{ns}, length contraction, time dilation, relativity of simultaneity, variation of mass with velocity, addition of velocities, mass-energy relation, energy momentum relation.</p>

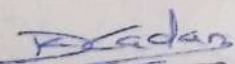

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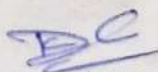
TEACHING PLAN

Class : FYBSc Sem. : II Subject : Ordinary Diff. Eqⁿ Paper Code. : MSTT-201

Sr. No.	Month	Topics/Practical's
1.	Jan 2023	Unit-1 : Differential Equations of First Order & First Degree a) Partial Derivatives of First Order. b) Exact differential equations, condition for exactness c) Integrating factor - d) Rules for finding Integrating factors e) Linear Differential Equations f) Bernoulli's Equation, Equation reducible to linear form
2.	Feb. 2023	Unit-2 : Differential Equations of First Order & Higher Degree a) Differential Equations of First Order & Higher Degree b) Equation solvable for p . c) Equation solvable for y . d) Equation solvable for x . e) Clairaut's form.
3.	Mar-2023	Unit-3: Linear Differential Equations with Constant coefficients a) Linear Differential Equation with constant coefficients b) Complementary functions c) Particular integrals of $f(D)y = X$, where $X = e^{ax} \cos(ax)$, $\sin(ax)$, x^n , $e^{ax}y$, x^2y with usual notations.
4.	April 2023	Unit-4: Homogeneous Linear Differential Equations a) Homogeneous linear differential equations (Cauchy's differential equation) b) Examples on Homogeneous linear diff. eq ⁿ c) Equation reducible to homogeneous linear diff. eq ⁿ (Legendre's equations) d) Examples of Equation reducible to homogeneous linear diff. eq ⁿ .
		Revision / Test / Practical / Internal Exam.



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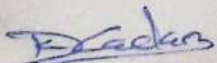



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TEACHING PLAN

Class : FYBSc Sem.: II Subject : Theory of Equations Paper Code. : MTH-202

Sr. No.	Month	Topics/Practical's
1	Jan. 2023	<p>Unit-1: Divisibility of Integers</p> <p>Number system, Well ordering Principle</p> <p>Principle of mathematical Induction.</p> <p>Divisibility of Integers and theorems.</p> <p>Division Algorithm,</p> <p>GCD and LCM.</p> <p>Euclidean Algorithm</p> <p>Unique factorization theorem.</p>
2	Feb. 2023	<p>Unit-2: Polynomials</p> <p>Revision of Polynomials.</p> <p>Horner's method of synthetic division,</p> <p>Existence and uniqueness of GCD of two polynomials.</p> <p>Polynomial equations, Factor Theorem and generalised factor theorem for polynomials.</p> <p>Fundamental theorem of algebra,</p> <p>Methods to find common roots of polynomials eq^n.</p> <p>Descartes's rule of signs,</p> <p>Newton's method of divisors for the integral roots</p>
3	Mar. 2023	<p>Unit-3: Theory of Equations-I</p> <p>Relation between roots and coefficients of general polynomial eq^n in one variable.</p> <p>Relation between roots and coefficients of quadratic, cubic and biquadratic eq^n.</p> <p>Symmetric functions of roots,</p>
4	Apr. 2023	<p>Unit-4: Theory of Equations-II</p> <p>Transformation of equations</p> <p>Cardan's method of solving cubic equations</p> <p>Biquadratic equation, Descartes's method of solving biquadratic eq^4.</p> <p>Revision / Test / Tutorial / Internal Exam.</p>

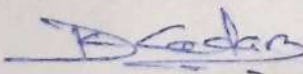

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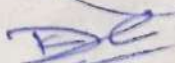

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TEACHING PLAN

Class : F7B5c Sem.: II Subject : Numerical Methods Paper Code. : MTH-203(A)

Sr. No.	Month	Topics/Practical's
1.	Jan. 2023	Unit-1: Solutions of Algebraic and Transcendental Equations 1.1: Errors and their computation. 1.2: Absolute error, Relative error, Percentage error, Absolute accuracy, Relative accuracy. 1.3: The Bisection Method 1.4: The Iteration Method 1.5: The Method of False Position 1.6: Newton-Raphson Method.
2.	Feb. 2023	Unit-2: Interpolation, 2.1: Differences, 2.2: Symbolic relations and separation of symbols 2.3: Gauss's forward central difference formula 2.4: Gauss's backward central difference formula 2.5: Interpolation with unevenly spaced points Lagrange's interpolation formula.
3.	Mar. 2023	Unit-3: Curve Fitting 3.1: Least Squares Curve fitting procedure 3.2: Fitting of st. line $y = a + bx$ 3.3: Non-linear curve fitting: Power fun. $y = a^x$ 3.4: Fitting of Polynomial of Degree Two $y = a + bx + cx^2$ 3.5: Fitting of Exponential function $y = ae^{bx}$.
4.	April-2023	Unit-4: Numerical solutions of Ordinary Diff. Eq ⁿ 4.1: Taylor's series 4.2: Euler's Method 4.3: Modified Euler's Method 4.4: Runge Kutta Second Order Formula 4.5: Runge Kutta fourth Order Formula Revision (Test) / Retrial / Internal Exam

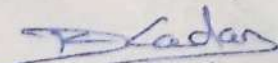

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TEACHING PLAN

Class : SYBSc Sem. : IV Subject : Complex Variables Paper Code. : MTHS-401

Sr. No.	Month	Topics/Practical's
1.	Jan. 2023	Unit-1: Complex Numbers 1.1: Complex no. modulus & amplitude, polar form. 1.2: Triangle inequality and Argand's diagram. 1.3: De Moivre's Theorem for rational indices & applications. 1.4: n^{th} root of complex number. 1.5: Elementary functions: Trigonometric Functions, Hyperbolic Functions of a complex variable.
2.	Feb. 2023	Unit-2: Functions of Complex Variables 2.1: Limits, Continuity and Derivative. 2.2: Analytic Function: Necessary & Sufficient condition for analytic functions. 2.3: Cauchy Riemann Equations 2.4: Laplace Equations and Harmonic Functions 2.5: Construction of an analytic functions.
3.	Mar. 2023	Unit-3: Complex Integrations 3.1: Line Integral and theorems on it. 3.2: Cauchy-Goursat Theorem. 3.3: Cauchy's Integral Formulae for $f(z)$, $f'(z)$ & $f^{(n)}(z)$ 3.4: Taylor's and Laurent's series
4.	April-2023	Unit-4: Calculus of Residues 4.1: Zeros and Poles of a function. 4.2: Residue of a pole. 4.3: Cauchy's Residue Theorem. 4.4: Evaluation of Integrals by using Cauchy's Residue Theorem. 4.5: Contour Integration of the type $\int_{\gamma} f(z) dz$, $\int_{-\infty}^{\infty} f(x) dx$ and $\int_{-\infty}^{\infty} f(x) dx$.
		Revision / Test / Tutorial / Internal Exam.



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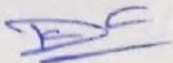

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TEACHING PLAN

Class : SYBSc Sem.: IV Subject : Differential Equations Paper Code. : MTTF-402(A)

Sr. No.	Month	Topics/Practical's
1.	Jan-2023	Unit-1: Theory of Ordinary Differential Equations 1.1: Lipschitz Condition. 1.2: Existence and Uniqueness Theorem 1.3: Linearly dependent and independent solutions. 1.4: Wronskian. 1.5: Linear combination of solutions.
2.	Feb-2023	1.6: Theorems on i) Linear combination of solutions ii) Linearly independent solutions. 1.7: Method of Variation of Parameters for second order linear diff. eq ^{ns} Unit-2: Simultaneous Differential Equations. 2.1: Simultaneous Diff. Eq ^{ns} of first order 2.2: Simultaneous Diff Eq ^{ns} of the form $\frac{dx}{p} - \frac{dy}{q} = \frac{dz}{r}$ 2.3: Rule-I: Method of combinations 2.4: Rule-II: Method of multipliers 2.5: Rule-III: Properties of Ratios. 2.6: Rule-IV: Miscellaneous
3.	Mar-2023	Unit-3: Total Differential Equations or Pfaffian Differential Equations. 3.1: Pfaffian differential equation 3.2: Necessary & sufficient condition for Integrability 3.3: Conditions for exactness 3.4: Method of solution by inspection. 3.5: Solution of Homogeneous Equations
4.	April-2023	Unit-4: Difference Equations 4.1: Order & Degree of Difference Equation 4.2: Solution to difference eq ^{ns} and formation of difference equation 4.3: Linear difference eq ^{ns} Linear homogeneous difference eq ^{ns} with constant coefficients 4.4: Non-homogeneous linear difference equations with constant coefficients. Revision / Test / Tutorial / Internal Exam

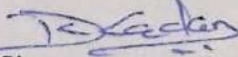

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TEACHING PLAN

Class : FYB Com Sem. II Subject : Quantitative Techniques Paper Code. : 205

Sr. No.	Month	Topics/Practical's
1.	Jan. 2023	<p><u>Unit-1: Commercial Arithmetic.</u></p> <p>a) Calculation of Simple Interest, Compound Interest & EMI.</p> <p>b) Meaning of an Annuity.</p> <p>c) Types of an Annuity: Annuity due, annuity regular.</p> <p>d) Present Value & Future Value of an annuity.</p> <p>e) Sinking fund.</p> <p>f) Numerical problems.</p>
2.	Feb 2023	<p><u>Unit-2: Mathematical Logic.</u></p> <p>a) Meaning of statement, Truth value of statement.</p> <p>b) Elementary and compound statements.</p> <p>c) Law of excluded middle.</p> <p>d) Negation, Conjunction, Disjunction Implication & Double implication.</p> <p>e) Construction of Truth Table.</p> <p>f) Equivalence of logical statements.</p> <p><u>Unit-3: Permutation and Combination</u></p> <p>a) Meaning of Permutation and Combination.</p> <p>b) Fundamental Principle of Counting.</p> <p>c) Factorial of a number & its properties.</p> <p>d) Formulae for permutation.</p> <p>e) Formulae for Combination.</p> <p>f) Simple numerical problems from real life situations.</p>
3.	Mar. 2023	<p><u>Unit-4: Introduction to Statistics</u></p> <p>a) Meaning of statistics.</p> <p>b) Applications of statistics in Business, Commerce & Mgt.</p> <p>c) Limitations of statistics.</p> <p>d) Population, sample, census, sampling.</p> <p>e) Data, raw data, primary data, secondary data.</p> <p>f) Variable, Discrete variable, Continuous variable, Attribute.</p> <p>g) Classification and Tabulation of Data.</p> <p><u>Unit-5: Measures of Central Tendency</u></p> <p>a) Meaning & Measures of Central Tendency.</p>
4.	April 2023	<p>b) Arithmetic mean, weighted arithmetic mean.</p> <p>c) Combined arithmetic mean for two groups.</p> <p>d) Median and Mode.</p> <p>e) Position Value: Quartiles, Deciles & Percentiles.</p> <p><u>Unit-6: Measures of Dispersion</u></p> <p>Meaning & Need of measures of Dispersion, Absolute & relative measures of dispersion, Range & Coefficient of range, Quartile Deviation, Mean Deviation, Standard Deviation etc.</p>


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Dist.- Dhule.**



NAAC Reaccredited 'B' Grade

TEACHER'S DIARY

ACADEMIC YEAR : 2022 - 2023

Name : Dr. W. B. SHIRSATH

Designation : Professor

Department : Chemistry



Class: P.T.B.Sc. Sem.: I Subject: Chemistry

Sr. No.	Month	Topics/Practical's
		<u>Atomic structure</u>
		Atomic model, Thomson model, Rutherford model, Bohr model, Drawbacks of Rutherford model
August-2022		Emission & Absorption Spectra Line spectrum of Hydrogen atom
Sept-22		Bohr's atomic model for hydrogen atom Postulates of Bohr theory, Expression for finding of orbit & energy of an electron Bohr theory and Hydrogen atom spectra Quantum mechanical model of atom Dual nature of orbit Heisenberg's Uncertainty Principle orbital & quantum number. Problems on Atomic structure.
		<u>Mathematical Preparation in Chemistry</u> Logarithm - Definition, Notation of logarithm Rules of logarithm, Determining of Logarithm of any number - characteristics & mantissa, Antilogarithm, Problems on logarithm.
		<u>Graphical representation of equation</u> Graph, Important Characteristics of graph Plotting of graph, eq. of st. line, slope, y- intercept, Intercept of a line, Point of intersection Angle bet ⁿ 2 lines, Characteristics of st. line
		<u>Derivative</u> - Definition of derivative, Rules of differentiation, problems on derivative Differentiation of function of function, Differentiation of exponential & logarithmic function.
		<u>Integration</u> : Rules of Integration Definite Integral i.e. Integration bet ⁿ limit Application of Integration to Chemistry Problems on Integration. Unit-test

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TEACHING PLAN

Class: B.Sc. Sem.: I Subject: Chemistry Paper Code.: CH-101

Sr. No.	Month	Topics/Practical's
		<p><u>The Gaseous State</u>:- Introduction Ideal gas eqn, molar gas constant Kinetic theory of Ideal gases - Kinetic gas eqn Deduction of Gas laws from Kinetic theory of gases - Avogadro law, Graham's law of diffusion, Kinetic energy of translation</p>
		<p>Application of the ideal gas law. Ideal & non ideal gases Deviation of real gases from ideal behaviour Compressibility factor (Z) Importance of Z Boyle's temperature (Boyle Point) Significance of Boyle's temperature. Reasons for deviation from ideal gas law Vander-Waals eqn. of state. Limitation of eqn Units of Vander-Waals eqn. Significance of eqn</p>
		<p>Critical Phenomena & Critical Constant Critical Phenomena in liquid, Andrews's experiment Andrews's isotherm of CO_2, Application of Vander-Waals eqn Determination of Vander-Waals constant, Critical constant of gases, Liquification of gases Problems in Gaseous state.</p>
		<p><u>Atomic Structure</u> - Part-II - Introduction Long form of periodic table, main features of the long form of periodic table. Disadvantages of modern periodic table, Electronic configuration - Aufbau principle, Pauli exclusion principle, Hund's rule of maximum multiplicity. Classification of elements based on electronic configuration - s, p, d & f block elements Shapes of s, p & d orbitals.</p>
		<p><u>Periodic Properties of elements</u>: Introduction Atomic & Ionic Size - Types of radii Ionization of energy, Factors affecting the I.E Application of I.E. Electron affinity, Electronegativity Pauling & Mulliken's method, metallic character</p>

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TEACHING PLAN

Class: S.Y.B.Sc Sem.: I Subject: Chemistry

Paper Code: CH-301

Sr. No.	Month	Topics/Practical's
		<p>Chapter - I - Solution - Introduction, Solubility, Factors affecting solubility, Different way of expressing concentration, V.P. Raoult's law & its limitation</p> <p>Ideal & Non ideal solⁿ, Vapour pressure of actual liquid pairs</p> <p>V.P. of liquid and V.P. vapour composition, Curve of solution, Distillation of binary miscible solution, Fractional distillation</p> <p>B.P. diagram of miscible binary mixture (P-X & T-X diagrams), Azeotrope, Fractionating Column</p> <p>Solubility of partial miscible liquid pairs - Maximum critical solution temp. Minimum critical solⁿ temp, Maximum & minimum critical solⁿ temp, Without critical solⁿ temp, Problems</p>
		<p>Colligative Properties - Introduction, Solution of non electrolyte & electrolyte - Different way of expressing concentration of solution</p> <p>① Colligative Properties of solution</p> <p>1) Lowering of v.p. of solⁿ 2) B.P. elevation of solⁿ 3) F.P. depression 4) O.P. of solution</p> <p>(Calculation of molecular weight) from colligative properties</p> <p>Methods determine Mⁿ wt. - Landberger's method & Beckmann method</p> <p>Berkely & Hartley method for measurement of o.p.</p> <p>Relation of o.p. for v.p., Van't Hoff eqⁿ for o.p., solution of electrolyte, colligative property of electrolyte, Abnormal mol. wt. Problems</p>
		<p>d-block elements - Introduction, Position of d-block elements, Elements of first to third transition series</p>

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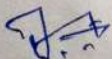
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TEACHING PLAN

Paper Code.: CH-304

Class: Sr. B.Sc. Sem.: I Subject: Chemistry

Sr. No.	Month	Topics/Practical's
		Unit Introduction to Analytical Chemistry
		Interdisciplinary nature of Analytical Chemistry
		Importance of Analytical Chemistry
		Types of Analysis - Qualitative & Quantitative analysis
		Concept of Sampling - Sampling Procedure
		Types of Sampling
		1) Random Sampling, Nondandom Sampling
		Accuracy & precision
		Significant of zero, Rounding off, Errors
		Classification of errors
		a) Determinate errors b) Indeterminate errors
		Minimization of errors, Good laboratory Practice
		Preventive measures & good laboratory Practice
		Use of Protective covering
		Material Safety Data Sheet (MSDS)
		Fire safety, Causes of fire in laboratory
		Control measures for the fire safety
		Fire extinguishers & their types
		Safe handling of chemicals
		Acid-Base titration - Principle of Acid-Base titration, Acid-Base Indicators
		Henderson Hasselbalch eq ⁿ . Transition range of indicators
		Strong acid - Strong base titration - Nature of titration Curve (Neutralization Curve)
		Characteristics features of S.A. S.B. titration Curve.
		Selection of Indicators, Calculation of pH during S.A. with S.B. titration
		Weak acid Strong base titration - Nature of titration Curve, Characteristics features of W.A. S.B. titration Curve.



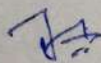
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TEACHING PLAN

Class : S.Y.B.Sc. Sem.: III Subject : Chemistry Paper Code. : CH-304

Sr. No.	Month	Topics/Practical's
		<p>Selection of Indicators, Calculation of pH during W.A. S.B. titration Application of acid-base titration.</p>
		<p>Unit-3 - Precipitation Titration - principle Precipitation titration curve, use of indicators in detection of end point. Preparation of $AgNO_3$ solution - from solid $AgNO_3$ & from metallic silver.</p>
		<p>Standardisation of $AgNO_3$ solution by Mohr's method. Estimation of chlorides by Fajan's method Application of precipitation titration.</p>
		<p>Unit-4 - Chromatography - Introduction Definition, Advantages of Chromatography Disadvantages of Chromatography Principle of Chromatography, classification of chromatographic methods - partition, Adsorption Ion exchange chromatography Paper chromatography, Types of chromatography Thin layer of chromatography - principles & technique of Thin layer chromatography Application of Thin layer chromatography</p>
		<p>Ion exchange (column chromatography) Principle of Ion exchange chromatography.</p>
		<p>Ion exchange resins - Types of ion exchange resins - Cation exchange resins & Anion exchange resins</p>
		<p>Application of ion exchange chromatography</p>



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TEACHING PLAN

Class: P.Y.B.Sc Sem.: II Subject: Chemistry Paper Code.: CH-201

Sr. No.	Month	Topics/Practical's
1	Jan-2023	<p>Chapter-1 - Liquid state - Introduction, Inter-molecular forces in liquid and their types, Surface tension of liquid, unit of S.T., Factors affecting S.T., determination of S.T. of liquid by single capillary rise method & drop formation method.</p> <p>viscosity of liquid, unit of viscosity measurement of viscosity of liquid by downward method, related numerical.</p>
		<p>Chapter-2 - Chemical equilibrium - Introduction, reversible reaction, characteristics of chemical eq^m, law of mass action eq^m constant, equilibrium law eq^m constant in terms of partial pressure, Calculations involving K_p, liquid system, heterogeneous equilibria.</p>
2	Feb-2023	<p>Le-Chatelier's Principle effect of change in concⁿ, Pressure, temp condition for maximum yield in industrial processes, synthesis of ammonia (Haber process) related problems.</p>
		<p>Chapter-3 - Second & third law of thermodynamics, Introduction, Limitations of first law of thermodynamics, Spontaneous & non-spontaneous process with thermodynamic statement of second law of thermodynamics.</p> <p>Entropy, unit of entropy, Physical Significance of entropy, Entropy changes in Isolated System.</p>
3	Mar-2023	<p>Entropy change for system only, Entropy of mixing of gases, Entropy changes in ideal gases & physical transformation, Statement of third Law of thermodynamics, Application, Numerical.</p> <p>Chapter-4 - Principle involved in inorganic qualitative analysis - Introduction, Types of analysis, Difference betⁿ crystalline & Amorphous substances, meaning of dry & wet test, precipitate, group reagent, ionic product, solubility product, Common ion effect.</p>


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TEACHING PLAN

Class: S.Y.B.Sc. Sem.: IV Subject: Chemistry Paper Code.: (M-401)

Sr. No.	Month	Topics/Practical's
1	Jan-2023	<p>Chapter - I - Electrochemistry - EMF & its measurements, Reversible & irreversible cells Standard cell, cell reaction & EMF, convention regarding sign of EMF, single electrode potential std. hydrogen & calomel reference electrodes. Calculation of single electrode potential, Calculation of cell EMF from single electrode, std. hydrogen & calomel reference electrodes, Calculation of single electrode potential, Calculation of cell EMF from single electrode potential.</p> <p>Thermodynamics & EMF, ΔG, ΔH, ΔS from EMF data Thermodynamics of electrode potential (Nernst eqⁿ)</p> <p>Std. potential & eqⁿ constant, classification of electrodes, related numericals</p>
2	Feb-2023	<p>ii) Chemical Thermodynamics - Helmholtz free energy, physical significance of ΔA Variation of Helmholtz free energy (ΔA) with temp (T) & Volume (V), Variation of ΔA w.r. to T at const V.</p> <p>ΔA for chemical reaction, Variation of ΔA w.r. to T at constant Volume.</p> <p>The Gibbs free energy, physical significance of Gibbs free energy Relation betⁿ Gibbs free energy & Helmholtz free energy, Variation of G with Temp & Pressure.</p> <p>Variation of G/T w.r. to T & P, ΔG for chemical reacⁿ. Gibbs Helmholtz eqⁿ, Importance of Gibbs Helmholtz eqⁿ</p> <p>Variation of $\Delta G/T$ w.r. to T at constant P</p> <p>Properties, properties and significance of ΔG Sign of ΔG & Spontaneity of reaction Calculation of free energy change.</p>
3	Mar-2023	<p>Rugacity & Activity, Determination of ΔG in terms of activity, Van't Hoff reaction isotherm, Standard free energy forming criteria of eq^m</p> <p>physical equilibria involving Pure substances.</p>



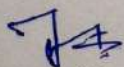
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TEACHING PLAN

Class: S.Y.B.Sc Sem.: IV Subject: Chemistry Paper Code.: CH-404

Sr. No.	Month	Topics/Practical's
1	Jan-2023	<p>Redox Titration: Terms involved in redox titration. Oxidation, Reduction, oxidizing agent, reducing agent, Redox titration</p> <p>Titration of (Ce^{IV}) & (Fe^{III}), plot of titration curve, Calculation of end point during titration</p> <p>Detection of end point - redox indicator & starch indicator.</p>
		<p>Titration involving Iodine - Iodometry & Iodometry, Determination of dissolved oxygen of water sample, Application of redox titration.</p>
2	Feb-2023	<p>Complexometric titration - Introduction, Complex ligands, Types of ligands Chelates, Chelating agent Formation of complex, formation constant chelating agent EDTA, EDTA equilibria, EDTA titration curve detection of end pt - use of indicators, Principle involved in colour change of indicators Characteristics of metal ion indicators</p> <p>Application of complexometric titration with reference to analysis of soil, Estimation of Ca fractions by complexometric titration.</p>
3	Mar-23	<p>Gravimetric analysis - Introduction, Advantages of gravimetric analysis</p> <p>Solubility Product with Problems, Conditions for precipitation</p> <p>Steps of gravimetric analysis, Precipitation of solution, Precipitation, digestion, Impurities in the precipitate, Co-precipitation & Post precipitation</p> <p>Filtration, Washing, drying & ignition, Weighing</p>
4	April-23	<p>Application - estimation of Ba as BaSO₄, Ni as NiDMG, Pb as PbCrO₄</p> <p>Home test, Internal examination, Revision</p>



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TEACHER'S DIARY

ACADEMIC YEAR : 2022 - 2023

Name : Prof K. R. RAUT

Designation : Associate Prof.

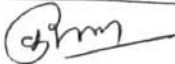
Department : Economics

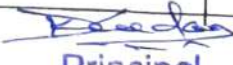


TEACHING PLAN

Class : f.Y.B.A Sem.: I Subject: Economy of MH Since Reform Era Paper Code. : Eco-G-101-B

Sr. No.	Month	chapter	Topics/Practical's	Period Allotted			
01	Aug. 22	Introduction of the Economy	Introduction of the Subject	01			
			Syllabus Writing	01			
			General description of the Economy	02			
			Main features of the Economy	02			
			Significance of MH Economy	01			
			Size & Growth rate of population	02			
			Density of Population in MH	01			
			Rural & Urban Population	01			
			Literacy Rate & sex Composition	02			
			02	Sept. 22	-11-	Unemployment & Poverty in MH	02
state employment promotion Progra.	02						
Nature, objectives & employment scheme	04						
state Role in Housing development in							
Urban & rural Areas	02						
Human Development Programme	02						
Woman Development Programme	02						
03	Oct 22	Agriculture Scenario in MH				Role of Agriculture	02
						main crops	02
						development of Agriculture & Allied Activities in the state	03
			Agriculture productivity - Problems & Policies	02			
			Indebtness of farmers	02			
			Problem of waiving the debt	02			
			Development of Irrigation facilities	02			
			Government Policy	02			
			Dairy Development	02			
			04	Nov. 22	Co-Operative sector in MH	meaning, objectives, features,	
Present state of co-operative	08						
structure of Co-operative financial system in MH	03						
Co-Operative marketing features	02						
Objective, present & future Agenda	04						
Co-Operative Marketing features							
sugar industry - present states & Problems	02						
Co-Operative movement in MH							
Since Reform Era	02						


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TEACHING PLAN

Class : f.y.B.A Sem.: II Subject : Eco. of. MH Paper Code. : Eco - 201 - [B]

Sr. No.	Month	Topic	Topics/Practical's	Period Allotted
01	Jan-23	Introduction of the Economy	Syllabus Writing	01
			General description of the Economy	02
			factors affecting the state Industry	02
			Socio-Economic Effects of Industries	02
			MIPIC, SICOM, MSFC, MSSIC	04
			FDI, & Industrial Development	01
			Industrial Policy of MH	02
02	Feb-23	- II	Meaning & Role of Infrastructural facilities in MH	02
			Road & Transport Communication facilities	04
			Irrigation & Power	02
			Public health & Educational system	02
			Banking & finance	02
			Role of the state Government	03
03	march 2023	finance of state & the Local Govt.	structure of the Local Govt.	03
			financial position	02
			Problems of Local Bodies	02
			Remedies, measures for improving the financial health of the Local Bodies	03
			Problems of Corruption	04
04	April 2023	Governance in MH	Inefficiency in the Govt.	04
			Abuses of the Corruption	02
			RTGS - Meaning, Nature	02
			Scope, Origin & Objective	02
			MH-RTGS Act 2005	03
			State Information Commission	04
			Composition, Power & functions	04
			A Brief Review of the	
			Development of E-Governance	
			Practices in the state	03



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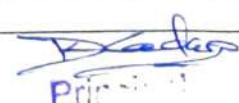
TEACHING PLAN

Class : S.4.B.A Sem.: I Subject : Indian Economy Paper Code : DSC Eco 231C
SINCE 1980-I

Sr. No.	Month	Topic	Topics/Practical's	Periods Allotted
01	August 2022	Indian Economy & Human Resources in India	Syllabus writing discussion about syllabus Basic features of Indian Economy India's recent position in the world Economy meaning of Human Resources Population - size & Growth Causes of the rapid growth of population	01 01 02 02 01 02 02
02	Sep-2022	-II-	Problems of over Population Recent National Population Policy Poverty & Unemployment - types measurements of poverty in India Unemployment - meaning, Types Policies for removing unemployment and poverty	02 02 02 02 02 03
03	Oct. 2022	Infrastructure in India	Irrigation - sources, water management Energy - sources, crises of Energy Transport - Types of Transport Problems of Transport Communication & information	02 03 03 02 04
04	NOV-22	-II- Basic Issue in Agriculture	Types of Communication Role of Information Technology Role of Agriculture Nature of Indian Agriculture Recommendation of Swami Nathan Commission on Agriculture	02 02 02 02 03
05			Agriculture finance - Importance Agriculture finance - sources Agriculture marketing - defects Agriculture marketing - Reforms farmers suicide - Causes farmers suicide - measures	02 02 02 02 03 03



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Class : S.4.B.A

Sr. No.	Month
1	Jan 2022
02	Feb 2022
03	Mar 2022
04	Apr 2022

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TEACHING PLAN

Class: S.Y.B.A Sem.: II Subject: Indian Economy Paper Code: DSC Eco 241 D
since -1990 - II

Sr. No.	Month	Topic	Topics/Practical's	Periods Allotted
1	Jan 2023	Industrial Development Co-Operative Sector in India	Syllabus writing	01
			Role of Industrialization	02
			Large scale Industries - Role	01
			Problems of Large Scale - meaning	02
			Role SSI - meaning, Role	02
			SSI - Problems	02
			New Industrial Policy	02
02	Feb. 2023	- II -	Co-Operative System - meaning	01
			Co-Operative System - features	01
			Objective of Co-Operative	02
			Defects of Co-Operative	02
			Co-Operative Banking	01
			Co-Operative - structure	01
			Co-Operative functions	02
03	March 2023	Change in Planning in India	Economic Planning - meaning	
			Objectives	02
			Achievements & failures of	
			Economic Planning	02
			12th five year plan - Resource	
			Allocation, Limitations	02
			NITI Aayog, Establish, Objective	02
Differences between Planning				
Commission and NITI Aayog	02			
Structure of NITI Aayog	02			
04	April 2023	Recent changes in Indian	Direct Cash Transfer Scheme	02
			- II Advantages	02
			- II Limitation	02
			Jan Dhan Yojna - Objective	
			features	02
			JJYojna Benefits	02
			mudra Bank Yojna, Objectives,	
			features, Benefit	03
			Demonetization - meaning, merits	02
			- II Demerits	01
			make in India	01
- II Introduction,	01			
Objectives	01			
Advantage & challenges of				
make in India	02			



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Class : T.Y.B.A Sem.: I Subject: Economics of Public Finance Paper Code: DSE Eco 352(A)

Sr. No.	Month	Topic	Topics/Practical's	Periods Allotted
01	August 2022	Introduction to Public finance	Syllabus writing meaning, Natures and Scope of Public finance Distinction between Public finance & Private finance Importance of Public finance The Principle of maximum Social advantage	01 03 02 03 04
02	Sept. 2022	Public Revenue	Sources of public Revenue Tax Sources Non Tax Sources Canons of Taxation Direct Tax - merits & demerits Indirect Tax - merits & demerits Progressive Tax, Proportional Tax, Regressive Tax VAT	04 02 02 02 02 02 02 02
03	Oct. 2022	---	MOD VAT Service Tax Tax capacity - Meaning Importance of taxable capacity factors determining taxable capacity Public goods, Private goods & market failure	01 01 01 02 02
03	NOV 2022	Incidence of Taxation & Approaches of	Concepts of impact, incidence & shifting of Taxes factors affecting incidence of tax Musgrave's view on incidence The Benefit Approach Ability to Pay Approach Least Sacrifice theory Taxable Capacity Effects of Taxation on Production & Distribution Role of Govt. in Economy Tools of Govt. Intervention	02 02 02 01 01 01 01 02 01 01


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TEACHING PLAN

Class : f.4.B.Com Sem.: I Subject : Business Economics Paper Code. : _____
Analysis

Sr. No.	Month	Topic	Topics/Practical's	Period Allotted
01	August 2022	An. Over view of micro Economy	Syllabus writing Introduction to micro Economics Definition & meaning Importance & Limitation Plant, firm, Industry Concept of functional Relationship Linear & non Linear functions methods of functional Relationship	01 01 01 02 03 02 02 02
02	Sept. 2022	Demand function	Individual demand curve market Demand curve Concept of consumer surplus Demand forecasting - Need - II - Importance - II - method Elasticity of Demand & Supply Law of Demand	01 01 01 01 01 02 01
03	- II	Consumer Behaviour	Theory of Indifference curves Concept of Utility Cardinal Basic Assumption, constraints change in price line Consumption Equilibrium Price Effect - Income & Substitution	01 02 02 01 01 01
04	Oct. 2022	Production function	The production function Total, Average & marginal Products The Law of variable Proportion Return of Scale	01 01 01 01
05	Nov 2022	Production cost	The short run cost & Curves Long run cost & Curves U shape curve L shape curve Internal & External Economics Diseconomies of Scale	02 02 01 01 02 01
06	- II	Perfect competition	meaning, Definition & features short run Equilibrium of firm Long run Equilibrium of firm & Industry	03 01 01 01



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TEACHING PLAN

Class: f.4.B.Com. Sem.: II Subject: Business Economics Paper Code: 203
Analysis II

Sr. No.	Month	Topic	Topics/Practical's	Periods Allotted
01	Jan-2023	monopoly	monopoly - meaning, definition, features	03
			Short run & Long run Equilibrium of firm	02
			price discrimination meaning, features	02
			Types of Price Discrimination	01
02	Jan-2023	monopolistic competition	Essential Conditions for price discrimination	01
			Dumping	01
			meaning, definition, & features	03
			Product Discrimination	01
03	Feb-2023	oligopoly	Short Run Equilibrium of the firm	01
			Long Run Equilibrium of the firm	01
			meaning definition, features	03
			Price Determination	01
04	-11-	Duopoly	Stackleberg & Bertrand model	02
			Monopsony	01
			meaning definition & features	03
05	march 2023	factor Pricing I	Price Determination Under oligopoly	01
			The Kinked Demand curve	01
			The Theory of Distribution	01
			Rent - meaning & definition	01
06	April 2023	factor Pricing II	Recardo Theory of Rent	02
			Wage, meaning & definition	02
			Cause of wage in different	01
			Interest - meaning & definition	02
			Loanable funds Theory of Interest	02
			Liquidity Preference Theory of Interest	02
			Profit, meaning, definition	02
			Dynamic Theory of Profit	02
Schumpeterian Innovation	02			
Theory of profit	02			



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TEACHING PLAN

Class : S.4.B. Com Sem. - III Subject : macro Economics I Paper Code. : 302

Sr. No.	Month	Topic	Topics/Practical's	Periods Allotted
01	August 2022	Background of macro Economics	Introduction of Subject	01
			Syllabus writing	01
			Definition of macro Economics	01
			Nature of macro Economics	01
			Scope of macro Economics	02
			Importance of macro Economics	02
			Limitations of macro Economics	02
			Development in macro Economics	02
			Paradox of macro Economics	02
			02	Sept. 2022
Gross Domestic Product	01			
NNP at market price	01			
GNP at market price	01			
DP at market price	01			
Circular flow of Income - meaning	01			
— II — Two sector	01			
— II — Three sector	01			
— II — four sector	01			
Withdrawal & Injection in NI	01			
03	Oct. 2022	The classical theory of employment & output	Say's Law of Market implications	03
			Applications of the Classical theory	03
			criticism by Keynes on Classical	03
			Principle of effective demand	02
			full employment & unemployment	02
			04	— II —
Saving Investment Approach	02			
Paradox of thrift	02			
05	NOV 2022	Consumption & saving functions		
			importance	
			determinate of Consumption	02
			APC, MPC, APS, MPS	03
			Keynes psychological Law of Consumption	02
			treatment multiplier concept,	
			process, Limitation	
06	NOV 2022	Investment function	concept of capital & Investment	02
			Gross & NET Autonomous Induced	02
			Investment, marginal efficiency	02
			of capital, Rate of Interest,	02
			The acceleration theory	02

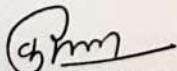

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TEACHING PLAN

Class : S.Y.B. Com. Sem.: IV Subject : Macro Economics Paper Code. : _____

Sr. No.	Month	Topic	Topics/Practical's	Periods Allotted
01	Jan. 2023	Supply of money	Syllabus writing	01
			measures of Money function	02
			money Supply & Role of C. Banks	02
			Process of credit creation, Limit	02
			Role of central Bank, Objectives of credit contro	02
			Tools of credit control	02
			liquidity management	01
02	Feb. 2023	Demand for Money	Determinant of demand for money	02
			motives of demand for money	02
			Theories of demand for money	02
			fisher's Quantity Theory	02
			Keynes Liquidity Preference Theory	02
			Inflation - meaning, demand	01
			full Inflation, cost push Inflation	02
			Intertial Inflation & expectation	02
03	march 2023	macro Economic problems	Effect of Inflation, Trade bet.	02
			ween inflation & unemployment	02
			Business cycle	02
04	-ll-	macro Economic Policies	meaning & Objective of macro	
			Economic Policies	02
			supply Side economics	01
			The central Theme	01
			Tax cuts aggregate supply	02
			The Laffer Curve	02
			Critical evaluation	01
05	April 2023	Internal Trade	Internal Trade & International	
			Trade - Difference	02
			BOP & BOT concept	02
			Structure of BOP	02
			Disequilibrium of BOP - cause	02
			correct advers BOP	01
			free Trade, Protectionism	03
06	-ll-	foreign Exchange Rate	meaning of exchange rate	01
			merits & demerits of fixed & flexible factors	02
			affecting foreign exchange rate	02
			Exchange control - meaning & Objectives	02


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TEACHER'S DIARY

ACADEMIC YEAR : 2022 - 2023

Name : Dr. Pradeep Pandurang Talware

Designation : Associate Professor

Department : Department of Chemistry



TEACHING PLAN

Paper-II
COT-102

Class: F.Y.B.Sc. Sem.: I Subject: Org. & Inorg. Chemistry Paper Code: COT-102

Topics/Practical's

Sr. No.	Month	Topics/Practical's
1	September 2022	<p><u>Chapter 1</u> Introduction to Organic Chemistry - Introduction</p> <p>General properties of organic compounds, Application of organic compounds in every day life. Benzene and its stability, Huckel's rule of aromaticity, nomenclature of derivatives of Benzene, structural effects - Inductive effect, Resonance hyperconjugation effect, steric effect, electrophilic effect.</p> <p>Fission of Covalent bond - Homolytic and Heterolytic fission.</p> <p>- Types of reagents - electrophiles and nucleophiles.</p> <p>- Types of organic Reactions - Addition Reⁿ, Elimination Reⁿ, substitution Reⁿ & Rearrangement Reactions.</p>
2	August 2022	<p><u>Chapter 2</u> Hydrocarbons: - Alkanes - Introduction</p> <p>nomenclature (Common and IUPAC system)</p> <p>- Preparation of Alkanes - By Wurtz-Fittig reaction, By hydrogenation of Alkenes, - Reactions of Alkanes - Halogenation, Combustion.</p> <p>- Alkenes - Introduction, nomenclature (Common and IUPAC system) - Preparation of Alkenes - By dehydration of alcohols, dehydrohalogenation of alkyl Halides, - Reactions of alkenes - Addition of Halogen, Hydrogen Halide and Hydration.</p>
	September 2022	<p><u>Alkynes</u> - Introduction, nomenclature (Common & IUPAC system) - Preparation of Alkynes - By double dehydrohalogenation of vicinal & geminal dihalides by alkylation of Acetylene. - Reactions of Alkynes - Addition of halogens, Hydrogen halides, Hydration, ozonolysis.</p>
3	November 2022	<p><u>Chapter 3</u> Hybridization and shapes of Covalent molecules - (L-10, m:26)</p> <p>a) Hybridization - Definition need of hybridization characteristics of hybridization Types of hybridization involving s, p and d orbitals: sp³d, sp³d², sp³d³ and dsp² Hybridization.</p> <p>b) Applications of Hybridization Concept - Geometries of molecules like PCl₅, SF₆, IF₇ and [Ni(CN)₄]²⁻ ions</p> <p>c) Valence shell Electron pair Repulsion (VSEPR) Theory: assumptions, need of theory Applications on the theory to explain geometry of irregular molecules like SnCl₂, NH₃, H₂O, CH₄, SF₆, PCl₅, PCl₃, PCl₂, PCl₄ - Limitations of VSEPR theory.</p>

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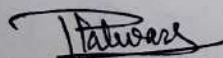
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Paper-II

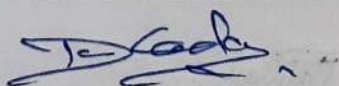
Class : F.Y. B.Sc. Sem.: I Subject : Org. & Inorg. Chem. Paper Code. : CH-102

Sr. No.	Month	Topics/Practical's
		<u>Learning Outcomes Chapterwise</u>
1)	September 2022	<p>Chapter-1) Basic Principles of Organic Chemistry students will be able to understand (L: 12, m-24)</p> <ol style="list-style-type: none"> 1) The properties of Organic Compounds 2) Different Types of bonds & structures of organic compounds. 3) Different Types of structural effects and their effect on the strength of acids and bases. 4) Fundamentals of organic reactions-mechanism, structural isomerism, methods of purification of organic compounds. 5) Different Types of solvents used in organic reactions.
2)	August 2022	<p>Chapter-2) Hydrocarbons (L: 08, m-16)</p> <p>students will be able to understand:</p> <ol style="list-style-type: none"> 1) sp^3, sp^2 and sp hybridizations. 2) Nomenclature of alkanes, alkenes and alkynes. 3) Different methods of preparation of alkanes, alkenes and alkynes. 4) Different Reactions of Alkanes, alkenes & alkynes.
3)	November 2022	<p>Chapter-3) Hybridization and Shapes of Covalent molecules (L: 10, m-20)</p> <p>students will be able to understand</p> <ol style="list-style-type: none"> 1) Concept of hybridization steps involved in hybridization, characteristics and types of hybridization 2) Applications of hybridization, concept to understand properties/geometries of different molecules. 3) Valence shell Electron pair Repulsion (VSEPR) theory and its applications to explain geometry of irregular molecules. 4) Limitation of VSEPR theory.

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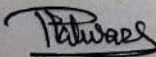


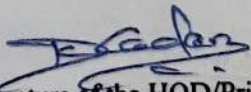
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TEACHING PLAN

Class : S.Y.B.Sc. Sem.: III Subject : Org. & Inorg. Chem. Paper Code. : 41-302

Sr. No.	Month	Topics/Practical's
1)	August 2022	<u>Chapter-1</u>) Stereoisomerism a) Isomerism, classification of isomerism, stereo-isomerism, types of stereoisomerism. b) Projection formulae - Fischer projection formula, Newman projection formula, saw horse formula. c) Optical Isomerism - Optical activity, enantiomerism, chiral centre and chirality, elements of symmetry dextrorotatory, levorotatory: R and S nomenclature
	September 2022	d) Geometrical Isomerism - Geometrical Isomers, Conditions for Geometrical isomerism, nomenclature systems: Cis and trans, E and Z, syn and Anti e) Conformational isomerism - Conformational isomers, conformational isomers in ethane and n-butane. with energy profile diagrams. f) stereochemistry of cyclohexane - Conformations of cyclohexane - chair and Boat forms, axial and equatorial bonds in cyclohexane, factors affecting stability of conformations, mono substituted cyclohexane.
2)	September 2022	<u>Chapter-2</u>) Heterocyclic and Polycyclic Aromatic Compounds. a) Five membered ring with one heteroatom - Introduction, preparation of furan, pyrrole and Thiophene. Reactions - Nitration, Sulphonation, F.C. Acylation, Reimer-Tiemann Reaction, Catalytic hydrogenation b) Six membered ring with one heteroatom - preparation of pyridine - from Acrolein and from Acetylene. Reactions - Nitration, -sulphonation Bromination, catalytic hydrogenation.
	October 2022	c) Polycyclic Aromatic Compounds - Introduction, structure of Naphthalene, Haworth Synthesis of Naphthalene, Reactions of Naphthalene - Oxidation, Reduction, Nitration, Halogenation, Sulphonation Friedel Crafts acylation.
3)	October 2022	<u>Chapter-3</u>) Solvents, Solutions, Acids and Bases. a) Donors and Acceptor properties b) molten salts, solvents for electrochemical reactions purity of solvents. c) Definition and Approaches, solvent system concepts,


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TEACHING PLAN

Class : 5.7.B.8e

Sem.: III

Subject: Org. & Inorg. Chem.

Paper Code.: CH-301

Topics/Practical's

Sr. No.	Month	Topics/Practical's
	November 2022	Lux-Flood concept, Lewis Concept, Generalized Acid-Base Concepts.
		d) Differentiating and Leveling Concept solvents
		e) Co-solvating agents.
		f) Hard and Soft Acid & Bases - Definition
		Pearson HSAB Concept, theories of Hardness and softness, Application and Limitations of HSAB concepts.

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Paper-II
CH-202

Class: F.Y.B.Sc. Sem.: II Subject: Org. & Inorg. Chem Paper Code.: CH-202

Sr. No.	Month	Topics/Practical's
1)	January 2023	<p><u>Unit-1) Halocarbons and Haloarenes :-></u></p> <p>a) Halocarbons - Introduction, classification and nomenclature of Halocarbons (Common & IUPAC system)</p> <p>b) monohalogen derivatives - classification, methods of preparation: Form alcohols (using $HX, PCl_3, PCl_5, SOCl_2$) Reactions with aqueous alkali, sodium alkoxide, alc. KCN, silver salt of acid, alc. ammonia, NH_4HS, dehydrohalogenation, formation of Grignard's Reagent.</p> <p>c) Di halogen derivatives - Preparation of vicinal and geminal dihalides, reactions - Hydrolysis with aqueous $NaOH$.</p> <p>d) Haloarenes - Introduction, nomenclature, reactions of Haloarenes: nucleophilic substitution reactions with $NaNH_2 / KNH_2, NaOH, NH_3, CuCN$, Ullman reaction,</p>
2)	February 2023	<p><u>Unit-2) Alcohols, phenols and ethers :-></u></p> <p>a) Alcohols: Introduction, classification, nomenclature (Common & IUPAC system), methods of Preparation of monohydric alcohols: Form Grignard's reagent (using aldehydes and ketones), by reduction of aldehydes & ketones, by Hydroboration, by oxmercuration-demercuration, preparation of dihydric alcohols by hydroxylation of alkenes.</p> <p>b) physical properties of alcohols - Reactions of alcohols - reactions with active metals, dehydration, oxidation and ester formation.</p> <p>c) phenols - Introduction, nomenclature, acidity of phenols, Preparation of phenols from Benzene sulphonic acid, benzene diazonium chloride and from chlorobenzene.</p> <p>d) Reactions of phenols: ester formation (acylation), formation of aryl ethers, Kolbe reaction, catalytic Hydrogenation.</p> <p>e) Ethers: Introduction, classification, nomenclature (Common & IUPAC system), methods of preparation: by Williamson's synthesis, by dehydration of alcohols and from diazomethane. Reactions of ethers - reaction with hot and cold HI, hydrolysis with $dil-H_2SO_4$, Crown ethers (Introduction only).</p>
3)	March 2023	<p><u>Unit-3) Aldehydes and Ketones :-></u></p> <p>a) Introduction, structure of carbonyl groups, nomenclature</p>

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TEACHING PLAN

Class : F.Y.B.Sc. Sem.: II Subject : Org. & Inorg. Chem. Paper Code. : CH-902

Topics/Practical's

Sr. No.	Month	Topics/Practical's
	March 2023	<p>a) Aldehydes & Ketones (Common & IUPAC system)</p> <p>b) Aldehydes: Preparation of Aldehydes: by reduction of acid chlorides, from Grignard's Reagent and PCl_5, from terminal geminal dihalides and from $\text{C}_6\text{H}_5\text{MgBr}$ salts of acids, Preparation of benzaldehyde by Gattermann Kottb Reaction, By oxidation of Toluene. By side chain chlorination of Toluene.</p> <p>c) Ketones: Preparations from Grignard's Reagent and R-CN, from nonterminal geminal dihalides, from calcium salts of acids, Preparation of acetophenone by oxidation of Ethyl Benzene, by Friedel Craft Acylation</p> <p>d) Reactions of aldehydes & Ketones - Reducing properties of aldehydes = Reaction with Tollen's reagent and Fehling's solution, Clemmensen reduction, Wolf-Kishner reduction, Aldol Condensation, Cannizzaro Reaction addition to HCN, NaHSO_3, addition of derivatives of ammonia (Hydroxyl amine, phenyl hydrazine, 2,4-DNP semicarbazide), hydration, addition to alcohols, Benzoin Condensation of Benzaldehyde.</p>
4)	April 2023	<p><u>Unit-4</u> → Chemical Bonding and Structure →</p> <p>a) Attainment of stable configuration, Types of bonds -</p> <ol style="list-style-type: none"> 1) Ionic Bond - NaCl, CaCl_2 2) Covalent Bond (Lewis Concept) H_2, Cl_2, HF, NH_3, H_2O, O_2 and N_2 molecules, 3) Co-ordinate bond - NH_4^+, H_3O^+ 4) Metallic Bond. <p>b) Types of overlap - s-s, s-p, and p-p overlap with examples of H_2, HF, F_2, O_2 and N_2 molecules.</p> <p>c) Theories of Bonding - Valence Bond Theory, Heitler-London theory and Pauling - Slater theory.</p>
5)	April 2023	<p><u>Unit-5</u> → Metals and Metallurgy -</p> <p>Occurrence of metals, various steps involved in metallurgical processes, concentration of ore, Hand picking, gravity separation, magnetic separation, froth floatation, calcination, roasting, reduction to free metals, flux, Types of fluxes, Slag, electrometallurgy, hydrometallurgy, refining of metals.</p>

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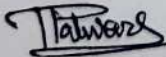
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Paper II

Class : S.Y.B.Sc. Sem.: II Subject : Org. & Inorg. Chem. Paper Code. : CH-402

Sr. No.	Month	Topics/Practical's
1)	January 2023	<p><u>Unit-1) Synthetic Reagents (L-10, m-20/30)</u></p> <p>Introduction, Active methylene Group</p> <p>a) Acetoacetic Ester - Preparation of acetoacetic ester, synthesis of α-alkyl acetic acid, dialkyl acetic acid, succinic acid, adipic acid, α-β unsaturated acid, methyl ketone (Biotinone)</p> <p>b) malonic ester: Preparation of malonic ester, synthesis of α-alkyl acetic acid, dialkyl acetic acid, succinic acid, glutaric acid, β-keto acid (acetoacetic acid) α,β unsaturated acid.</p>
2)	February 2023	<p><u>Unit-2) Organometallic Compounds (L-10, m-20/30)</u></p> <p>a) Nomenclature of Organometallic Compounds, Carbon-metal bond in organometallic compounds.</p> <p>b) Organolithium Compounds: Preparation of organo-lithium compounds, Preparation of alcohols from organo-lithium compounds</p> <p>c) Organomagnesium Compounds - Preparation of Grignard's Reagent, reactions of Grignard's Reagent with esters, acid-chlorides with compounds containing active Hydrogen.</p>
	February 2023	<p>d) Organocopper Compounds: Preparation of organo-copper compounds (lithium dialkyl cuprates) & synthesis of alkanes</p> <p>e) Organozinc Compounds: Preparation of organozinc Compds. synthesis of cyclopropanes (Simmons Smith Reaction), Reformatsky reaction.</p>
3)	march 2023	<p><u>Unit-3) Molecular Orbital Theory (L-10, m-20/30)</u></p> <p>a) molecular orbital method</p> <p>b) LCAO method</p> <p>c) s-s, sp, p-p, p-d and d-d combination of orbitals</p> <p>d) Non-Bonding combination of orbitals.</p> <p>e) Rules for Linear combination of orbitals.</p>
	April - 2023	<p>f) molecular orbital Treatment for homo nuclear diatomic species - H_2, He_2, He_2^+, O_2, N_2, O_2^- and O_2^{2-}</p> <p>g) molecular orbital Treatment for hetero nuclear diatomic molecules - CO, NO and HCl.</p>


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Pimpalner Education Society's

**Karm. A. M. Patil Arts, Commerce & Kai. Annasaheb
N. K. Patil Science Senior College Pimpalner, Tal.- Sakri,
Dist.- Dhule.**



NAAC Reaccredited 'B' Grade

TEACHER'S DIARY

ACADEMIC YEAR : 2022 - 2023

Name : Prof. Dr. B. C. More .

Designation : Prof. in Zoology

Department : Zoology

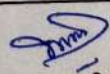


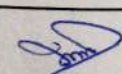
TEACHING PLAN

Class : F.Y.B.Sc. Sem.: Ist Subject : Invertebrate Zoo Paper Code. : Zoo-101

Sr. No.	Month	Topics/Practical's
	June 22	Unit 1. Introduction to the course animal kingdom A) Porifera: General characteristics & classification up to class.
	July 22	B) Cnidaria: General characteristics & classification up to class. C) Coelophora: General characteristics & classification up to class.
	Aug 22	Unit 2: A) Platyhelminthes: General characteristics & classification up to class. B) Aschelminthes: General characteristics up to classes. C) Annelida: General characteristics & classification up to class.
		Unit 3: A) Arthropoda: General characteristics & classification up to class with two examples. B) Mollusca: General characteristics & classification up to classes with two examples.
	Sept 22	Unit 4: A) Echinodermata: General characteristics & classification up to class with two examples. B) Hemichordata: General characteristics & classification up to class with two examples.
		Unit 5. General topics 1. Canal system in Porifera 2. Polymorphism in Ctenophora 3. Parasitic adaptations in flatworms 4. Metamerism in Annelida. 5. Metamorphosis in Insects. 6. Economic importance in Mollusca 7. Water canal systems in Echinodermata.
	Oct 22	

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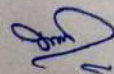
Class : S.Y.B.Sc


Sem.: II

Subject: Evolutionary Biology

Paper Code.: Z00402

Sr. No.	Month	Topics/Practical's
	Jan 23	Unit 1 - History of life Major events in history of life
		Unit 2 - Introduction to Evolutionary Theories. Lamarckism, Darwinism, Neo-Darwinism.
		Unit 3 - Direct evidences of evolution. Types of fossils, Incompleteness of fossil record Dating of fossils, Phylogeny of Horse.
	Feb 23	Unit 4 - Processes of Evolutionary change. organic variations, Isolating mechanisms, Natural selection, (ex. Industrial melanism Types of Natural selection (Directional, stabilizing, Disruptive) Artificial selection.
		Units - Species concept. Biological species concept (Advantages & limitations) modes of speciation (Allopatric, Sympatric)
	March 23	Unit 6. Macro-evolution macro-evolutionary principles (Example - Darwin's finches)
		Unit 7 - Extinction. Mass extinction (causes, Names of five major extinction, K-T extinction in detail), Role of extinction in evolution.
		—*—

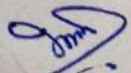

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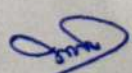

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TEACHING PLAN

Class : S.P.B.S. Sem. IV Subject : Medical diagnostics Paper Code. : Z00404

Sr. No.	Month	Topics/Practical's
		<u>(Skill Enhancement Course)</u>
	<u>Jan 23</u>	<p><u>Unit 1 - Introduction to medical diagnostics & its importance.</u></p> <p><u>Unit 2 - Diagnostic Methods Used for analysis of Blood.</u> Blood composition, Preparation of blood smear & differential leucocyte count using <u>Leishman's stain</u>, Platelet count using <u>haemocytometer</u>, Erythrocyte Sedimenting Rate (ESR), Packed cell volume <u>PCV</u></p>
	<u>Feb 23</u>	<p><u>Unit 3. Diagnostic Methods Used for Urine analysis</u> Urine analysis Physical characteristics, normal & abnormal constituents.</p> <p><u>Unit 4: Non-Infectious Diseases.</u> Causes, types, symptoms, complications, diagnosis & prevention of diabetes (Type I & type II) Hypertension (Primary & secondary), Testing of blood glucose level using <u>Glucometer / diagnostic kit.</u></p>
	<u>March</u>	<p><u>Unit 5: Infectious Diseases.</u> Causes, types, symptoms, diagnosis & prevention of tuberculosis & Hepatitis.</p> <p><u>Unit 6. Tumours.</u> Types (Benign / Malignant) Detection of metastasis, medical imaging. X ray of Bone fracture, PET, MRI & CT scan (using photographs)</p> <p style="text-align: center;">— X —</p>

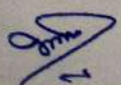

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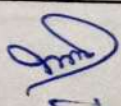

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TEACHING PLAN

Class : T.Y. B.Sc Sem.: Vth Subject : Zoo 502 - Cell & mol. bio Paper Code. : Core-III Zoo502

Sr. No.	Month	Topics/Practical's
	Aug 22	<p>Unit 1. Introduction to cell & mol. biology:</p> <p>Cell biology, molecular biology, Prokaryotic & Eukaryotic cells, Virus, Mycoplasma</p> <p>Structure of plasma membrane.</p> <p>i) Pailayer model of Danielli & Daverson.</p> <p>ii) fluid mosaic model.</p> <p>Study of cell organelles w.r.t ultrastructure & funcⁿ</p> <p>a) Nucleus, Endoplasmic reticulum, Golgi bodies, lysosomes & mitochondria.</p>
		<p>2. Cell division & cell signaling:</p> <p>a) Cell division - Defⁿ, stages of mitosis & meiosis.</p> <p>b) stages of cell cycle - G₁, S, G₂ & M-phase.</p> <p>c) G-protein coupled receptor & role of second messenger (cAMP)</p>
	Sept 22	<p>3. Nucleic Acids:</p> <p>a) Salient features of DNA & RNA.</p> <p>b) Watson & Crick model of DNA molecule.</p> <p>c) Form of DNA & types of RNA (Genetic & non-genetic)</p> <p>d) DNA replication in Prokaryotes & Eukaryotes.</p>
		<p>4. Protein Biosynthesis</p> <p>a) Transcription in Eukaryotes: RNA polymerase, transcriptional Unit, Mechanism of transcription, Processing of m-RNA & r-RNA.</p> <p>b) Translation: Genetic code, Wobble Hypothesis, Synthesis & charging of tRNA.</p>
	Oct 22	<p>5. Gene regulation:</p> <p>Principles of transcriptional regulation in Eukaryotes</p> <p>Activators, Enhancers, Gene silencing, Genetic imprinting.</p>

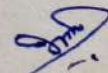

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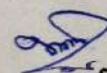

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TEACHING PLAN

Class : T.Y.B.S. Sem.: II Subject : Public health & hygiene Paper Code. : Zoo.505

Sr. No.	Month	Topics/Practical's
	Aug 22	Unit 1 - Public health & Hygiene. Introduction & scope. Definition of health. Classification of food Nutritional deficiencies. Vitamin deficiencies. Hygiene: Introduction, definition & types of hygiene.
	Sept 22	Unit 2. Environment of health hazards. Environmental degradation. Pollution & associated health hazards. Unit 3. Sanitation & Diseases: Definition & concept. Disposal of human & animal waste refuse sewage.
	Oct 22	Unit 4. Communicable disease & their control measures a) Malaria b) Typhoid c) Hepatitis - types d) TB e) Chikungunya f) Dengue g) AIDS. Unit 5. Non-communicable diseases & their Preventive measures. a) Hypertension b) Coronary Heart disease. c) stroke d) obesity g) mental ill health.

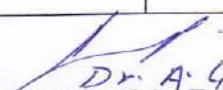

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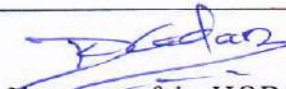

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TEACHING PLAN

Class : F.Y.B.A. Sem.: I Subject : Hindi साहित्य सरिता Paper Code. : 3112210511
सामान्य हिंदी - I

Sr. No.	Month	Topics/Practical's
1)	ऑगस्ट 22	* पाठ्य क्रम - * प्रथम सत्र * <u>गाय-विभाग</u> साहित्य सरिता
		* पूस की रात - प्रेमचंद (कहानी)
		* प्रायश्चित्त - भगवती चरण वर्मा (कहानी)
2)	सप्टेंबर 22	* साहित्य की महत्ता - आचार्य म.प्र. विवेकेश्वर
		* वैष्णव की फिसलन - हरिशंकर परसाई (व्यंग्य)
		* शीत की हड्डी - जगदीशचन्द्र माथुर ... (एकांकी)
		* सुभान खाँ - रामवृक्ष बेनीपुरी ... (रेखाचित्र)
		* प्रथम सत्र * साहित्य सरिता - <u>पद्य विभाग</u>
3)	ऑक्टोबर 22	* दोहे - कबीरदास
		* पद - सूरदास
		* पद - तुलसीदास
		* पदावली - मीराबाई
		* दोहे - विशारी
4)	नोव्हेंबर = 22	* पदावली - भूषण
		* <u>व्याकरण</u> *
		* विलोमार्थक शब्द
		* विपरीतार्थक शब्द
		* आवेदन पत्र लेखन
		* नौकरी के लिए आवेदन पत्र

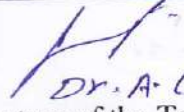

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Class : F.Y.B.A. Sem.: II Subject : Hindi साहित्य सरिता Paper Code. : 3112220521

Sr. No.	Month	Topics/Practical's
		* पाठ्यक्रम : <u>द्वितीय सत्र गद्य-विभाग</u>
5)	जनवरी 23	* मेरी विदिया - सुखमा मुनीन्द्र - ... (कहानी)
		* पहला रोजा - जहीर कुरेशी - ... (कहानी)
		* यंत्र से क्या बेकारी बढ़ती है ? ... वि. दा. सावरकर (निबंध)
		* मारे गए गुलफाम - डॉ. दिलीप पटेल ... (व्यंग्य)
6)	फरवरी 23	* यहाँ रोना मना है - ^{ममता कालिया} महादेवी वमा - ... (एकांकी)
		* पुण्य स्मरण - महादेवी वमा - ... (स्मरण)
		* <u>द्वितीय सत्र</u> *
		<u>पद्य - विभाग</u>
		* कैदी और कोकिला - माधवलाल चणुवेदी
7)	मार्च 23	* विद्यदा - सूर्यकांत त्रिपाठी 'निराला' - ...
		* कालेदास से - नागार्जुन (बैद्यनाथ मिश्र)
		* टूटा पहिया - धर्मवीर भारती
		* साथी! युद्ध से घबराता है ? - गोपालदास सक्सेना 'नीरा'
8)	एप्रिल 23	* हरेराम नेमा समीप - हरेराम नेमा 'समीप'
		* <u>व्याकरण</u> *
		* संख्यावाचक शब्दों का लेखन ।
		* मुहावरों के अर्थ तथा प्रयोग ।
		* लोकोक्तिओं के अर्थ तथा प्रयोग ।
		* अशुद्धि शोधन (वाक्य शुद्धिकरण)

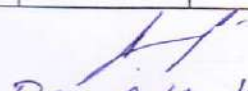

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TEACHING PLAN

Class : F.Y.B.Com Sem.: I Subject : Hindi साहित्य गंध Paper Code : 2132210023
साहित्य -

Sr. No.	Month	Topics/Practical's
		* पाठ्य क्रम - प्रथम सत्र गद्य - विभाग *
1)	अगस्त-22	* साहित्य गंध *
		* दूध का दाम - प्रेमचंद -- (कहानी)
		* हींगवाला - सुभद्राकुमारी चौहान ... (रेखाचित्र)
		* हमारी राष्ट्रीय एकता - रामधारी सिंह 'दिनकर' ... निबंध
2)	सितम्बर-22	* एक गोपकक्ष - शंकर पुणतांबेकर ... व्यंग्य
		* रतन टाटा - ... (जीवनी)
		* अजीम प्रेमजी - ... (जीवनी)
		* प्रथम सत्र - पद्य विभाग
		* दोनों ओर प्रेम पलता है - मैथिलीशरण गुप्त
3)	अक्टूबर-22	* गीत - फ़रोश - भवानी प्रसाद मिश्र
		* मैं अपनी राह बनाते आप चला ... देवेश ठाकुर
		* कविता पिता की - ... विश्वाचार देशमुख
		* दोहे - ... कबीरदास
		* साखी - ... कबीरदास
4)	नवम्बर-22	* व्याकरण *
		* पारिभाषिक शब्दावली
		* वाणीज्य : पत्र-लेखन
		* अशुद्धि शोधन


Dr. A. K. Khurda

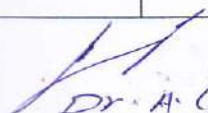
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TEACHING PLAN


Class : F.Y.B.Com Sem.: II Subject : Hindi शब्दगंध Paper Code. : 2132220023

Sr. No.	Month	Topics/Practical's
		* द्वितीय सत्र - भाग II *
5)	जनवरी-23	* सेल्समैन --- शान प्रकाश विवेक... (कहानी) * अपराध --- संजीव --- (कहानी) * दीपावली: सामाजिक मंगलच्छा का पर्व... आचार्य. इ. प्र. विवेकी... निबंध
6)	फरवरी-23	* विमला की शादी --- सुधीर ओम्बेदे... (व्यंग्य) * भँवलाल जैन । भाऊ साहब । ... (जीवनी) * डॉ. बद्रीनारायण चारवाले ... (जीवनी) * द्वितीय सत्र पद्य II *
7)	मार्च फरवरी-23	* मैं सिन्धु नदी का जल हूँ --- अशोक चक्रधर * अनामिका ... ब्रजगह * क्या तुम जानते हो --- निर्मला पुरल * मेरे अधिकार कहां हैं ? --- जयप्रकाश कर्दम
8)	एप्रिल-23	* कोरोना - अशोक कोतवाल * व्याकरण * * सारलेखन * अपठित गद्यांश के आधार * विश्लेषण * पारिभाषिक शब्दावली

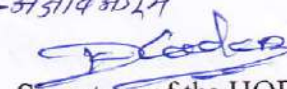

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Sr. No.	Month	Topics/Practical's	MIL-I S.Y.B.A.
		* पाठ्य क्रम - * लेखन कोशल: मीडिया एवं साहित्य (लघुकथा)	
1)	ऑगस्ट-22	* इकाई - I मीडिया लेखन: 1) पत्रकारिता: स्वरूप, महत्त्व एवं आवश्यकता 2) पत्रकारिता के प्रकार: ग्रामीण पत्रकारिता * कृषि पत्रकारिता * दूरदर्शन पत्रकारिता * फिल्म पत्रकारिता	
2)	सितम्बर-22	* वेब पत्रकारिता एवं * खेल पत्रकारिता 3) विज्ञापन: स्वरूप, महत्त्व एवं आवश्यकता, विज्ञापन पत्र के प्रकार	
3)	अक्टूबर-22	* इकाई - II साहित्य लेखन: कहानी एवं लघुकथा 1) कहानी एवं लघुकथा का उद्भव एवं विकास 2) कहानी एवं लघुकथा के तत्वों का विवेचन 3) कहानी एवं लघुकथा में अंतर	
4)	नवम्बर-22	* इकाई - III पाठ्य पुस्तक: हिंदी की प्रासंगिक लघुकथाएँ (1875-2015) * 1) एक टोकरा भर मिट्टी - माधवराव सत्रे 2) इलमला - पदुमलाल पुन्नालाल वर्मा 3) उाधिकारी पाकर - माखनलाल चतुर्वेदी 4) कलावती की शिक्षा - जयशंकर प्रसाद 5) बड़ा क्या है ? - पं. ह. प्र. विवेदी 16) रिश्ता - मुद्गल 6) सेठजी - कन्हैयालाल मिश्र प्रभाकर शंकर 7) राष्ट्र का सेवक - मुंशी प्रेमचंद 17) रुहात - वृण-दा 8) गिल्ट - उपेन्द्रनाथ 'अशक' 9) शौचालय - विनोबा भावे 18) रक्षा - गोविंद शर्मा 10) बीज बनने की कल्पना - राहु - रामधारी सिंह 11) विश्वास - सतीशराज पुष्करणी 12) अपना - परमा - हरिशंकर परसाई 13) समय समय की बात - जगन्मोहन सिंह आदर्श 14) आम आदमी - शंकर पुणतावेकर 15) इतिहास पुराण - डॉ. श्यामसुंदर दास 16) सफाई अभियान - अंजीव अंसुम 17) अंतर - रणकुमार शर्मा	


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19) अंतर - रणकुमार शर्मा
 20) अंतर - रणकुमार शर्मा


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TEACHING PLAN

Class : 9-Y.B.A. Sem.: IV Subject : Hindi MIL-II Paper Code. : _____

Sr. No.	Month	MIL-II Topics/Practical's
5)	जनवरी-23	* लेखन कौशल : मीडिया एवं साहित्य (गीत-नवगीत) * पाठ्यक्रम - * इकाई-I मीडिया लेखन:
6)	फरवरी-23	i) <u>प्रिंट माध्यम</u> : फीचर लेखन, यात्रा वृत्तान्त, साक्षात्कार, पुरस्कार समीक्षा। ii) <u>इलेक्ट्रॉनिक माध्यम</u> : रेडियो, दूरदर्शन, फिल्म, परकथा लेखन। iii) <u>सोशल मीडिया</u> :- व्हाट्सप, फेसबुक, ट्वीटर, इंस्टाग्राम।
7)	मार्च-23	* इकाई II : साहित्य लेखन : गीत एवं नवगीत i) गीत तथा नवगीत का स्वरूप एवं तात्विक विवेचन। ii) हिंदी गीत तथा नवगीतों का विकासार्थक परिचय। iii) गीत-नवगीत का रचना सौष्ठव : भाषा शैली, गेयता, प्रतिक, विभव, अलंकार और छंद।
8)	अप्रिल-23	इकाई III : हिंदी अध्ययन मंडल, कवचोडमवि जलगांव द्वारा संपादित पाठ्यपुस्तक- * <u>गीत-नवगीत</u> (प्रतिनिधि रचनाएँ) प्रकाशक : मश पब्लिशर्स एण्ड डिस्ट्रिब्यूटर्स प्रा. लि. नई दिल्ली निर्धारित गीत एवं नवगीत :- 1) मातृवन्दना - सूर्यकांत त्रिपाठी 'निराला'.

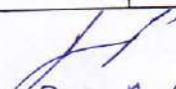
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Class : _____ Sem.: _____ Subject : _____ Paper Code. : _____

Sr. No.	Month	Topics/Practical's
		2) बदरिमा थम-थम कर झररी - माखनलाल
एप्रिल-23		3) खेत हरियाए तो मन हरियाए - हरिवंशराय बच्चन
		4) आज शरद की पुरनमासी - गिरिजाकुमार माथुर
		5) सूर्य है हम - देवेन्द्र शर्मा 'इन्द्र'
		6) उन्हें पुकारो - गुलाबसिंह
		7) बहुत गहरे है पिता - अनूप अशोक
		8) कोसी गाती - बुद्धिनाथ मिश्र
		9) तीरथ का धार बिकाने - श्यामसुंदर दुबे
		10) गंगोत्री में पलना डुले - उमाकांत मालवीय
		11) रूप तुम्हारा - ओम प्रकाश सिंह
		12) तम छटेगा - श्रीराम परिहार
		13) जीवन नहीं मरा करता है :- गोपालदास निरु
		14) उतनी दूर पिया तुम मेरे गाँव से - डॉ. कुँअर बेक
		15) मन समर्पित तन समर्पित - रामावतार न्यागी
		* * *


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TEACHING PLAN

Class : S.Y.B.A. Sem.: I Subject : Hindi - कवि्य शिखर Paper Code. : 840502

Sr. No.	Month	Topics/Practical's
		* पाठ्य क्रम का स्वरूप *
1)	अगस्त-२२	* इकाई - I * काव्य तथा साहित्य की परिभाषाएँ - संस्कृत अंग्रेजी, तथा हिंदी की प्रचलित परिभाषाओं की व्याख्या ।
2)	सितम्बर-२२	* क) काव्य के हेतु । प्रतिभा, व्युत्पत्ति, अभ्यास ख) काव्य के प्रयोजन (भारतीय एवं पश्चात्य) (सूक्ष्म अध्ययन उपोद्दिष्ट नदी) * इकाई - II
3)	अक्टूबर-२२	* काव्य के तत्त्व - * भावतत्त्व । * व्युद्दिष्टतत्त्व । * कल्पना तत्त्व एवं * शैलीतत्त्व । * काव्य के भेद :- अ) भेद का आधार - * आवणियता एवं * दृश्यात्मकता । आ) प्रबंध काव्य : महाकाव्य एवं खंड काव्य । मुक्तक काव्य : गीतिकाव्य, गजल (स्वरूप एवं अंग) । मुक्तक एवं प्रबंध काव्य में अंतर ।
4)	नवम्बर-२२	* इकाई - III अलंकार :- अ) काव्य में अलंकारों का स्वरूप आ) निम्नलिखित अलंकारों का सोदाहरण परिचय 1) अनुप्रास 2) समक 3) श्लेष 4) उपमा 5) तुलना 6) विरोधाभास 7) आतिशयोक्ति 8) संदेह, 9) आनिमज 10) उदाहरण ।

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TEACHING PLAN

Class : S.Y.B.A. Sem.: II Subject : Hindi काव्यशास्त्र Paper Code. : _____

Sr. No.	Month	Topics/Practical's
		* पाठ्यक्रम * स्वरूप *
5)	जनवरी-23	इकाई I :- * शब्दशक्तिविधेयः - अभिधा, लक्षणा और व्यंजना का सामान्य परिचय (उपभेदोंका अध्ययन अपेक्षित नहीं) * गद्य के भेद :- * उपन्यास एवं कहानी (स्वरूप एवं तत्वोंका विस्तृत परिचय।) * निबंध, संस्मरण, रेखाचित्र, आत्मकथा, जीवनी, एकांकी, दूरदर्शन, नाटक, रेडियो, नाटक... (स्वरूप एवं तत्वोंका सामान्य परिचय)
6)	फरवरी-23	इकाई II :- * रस :- रस की व्याख्या, * रस के भंग, * रस के प्रकार :- शृंगार, वीर, करुण, एवं हास्य रस (सामान्य परिचय) * आलोचना :- स्वरूप, आवश्यकता, एवं आलोचक के गुण। (आलोचना के प्रकार अपेक्षित नहीं)
7)	मार्च-23	इकाई III :- छंदः - छंद का काव्य में स्वरूप। * निम्न लिखित छंदोंका सौदास्य परिचय। * मात्रिक छंदः दोहा, चौपाई सोरठा, रेखा, हरि * वार्तिक छंदः - इजपत्ता, शिखरिणी, भुजंग प्रयाग वसंतलीलिका, कवित्त।


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TEACHING PLAN

Class : T.Y.B.A. Sem.: I Subject : Hindi Paper Code. : 850508

Sr. No.	Month	संपादन लेखन और साहित्य (मुद्रित माध्यम) Topics/Practical's
		* पाठ्य क्रम का रचनप
1)	अगस्त-22	* इकाई I : संपादन 1) संपादन: अवधारणा, उद्देश्य और आधारभूत तत्व। 2) संपादन: निष्पक्षता और सामाजिक संदर्भ। 3) संपादन कला के सामान्य सिद्धांत।
2)	सितम्बर-22	* इकाई II : संपादक 1) संपादक: योग्यता, दायित्व और भन्व 2) संपादकीय लेखन के प्रमुख तन्व। 3) संपादकीय लेखन की प्राविधि।
3)	अक्तूबर-22	* इकाई III उल्लेखनीय संपादकीयः अ) प्रमुख हिंदी समाचार पत्रों के उल्लेखनीय संपादकीय :- 1) दै. नई दुनिया दि. 15 अगस्त 2016 संपादकीय : ॥ विश्व में हिंदी का निरंतर विकास। 2) दै. नवभारत टाइम्स दि. 25 अप्रैल 2019 संपादकीय - ॥ वातावरण और विकास।
4)	नवम्बर-22	3) दै. राष्ट्रीय जागरण दि. 8 सितम्बर 2019 संपादकीय - हम होंगे कामयाब। 4) दै. उमर उजाला दि. 20 नवम्बर 2019 संपादकीय: ॥ दूर संचार क्षेत्र में हलचल। 5) दै. भारत-कर, दि 3 जनवरी 2020 संपादकीय: ॥ उम्मीदवारी का फार्मूला। 6) दै. जनसत्ता दि. 23 मई 2020 संपादकीय - ॥ जीवट का सफर ॥


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TEACHING PLAN

Class : _____ Sem.: _____ Subject : _____ Paper Code. : _____

Sr. No.	Month	Topics/Practical's
		आ) प्रमुख हिंदी पत्रिकाओं के उल्लेखनीय
4)	नवम्बर-24	संपादकीय :- 1) आलोचना त्रैमासिक 49, सदस्य-त्रावडी अंक उन्चास. अप्रैल-जून 2013 संपादकीय :- "रचने की न्यूनतम अहंता" संपादक - अरुण कमल ।
		2) नया ज्ञानोदय, अंक 62, अप्रैल 2008 (भारतीय ज्ञानपीठ की मासिक पत्रिका) संपादकीय - 'दर्शन स्वतः' संपादक रवींद्र कालिया
		3) बहुवचन हिंदी की अंतर्राष्ट्रीय त्रैमासिक पत्रिका. अंक 37, अप्रैल-जून 2013. संपादकीय - आरंभिक - "दूसरे समय में कहानी, संपादक: अशोक मिश्रा ।
		4) सामयिक सरर-वती - शब्दों का उत्सव, वर्ष 4 अंक 13-14 (थर्ड जेडर विशेषांक) (सामयिक प्रकाशन का त्रैमासिक) संपादकीय - "जारी है आरंभिक की लड़ाई." संपादक : शरदी सिंह
		5) जनपथ, जून - जुलाई 2011, संपादकीय पहली इश्ट - "कुछ और सामान की तलाश" संपादक अनिता संपादक - राजकुमार राकेश ।
		6) वाग्यर्थ अंक 24 मार्च 1997 संपादकीय - "सिर्फ शोकगीत नहीं, संपादक - प्रभाकर श्रोतिय ।
		* * * * *


Dr. A. K. Kharola
Signature of the Teacher


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TEACHING PLAN

Class : T.Y.B.A. Sem.: ~~IV~~ Subject : Hindi Paper Code. : _____

Sr. No.	Month	MIL IV - Hindi : सिनेमा और साहित्य : (इलेक्ट्रॉनिक माध्यम) Topics/Practical's
		* पाठ्यक्रम का स्वरूप *
1	अप्रैल-22 5 नवंबर-23	इकाई I : प्रारंभिक सिनेमा का संक्षिप्त इतिहास 1) प्रारंभिक दौर का हिंदी सिनेमा । 2) स्वतंत्रता आंदोलन और हिंदी सिनेमा । 3) हिंदी सिनेमा में भारतीय समाज का यथार्थ ।
2	सितंबर-22 फरवरी-23	इकाई II - हिंदी सिनेमा का तकनीकी पक्ष 1) फिल्म निर्माण की प्रक्रिया । 2) सिनेमा की परकथा - अर्थ, परिभाषा स्वरूप, परकथा लेखन की प्रक्रिया । 3) सिनेमा के संवाद - अर्थ, स्वरूप, संवाद लेखन की प्रक्रिया, भाषा - शैली ।
3	अक्टूबर-22 मार्च-23	इकाई III : उदय प्रकाशु द्वारा लिखित 'मोहनदास' इस लंबी कहानी पर बनी फिल्म - 'मोहनदास' का समीक्षात्मक अध्ययन । 1) कथा - परकथा में अंतर । 2) कहानी के पात्र एवं फिल्म के पात्र में आया परिवर्तन ।
4	अप्रैल-23	3) संवाद, भाषा-शैली में आया परिवर्तन ।
		* पाठ्यपुस्तक : 'मोहनदास' लेखक : उदय प्रकाश प्रकाशक : वाणी प्रकाशन, नई दिल्ली
		Film Link : https://youtu.be/30zNgPwMj5I निर्देशक - मजहर कामरान निर्मिति : वार्निका फिल्म प्रा. लि. कथा-परकथा संवाद - उदय प्रकाश

Signature of the Teacher
Dr. A. C. Khurda

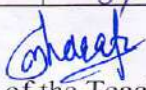
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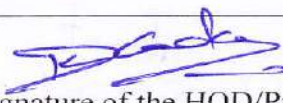
2021

Class: F.Y.B.A. Sem.: Ist Subject: Compulsory English Paper Code: CENG 101

Sr. No.	Month	Topics/Practical's
1	Aug-22	Unit 1 Prose a) The Mark of Vishnu - Khushwant Singh b) A Cup of Tea - Katherine Mansfield c) India's Message to the World - Swami Vivekanand.
2	Sept-22	Unit: 2 Poetry a) Where the Mind is Without Fear - Rabindranath Tagore b) A Quality Mercy - William Shakespeare c) The Bangle Sellers:- - Sanyini Naidu d) The Lake Isle of Innisfree - W.B. Yeats
3	Oct-22	Unit: 3 Communication Skills a) Comprehension b) Introduction Yourself c) Information Transfer - verbal to Non Verbal
4	Nov-22	Unit: 4 Grammar a) Part of speech i) Noun ii) Pronoun iii) Verb iv) Adverb b) Articles



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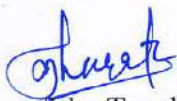
Class: S.Y.B.A

Sem.: IIIrd

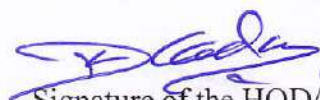
Subject: Compulsory English

Paper Code.: CENG 241

Sr. No.	Month	Topics/Practical's
1	Aug 22	Unit I st : Literature I) Short stories: a) The Lady or a Tiger? - Frank R. Stockton. b) Kabuliwala - Rabindranath Tagore
2	sept-22	I) Short stories - Kabuliwala - Rabindranath Tagore. II) Essays a) Spoken English Broken English - G. B. Shaw. b) Modern Improvements: - John Ruskin
3	Oct-22	Modern Improvements - John Ruskin III) Poems a) A Red Red Rose - Robert Burns b) All the world's a stage - William Shakespeare
4	Nov-22	Unit: 2 - Word formation a) Affixation b) Compound words Unit: 3: Skills in writing. a) SMS b) E-Mail c) Net Lingo



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TEACHING PLAN

860111

Class: TYBA Sem.: V Subject: Compulsory English Paper Code.: CEN9 361

Sr. No.	Month	Topics/Practical's
1	Aug-22	Unit: 1: Written Communication I) Letter Writing A) formal letters by business correspondence: Sales letters, Inquiry letters Order and replies. C) Applications for Jobs
2	Sept-22	B) Goodwill letters: Invitation, Congratulatory, Thanking. II) Notice, Agenda, Minutes of Meeting. III) Advertisement Writing. Unit: 2
3	Oct-22	Comprehension and Writing skills. I) Reading Comprehension. II) Summarization III) Expansion of an Idea.
4	Nov-22	IV) Story Building. V) Report Writing: - Types, Structure, Parts, Examples VI) Usage of Punctuations.



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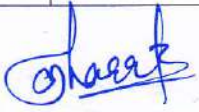
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TEACHING PLAN

and Business

Class: FYB Com Sem.: Ist Subject: English for Commerce Paper Code. : _____

Sl. No.	Month	Topics/Practical's
1	Aug-22	Unit: I : Introduction to the Communication Process A) Definition and Process of communication. B) Types of communication. C) Communication According to context:- (Formal and Informal) D) Barriers to effective communication.
2	Sept-22	E) Effective Communication :- Advantages & Techniques Unit: 2: Oral Communication. A) Types of personal Interviews. B) How to face an Interview C) Group Discussion: Introduction Importance, Process, Preparing for group discussion. D) Presentation skills: (Importance, Types, Principles of effective presentations)
3	Oct 22	E) Anchoring :- (Introduction, Techniques) F) speeches :- (Public; Welcome speech)
4	Nov 22	Unit: 3: Professional Skills A) Attitude: (Meaning and Importance of positive thinking) B) Team Building: (Types and characteristics of Effective Team. C) Stress Management: (Meaning signs of stress and strategies to manage stress) D) Negotiation skill (Meaning, Importance & Win-Win negotiation.)



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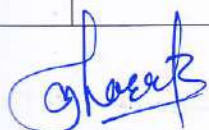


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TEACHING PLAN

Class: F.Y. B. Sc Sem.: Ist/nd Subject: English Communication Paper Code. : _____

Sr. No.	Month	Topics/Practical's
1	Aug-22	Unit: 1 st - Spoken and Written Skills I) Introduce Yourself II) Group Discussion and personal Interview
2	Sept 22	III) Writing Job Application IV) Preparing Resume, Curriculum Vitae (CV), and Bio-Data.
3	Oct 22	Unit: 2: Grammar I) Nouns II) Pronouns III) Adjectives IV) Verbs
4	Nov. 22	V) Adverbs VI) Prepositions VII) Conjunctions VIII) Interjections.



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TEACHING PLAN

Class : FYBA Sem.: IInd Subject : Compulsory English Paper Code. : CENG

Sr. No.	Month	Topics/Practical's
1	January 2023	Unit 1 : Prose A) The Lumber Room - Saki B) The Lottery Ticket - Anton chokov C) A lesson my father taught me - Dr. A.P.J. Abdul Kalam
2	February 2023	Unit : 2 Poetry : A) Stopping by woods on a Snowy Evening - Robert frost B) Poet, love and Bird Watcher - Nissim Ezekiel C) The Solitary Reaper - William Wordsworth D) Sea- fever - John Masefield.
3	March 2023	Unit : 3 : Communication skills A) Greeting and leave Taking B) Application letter C) Information Transfer - Non-verbal to Verbal
4	April 2023	Unit : 4 : Grammar A) Parts of speech - i) Adjective ii) Preposition iii) Conjunction iv) Interjection B) Subject- verb Agreement (concord)



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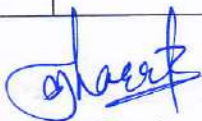


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TEACHING PLAN

Class : S-Y-B-A Sem.: IVth Subject Compulsory English Paper Code. : CENG

Sr. No.	Month	Topics/Practical's
1	January 2023	Unit: 1 Literature 1) Short stories A) Salt Inspector - Premchand B) All About A Dog - A. G. Gardiner
2	February 2023	1) Short stories: B) All about A Dog - A. G. Gardiner 2) Essays:- A) The Power of Prayer - Dr. A. P. J. Abdul Kalam. B) Values In life - Rudyard Kipling.
	March 2023	2) Essays: B) Values In life - Rudyard Kipling. 3) Poems: A) Stopping By Woods on a Snowy Evening - Robert Frost B) Ozymandias - P. B. Shelley.
	April 2023	Unit: 2 - Grammar 1) Sentence: kinds and functions 2) clauses (Noun clause, adverbial clause) Unit: 3 Communication Skills 1) Situational Dialogues 2) Small news writing 3) Information Transfer: Non-Verbal, Verbal



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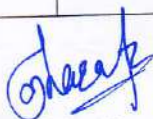


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TEACHING PLAN

Class: TYBA Sem.: Vth Subject: Compulsory English Paper Code.: CENG

Sr. No.	Month	Topics/Practical's
1	January 2023	Unit: I Oral Communication. I) Interviews (i) Types of Interviews (ii) Presentation (iii) Self Assessment (iv) Question commonly asked in an Interviews II) Presentation Skills
2	February 2023	III) Speeches (i) Stages (ii) Occasions and Examples IV) Dialogue Skills V) Group Discussion (i) Group Dynamics (ii) purposes and tips for preparation
3	March 2023	Unit: 2: Methods of Communication: Non-verbal & Technical (i) Non-verbal aspects of written communication
4	April 2023	(ii) Body language. (iii) Paralanguage (iv) Modes of communication & Technical communication



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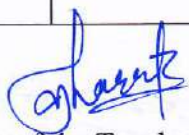


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TEACHING PLAN

Class : FYB Com Sem.: IInd Subject : English for Commerce & Business Paper Code. : _____

Sr. No.	Month	Topics/Practical's
1	January 2023	Unit:1: Written Communication. (i) Letter Writing. (ii) Resume and CV Writing. (iii) Application Writing.
2	February 2023	(iv) Meetings (v) Advertisements. Unit:2: Soft Skills (i) Introduction (ii) Meaning, Nature and Importance of Soft Skills. (iii) Attributes Attributes and Techniques to improve soft skills.
3	March 2023	(iv) Time Management (v) Body Language (vi) Paralanguage. Unit:3: Technical communication (i) Introduction (ii) Technical communication
4	April 2023	(iii) E-mail (iv) Powerpoint Presentation (v) Telephonic communication.



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TEACHING PLAN - 2022/23 DSE-2A

Class : S.V.BA Sem.: III Subject : अमेरिकेचे शासन आणि संघकारण Paper Code : _____

Sr. No.	Month	Topics/Practical's
1)	Aug 2022	प्रकरण - 1 ले. अमेरिकेची राज्यघटना - राज्यघटनेचे स्वरूप - ऐतिहासिक पार्श्वभूमी - अमेरिकन राज्यघटनेची वैशिष्ट्ये, घटना पुरस्ती, प्रक्रिया - मूलभूत हक्क - अर्थ आणि वैशिष्ट्ये - संघराज्यवाद - रचना, कार्य आणि सत्ता.
	Sept. 2022	प्रकरण - 2 अमेरिकेचे शासन आणि प्रशासन. अ) अमेरिकन कार्यदेमंड - ऐतिहासिक पार्श्वभूमी 1. सिनेट - रचना, अधिकार, कार्य आणि भूमिका 2. प्रतिनिधीगृह - रचना, अधिकार, कार्य आणि भूमिका. 3. प्रशासकीय सेवा - कार्य, कार्यवाद, निर्णयनिधीकरण व अंमलबजावणी मधील भूमिका. ब) अमेरिकन कार्यकारी मंडळ. 1. राष्ट्रध्यक्ष - विवद, अधिकार कार्य आणि भूमिका 2. सल्लागार मंडळ - विवद, अधिकार कार्य आणि भूमिका 3. राज्य सरकार - राज्यपाल, कार्यदेमंड.
	Oct 2022	क) अमेरिकन न्यायमंडळ. 1. न्यायालयांची भूमिका - रचना, प्रकार कार्य आणि अधिकार 2. न्यायालयाचे कार्य सेवा व न्यायिक पुनर्विलोकन 3. कार्यदेमंड व कार्यकारी मंडळातील संबंध आव्युक्ति प्रवाद.
	NOV 2022	प्रकरण - 3 - राजकीय पक्ष आणि अमेरिकन पक्ष पद्धती 1. राजकीय पक्ष - ऐतिहासिक पार्श्वभूमी, प्रकार भूमिका, कार्य व आव्युक्ति प्रवाद 2. हिलसेव्थ गार व चॅलेंजरी - ऐतिहासिक पार्श्वभूमी, प्रकार, भूमिका कार्य व आव्युक्ति प्रवाद 3. प्रसार माध्यमांची भूमिका, माहिती व लक्ष्यता.

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Kel.Ann. all Science
St. College, Sakri (Dhule)

2022-23
TEACHING PLAN

Class : S.Y.BA Sem.: III Subject : राज्यशास्त्रीय संशोधन पद्धति Paper Code. : SEC-1

Sr. No.	Month	Topics/Practical's
1)	Aug 2022	प्रकरण पहिले - संशोधन पद्धतीची ओळख. 1. अर्थ व्याख्या, उद्देश आणि महत्व. 2. संशोधन पद्धतीची वैशिष्ट्ये 3. संशोधन पद्धतीची आव्हाने आणि समस्या.
2)	Sept 2022	प्रकरण - दुसरे - संशोधन पद्धति 1. संशोधन पद्धतीच्या पाय-या (रूपे) - अर्थ 2. गृहीतकृत्य - अर्थ व्याख्या आणि महत्व. 3. वस्तुनिष्ठता - अर्थ व्याख्या आणि महत्व. 4. प्रश्नावली आणि अनुसूची मातील परीक्षे
3)	OCT/ NOV 2022	प्रकरण - तिसरे - संशोधन पद्धतीतील लेखन अहवाल. 1. संशोधन सामग्री - अर्थ व्याख्या आणि महत्व. 2. नमुना निवेदन - अर्थ, व्याख्या आणि महत्व. 3. अहवाल लेखन - अर्थ व्याख्या आणि महत्व. 4. निष्कर्ष आणि संदर्भ सूची. ग्रंथ सूची पद्धत.

Signature of the Teacher

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Sr. College, Pimpri Tel. Sekel (Dhulal)

Sr. No.	Month	Topics/Practical's
1)	Aug 2022	<p>प्रकरण- 1 अरिस्तोत्तम.</p> <p>अ) राज्य विषयक विचार</p> <p>ब) राज्याचे वगिळण, आवरी राज्य</p> <p>क) नागरिकत्वाची संकल्पना आणि गुलामगिरी-विषयक विचार</p> <p>ड) कोलीची करणे, प्रकार, मुख्यमापन.</p>
2)	Sept 2022	<p>प्रकरण- 2 मॅकिवेली.</p> <p>अ- मानवी स्वभावावकलनेचे विचार</p> <p>ब - राजन्यावकलनेचे विचार</p> <p>क- धर्म आणि नैतिकता</p> <p>ड- राजाला केलेला उपदेश, स्वाध्य आणि साधनावाकलनाची भले</p> <p>इ. आधुनिक राजकीय विचारवंत. मुख्य मापन.</p>
3)	Oct/Nov 2022	<p>प्रकरण- 3 रूसो</p> <p>अ- सामाजिक करार सिद्धांत आणि त्यांचे महत्त्व</p> <p>ब. सामाजिक ईश संकल्पना</p> <p>क. मानवी स्वभाव आणि राज्याचे स्वरूप.</p> <p>ड. जबाबदार सरकार, सार्वभौमत्व</p> <p>इ. स्वातंत्र्य विषयक विचार मुख्यमापन आणि परिक्षण.</p>

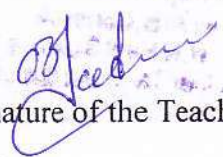
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Principal
Karm.A.I. Arts, Comm. &
K.P. Science
Tal. Sakri (Dhule)
Signature of the HOD/Principal

TEACHING PLAN 2022-23 GE-1A

Class : T.P.BA Sem.: V Subject : भारतीय सनकी सेवा Paper Code. :

Sr. No.	Month	Topics/Practical's
1	Aug 2022	<p>प्रकरण - पहिले - सनकी सेवा.</p> <p>1- सनकी सेवा अर्थ, व्याख्या आणि महत्व.</p> <p>II- सनकी सेवा रालेहासिक पार्श्वभूमी आणि विकास</p> <p>III- सनकी सेवेची वैशिष्ट्ये</p> <p>IV- सनकी सेवेचे कार्य आणि भूमिका.</p> <p>V- सनकी सेवेची गुणवत्ता.</p>
2	Sept/Oct 2022	<p>प्रकरण - दुसरे भरती, प्रशिक्षण आणि बढती.</p> <p>अ- भरती - भरती.</p> <p>1) भरती अर्थ, व्याख्या आणि महत्व.</p> <p>II) भरतीच्या पध्दती, प्रकार आणि समस्या</p> <p>ब- प्रशिक्षण.</p> <p>1) प्रशिक्षणाचा अर्थ, व्याख्या, उद्दिष्ट्ये आणि महत्व</p> <p>II) प्रशिक्षणाक पध्दती आणि प्रकार</p> <p>क- बढती वा पदोन्नती.</p> <p>1) बढती अर्थ, व्याख्या आणि महत्व.</p> <p>II) बढतीचे लक्ष्ये</p>
3	Oct/ Nov/ 2022	<p>प्रकरण - तिसरे - सेव आणि राज्य लोक सेवा आयोग.</p> <p>1) भारतीय भरतीची पध्दत</p> <p>II) पात्रता निश्चित करण्य्या पध्दती</p> <p>III) प्रशिक्षण आणि नियुक्ती</p> <p>IV) आरक्षण धोरण</p> <p>V) सेवानियुक्ती सिध्दांत, प्रकार, पध्दती, कायदे. हे लू व महत्व.</p>


Signature of the Teacher


Principal
Karn.A.M.Patil Arts, Comm.&
K.L.Annasheb N.K.Patil Science
Karn.A.M.Patil Tal Sakri (Dhule)

TEACHING PLAN 2022-23

SEC-3

Class : T.Y.BA Sem.: V Subject : पत्रकारिता आणि जनसंचार Paper Code. :

Sr. No.	Month	Topics/Practical's
1)	Aug 2022	प्रकरण पहिले - पत्रकारितेची आकडेवारी. I) पत्रकारिता - अर्थ, व्याख्या, स्वरूप, व्याप्ती, वैशिष्ट्ये वा विशेषतः उद्देश आणि महत्त्व II) पत्रकारिता आणि समाज III) माध्यमे आणि शासन. IV) वृत्तपत्र स्वातंत्र्य आणि भारतीय राज्यघटना V) राजकीय जागृती आणि राजकीय सामाजीकरणातील माध्यमांची भूमिका.
2)	Sept/ Oct 2022	प्रकरण दुसरे - जनसंचाराची ओळख. I) जनसंचाराची अर्थ, व्याख्या, स्वरूप आणि प्रकीया II) जनसंचार माध्यमे. III) प्रेषकाचे प्रकार IV) प्रेषकांची वैशिष्ट्ये V) जागरूकता आणि संस्कृतारो सामाजीकरण.
3)	Oct/ Nov 2022	प्रकरण तिसरे - पत्रकारिता आणि जनसंचाराचे मूल्यमापन I) पत्रकारिता आणि जनसंचाराची भूमिका आणि जबाबदारी II) पत्रकारिता आणि पत्रकारिता गटांची बदलती भूमिका III) पत्रकारितेची आवर्षी आचारसंहिता वा नैतिक मूल्ये IV) नैतिक माध्यमाचा वापर V) पत्रकारिता आणि जनसंचाराच्या समोरील आव्हाने.

Signature of the Teacher

Principal
Karm.A.M. : -II Arts, Comm. &
Rel. Ann. : N.K. Patil Science
Signature of the HOD/Principal

Special-2 (2022-23)
TEACHING PLAN

Class : SY.B.A Sem.: IV Subject : चीनचे शासन आणि राजकारण Paper Code. : DSE2A

Sr. No.	Month	Topics/Practical's
1)	Jan 2022	प्रकरण - पहिले चीनची राज्यघटना I - ऐतिहासिक पार्श्वभूमी II - राज्यघटनेचे स्वरूप. III - राज्यघटनेची वैशिष्ट्ये - IV - घटना दुरुस्ती प्रक्रिया V - घटनात्मक एकता - अर्थ आणि वैशिष्ट्ये VI - पारंपारिक संवैधान्यवाद रचना, कार्य आणि वैशिष्ट्ये, अधिकार
2)	Feb/Mar 2022	प्रकरण - दुसरे चीनचे शासन आणि प्रशासन. I - कार्यक्षेत्रांमधून - रचना कार्य आणि भूमिका II - कार्यकारी मंडळ - रचना कार्य आणि भूमिका III - न्यायमंडळ - रचना कार्य आणि भूमिका, IV - सैनिकी प्रशासन - रचना कार्य व सैनिकी प्रशासनाची भूमिका.
3)	March/April 2022	प्रकरण - तिसरे - राजकीय पक्ष आणि पक्ष पध्दती - I - राजकीय पक्ष - ऐतिहासिक पार्श्वभूमी, प्रकार भूमिका, कार्य आणि आधुनिक प्रवाह II - हिल संबंध गट आणि सामाजिक - पळवण - ऐतिहासिक पार्श्वभूमी, प्रकार, भूमिका, कार्य आणि आधुनिक प्रवाह. III - राजकीय पक्ष १ - नॅशनल कम्युनिस्ट पार्टी ऑफ चायना (CPC) २ - चायना डेमोक्रेटिक लीग (CDL) ३ - चायना नॅशनलिस्ट पार्टी (CNP) ४ - चायना असोसिएशन फॉर प्रोग्रेसिव्ह डेमोक्रेसी (CAPA) ५ - चायना पीपल अँड व्हाईस डेमोक्रेटिक पार्टी (PVDP)

[Signature]

Signature of the Teacher

[Signature]
Principal

Karm.A.M. P. & S. Comm. &
K. L. Ann. & S. N. K. Patil Science
& Arts College, Dhule. Tel. Sakti (Dhule)
Signature of the HOD/Principal

Sr. No.	Month	Topics/Practical's
1)	Jan 2023	१) निवडणूक व्यवस्थापन आणि संरचना - निवडणूक व्यवस्थापन: - अर्थ, व्याख्या, यशासाठी आवश्यक अटी, विविध टप्पे वा पाय-थोळाई - निवडणूक आयोग - संरचना, अधिकार, कार्य आणि महत्त्व. - निवडणूकीची आचारसंहिता. - निवडणूक सुधारणा - निवडणूक प्रक्रियेची दिशा - निवडणूक क्षेत्रांचे व्यवस्थापन व संरचना
2)	Jan/Feb 2023	२) निवडणूक प्रक्रिया आणि प्रचारात (अभियान) - मतदार नोंदणी पध्दती - कायदोपती ओळखीचा पुरावा - उमेदवारांच्या प्रतिनिधी (वाच्य) नामनिर्देशनाची कार्यपध्दती - राजकीय पक्ष नोंदणी अटी व शर्ती - मतदार जागृती अभियान - निवडणूकीच्या प्रचार तंत्रात माहिती लेटासाठीचा उपयोग.
3)	Feb/ March 2023	३) मतदान पध्दती आणि राजकीय संस्था. - प्रत्यक्ष आणि अप्रत्यक्ष मतदान - राजकीय संस्था पध्दत - मतदार वर्गीनावर प्रमाण राखणारे धातू - मतदान वा राजकीय उपासितल - स्वल्प कार्ये आणि उपायोजना - राजकीय संस्थांतील अडथळे

Signature of the Teacher

Principal

Karm.A.M.Patil Arts, Comm. &
Kai. Anandabhai N.K. Patil Science
Sr. College, Pimpri Tal. Sakinaka (Mhule)

Special-3
TEACHING PLAN (2022-23)

Class: TYBA Sem.: VI Subject: Western Political Thinker - II Paper Code: DSE-3B

Sr. No.	Month	Topics/Practical's
1)	Jan 2023	प्रकरण-1-9 जॉन स्टुअर्ट मिल. I) स्वातंत्र्य विषयक विचार II) स्त्री स्वातंत्र्य विषयक विचार III) राज्य विषयक विचार IV) पारिविधिक सरकार V) उपभोगीतावादपर्यंत विचार मुख्यभाषन.
2)	Jan/Feb 2023	प्रकरण-2 कार्ल मार्क्स I) शास्त्रीय समाजवाद II) कार्यवादी भौतिकवाद III) इतिहासवादी भौतिकवादी भीमांसा IV) वर्गसंघर्ष. V) आतिरिक्तमूल्य सिद्धांत. VI) राज्यावकल विचार वर्गविरहीत आणि समाजविरहीत राज्य VII) क्रोमोव्हा सिद्धांत व साम्यवाद मुख्यभाषन.
3)	Feb/ March 2023	प्रकरण-3 हेरील्ड लास्करी - I) सार्वभौमवादी बहुलवादी सिद्धांत. II) आधिकार वाचन विचार III) स्वातंत्र्याचा वाचन विचार IV) समता आणि कार्यदेविषयक मत. V) मॉडलशाहीवाचन विचार मुख्यभाषन.

[Signature]

Signature of the Teacher

[Signature]

Principal

Karm. A.M. Poo Arts, Comm. &
Kot. Annandale & K. Patil Science
College, Pimpri, Tal. Sakri (Dhule)

Signature of the HOD/Principal

(2022-23) ^{व्यवस्थापन आणि सुशासन} TEACHING PLAN

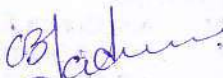
Class : T.V.B.A Sem.: VI Subject : Management & Paper Code. : GE-1B

Sr. No.	Month	Good Govt Topics/Practical's
1)	Jan 2023	प्रकरण - 9 ले. सुशासन. 1) सुशासन अर्थ व व्याख्या 2) सुशासन लक्षणे आणि वैशिष्ट्ये 3) सुशासनाचे ध्येय 4) सुशासनाच्या मागिलीत मंड्ये 5) सुशासनासमोरील आव्हाने
2)	Jan/Feb 2023	प्रकरण - 2 रे व्यवस्थापन. 1) व्यवस्थापन अर्थ, व्याख्या आणि प्रकार 2) व्यवस्थापनाची वैशिष्ट्ये 3) व्यवस्थापनाचे दृष्टीकोन. 4) व्यवस्थापनाची कार्ये (POSDCORB) 5) मशास्वी व्यवस्थापनाच्या कसोटी आणि महत्व.
3)	Feb/ March 2023	प्रकरण 3 रे - प्रशासकीय नेतृत्व. 1) प्रशासकीय नेतृत्व अर्थ आणि दृष्टीकोन. 2) प्रशासकीय नेतृत्वाचा विकास 3) प्रशासकीय नेतृत्वाचे आवश्यक गुण. 4) प्रशासकीय नेतृत्वाची कार्ये. 5) प्रशासन आणि सुशासन यातील संबंध.


Principal

Kam. A. M. Patil Arts, Comm. &
K. Annasaheb N. K. Patil Science
Sr. College, Pimpalner Tal. Sakri (Dhule)

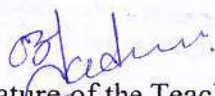
Signature of the HOD/Principal



Signature of the Teacher

राजकीय पत्रकारिता-2022-23
TEACHING PLAN

Class : T.Y.B.A Sem.: VI Subject : Political Journalism Paper Code. : SEC-4

Sr. No.	Month	Topics/Practical's
1)	Jan/ 2023	प्रकरण पहिले - राजकीय पत्रकारिता 1) अर्थ, व्याख्या, स्वरूप, व्याप्ती आणि वैशिष्ट्ये 2) राजकीय पत्रकारितेचे स्त्रोत. 3) राजकीय पत्रकारितेची आचारसंहिता. 4) पत्रकारितेचे व्यावसायिकीकरण 5) राजकीय पत्रकारितेची भय वा भीती
2)	Jan/Feb 2023	प्रकरण दुसरे - राजकीय पत्रकारितेची पध्दत 1) कार्यक्षेत्राच्या वृत्तीत. 2) राजकीय मुलाखती 3) पत्रकार परिषद 4) सक्ती राजकीय विश्लेषण. 5) राजकीय घटनांचे वार्षिकी
3)	Feb/ March 2023	प्रकरण तिसरे - राजकारण आणि माध्यमे 1) निर्णय प्रक्रियेवरील माध्यमाचा प्रभाव 2) नेटवर्क विकासात माध्यमाची भूमिका 3) जागरूकतेत माध्यमाची भूमिका 4) राजकीय पक्ष प्रभावित वा समर्थक वर्तमानपत्रे, पेट न्यूज 5) राजकीय पत्रकारिता आणि माध्यमासमोरील आव्हाने


Signature of the Teacher


Principal
Karm.A.M.D. Arts, Comm. &
K.Padi Sciences
Tal. Sakri (Dhule)
Signature of the HOD/Principal

TEACHING PLAN - 2022-23

Class : F.Y.B.A. Sem.: I Subject : Introduction to Indian Constitution Paper Code. : DSC-1-A Pol
6/101-A

Sr. No.	Month	Topics/Practical's
01	Augt - Sept - 2022 (20 ताबिका)	भारतीय संविधान आणि संघराज्य व्यवस्था अ) भारतीय संविधान - अर्थ, व्याख्या, ऐतिहासिक पार्श्वभूमी, संविधानाची निर्मिती, प्रक्रिया, संघनामा आणि भारतीय संविधानाची वैशिष्ट्ये ब) भारतीय संघराज्य - अर्थ, व्याख्या, स्वरूप, प्रकार, वैशिष्ट्ये आणि नागरिकांवरून संघीयतेचे धर्जातक तरतुदी.
02	Oct - Nov 2022 (20 ताबिका)	भारतीय राज्यघटनेचे प्रारंभ अ) मूलभूत हक्क आणि कर्तव्य - अर्थ, व्याख्या, व्यापनी, आणि स्वरूप हक्क आणि कर्तव्य यांचे फरक, राष्ट्रीय मानव अधिकार आयोग ब) मानव अधिकार तंत्र - अर्थ, व्याख्या, स्वरूप, प्रकार आणि महत्त्व, मूलभूत हक्क आणि मानव अधिकार तंत्र यांचे फरक.
03	Nov - Dec 2022 Jan - 2023 (20 ताबिका)	संविधान जागरूकता दिवस आणि घटना दुरुस्ती. अ) संविधान जागरूकता - अर्थ आणि उद्देश्य, स्वातंत्र्य आणि प्रजासत्ताक दिवस, राष्ट्रीय युवक दिवस, राष्ट्रीय मतदार दिवस, सामाजिक न्याय दिवस, राष्ट्रीय मानव अधिकार दिवस ब) घटना दुरुस्ती - अर्थ आणि तरतुदी, आवश्यकता व महत्त्व, घटना दुरुस्ती प्रक्रिया, घटना दुरुस्ती प्रक्रिया वैशिष्ट्ये आणि मुख्यमंत्रि मंडळ पूर्ण घटनादुरुस्ती - 903, 908, 904.

Signature of the Teacher

Principal
 Ram.A.M. Patil
 Science
 (Dhule)
 Signature of the HOD/Principal

TEACHING PLAN 2022-23

Class : F.Y.B.A. Sem.: II Subject : Indian Polity Paper Code. : DSC-1-A-4-2013

Sr. No.	Month	Topics/Practical's
01	Jan - Feb-2023 (20 तांिका)	शासनाची वेग : (केंद्र आणि राज्य) अ) संघ कार्यकारी मंडळ - १) राष्ट्रपती २) उपराष्ट्रपती ३) पंतप्रधान ४) मंत्रिमंडळ ब) राज्य कार्यकारी मंडळ : १) राज्यपाल २) मुख्यमंत्री ३) उपमुख्यमंत्री ४) राज्यमंत्रीमंडळ (रचना, अधिकार कार्य आणि महत्व, मापदा निर्मिती प्रक्रिया)
02	March - April-2023 (20 तांिका)	कार्यदे मंडळ : (केंद्र आणि राज्य) अ) केंद्रीय कार्यदेमंडळ - लोकसभा, राज्यसभा ब) राज्य कार्यदेमंडळ - विधानसभा, विधान परिषद (रचना, अधिकार, कार्य आणि मापदा निर्मिती प्रक्रिया) संसदीय समिती, संसदीय दायुध.
03	April - May-2023 (20 तांिका)	न्यायमंडळ आणि निवडपूव प्रक्रिया अ) न्यायमंडळ : - सर्वोच्च न्यायालय, उच्च न्यायालय (रचना, अधिकार आणि कार्य) न्यायालयीन पुनर्विलोकन, न्यायालयीन सक्रियता, जनहित याचिका, न्यायालयीन सुधारणा, लोकपाल आणि लोकायुक्त ब) निवडपूव प्रक्रिया : - इथी आणि व्याख्या निवडपूव सांरना - भाषिण्यातल मतदार आणि नेतृत्व भासास निवडपूव आयोग - (रचना, अधिकार आणि कार्य)


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TEACHING PLAN 2022-23

Class : 5-Y.B AG-2 Sem.: III Subject : Introduction to A.M. Paper Code : DSE-1-C
 Maharashtra

Sr. No.	Month	Topics/Practical's
01	Augt Sept 2022	महाराष्ट्राचे लोकस्यः :- 1) महाराष्ट्र पारश्वभूमी - ऐतिहासिक, भौगोलिक, सामाजिक, आणि उद्योगिक 2) महाराष्ट्र राज्य रचनात्मक शिक्षण 3) महाराष्ट्र प्रशासनाचे ठळक वैशिष्ट्ये 4) महाराष्ट्र पुनरचित प्रशासकीय विभाग आणि त्रिस्तंभ
02	Oct Nov 2022	राज्य सचिवालय (मंत्रालय) 1) परिचय आणि रचना 2) राज्य सचिवालयाने केलेले कार्य आणि महत्त्व 3) राज्याच्या मुख्य सचिवाचे भूमिका 4) संचालनालय - वैशिष्ट्ये आणि कार्य
03	Dec 2022 Jan 2023	जिल्हा प्रशासन :- 1) अर्थ महत्त्व 2) उद्देश आणि कार्य 3) जिल्हाधिकारी - अधिकार कार्य, जिल्हाधिकार्याचे स्थान (दजने) आणि बदललेली भूमिका 4) कायदा आणि सुव्यवस्था - तसेच, पध्दती, आणि अधिकारक्षेत्रे.

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TEACHING PLAN - 2022-23

Class : S.M.B A & 2 Sem.: IV Subject : Introduction to L.R. Paper Code. : DSC-1 D
District: Ad. T. Maharashtra

Sr. No.	Month	Topics/Practical's
01	Jan - Feb - 2023 (20 तीथिका)	<p>महाराष्ट्रातील गाविके आणि शहरी प्रशासन</p> <p>अ) गाविके स्थानिक प्रशासन :-</p> <ol style="list-style-type: none"> 1) गाविके प्रशासन - अर्थ व महत्व आणि ऐतिहासिक पार्श्वभूमी 2) गाविकेचायत - गाविकेचे भूमिका 3) पंचायत समिती - आर्थिक विकास अधिकारी भूमिका 4) जिल्हा परिषद - मुख्य कार्यकारी अधिकारी भूमिका <p>ब) शहरी स्थानिक प्रशासन :-</p> <ol style="list-style-type: none"> 1) शहरी प्रशासन - अर्थ व महत्व आणि ऐतिहासिक पार्श्वभूमी 2) नगरपालिका - मुख्य अधिकारी भूमिका 3) महानगरपालिका - आयुक्ताची भूमिका 4) शहर शहरी स्थानिक संस्थे प्रशासन - रचना, कार्य, इतिहास.
02	Feb - March 2023 (20 तीथिका)	<p>कायदा व सुव्यवस्था</p> <ol style="list-style-type: none"> 1) अर्थ महत्व, ऐतिहासिक पार्श्वभूमी 2) कायदा व सुव्यवस्था महत्व 3) जिल्हा पोलीस अधिक्षक - रचना, कार्य व भूमिका 4) उपजिल्हा अधिक्षक - रचना, कार्य व भूमिका
03	March - April 2023 (20 तीथिका)	<p>महाराष्ट्रातील संवैधानिक व कायदेशीर विकास मंडळे :-</p> <ol style="list-style-type: none"> 1) आदिवासी विकास मंडळ 2) मराठवाडा वधानिक विकास मंडळ 3) म. कुल, अपशासक पारितोष आणि कृषिभांडू खाठ विकास मंडळ 4) महाराष्ट्र जलसंरक्षक विकास मंडळ


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TEACHING PLAN - 2022-23

Class : S.Y.B.A.S.I Sem.: III Subject : Reading of M. Gandhi Paper Code. : DSE-1-A

Sr. No.	Month	Topics/Practical's
01	Augst- 2022 Sept 2022 20 मार्च	म. गांधीजींचा सुरुवातीचा संकल्पना :- 1) जीवन परिचय - सभास, गुणसंपदा 2) संघ - अर्थ, प्रकार 3) भावना - अर्थ, प्रकार, जागतिक शांततेची भावनेची भूमिका 4) स्वातंत्र्य - अर्थ, प्रकार, तसे व साधने 5) विश्वसनीय संकल्पना - अर्थ व वैशिष्ट्य 6) हिंदू स्वराज्य, राष्ट्रवाद 7) साधनशुचिनी - स्वार्थ व साधने 8) मुख्यमापन
02	Sept Oct Nov 2022 20 मार्च	म. गांधीजींचे राजकीय व धार्मिक विचार :- 1) स्वातंत्र्य संघ, रामराज्य आणि गुजरात विधायी विचार 2) स्वार्थ - अर्थ, लक्ष्य, महत्त्व 3) धर्म आणि राजकारण 4) हिंदू-मुस्लिम एकता 5) नैतिकता 6) मुख्यमापन
03	Nov Dec- 2022 20 मार्च	म. गांधीजींचे सामाजिक कल्याणकेंद्रित विचार :- 1) म. गांधीजींचे अल्पसंख्यता आणि जातीय एकता 2) म. गांधीजींचे महिला व शिशुवासावधानीचे विचार 3) फासवलाद, जागरण 4) डॉक्टरी आणि स्वच्छता 5) शेतकरी, कामगार, आदिवासी जमाती आणि अल्पसंख्यतासंबंधीचे विचार 6) मुख्यमापन


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TEACHING PLAN 2022-23

Class : S.Y.B.A.S-1 Sem.: IV Subject : Reading for Ambedkar Paper Code. : DSE-1-B

Sr. No.	Month	Topics/Practical's
01	Janr 2023 Feb 2023 (20 मार्चका)	<p>डॉ. बाबासाहेब आंबेडकर यांच्या मुख्य संकल्पना</p> <p>1) भारतीय समाजाचे पाश्चिमी - जात, धर्म, वर्ग आणि अस्पृश्यता</p> <p>2) राज्यधरणा आणि राज्यधरणावाद</p> <p>3) सामाजिक विचार - समता, मुख्यत्वं एकक</p> <p>4) सामाजिक न्याय - आरक्षण (शरतीक जागा)</p> <p>5) महिलांचे स्वातंत्र्य, हिंदू कोड बिल</p> <p>6) मुख्यमापन</p>
02	Feb - march 2023 (20 मार्चका)	<p>राजकीय विचार व धार्मिक विचार</p> <p>1) उदारमतवाद, राष्ट्र, राष्ट्रवाद</p> <p>2) लोकशाही, संसदीय लोकशाही</p> <p>3) राज्यसमाजवाद</p> <p>4) धर्म निरपेक्षता, हिंदू धर्मसंबंधी विचार</p> <p>5) कार्य धर्म आणि धर्मांतर</p> <p>6) मुख्यमापन</p>
03	march April - 2023 (20 मार्चका)	<p>डॉ. आंबेडकरांचे विचार :-</p> <p>1) शिक्षणविषयक विचार</p> <p>2) कामगार संघटना विषयक विचार</p> <p>3) राजकीय पक्ष आणि वृत्तपत्र स्वातंत्र्यविषयक विचार</p> <p>4) लोकसंख्या नियंत्रण आणि आर्थिक विचार</p> <p>5) कृषी विषयक विचार, जलनीती विषयक विचार</p> <p>6) मुख्यमापन</p>



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TEACHING PLAN - 2022-23

Class : T.Y.B.A. 4th Sem.: V Subject : Indian political Thinkers. Paper Code. : JSC-1-E

Sr. No.	Month	Topics/Practical's
01	August Sept 2022 (20 marks)	दादाभाई नौरोजी :- i) राजकीय विचार - उदारमतवाद ii) ब्रिटिश राजवर्षावर टिका आणि निष्ठा iii) आर्थिक विचार - आर्थिक आणि नैतिक शोषण सिध्दांत iv) भारतीय स्वराज्यावद्दल विचार v) भारतीय राष्ट्रवादाचे शिल्पकार आणि मुख्यमापन
02	Sept Oct Nov 2022 (20 marks)	लोकमान्य टिळक :- i) राजकीय विचार ii) चतुःसूत्री iii) सामाजिक सुधारणेवद्दल विचार iv) काँग्रेस पक्षावद्दल विचार, होमरूल, प्रतियोगिता सहकारिता आणि शक्तिवर्ती विचार v) भारतीय आंदोलनातील भूमिका आणि मुख्यमापन.
03	Nov Dec 2022 Jan 2023 (20 marks)	म. गांधी i) सत्य आणि अहिंसेवद्दल विचार ii) सत्याग्रह, साधन आणि साधने iii) धर्मवद्दल विचार आणि राजकारणाचे अर्थशास्त्रीकरण iv) अस्पृश्यता आणि जातीय एकता v) राज्यावद्दल विचार, विश्वस्त संकल्पना, मुख्यमापन.

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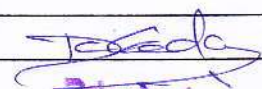
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TEACHING PLAN - 2022-23

Class : T.Y.B.A. 4th Sem. Subject : Indian Political Thinkers Paper Code. : DSC-1 F

Sr. No.	Month	Topics/Practical's
01	Jan. Feb-2023 20 मार्चका	विनायक दामोदर सावरकर i) हिंदु राष्ट्रवाद आणि आगरा राष्ट्रवाद व लक्ष्य विचार ii) भारतीय स्वातंत्र्यवाद लक्ष्य विचार, कांग्रेस, अहिंसा आणि स्वतंत्रता iii) सामाजिक सुधारणवादी विचार iv) सध्याचे स्थिति v) हिंदुत्व आधुनिकीकरण व लक्ष्य विचार आणि मुख्यमापक
02	Feb - march 2023 20 मार्चका	डॉ. बी. आर. अंबेडकर i) भारतीय राज्यघटना आणि धर्मनावाद ii) सामाजिक आणि राजकीय लोकशाही व लक्ष्य विचार iii) जातीयवाद व लक्ष्य विचार iv) मार्क्सवाद व लक्ष्य विचार v) राज्यसमाजवाद आणि मुख्यमापक
03	march April march 2023 20 मार्चका	पं. जवाहरलाल नेहरू i) लोकशाही संकल्पना विचार ii) लोकशाही समाजवाद iii) नियोजन आणि विकास कल्पना iv) आत्मनिर्भरता विचार पंचसमिती, सामाजिक शांतता v) आधुनिक भारताचे भविष्य आणि मुख्यमापक


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TEACHING PLAN - 2022-23

Class : T.Y.B.A.S. Sem.: V Subject : Political Sociology Paper Code: DSF-4 A

Sr. No.	Month	Topics/Practical's
01	August - Sept 2022 20 तारिख	राजकिय समाजशास्त्र आणि राजकिय व्यवस्था (अ) राजकिय समाजशास्त्र :- i) अर्थ, व्याख्या, स्वरूप, व्यापनी, वैशिष्ट्ये आणि महत्व (ब) राजकिय व्यवस्था i) अर्थ, व्याख्या, व्यापनी आणि वैशिष्ट्य ii) राजकिय व्यवस्था काय
02	Sept Oct Nov 2022 20 तारिख	राजकिय संरचना आणि राजकिय सामाजिकरण :- (अ) राजकिय संरचना :- i) अर्थ, व्याख्या, स्वरूप मुख्यतः धरतु वा इतरांच्या धरतु ii) राजकिय संरचना बदल घडवून आणण्याचे माध्यमे वा धरतु (ब) राजकिय सामाजिकरण :- i) अर्थ, व्याख्या, प्रक्रिया आणि राजकिय सामाजिकरणाचे माध्यमे वा साधने
03	Nov Dec 2022 (20 तारिख)	राजकिय संघभाग आणि राजकिय नेतृत्व :- (अ) राजकिय संघभाग :- i) अर्थ, व्याख्या आणि राजकिय संघभागावर प्रभाव पाडणारे धरतु ii) राजकिय संघभाग पातळ्या :- iii) राजकिय उदासिनता, राजकिय अक्षमता, राजकिय अक्षमता (ब) राजकिय नेतृत्व :- i) अर्थ, व्याख्या, स्वरूप आणि नेतृत्वाचे वैशिष्ट्ये

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TEACHING PLAN - 2022-23

Class : T.Y.B.A.S.4 Sem.: VII Subject : Political Sociology Paper Code. : DSE-2 B

Sr. No.	Month	Topics/Practical's
01	Janr Feb-2023 20 नारिका	राजकिय विकास आणि राजकिय आधुनिकीकरण अ) राजकिय विकास :- i) अर्थ, व्याख्या, स्वरूप आणि महत्व ii) राजकिय विकासचे विविध इष्टीकान ब) राजकिय आधुनिकीकरण :- i) अर्थ, व्याख्या, महत्व आणि वैशिष्ट्ये ii) राजकिय आधुनिकीकरणाचे उद्देश्य, माध्यमे आणि अडथळे.
02	Feb. march 2023 20 नारिका	राजकिय संसूचन आणि लोकमत अ) राजकिय संसूचन :- i) अर्थ, व्याख्या आणि महत्व ii) राजकिय संसूचन साधन, ब) लोकमत :- i) अर्थ, व्याख्या आणि महत्व ii) लोकमत घडवण्याचे प्रक्रिया iii) लोकमतनातीस वेदल.
03	march April 2023 20 नारिका	राजकिय प्रभाव आणि राजकिय अधिमान्यता अ) राजकिय प्रभाव :- i) अर्थ, व्याख्या आणि महत्व ii) प्रभावाचे मार्ग ब) राजकिय अधिमान्यता :- i) अर्थ, व्याख्या आणि महत्व ii) अधिमान्यताचे मार्ग.


Principal

Kam.A.M.Patil Arts, Comm.&
Kai, Annaseeh N.K.Patil Science
Sr. College, Pimpalner Tal. Sakri (Dhule)
Signature of the HOD/Principal


Signature of the Teacher

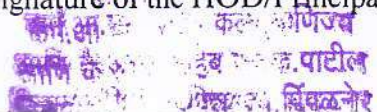
TEACHING PLAN

Class : F.Y.B.A Sem.: I Subject : मराठी Paper Code. : 3112220241

Sr. No.	Month	Topics/Practical's
		वाङ्मय म्हणजे काय? वाङ्मय प्रकारांची संकल्पना
1	ऑगस्ट 2022	प्रमुख वाङ्मयप्रकार गद्य आणि पद्य व्याकीर्णित, वार्तिकलेय, एकांकिका, आत्मचरित्र आणि कथा या आधुनिक गद्य वाङ्मयप्रकारांच्या स्वरूपाच्या परिचय, रुनबद्ध रचना, मनाई, मुक्कळंद, अफगा आणि रीध कविता या आधुनिक पद्य वाङ्मयप्रकारांच्या स्वरूपाच्या परिचय
2	सप्टें-22	व्याकीर्णित - परिनिष्ठ 'विद्याभारत' ज्योतिरंकर-उपाध्याय- 2145 पाठ्येस वार्तिकलेय - शिक्या उमरि गडी! - पुस्तकालय पाठ्येस. एकांकिका - 'वे दाई शुभ!' - अविनास सोनार आत्मचरित्र - 'जरा का 2 वापार शाय' - राजेश पाठ्येस कथा - 'दफर' - शकुंतल विजय रुनबद्ध रचना - फुलशणी - बालकवी मनाई - श्री जीवग शोचिन फिरली
3	ऑक्टो. 2022	मुक्कळंद - चोक्री मज्जु 62 या अफगा - शायका रीध कविता - काव्यकाव्यीक पुस्तकांच्या जाहिराती वाचकांना संज डुकते
4	नोव्हें-2022	- प्रमुख वाङ्मयप्रकार गद्य आणि पद्य Paper code-3112220221 - चरित, प्रवादवर्णन, पत्रलेखन, सारलेखन आणि मालिन विवेक - या आधुनिक गद्य वाङ्मय प्रकारांच्या स्वरूपाच्या परिचय -
5	डिसें-2022	चरित - 'पले जव - 5 ऑगस्ट 1982 - मंडाळिकी टोवगांवकर प्रवादवर्णन - प्रवास दाखीण कारनामा - गो. उ. पाठ्येस पत्रलेखन - कायम हा - गुणेश चौधरी सारलेखन - फुला लंगोले - गो. जी. खेरना मालिन विवेक - अंगार कागड - अशोक कागवाळ.
6	फेब्रु-2023	रुनबद्ध रचना - माझ्याजीवा - कविता वाई चौधरी खंडकाव्य - चंद्रिका - प्रभाकर दावण चौधरी
7	मार्च-2023	मुक्कळंद - 'गुणगारिक पयारली परदिगण - शिकुंड मंडाळकर गद्य - मंडे मंडे कुजळी पुत - वीरेंड केडके दामपु - गद्य मुक्कळी - शिकीण दिगावणीकर

Signature of the Teacher

Signature of the HOD/Principal


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TEACHING PLAN

Class : S.Y.B.A Sem.: 3 Subject : आधुनिक वाङ्मय प्रकारांचा अभ्यास Paper Code. : 830202

Sr. No.	Month	Topics/Practical's
		SPL-1
	ऑगस्ट 2022	कादंबरी स्वरूप व वैशिष्ट्ये आधुनिक मराठी कादंबरीची वाटचाल स्वातंत्र्यपूर्व काळातील कादंबरी - हळूहळू रूपांतरांचा अडथळ्यांचे परामर्श
	सप्टेंबर 2022	'अवकाळी पावसाच्या दरम्यानची गोष्ट' या कादंबरीचे कथानक व त्यातील व्यक्तिरेखाचित्रण 'अवकाळी पावसाच्या दरम्यानची गोष्ट' या कादंबरीतील प्रसंगाचित्रण व चरित्रव्युत्पत्ती
	ऑक्टोबर 2022	'अवकाळी पावसाच्या दरम्यानची गोष्ट' स्वरूप व वैशिष्ट्ये - 'अवकाळी पावसाच्या दरम्यानची गोष्ट' या कादंबरीची निवेदनपद्धती व भाषाशैली 'अवकाळी पावसाच्या दरम्यानची गोष्ट' या कादंबरीतून घडणारे ग्रामीण जीवन व समाजाचे दर्शन व चित्रित संदर्भ
	नोव्हेंबर 2022	सत्र - ४ - आधुनिक वाङ्मय प्रकार : कविता Paper-code 840202 - कविता : स्वरूप व वैशिष्ट्ये - आधुनिक मराठी कवितेची वाटचाल (स्वातंत्र्यपूर्व काळातील कविता आणि स्वातंत्र्यनंतर काळातील कविता यांचा परामर्श)
	डिसेंबर 2022	'माझे विद्यापीठ' स्वरूप व वैशिष्ट्ये - 'माझे विद्यापीठ' या संग्रहातील कवितेतून घडणारे काव्यार विद्येचे दर्शन - 'माझे विद्यापीठ' या संग्रहातील कवितेतून काव्य शालेकी भावनेची शैली जाणीव
	जानेवारी 2023	'माझे विद्यापीठ' या संग्रहातील कवितेतून काव्य शालेकी भावनेची जाणीव
	फेब्रुवारी 2023	'माझे विद्यापीठ' स्वरूप व वैशिष्ट्ये - 'माझे विद्यापीठ' या संग्रहातील कवितेतून घडणारे स्त्रीवर्षी - 'माझे विद्यापीठ' या संग्रहातील कवितेची भाषा व काव्य रचना विशेष.

Signature of the Teacher

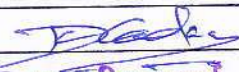

प्रभारी प्राचार्य
 Signature of the HOD/Principal
 आणि कै. अण्णासाहेब एन. के. पाटील

TEACHING PLAN

Class : T.Y.B.A Sem.: 5 Subject : मराठीचा भाषिक अभ्यास Paper Code. : 850203

Sr. No.	Month	Topics/Practical's
		SPL-4
1	ऑगस्ट 2022	- भाषा: स्वरूप व रूढी / व/2/622 - भाषेचे कार्य: संदेशन / संस्थापन (भाषिक संदेशनाचे निरीक्षण) - भाषाभ्रमालाची विविध अंगे - (उपनिहास / व/निहास व सांभासिक भाषाविज्ञान यांचा परिचय.
2	सप्टेंबर 2022	- भाषा, उपनी आणि भाषेचे वर्गीकरण - भाषा उपनीचे सिध्दांत (प्रमुख सिध्दांतांचा परिचय) भाषाकृत संकल्पना व भाषा भाषाकृत संकल्पना (जगातील प्रमुख भाषाकृत, एतत्तु संकल्पना भाषाकृत - वदिवर्तमान सिध्दांत) - मराठीचे भाषाकृत
3	ऑक्टोबर 2022	- मराठी भाषेची उपनी आणि पूर्वपीढिका - मराठी भाषेच्या उपनीनिष्पत्तीसंबंधी साधने - शिरोमिळ (उत्कृष्ट, पं. 622, नवाक, अंबागोवाड, प. 26 - दायवळगाड, दिवे आणकरीसिध्दांत शिरोमिळ) - ग्रंथ - ज्योतिषरत्नमाला, भाग्यमाला, कुलसप्तमाला, शिवमती प्रकार, विवेकलिङ्ग, लीलामासिका, शांति शाली - मराठीभाषेच्या उपनीसंबंधीचा वेदम-गुणवर्ण - मराठीची जनकभाषा (वि. भा. राववेड, सु. पा. गुळकर्णी, शि. गो. गुळकर्णी प्र. शि. वेदिक संघी भा.)
		सत्र - ए व Paper-code - 860203
4	नोव्हेंबर 2022	- मराठीचे कालिक भेद - भाषाकालीन मराठी: स्वरूप व वैशिष्ट्ये - कथाकालीन मराठी: स्वरूप व वैशिष्ट्ये - शिवकालीन व पेशवेकालीन मराठी: स्वरूप व वैशिष्ट्ये
5	डिसेंबर 2022	- मराठीचे प्रागैतिक भेद (प्रमाण मराठी व काली) - मराठीचा भाषिक विकास (प्रागैतिक भेद) - प्रमाणभाषा व काली: संदर्भबंध
6	जाने 2023	- व-धडी व न-धडी व अद्विराणी या कालीच्या व-धडी व-धडीचा अभ्यास
7	फेब्रुवारी 2023	- भाषावैषम्य संकल्पना - संदेशना (भाषा: शुद्ध: अपुष्ट: भाषा संकल्पना अभ्यास, भाषा संकल्पना - कालिक, भाषा! भाषा - सांभासिक - संकल्पना, भाषा, अद्विराणी, दिव्ही, या भाषांचा मराठीवरील प्रभाव - इंग्लीश व अन्य युरोपियन भाषांचा मराठीवरील प्रभाव The end

Signature of the Teacher


प्रधानी पंचायत
 कर्म. आ. मा. प्र. कला, वाणिज्य
 भाषा व भाषा विद्यालय, पिंपळनेर
 Signature of the HOD/Principal

G.E

TEACHING PLAN

Class : T.Y.B.A Sem.: 5 Subject : मराठी लोकरंगभूमी Paper Code : 850209

Sr. No.	Month	Topics/Practical's
1	ऑगस्ट 2022	लोकरंगभूमी : संकल्पना व स्वरूप - लोकरंगभूमी : स्वरूप व वैशिष्ट्ये - लोकसाहित्य व लोकरंगभूमी : परस्पर संबंध
2	सप्टेंबर 2022	- लोकरंगभूमी : पारंपारिक रूप - क्रीतक : भूमिका, स्वरूप, प्रकार व वैशिष्ट्ये - भारत : भूमिका, स्वरूप, प्रकार व वैशिष्ट्ये,
3	ऑक्टोबर 2022	- लोकरंगभूमी : प्रादेशिक रूप - वडी (खानदेशी) : स्वरूप व वैशिष्ट्ये - देशावतार (लोकगीत) : स्वरूप व वैशिष्ट्ये
Sem-6 * मराठी लोकरंगभूमी * Paper code-860 209		
4	डिसेंबर 2022	- लोकरंगभूमी : पारंपारिक व आधुनिक रूप - लताशा : भूमिका, स्वरूप व वैशिष्ट्ये - लोकनाट्य : भूमिका, स्वरूप व वैशिष्ट्ये
5	जानेवारी 2023	- लोकरंगभूमी : आधुनिक रूप - सांमर्थिकी जलसे : भूमिका, स्वरूप व वैशिष्ट्ये - आंबेडकरी जलसे : भूमिका, स्वरूप व वैशिष्ट्ये
6	फेब्रुवारी 2023	- लोकरंगभूमी : आधुनिक रूप - पद्यनाट्य : भूमिका, स्वरूप व वैशिष्ट्ये - रिंगनाट्य : भूमिका, स्वरूप व वैशिष्ट्ये

Signature of the Teacher

प्रभारी प्राचार्य
 कर्म आ मा फटील कला वाणिज्य
 आणि क.अण्णासाहेब फर्के प्राचार्य
 निवान वरिष्ठ महाविद्यालय, पिंपळनेर

TEACHING PLAN

Class : T.Y.B.A Sem.: 5 Subject : लेखन कौशल - निबंध लेखन Paper Code.: 850207

Sr. No.	Month	Topics/Practical's
		- निबंध प्रवाह का अर्थ - निबंध संकल्पना व स्वरूप -
	ऑक्टोबर 2022	- निबंधानुसंधान 2022
	सितंबर-2022	- निबंधानुसंधान प्रकार (वर्णनात्मक, आत्मनिवेदनात्मक, चिंतनात्मक व लालित्य निबंध.)
		- निबंध लेखन : उपभोग
	ऑक्टो 2022	- प्रवाहमा विषयावर वर्णनात्मक निबंध
		- प्रवाहमा विषयावर आत्मनिवेदनात्मक निबंध
	नोवेंबर-2022	- प्रवाहमा विषयावर चिंतनात्मक निबंध
		- प्रवाहमा विषयावर लालित्य निबंध
		अप्रै - 8 व
	डिसेंबर 2022	लेखन कौशल - ग्रुप परीक्षण लेखन Paper-code-860207
		- ग्रुप परीक्षण लेखन : स्वरूप व प्रक्रिया
		- ग्रुप परीक्षण लेखनाची आवश्यकता व त्यासाठी उपलब्ध इच्छा
		- ग्रुप परीक्षण लेखनाची पूर्वतयारी (वाचन आढळण रिपॉर्ट)
	जाने 2023	- ग्रुप परीक्षणानुसंधान स्वरूप - प्रास्ताविक (ग्रुपाने विषय व प्रकाराचे काळ व अन्य माहिती, ग्रुपाचा प्रधान विषय) ग्रुपाने (इंद्र स्वरूप व मांडणी, ग्रुपाने निराकरण ग्रुपाने पाठ्य विषयानुसंधानात्मक आणि त्याच विषयानुसंधानात्मक)
		- ग्रुप परीक्षण लेखन उपभोग
	फेब्रु 2023	- प्रवाहमा सांख्यिकी परीक्षण लिहा
		- प्रवाहमा कविता संग्रहाचे परीक्षण लिहा
	मार्च 2023	- प्रवाहमा नूतन संग्रहाचे परीक्षण लिहा. अथवा परीक्षा व 30000
		समाप्त

Signature of the Teacher

Signature of the HOD/Principal

प्रभारी प्राचार्य
आणि हे प्राचार्य
विज्ञान शाखा

(Handwritten Signature)


प्राचार्य
हे. पाटील
पिंपळनेर

TEACHING PLAN

Class: S.Y.B.A Sem.: 3 Subject: लेखन कौशल प्रशिक्षण Paper Code.: 830207

Sr. No.	Month	SEC- Topics/Practical's
ऑगस्ट 2022		<p>मुद्रित शोधन : स्वरूप आणि प्रक्रिया</p> <ul style="list-style-type: none"> - मुद्रित शोधन म्हणजे काय? - मुद्रित शोधनाची उपभोगाची क्षेत्रे आणि या कौशल्याची आवश्यकता (मुद्रित व इ-कॉन्टेंट-माध्यमाध्यमे, ग्रंथनिर्मिती, नियत कालिक संपादन इ. क्षेत्रांमधील मुद्रित शोधनाची आवश्यकता.)
सप्टेंबर 2022		<ul style="list-style-type: none"> - मुद्रित शोधनाच्या रचना; यांचा आणि यांचे उपभोग - मराठी विराहनिवृत्ते आणि लेखनविषयक विविध ग्रंथे मुद्रित शोधनातील महत्त्व
ऑक्टोबर 2022		<ul style="list-style-type: none"> - मुद्रित शोधन : उपभोग - तुमच्या परिसरातील एखादी प्रकाशन संस्था / प्रकाशक / वृत्तपत्र नियत कालिक / लेखक यांची अट घेवून त्यांच्या वेळापत्रक मुद्रित शोधनाचे स्वरूप, आवश्यकता आणि समस्या साधणाने वाचून घेवून त्याबाबत लिहू:-
नोव्हेंबर 2022		<ul style="list-style-type: none"> - विभाग पाचवे शाळांचे दोन गटून उतारे निवडून त्यातील विराहनिवृत्ते मोठ्याने त्यांची प्रकाशांकुल यादी तयार करा! - वर्गातील पाच विद्यार्थ्यांना एक गट असे गट तयार करून प्रत्येक गटातील विद्यार्थ्यांची स्वतःच्या अक्षरात लिहिलेल्या गटून उतारे यांची अन्य गटातील विद्यार्थ्यांकडून मुद्रित शोधन करा.
डिसेंबर 2022		<p align="center">The end</p> <p>Sem-4 - लेखन कौशल - सज्जतीतील लेखन paper-code-840207</p> <ul style="list-style-type: none"> - सज्जतीतील लेखन : स्वरूप आणि प्रक्रिया - सज्जतीतील लेखन व व्यावहारिक लेखन यातील फरक
जानेवारी 2023		<ul style="list-style-type: none"> - अग्रलेखन : निर्मिती प्रक्रिया (कथावीज, कथानक-घटना व प्रसंगाची गुणवत्ता, व्याप्तिनिश्चय, वातावरणनिर्मिती, निवेदन, संवाद, आदी घटकांचा वापर आदिनी)
फेब्रुवारी 2023		<ul style="list-style-type: none"> - नाट्यलेखन : निर्मिती प्रक्रिया (विषयसूत्र, कथानक प्रसंगाची- गुणवत्ता पात्रनिर्मिती व चित्रण, स्थळकालानुसार आर्ग, नाट्य-संवाद, संवाद, प्रयोग इत्यादी घटकांचा वापर आदिनी) - सज्जतीतील लेखन करताना वेळोवेळी समस्या व त्यांचे निराकरण
मार्च 2023		<ul style="list-style-type: none"> - सज्जतीतील लेखन : उपभोग - एखादी घटना / प्रसंग / अनुभव घालून यांना केंद्रस्थानी ठेवून कथा लिहिणे - एखादा अनुभव सांगून स्वतःच्या शब्दात कथन करणे - एखाद्या संकल्पनेचा विषय घेऊन पंचनाम्यातून विवरणातून (कालिक) लेखन करणे

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 प्रभारी प्राचार्य -
 आणि कै. अण्णसाहेब एन्. के. पाटील
 विद्यापीठ, मुंबई

TEACHING PLAN

Class : S.V.B.S.C Sem.: 3 Subject : विज्ञान कथा आणि गोंड लेखन Paper Code. : _____

Sr. No.	Month	Topics/Practical's
	ऑगस्ट 2022	विज्ञान कथा : स्वरूप व वैशिष्ट्ये - विज्ञान कथेचे स्वरूप - विज्ञान कथेची वैशिष्ट्ये
	सप्टेंबर 2022	- कथारंग, पुरुषोत्तम - कथानंद, व्यक्तीमित्रणी, वैज्ञानिकता व काव्यनिकता, संवाद व आपाशक्ती आदी धर्मांच्या पराभव - 'डिलीवरी' - बाल फोडक - 'महात्मा' - लक्ष्मण मोटे
	ऑक्टोबर 2022	- विट विट पोपट - सुबोध जावडेकर - मम्मी रोको - रेखा बेंजल
	नोव्हेंबर 2022	Sem-4 - विनोदी कथा आणि विज्ञानपर लेखन - विनोदी कथा : स्वरूप व वैशिष्ट्ये - विनोदी कथेचे स्वरूप - विनोदी कथेची वैशिष्ट्ये
	डिसेंबर 2022	* विनोदी कथा आणि विज्ञानपर लेखन - विनोदी कथा : स्वरूप व वैशिष्ट्ये - विनोदी कथेचे स्वरूप - विनोदी कथेची वैशिष्ट्ये
	जानेवारी 2023	- गुंड्याभाऊचे दुखणे - नि.वि. जोशी - नाटक - शंकर पाटील
	फेब्रुवारी 2023	- मॅस - पु. ल. देसाई - शोध : 4 सत्य - मंगला गोडबोले
	मार्च 2023	- उजळणी - व सशर परीक्षा
		The end

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 प्रमुख प्राध्यापक
 Signature of the HOD/Principal
 आणि कै. अम्बासाहेब क. पाटील
 विज्ञान विभाग, अहमदनगर विद्यापीठ

Signature

TEACHING PLAN

Class : F.Y. BSc Sem.: 1 Subject : मलिन लेखांचा अभ्यास Paper Code. : _____

Sr. No.	Month	Topics/Practical's
1	ऑगस्ट 2022	<ul style="list-style-type: none"> - चांदण्या मिजासचं राहून जाऊनच म्हणून ! या पुस्तकातील मलिन लेखांचा अभ्यास - - मलिन लेखांतील 'मी' च्या अनुभवाने स्वरूप - मलिन लेखांच्या आशयाने स्वरूप - मलिन लेखांतील भावनात्मकता व चित्रण शीलता - मलिन लेखांची निवेदन शैली व मांडणी - माळक हे आधी का सांगितलं गेले ? - मी पुढच्या वर्षात वजी 99 व्या वर्षी कृष्णाकुमारीची जायला वी हे - शक्य तितके पैसां घ्यानात घेवू नये मनात ठेवू नये
2	सप्टेंबर 22	<ul style="list-style-type: none"> - नावाच्या वाक्यापेक्षा इतर नावां जपणे महत्त्वाचे - ह्या पुस्तकात एका घाबरायला जगाच्या इच्छा होतो. प्रेमीची उपाय - पातळ झालेला असं आपल्या घरात येतच पण हवा नात. - आपली फुलवण्याची ही आणि फुलवण्याची ही क्षणात ओळख घ्या. - कितीही फुलवतो, तरी आपली फुलवण्याची वाच घ्यायला! - पातळ झालेला फुलवण्याची सुंदर वारा घेवू नये पसरेतच! - मरणापासून फळात म्हणजे जीवनापासूनच पळवू नये. - पातळीची मूल्ये ही आहेत। शिक्षकांना शिकवू नये. - एक एक नवा शब्द जाणवतो, म्हणजे एक एक नवा मित्त जाणवतो. - वेदासना शिकवण्यात फेलात तर, पाठ्यात उतरल्या पाहिजे! - सर, आमचा नाईत आहे! - परिचयाने फेलात सर्पसोपणात डोक्यातच फेलात! - तीव्र कुडक्यांनी स्वागताने परिवर्तन शीलता - भाषणेची पुरवण प्रदानता व फेलात हे एक आव्हानच!
3	ऑक्टोबर 2022	<ul style="list-style-type: none"> - पत्नी गुलबत म्हणून होती, ती मैत्रीचा म्हणून - माझ्या लेखात - आपणांमुळे माझ्यातच अधिक परिवर्तन झाले. - मानवी मनाची विविधता हीच फेलात करणारी आहे - चढावेतच उभा राहण्या प्रवाह कसे काय! - आपण कसरीतच, जेव्हा वसे वागतो, तेच खरे विविधतेत फेलात! - परिवर्तन शक्य आहे. - कुठेही फेलात जाऊन येतो. पण वही उघडवितो तेच नव्हे - हे स्वादिष्ट शब्द नाही - हे कडू, पण औषधी, कारल आहे. - मी किती का शिकू नये, मला ही काही शिकू नये. - जीवनात उघडवितो पावलातच फेलात - वाक्यापेक्षा फेलात जाणून घ्यावे, इतकं हे जीवन सुंदर आहे. - अरे, चांदण्या मिजासचं राहून गेलं असाच गोष्ट
		- The end -

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 कर्म. आ. मा. पाटील कला वाणिज्य
 शाळा, क. अण्णासाहेब एन. क. पाटील
 विज्ञान वरिष्ठ महाविद्यालय, पिंपळनेर

TEACHING PLAN USA

Class: S.Y.B.A

Sem.: III

Subject: History of

Paper Code.:

Month	Topics/Practical's
1) Aug 2022	Discover America Nature of America colony constitution progress American Revolution Causes and effects.
2) sept 2022	Rise And Development of American Democracy George Washington Thomas Jefferson Jms Monroe Andrew Jackson
3) oct 2022	progressive Era Theodor Roosevelt Woodrow Wilson World War I
4) Aug 2022	The Background a) settlement and colonization of European in America b) Colonial society c) Indentured labour white and Black
5) sept 2022	making of Republic a) causes of American Independence war b) Declaration of Independence c) Features of Constitution of America
6) oct 2022	Jefferson Era Madison War of 1812 Monroe Doctrine

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TEACHING PLAN

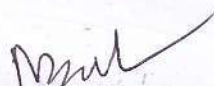
Class: S-Y BMS

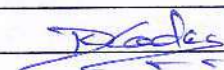
Sem: III

Subject: Research methodology in History

Paper Code. : _____

Sr. No.	Month	Topics/Practical's
1)	Aug 2022	<p>* Basic Terms and Types of Research.</p> <p>A) Exploratory, Descriptive analytical, explanatory, experiment, Interdisciplinary, multidisciplinary</p> <p>B) Sources. primary, secondary, archival, audio video, numismatic, epigraphic</p>
2)	Sept 2022	<p>* Design of Research and Hypothesis</p> <p>A) Research Design preliminary process</p> <p>B) Hypothesis Definition characteristics of good hypothesis, importance</p>
3)	Oct 2022	<p>* Research methodologies:</p> <p>A) Analytical process</p> <p>B) Synthetic process</p> <p>C) Concluding process</p>


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TEACHING PLAN

Class: P.Y BIA

Sem: V

Subject: Travel And Tourism in India

Paper Code: 2nd/5

Sr. No.	Month	Topics/Practical's
1)	Aug 2022	★ Tourism - Concept and Types A) meaning, Definition, Nature and Scope B) objectives and Types of Tourism C) Role of history in Tourism
2)	sept 2022	★ Tourism planning A) planning causes B) Transport C) Accommodation D) Tourist Guide
3)	oct 2022	★ Historical Tourist places in India a) Caves B) Forts C) Monuments D) Religious places

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J. K. Kulkarni
Principal
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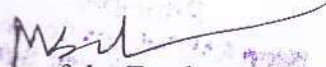
TEACHING PLAN


Class: T.Y.B.A

Sem.: V Subject: Making of Contemporary India - I

Paper Code. : _____

Month	Topics/Practical's
Aug 2022	<p>★ making India</p> <p>A) Framing of Indian Constitution</p> <p>B) Consolidation of India - Sardar Patel.</p>
Sept 2022	<p>★ political Development</p> <p>A) Pandit Nehru to Indira Gandhi</p> <p>B) Emergency - Tata Rule</p> <p>C) 21 century - Rajiv Gandhi, Atal Bihari Vajpai, Dr. Manmohan Singh, Narendra Modi</p>
Oct 2022	<p>★ Economic Development -</p> <p>A) Five Year plan</p> <p>B) Economic Reforms since 1991 And LPG.</p>


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Kot. Anandnagar Tal. Sakri Dist. Solapur

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Class: F.Y.B.A

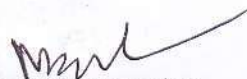
Sem.: II


Subject:

History of Civilization

Paper Code.:

Sr. No.	Month	Topics/Practical's
1)	Jan 2023	* main Religion in the Ancient World a) Zoroastrianism Christianity Islam b) Religion in India - Hinduism, Jainism, Buddhism.
2)	Feb 2023	* *
3)	March 2023	* Feudalism a) Rise of Feudalism. b) Feature of feudal society c) Feudal wars
4)	April 2023	* Rise and Growth of Islamic powers a) Arabs b) The -Turks - c) Decline of Roman Empire



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St. College, Pin.

TEACHING PLAN

Class : S.Y B A Sem.: IV Subject : History of U.S.A. Paper Code. :

Sr. No.	Month	Topics/Practical's
1)	Jan. 2023	* Capitalism of U.S.A. * a) Rise And Growth of Industrialization, b) Labour movements c) plantation Economy d) slave society and cultural-Resistance of slave
2)	Feb 2023	* civil war a) Causes of civil war b) civil war c) Impact of civil war
3)	March 2023	* America and world war I a) Theodor Roosevelt - policy b) Woodrow Wilson - world war I
4)	April 2023	* Great Depression a) New Deal programme b) F. D. Roosevelt c) World war II


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Class : S.Y. B.A.

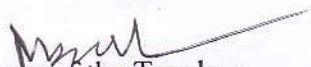
Sem.: I


Subject : An Introduction to Archives in

Paper Code : 2ndia

Class :

Sr. No.	Month	Topics/Practical's
1)	Jan 2023	* Archives * a) Definition b) Rise and Development of Archives in India. c) Historical importance of Archives
2)	Feb 2023	* Management of Archives * a) classification of Record b) Conservation and prevention of Record c) Digital Archives
3)	March 2023	* Archives in India a) National Archives New Delhi b) pune Archives pune
4)	April 2023	* Archives in maharashtra * a) maharashtra state Archives - Mumbai b) V.K. Raywade Mandal - Dhule


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TEACHING PLAN

Class: T.Y.B.A

Sem. VI

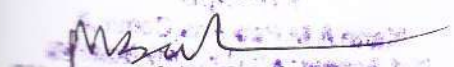
Subject:

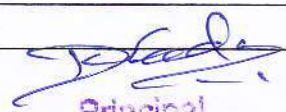
History of Modern Europe (1914-1945)

Paper Code:

1914-1945

Sr. No.	Month	Topics/Practical's
1)	Jan 2023	* First world war A) Background causes b) effects c) Russian Revolution - causes effects.
2)	Feb 2023	* League of Nations a) Nature and contribution, and failure *** Rise of Dictatorship a) Italy - Mussolini
3)	March 2023	* Germany - Hitler * Kemal pasha And Turkey
4)	Apr 2023	* second world war a) causes b) effects

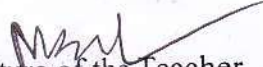

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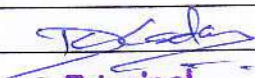

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TEACHING PLAN

Class: P. Y B.A Sem. VI Subject: An Introduction of Museums in India Paper Code: 111

Sr. No.	Month	Topics/Practical's
1)	Jan. 2023	<p>* museums *</p> <p>a) Definition</p> <p>b) History of development of museums in India</p> <p>c) Historical importance of museum</p>
2)	Feb 2023	<p>* Management of Museums *</p> <p>A) Role of museum management</p> <p>B) method of collection and conservation of objects in museums</p> <p>C) Types of museums</p>
3)	March 2023	<p>* Some Famous Museums *</p> <p>I) National museum - New Delhi</p> <p>II) Indian museum - Kolkata</p> <p>III) Chhatrapati Shivaji Maharaj museum Mumbai</p>
4)	April 2023	<p>a) Salar Jung museum - Hyderabad</p> <p>b) Raja Dinkar Kelkar museum - Pune</p> <p>c) Central museum (Ajab Bangla) - Nagpur</p> <p>d) Raywade Mandal Dhule</p>


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TEACHING PLAN

Class: P.Y.B.A


Sem.: VI

Subject:

making of contemporary India - II

Paper Code. :

Sr. No.	Month	Topics/Practical's
1)	Jan 2023	* social justice * a) Tribble movements b) Dalit movements c) Women movements.
2)	Feb 2023	* major challenges * a) Communalism b) Regional Tension c) Naxalism
3)	march 2023	* Education * a) progress in field of Education.
4)	April 2023	* science A) Nuclear policy B) Development space science


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Korn A.M. Pali Arts, Comm. &
Signature of the HOD/Principal
College, Pimpner Tal. Sak. (D)

TEACHING PLAN

Class : F.Y.B.Com Sem.: _____ Subject : प्रवासवर्णनाचा अभ्यास (मराठी) Paper Code. : _____

Sr. No.	Month	Topics/Practical's
01	जुलै 2022	* प्रवासवर्णन म्हणजे काय? ललितलेखनाविषयी माहिती * प्रवासवर्णन साहित्यप्रकाराविषयी माहिती * प्रवासवर्णन आणि 'मी'चे दर्शन
02	ऑगस्ट	* पाठ्यी पुस्तकाविषयीची प्रस्तावना * दि.वा. मोकेशी यांचा परिचय * नमन * पाठ्यीविषयी माहिती * सासवड, जेजुरी
03	सप्टेंबर	* वालंदे * लोणार * पुणे * फारणा
04	ऑक्टोबर	* वरडगाव * नातपुत * माकाशिरस
05	नोव्हें	* वेढापूर * शेगाव * अंतर्गत परीक्षा
06	डिसेंबर	* पंढरपूर * समितीवर

Signature of the Teacher

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प्रभारि प्राचार्य
कर्म भा. मा. पाटील कला कॉलेज
आणि क. अण्णासाहेब एन्. क. पाटील
विज्ञान वरिष्ठ महाविद्यालय, पिंपळनेर

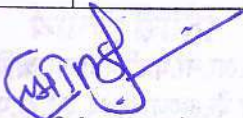
TEACHING PLAN

Class : S.Y.B.A. (G-2) Sem.:

Subject : वैचारिक गद्य लेखनाचा अभ्यास

Paper Code. : 231 A

Sr. No.	Month	Topics/Practical's
०१	जुलै	<u>वैचारिक गद्यलेखन</u> * वैचारिक मराठी काव्य ?
०२	ऑगस्ट	* वैचारिक गद्यलेखन मराठी काव्य ? * मराठीतील वैचारिक गद्यलेखनाची परंपरा * म. फुले यांचे जीवनकार्य
०३	सप्टेंबर	* म. फुले यांची जडण-घडण * म. फुले यांच्या परिवार * म. फुले यांच्या लेखनाबाबत माहिती * शेतकऱ्यांचा असूड
०४	ऑक्टोबर	* शेतकऱ्यांच्या असूडमधील शेतकरी * शेतकऱ्यांचे शोषण * शेतकऱ्यांच्या असूडमधील कृषीव्यवस्था * शेतकऱ्यांचे प्रश्न
०५	नोव्हेंबर	* म. फुले यांची वैचारिक मांडणी * म. फुले यांच्या वैचारिक लेखनाचे वैशिष्ट्ये * अंतर्गत परीक्षा
०६	डिसेंबर	* सेमिनार * टिपोरिथक



Signature of the Teacher



कर्म. आ. मा. पाटील कला, वाणिज्य
Signature of the HOD/Principal
विज्ञान वरिष्ठ महाविद्यालय, सिंपळनेर

TEACHING PLAN

Class : S.Y.B.A. (MIL) Sem.: _____ Subject : मुद्रित माध्यमांसाठी लेखन व संवाद Paper Code : MAR 236

Sr. No.	Month	Topics/Practical's
01	जुलै	* मुद्रित माध्यमांच्या परिचय, व्याख्या, स्वरूप * वृत्तपत्र म्हणजे काय ?
02	ऑगस्ट	* वृत्तपत्र माध्यमांच्या परिचय * वृत्तपत्र माध्यमांच्या उदगम आणि विकास * वृत्तपत्राच्या सुर्वसूधारणे स्वरूपाची माहिती * वृत्तपत्राचे दनादन कार्य
03	सप्टेंबर	* ऑनलाईन दैनिकांचा परिचय * वृत्तपत्राचे कार्य * वृत्तपत्राची उपयुक्तता * वृत्तपत्राचे ठळक वैशिष्ट्ये
04	ऑक्टोबर	* वृत्तपत्रासाठी लेखन * बातमीलेखन स्वरूप व तंत्र * बातमीचे स्वरूप, भाषा, बातमी लेखनाचे तंत्र * जाहिरातलेखन स्वरूप व तंत्र, भाषा, रचना
05	नोव्हेंबर	* जाहिरात लेखन * जाहिरातीचे स्वरूप, भाषा * जाहिरातीचा प्रभावक्षमता, तंत्र
06	डिसेंबर	* वृत्तपत्रासाठी लेखन, स्वरूप व तंत्र * वेसभ व सदरलेखन स्वरूप व तंत्र



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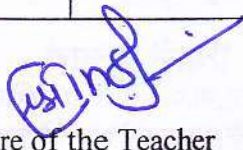
प्रभारी प्राचार्य
कर्म. आ. मा. पाटील कला, वाणिज्य
आणि कें. अण्णासाहेब रानडे पाटील
विज्ञान वारंभ महाविद्यालय, पिंपळनेर

Signature of the HOD/Principal

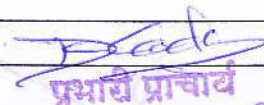
TEACHING PLAN

Class : T.Y.B.A. ^{Spl-III} Sem.: _____ Subject : मध्ययुगीन मराठी वाङ्मयाचा इतिहास Paper Code. : _____

Sr. No.	Month	Topics/Practical's
०१	जुलै	<ul style="list-style-type: none"> * मध्ययुगीन वाङ्मयाविषयी माहिती * मध्ययुगीन वाङ्मयाचा परिचय
०२	ऑगस्ट	<ul style="list-style-type: none"> * महानुभाव संप्रदायाविषयी माहिती (चक्रधरवामी, म्हाडंभट्ट) * महानुभाव संप्रदायाचे तत्त्वज्ञान * महानुभाव संप्रदायाचा आचारधर्म * _____
०३	सप्टेंबर	<ul style="list-style-type: none"> * महानुभाव संप्रदाय साहित्य * महानुभाव संप्रदाय झाले व पद्य (लुकाचरित) * महानुभाव संप्रदायाचे ठकक वैशिष्ट्य
०४	ऑक्टोबर	<ul style="list-style-type: none"> * शाहिरा वाङ्मय म्हणजे काय ? * शाहिरा वाङ्मयाची भूमिका स्वकप प्रेरणा * पोवाडा वाङ्मय परिचय * शाहिरांचा परिचय
०५	नोव्हेंबर	<ul style="list-style-type: none"> * लावणी वाङ्मय परिचय * लावणीकारांचा परिचय, माहिती * म्हाडंभट्ट * ह्याजलपाठ
०६	डिसेंबर	<ul style="list-style-type: none"> * अनंत कवी * सुंदरा मनामधी मरली



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प्रभारी प्राचार्य
 कर्म.आ.मा.पाटील कला, वाणिज्य
 शास्त्राचे अण्णासाहेब एन.के.पाटील
 विज्ञान वारंभ महाविद्यालय, पिंपळी

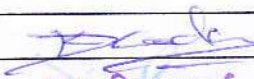
Signature of the HOD/Principal

TEACHING PLAN

Class : T.Y.B.A. (4-3) Sem.: Subject : दलित एकांकिका वाङ्मय प्रक्रिया अभ्यास Paper Code. :

Sr. No.	Month	Topics/Practical's
9)	जुलै	* नाट्यप्रकारविषयी चर्चा * नाटक म्हणजे काय? व्याख्या * नाटकाचे स्वरूप
02	ऑगस्ट	* दलित नाटकाविषयी माहिती * दलित नाटकाविषयी व एकांकिका माहिती * 1950 पूर्वी मराठी एकांकिका लेखन * 1950 नंतरचे मराठी एकांकिका लेखन
03	सप्टेंबर	* मराठीतील दलित एकांकिका लेखन * दलित एकांकिका लेखनाचे स्वरूप * 'शेटजीचे इलेक्शन' - अण्णाभाऊ साठे (कथानक, पात्र, मांडणी) * 'जहाज फुटक आठ' - दत्ता अगत (- ११ -)
04	ऑक्टोबर	* 'घोटकर प्राणी' - प्रेमनाथ गजवी * 'डोरा हर्डसन आधवा' - भगवान राऊत * (कथानक, पात्र, मांडणी, संवाद वक्षस)
05	नोव्हेंबर	* 'अंधा बायको मी देवाची' - शमनाथ चव्हाण * (कथानक, पात्र, मांडणी, संवाद) * अंतर्गत परीक्षा
06	डिसेंबर	* 'ऐन आषाढात पंढरपुरात' - संजय पवार * (कथानक, पात्र, मांडणी, संवाद)


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प्रभारी प्राचार्य
कर्म. आ. मा. पाटील, कला, वाणिज्य
विज्ञान वरिष्ठ महाविद्यालय, पेंपलनेर
Signature of the HOD/Principal

TEACHING PLAN

Class : T.Y.B.A. (MIL)

Sem.:

Subject : दूर-प्राण्य माध्यमांसाठी लेखन व संवाद

Paper Code. :

Sr. No.	Month	Topics/Practical's
०१	जुलै	* माध्यमाविषयीची माहिती, परिचय * माध्यमांचा परिचय (दूर-प्राण्य)
०२	ऑगस्ट	* दूरयंत्रवाणी दूर-प्राण्य माध्यमांचा परिचय * भारतातील दूरदर्शनविषयी माहिती, प्रारंभ, विकास * दूरयंत्रवाणीचे स्वरूप कार्य * आजची दूरयंत्रवाणीचा परिचय.
०३	सप्टेंबर	* दूरयंत्रवाणीचे कार्य, उपयुक्तता * दूरयंत्रवाणीचे वैशिष्ट्य * दूरयंत्रवाणीचे लेखन, स्वरूप * पटकथा लेखन, स्वाद लेखन, लघुनाट्य स्वरूप, भाषा.
०४	ऑक्टोबर	* माहितीपर कार्यक्रमांसाठी लेखन * जाहिरात लेखन, म्हाजि कार्य ? * जाहिरात लेखनाचे स्वरूप
०५	नोव्हेंबर	* जाहिरातीचे स्वरूप तंत्र भाषा * दूरयंत्रवाणीसाठी निवेदन कौशल्ये * वातुमी, वृत्तपत्र निवेदन, स्वरूप * अंतर्गत परीक्षा
०६	डिसेंबर	* निवेदन कौशल्य * व्यक्तिमत्त्व, देहबोली, भाषिक कौशल्ये

(Signature)

Signature of the Teacher

(Signature)

प्रभारि प्राचार्य

कर्म. आ. मा. पाटील कला, वाणिज्य
आणि के. अण्णासाहेब एन. के. पाटील
विज्ञान वारिष्ठ महाविद्यालय, पिंपरी

Signature of the HOD/Principal

(सत्र: दूसरे)

TEACHING PLAN (जाहिरात लेखन)

उपयोजित मराठी (मुळाखत लेखन)

Class : F.Y.B. Com Sem.: Subject : Paper Code. :

Sr. No.	Month	Topics/Practical's
01	डिसेंबर/जानेवारी	* उपयोजित मराठी म्हणजे काय ? * जाहिरात लेखनाविषयी माहिती * जाहिरात लेखन: प्रयोजन व आवश्यकता
02	फेब्रुवारी	* जाहिरातीची विविध माध्यमे * वृत्तपत्र, फाटक, रेडिओ, इशारेतवाणी) * जाहिरातीचे बदलतू स्वरूप * उल्लेख जाहिरातीचे निकष
03	मार्च	* जाहिरातीचे उपयोजन * जाहिरात तयार करणे * मुळाखत लेखनाविषयी माहिती * मुळाखत लेखन: प्रयोजन व आवश्यकता * अतर्गत परीक्षा
04	एप्रिल	* मुळाखतीची पूर्वतयारी * मुळाखतकाराच्या अंगी गुण * मुळाखतीचे प्रकार

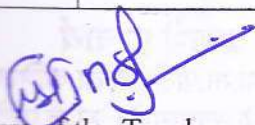
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प्रभारी प्राचार्य
कर्म.आ.मा.पाटील कला, कर्मिज्य
शांति के अण्णासाहेब नेने के कर्मिज्य
विज्ञान वरिष्ठ महाविद्यालय, मीरजूर

TEACHING PLAN

Class: S.Y.B.A. Spl-II Sem.: Subject: साहित्यविचार (भारतीय आणि पाश्चात्य) Paper Code.: MAR 243

Month	Topics/Practical's
डिसेंबर जानेवारी	<ul style="list-style-type: none"> * साहित्याची भाषा * शब्दशक्ती * शब्दशक्तीचे स्वरूप व प्रकारविषयी माहिती
फेब्रुवारी	<ul style="list-style-type: none"> * अलंकार विचार * वक्त्रोक्तीविचार * रूपक, प्रतिक, प्रतिमा, अनेकार्थता, अपरिचितिकरण * साहित्यातील रस
मार्च	<ul style="list-style-type: none"> * भरतमुनीचे रससूत्र * आठ स्थायीभाव व रस * अट्टलोक, प्रीशंकु, अट्टनायक, अभिनवगुप्त यांचा रसविचार * साहित्य आनंद आणि आस्वाद
एप्रिल	<ul style="list-style-type: none"> * काव्यानंदमिमांसा (कवी, रसिक आनंद) * अरिस्तोटलच्या कॅथॉसिसचा सिद्धांत * रिचर्ड्सचा प्रेरणासतुलनाचा सिद्धांत * अंतर्गत परीक्षा



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प्रभारी प्राचार्य
कर्म.आ.मा.पाटील कला, याणिज्य
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विज्ञान वरिष्ठ महाविद्यालय, पिंपळनेर

TEACHING PLAN

Class : S.Y.B.A. (4-2) Sem.: 04 Subject : चरित्र आत्मचरित्र लेखनाचा अभ्यास Paper Code. : MAR 241 A

Sr. No.	Month	Topics/Practical's
09	जानेवारी	<p><u>चरित्र - आत्मचरित्र</u></p> <ul style="list-style-type: none"> * चरित्र आत्मचरित्र स्वरूप * चरित्र - आत्मचरित्र फुस्क * चरित्र आत्मचरित्र वैशिष्ट्ये * चरित्र आत्मचरित्राची परंपरा
02	फेब्रुवारी	<p><u>चरित्रपरलेख्य</u></p> <ul style="list-style-type: none"> * विल्फ्रॅड हॉटेल : गॅड इंडियन सर्विस - श्यामला शिरोकर * सानेगुरुजी : व्यक्तिचरित्र आणि कार्य - चंद्रकांत वांढेकर * भाळयेंद्र नेमाडे : मु.पो सांगवी (बुधुक) श.रा. शर्मा
03	मार्च	<ul style="list-style-type: none"> * नसीमा आणि हेल्पर्स - अनिल अच्युत आत्मचरित्रपर लेख * ती आणि मी - भवराज जेने * नाथ्यप्रवासाची पहिली पाकळी - श्रीराम ठाबु
04	एप्रिल	<ul style="list-style-type: none"> * प्रकाशवाटा - प्रकाश आमटे * मन में हूँ विश्वास - विश्वास नांगरे पाटील * अंतर्गत परीक्षा


Signature of the Teacher


प्रभारी प्राचार्य
 कर्म.आ.मा.पाटील कला, वाणिज्य
 आणि वै.अणुशास्त्रज्ञ सं.के.पाटील
 विज्ञान वारंढ महाविद्यालय, पंपडनेर

TEACHING PLAN

Class: S.Y.B.A. (MIL) Sem.: 04 Subject: प्राण्य माध्यमासठी लेखन व संवाद Paper Code.: MAR 246

Sr. No.	Month	Topics/Practical's
०१	जानेवारी	<p>* <u>प्राण्य माध्यम: स्वरूप व परिचय</u></p> <p>* नभोवाणी: उदगम आणि विकास</p> <p>* नभोवाणी केंद्र.</p>
०२	फेब्रुवारी	<p>* नभोवाणी: कार्य</p> <p>* दैनंदिन कार्य / आजगी वाहिनी (एफ.एम)</p> <p>* नभोवाणी कार्य, उपयुक्तता</p>
०३	मार्च	<p>* नभोवाणीसाठी लेखन</p> <p>* भाषण लेखन: स्वरूप व तंत्र</p> <p>* भाषणार्थ स्वरूप, रचना, भाषा.</p> <p>* श्रुतिका लेखन: स्वरूप व तंत्र</p>
०४	एप्रिल	<p>नभोवाणीसाठी लेखन व संवाद</p> <p>* युवकासाठीच्या लेखनाचे स्वरूप व तंत्र</p> <p>* कार्यक्रमाची मांडणी, विषय, तंत्र, निवेदन</p> <p>* सरकारी व खाजगी नभोवाणी</p> <p>* निवेदन काशल्य</p>


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TEACHING PLAN

Class : T.Y.B.A. Sem.: SPI-III Subject : मध्ययुगीन मराठी वाङ्मयाचा इतिहास Paper Code: .

Sr. No.	Month	Topics/Practical's
09	जानेवारी	<ul style="list-style-type: none"> * मध्ययुगीन वाङ्मय निर्मिती, स्वरूप, प्रेरणा * वारकरी संप्रदाय माहिती * वारकरी संप्रदायाचे स्वरूप
02	फेब्रुवारी	<ul style="list-style-type: none"> * वारकरी संप्रदाय, तत्वज्ञान * वारकरी संप्रदाय आचारधर्म * वारकरी संप्रदायातील प्रमुख संत चर्चा. संत ज्ञानेश्वर, संत एकनाथ, संत नामदेव संत तुकाराम * वारकरी संत कवींची वाङ्मय निर्मिती
03	मार्च	<ul style="list-style-type: none"> * वखर वाङ्मय निर्मिती * वखर लेखन : प्रेरणा व भूमिका * वखर लेखन परियोजना (शिवपूर्वकालीन, शिवकालीन व पेशवेकालीन वखर) * वखर लेखनाची टक्के वाढीची
08	एप्रिल	<ul style="list-style-type: none"> * ज्ञानेश्वर * तुकारामगाथा * मल्हार रामराव चिटणीस * भाऊसाहेबांची वखर * अंतर्गत परीक्षा

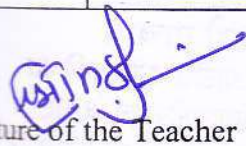
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TEACHING PLAN

Class : T.Y.B.A. (4-3) Sem.: _____ Subject : ललित गद्य (निबंध) Paper Code. : MAR 361

Sr. No.	Month	Topics/Practical's
01	जानेवारी	<ul style="list-style-type: none"> * ललित गद्य लेखन म्हणजे काय ? त्याचे स्वरूप * ललित गद्य लेखनाची परंपरा * ललित गद्य लेखनाचे वैशिष्ट्ये * सन 1950 पूर्वीचे मराठी ललित गद्य (लघुनिबंध)
02	फेब्रुवारी	<ul style="list-style-type: none"> * 1950 नंतरचे मराठी ललित गद्य लेखन (ललित निबंध) * ललित गद्य पुस्तकातील लेखापिषयी माहिती * 'मी' अनुभवाचे स्वरूप भावनात्मकता, चित्तजडीका
03	मार्च	<ul style="list-style-type: none"> * वॉड्सवर्थ - * संवादसाधना - विद्यावाक्य * संवादसाधनामधील विचार * ग्रॅफिटी वाठ - कविता मलजन
04	एप्रिल	<ul style="list-style-type: none"> * पहाटपाळी - श्रीकांत देशमुख * समतेचा खांद्या - जयदेव डोक * सी कुतू - सीनाली कुतूकर्णी * कवडसे - कल्पना दुधाक *


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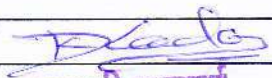
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TEACHING PLAN

Class : T.Y.B.A. (MIL) Sem.: Subject : आधुनिक समाजमाध्यमांची लेखन व संवाद Paper Code. :

Sr. No.	Month	Topics/Practical's
09	जानेवारी	<ul style="list-style-type: none"> * आधुनिक समाजमाध्यमांचा परिचय * आधुनिक समाजमाध्यमांचे कार्य, उपयुक्तता * आधुनिक समाजमाध्यमांचे स्वरूप
02	फेब्रुवारी	<ul style="list-style-type: none"> * आधुनिक समाजमाध्यमे * संकुतस्थक, ईमेल (स्वरूप, कार्य, वैशिष्ट्ये) * ब्लॉग, फेसबुक (---)
03	मार्च	<ul style="list-style-type: none"> * ट्विटर, वॉट्सअप युट्युव (परिचय, कार्य, विकास) * आधुनिक समाजमाध्यमांचे कार्य * आधुनिक समाजमाध्यमांचे लेखन * ई-मेल लेखन (ई-मेल म्हणजे काय? खाते, वापर, लेखन) * ब्लॉग लेखन (---)
04	एप्रिल	<ul style="list-style-type: none"> * फेसबुक, ट्विटर, वॉट्सअप (लेखन, स्वरूप व तंत्र) * फेसबुक व युट्युव (निवेदन) * अंतर्गत परीक्षा

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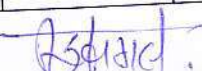

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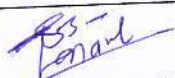
TEACHING PLAN

Dynamics & Properties of Matter

Class : F.Y.B.Sc. Sem.: I Subject : Properties of Matter Paper Code. : PHY 102.

Sr. No.	Month	Topics/Practical's
1	August 2022	Unit 1: GRAVITATION. Newton's Law of Gravitation, central force, motion of a particle in C.F.F. Kepler's laws (statement only). Conservation of Angular momentum. Areal velocity is constant. Satellite in circular orbit, Geosynchronous orbit. Applications of satellites, weightlessness, basic idea of GPS. -(8L, 16M)
2	Sept. 2022	Unit 2: Surface TENSION. Concept of surface tension, Examples of S.T., S.T., surface energy. Angle of contact, wettability, relation bet ⁿ S.T., Excess pressure & curvature, Factors affecting S.T., S.T. of water by Jaeger's method. Applications of S.T. -(7 Lect, 14 Marks)
3	Oct. 2022	Unit 3: ELASTICITY Hooke's law, stress-strain diagram. Elastic modulus, Relation bet ⁿ elastic constants - γ , K & η . Poisson's ratio, Expression for Poisson's ratio in terms of elastic constants. Workdone in stretching & workdone in twisting a wire. Torsional pendulum, To determine γ , K , η & σ by Searle's method. -(7L, 14M)
4	Nov. 2022	Unit 4: FLUID DYNAMICS & VISCOSITY Intro. General concept of fluid flow, streamline & turbulent flow, critical velocity. Different forms of energy possessed by liquids. Bernoulli's Th ^m applications of B.T. - Venturimeter & Pitot tube to find the rate of flow. concept of viscosity definition Newton's law of viscosity, velocity gradient, Rate of flow of liquid in a capillary tube. determination of coeff. of viscosity of a liquid by Poiseuille's formula. Viscosity of water by Poiseuille's method. Dependence of viscosity of liquid on Temperature -(8L, 16M)


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TEACHING PLAN

Class : S.Y.B.Sc. Sem.: III Subject : ELECTRONICS-I Paper Code. : PHY 302(CA)

Sr. No.	Month	Topics/Practical's
1	July & August 2022	Unit 1: SEMICONDUCTOR DIODE (Revision on metal, insulator & semiconductor, Intrinsic & Extrinsic Sem). SemiCon ^d Diodes: P & N type semi. Barrier formation in PN J ⁿ diode Qualitative idea of current flow mechanism in forward & Reverse bias diode PN J ⁿ & its ch ^{cs} static & dyna. resistance. Princ ^l , constan ^t , working & ch ^{cs} of (1) LEDs (2) Photodiodes (3) Solar-cell (PNJ ⁿ) (4) Zener diode - (7L, 14M)
2	Sept. 2022	Unit 2: RECTIFIERS & POWER SUPPLIES. Intro. to Rectifiers, Types: Half wave, Full wave recti ^r , (Centre tapped & Bridge) Calculation of ripple factor & rectification efficiency. Basic idea about capacitor filter, D.C. P/s (unregu. & regulated), Zener diode as a voltage regulator - (5L, 10M)
3	Oct. 2022	Unit 3: BIPOLAR JUNCTION TRANSISTOR. BJT: N-P-N & P-N-P Transistors. ch ^{cs} of CB, CE & CC conf ⁿ , Active, cut-off & saturation regions, current gains α & β , relation bet ⁿ α & β . Loadline analysis of T ₂ . DC loadline & Q point - (6L, 12M)
4	Nov. 2022	Unit 4: DIGITAL ELECTRONICS Binary numbers, Deci. to Bi & Bi to Deci conversion. Binary addition, subtraction using using 2's complement method. AND, OR, NOT gates (using diodes & T ₂) NAND & NOR gates as universal gates, XOR & XNOR Gates, De'Morgan's Thm ^s , Boolean laws, simplification of logic ckt's using Boolean algebra, fundamental products, Minterm & max term conversion of a T.T. into an equivalent Logic ckt's by (1) sum of product method & (2) Karnaugh's Map, Half adder & full adder & subtractor, 4-bit binary Adder-subtractor - (12L, 24M)

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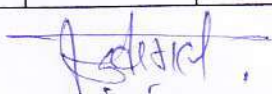
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TEACHING PLAN

Class : T.Y.B.Sc. Sem.: VI Subject : ELECTRONICS-II Paper Code. : PHY 504(A)

Sr. No.	Month	Topics/Practical's
1)	July Aug 2022	Unit 1: T ₂ . BIASING & T ₂ -AMPLIFIERS - (9P, 11M) Need of biasing, diff ^t methods of biasing (only list) voltage divider bias method in detail. single stage RC-coupled CE ampli. - working, voltage gain, freq-response & bandwidth. Def ⁿ of voltage ampli. & power ampli. class A, B, C & AB power ampli. (only load line diag. & explanation) & application list of each type.
2)	Aug 2022	Unit 2: T ₂ . SINUSOIDAL OSCILLATORS - (4P, 7M) Types of feedback, Barkhausen criterion, oscillator ckt (tank ckt), Types of oscillators (List only), Hartley osci., RC phase shift oscillator.
3)	Sept. 2022	Unit 3: SEMI. SWITCHING DEVICES - (9P, 12M) FET: Types (n-channel & p-channel), constructional details, electronic symbol, working principle & I-V char ^s FET parameters, Intro. to MOSFET, Application: of FET as VVR, FET as an ampli. JFET: constructional detail, equiv. ckt, symbol, working princ ⁱ & I-V char ^s , Applications: JFET as a switch, sel ⁿ osc. SCR: constructional detail, symbol, equiv. ckt of SCR, working princ ⁱ & I-V char ^s , T ₂ . analogy & its working, imp. terms (break over voltage, Holding current, forward current rating), Appl ^{ns} : SCR as a switch, controlled recti.
4)	Oct. Nov. 2022	Unit 4: DIGITAL ELECTRONICS A) Flip-Flops: Logic ckt, T.T., working & symbols of R-S, J-K FF - (6P, 9M) B) Counters: Types (Asynchro & synchro), 3 bit Asynchro. up counter (serial counter), 3 bit Asynchro down counter, 3 bit Asynchro up-down counter, 3 bit syn up count (parallel) module of counter mod-3, mod-5 & mod-10 counter - (7P, 10M) C) DATA PROCESSING CKTS: Multiplexer (2 to 1, 4 to 1 line), De-mult (1 to 2 & 1 to 4 line), Decoder (1 to 2, 1 to 4, BCD to deci decoder) Encoder (Deci to BCD encoder) - (5P, 6M) D) Timers: final block dia. of IC-555, pin conf ⁿ , astable, monostable, Bistable multivibrator using IC 555, Applications: square wave generator - (5P, 6M)



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TEACHING PLAN

Class : T.Y.B.Sc Sem.: V Subject : TECH. ELECTRONICS-I Paper Code. : PHY 506CA

Sr. No.	Month	Topics/Practical's
1)	July 2022	Unit 1: COMPONENTS & DEVICES (6P, 9M) Resistor, capacitor, inductor (type, const ⁿ & spec ⁿ), identification of resistor & capacitor value, Transformers: Types (single phase power \times^{wtr} , Auto \times^{wtr} isolation, AF, RF, IF), switches, Types of switches, Relay: Types (List only), EM relay: princ ^l , const ⁿ , working
2)	Aug. 2022	Unit 2: OPTOELECTRONIC DEVICES (5P, 8M) LED (const ⁿ , working & appl ⁿ), seven seg. display, LCD, photodiode (const ⁿ , working, ch ^{rs} & appl ⁿ s) Intro. to photoTs.
3)	Aug. 2022	Unit 3: PRINTED CKT BOARD (6P, 7M) Idea of PCB, advantages, copper clad, Etching processes, diff ^t steps for making PCB, precautions while making PCB, principle of Photolithography (for PCB)
4)	Sept. 2022	Unit 4: DC POWER SUPPLIES (7P, 10M) Block diag of unreg ^d & reg ^d P/S, their merits & demerits, series reg ^d P/S, voltage regulation (Load & Line) study of Monolithic voltage reg ^d : precision voltage reg ^d (IC 723), 3 terminal general purpose reg ^d IC - 78 78xxx & 79xxx
5)	Oct. 2022	Unit 5: OPAMP & its APPL ⁿ s (12P, 14M) Intro. to diff Amp, block diag of OPAMP, schematic symbol & pin diag of IC 741, imp. terms of OPAMP, such as I/P impedance, o/p Imp ^e , I/P offset voltage, open loop voltage gain, I/P-bias current, slew rate, Ideal & pract Parameters of OPAMP. concept of virtual gnd, Inv & Non inv. ampli with gain expressions, off-set null, appl ⁿ s: Adder, subtractor, Integrator, differentiator, comparator
6)	NOV 2022	Unit 6: DATA CONVERTERS — (9P, 12M) D to A converters: Resistive divider network, binary ladder network, A to D converters: successive approximation type, single slope, dual slope, voltage to Time, voltage to freq ^{cy}

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TEACHING PLAN

Class : FYBSc. **Sem :** II **Subject :** Dielect, Magne & Electromag **Paper Code :** PHY 202

Sr. No.	Month	Topics/Practicals
1)	16 th Jan 2023	<p>Unit 1. CAPACITANCE AND DIELECTRICS <u>Introduction, Calculation of effective/equivalent capacitance for series and parallel combination, Parallel plate capacitor with and without dielectric, Cylindrical capacitor and Spherical capacitor, Energy per unit volume in electrostatic field, Dielectric constant, Electric polarization, Gauss's law in dielectrics, Three electric vectors E, D, P and the relation between them, Introduction to Super capacitors and its applications.</u> (10 Lectures, 20 Marks)</p>
2)	Feb. 2023	<p>Unit 2. MAGNETISM <u>Magnetic properties of materials: Magnetic intensity, magnetic induction, permeability, magnetic susceptibility, Brief introduction of diamagnetic, paramagnetic and ferromagnetic Materials. Hard and Soft magnetic materials, Introduction to Magnetostatics : Biot-Savart's law and its applications-straight conductor, circular coil, solenoid carrying current, Divergence and curl of magnetic field, Magnetic vector potential, Ampere's circuital law (statement only)</u> (08 Lectures, 16 Marks)</p>
3)	Mar 2023	<p>Unit 3. ELECTROMAGNETIC INDUCTION: <u>Faraday's laws of electromagnetic induction, Lenz's law, self-inductance and mutual inductance of single coil, M of two coils, Reciprocity theorem of mutual induction, Energy stored in a magnetic field.</u> (05 L, 10 M)</p>
4)	15 th Apr 2023	<p>Unit 4. MAXWELL'S EQUATIONS AND ELECTROMAGNETIC WAVE PROPAGATION <u>Equation of continuity of current, Displacement current, Maxwell's equations, Poynting vector for plane wave, electromagnetic wave propagation through vacuum and isotropic dielectric medium, transverse nature of EM waves, polarization.</u> (07 Lectures, 14 Marks)</p>

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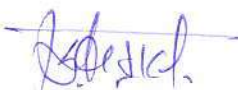
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TEACHING PLAN

Class : SYBSc. **Sem :** IV **Subject :** Waves, Osci. and acoustics **Paper Code :** PHY 401

Sr. No.	Month	Topics/Practicals
1)	16 th Jan 2023	Unit I: Composition of two S. H. M.'s <u>Composition of two S.H.M.s of equal frequencies along same line (co-linear) of vibration (analytical method only), Composition of two S.H.M.s of equal frequencies acting at right angles (analytical method with different cases), Composition of two S.H.M.'s right angles to each other (time period in the ratio 1:2), Lissajous figures- demonstration by mechanical, optical and electrical methods, applications of Lissajous figure (list only).</u> (06L, 16M)
2)	Feb 2023	Unit II: Waves Motion <u>General: Transverse waves on a string, Travelling and standing waves on a string, Normal Modes of a string, Plane waves, Spherical waves, Wave intensity.</u> (05L, 8 M)
3)	Mar 2023	Unit - III: Forced oscillations <u>Idea of forced oscillations, Resonance and its types- Mechanical resonance (Barton's pendulum), Acoustic resonance (resonance tube), Electrical resonance (LCR circuit) and Optical resonance (sodium vapour lamp), Differential equation of forced oscillations and its solution, Amplitude of forced oscillations, Amplitude resonance, Application to series L-C-R circuit.</u> (08L, 16M)
4)	15 th Apr 2023	Unit IV: Sound: <u>Parameters of Sound: Sound intensity, Loudness, Pitch, Quality and timber, Acoustic intensity level measurement, Acoustic pressure and its measurement, Reverberation and time of reverberation.</u> <u>Ultrasonics: Classification of sound frequencies, Piezoelectric effect, Generation of ultrasonic waves by Piezoelectric oscillator (using transistor), Application of ultrasonic waves (list only).</u> <u>Doppler effect: Doppler effect in sound, Expression for apparent frequency (no derivation), discussion of different cases when source, observer and medium are in relative motion, Asymmetric nature of Doppler effect in sound, Doppler effect in light, Symmetric nature of Doppler effect in light, Applications of Doppler effect in sound and light.</u> (11L, 20M)

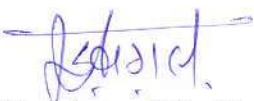

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TEACHING PLAN

Class : SYBSc. **Sem :** IV **Subject :** Electrical Ckts & Network Skills **Paper Code :** PHY 404

Sr. No.	Month	Topics/Practicals
1)	16 th Jan 2023	Unit 1. Basic Electricity Principles: <u>Voltage, Current, Resistance, and Power. Ohm's law. Series, parallel, and series-parallel combinations. AC Electricity and DC Electricity.</u> <u>Familiarization with multimeter, voltmeter and ammeter. (03 L, 06 M)</u>
2)	Feb 2023	Unit 2. Understanding Electrical Circuits: <u>Main electric circuit elements (R,L,C) and their combination. Rules to analyse DC sourced electrical circuits (KCL, KVL) Current and voltage drop across the DC circuit elements, Diode and rectifiers, . Response of inductors and capacitors with DC or AC sources Single-phase and three-phase alternating current sources. Rules to analyze AC sourced electrical circuits. Real, imaginary and complex power components AC source. Power factor. Saving energy and money. (07 L, 14 M)</u>
3)	Mar 2023	Unit 3. Electrical Drawing and Symbols: <u>Drawing symbols. Blueprints, Reading Schematics. Ladder diagrams. Electrical Schematics. Power circuits. Control circuits. Reading of circuit schematics. Tracking the connections of elements and identify current flow and voltage drop. (04L, 08M)</u> Unit 4. <u>Generators and Transformers: Types of DC Power sources. Principle of DC/AC generators, construction of DC generator, Operation of transformers. (03 L, 06 M)</u>
4)	15 th Apr 2023	Unit 5. <u>Electric Motors: Single-phase AC & DC motors (Basic design). Interfacing DC or AC sources to control heaters & motors, Speed & power of ac motor. (04 L, 8 M)</u> Unit 6. <u>Electrical Protection: Relays. Fuses and disconnect switches. Circuit breakers. Overload devices. Ground-fault protection. Grounding and isolating. Phase reversal. Surge protection. Interfacing DC or AC sources to control elements (relay protection device) (04L, 08 M)</u> Unit 7. <u>Electrical Wiring: Different types of conductors and cables. Basics of wiring-Star and delta connection. Voltage drop and losses across cables and conductors. Instruments to measure current, voltage, power in DC and AC circuits. Insulation. Solid and stranded cable. Conduit. Cable trays. Splices: wirenuts, crimps, terminal blocks, split bolts, and solder. Preparation of extension board. (05 L, 10 M)</u>

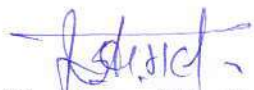

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TEACHING PLAN

Class : TYBSc. Sem : VI Subject : Basic Instru Skills Paper Code : PHY 605

Sr. No.	Month	Topics/Practicals
1)	16 th Jan 2023	<p>Unit 1: Use of basic measuring instruments: Instruments accuracy, precision, sensitivity, resolution range etc. Errors in measurements and loading effects. Study of Vernier calliper, Screw gauge, travelling microscope and their utility to measure the dimension of a solid block, volume of cylindrical objects, diameter of a thin wire and capillary tube, thickness of metal sheet, etc. Use of Sextant to measure height of buildings, mountains, etc. (04 P, 06M)</p>
2)	Feb 2023	<p>Unit 2: Electrical quantity measuring instruments: PMMC, Voltmeter (D.C. and A.C), specifications and their significance. Ammeter (D.C. and A.C), specifications and their significance. Ohmmeter (Series and Shunt type), specifications and their significance. Multimeter, Steps of measurement of dc voltage and dc current, ac voltage, ac current and resistance using multimeter, Specifications of a multimeter and their significance. (12 P, 14M)</p>
3)	Mar 2023	<p>Unit 3: Cathode Ray Oscilloscope <u>Block diagram of basic CRO, Construction of CRT, Electron gun, electrostatic focusing and acceleration (Explanation only- no mathematical treatment), brief discussion on screen phosphor, visual persistence and chemical composition. Time base operation, synchronization. Front panel controls. Specifications of a CRO and their significance, Use of CRO for the measurement of voltage (dc and ac), frequency, time period and phase. Introduction of Dual trace CRO and digital oscilloscope, probes.</u> (12P, 14M)</p>
4)	15 th Apr 2023	<p>Unit 4: Signal Generators and Analysis Instruments Block diagram, explanation and specifications of low frequency signal generators, pulse generator, and function generator. Brief idea for testing, specifications. (07P, 10M)</p> <p>Unit 5: Digital Instruments Principle and working of digital meters. Comparison of analog and digital instruments. Characteristics of a digital meter. Block diagram and Working principle of digital voltmeter (Ramp type only). Block diagram and working of a digital multimeter, Digital Frequency meter: Block diagram and Working principle: frequency and period measurement, accuracy and resolution. (10P, 16M)</p>

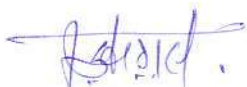

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TEACHING PLAN

Class : TYBSc. **Sem :** VI **Subject :** Technical Electronics II **Paper Code :** PHY 606

Sr. No.	Month	Topics/Practicals
1)	16 th Jan 2023	Unit 1: Sound System Microphones: characteristics, types (list only), carbon microphone and dynamic type microphone (Principle, construction and working), Loud speakers: Characteristics, Dynamic (Moving coil type) speaker, Multiway speaker system (woofer and tweeter), Connection type of speakers (series, parallel and series-parallel type). [R1, R2, R9]. (08P, 12M)
2)	Feb 2023	Unit 2: Public Address System Block diagram of Public Address (P.A.) system and its explanation, requirements of P. A. system, typical P.A. Installation planning (Auditorium having large capacity, college sports), Volume control, Tone control and Mixer system, Concept of Hi-Fi system, Monophony, Stereophony, Quadraphony, Dolby A and Dolby B system, CD-Player: Block diagram of CD player and function of each block. [R1, R2, R9]. (10P, 14M)
3)	Mar 2023	Unit 3: Medical instruments. <u>Bio-potential</u> , Types of electrodes, ECG (principle, block diagram, features) <u>Ultrasonography</u> : working principle [R 3, 4, 5] (07P, 8M) Unit 4: Transducer <u>Definition</u> , Classification, Selection of transducer, <u>Electrical transducer</u> : <u>Thermistor</u> , <u>Thermocouple</u> , <u>Pressure Transducer</u> : <u>Strain gauges</u> (wire, foil & semiconductor), <u>Displacement transducer</u> : <u>LVDT</u> , <u>Peizo-electric Transducer</u> <u>Optoelectronic transducers</u> : <u>LDR</u> , <u>Chemical sensors</u> : <u>pH sensor</u> , <u>Gas sensor</u> (Fundamental aspects), <u>Humidity sensor</u> (Resistive). [R7, R8]. (10P, 14M)
4)	15 th Apr 2023	Unit 5: Modern appliances <u>Remote Control</u> : Operating principle, block diagram, features. <u>Microwave Oven</u> : Operating principle, block diagram, features. <u>Cellular Phone</u> : Operating principle, Block diagram, specifications, features, and functions performed. <u>Washing Machine</u> : Operating principle, block diagram, features, <u>Fuzzy Logic</u> (Idea only), <u>Electronic Weighing Systems</u> : Operating principle, Block diagram, features. [R3]. <u>Infrared Thermometer</u> : Operating principle, Block diagram, features. (10P, 14M)



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TEACHING PLAN

Class : F.Y.B.Com Sem.: IInd Subject : Principles & Practices of Banking Paper Code. : _____

Sr. No.	Month	Topics/Practical's
1	January 2023	<p>topic 7th/1st - Balancesheet & Multiple credit creation, Balancesheet of Bank, credit creation process of credit creation, limitations of credit creation</p> <p>topic 8th/2nd - Principles of Sound Banking Meaning & Essentials of Sound Banking Principles of Banking, Conflict between Liquidity & Profitability, Reconciliation between Liq. & Profitability, concept of non performing Assets NPA</p> <p>topic 9th/3rd</p>
2	Feb 2023	<p>Central Bank, central Bank, functions of central Bank, Distinctions bet'n central Bank & Commercial Bank, Role of central Banks in the Economy, Organisation of the Reserve Bank of India, Development promotional functions of RBI</p> <p>topic 10th/4th, monetary policy</p>
3	March 2023	<p>monetary policy, monetary targeting, Control of credit by the Reserve Bank of India, Monetary Instrument of credit Control, Short Term Liquidity management by RBI, Liquidity Adjustment facility LAF</p> <p>topic 11th/5th The Financial market - Money Market, Capital market - participants in Indian Capital market</p> <p>topic 12th/6th Rural finance, financial inclusion & micro finance, Rural finance, Need of credit for rural areas & agriculture, credit facilities for Rural areas & agriculture</p> <p>financial inclusion, micro finance</p>

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TEACHING PLAN

Financial System

Class: B.Com Sem. II Subject: Modern Banking Paper Code. :

Sr. No.	Month	Topics/Practical's
1	January 2023	topic 8 th Nature & role of financial system Introduction, function of financial system stages of financial development, The structure of the financial system, financial system & its linkages with saving & Investment topic 8 th - an overview of the Indian financial system, Institutional development of India, Institutional changes since 1991, financial market & its types, financial Instruments & its types financial services & it types
2	Feb 2023	topic 9 th - financial sector Reforms in India I Introduction, financial Reforms, objectives of financial Reforms, strategy of financial Reforms, Policy Reforms topic 10 th - financial sector Reforms in India II New issues & stock market reforms, Government Securities market Reforms, Banking Sector Reforms, Impact of financial Reforms topic 11 th
3	march 2023	Regulatory Institutions - I, Introduction RBI, Monetary policy of RBI, objectives of Monetary Policy, Techniques of monetary Policy topic 12 th - Regulatory Institution - II NABARD, Establishments, objective, function Securities & Exchange Board of India Sebi, origin, objectives, Powers & function National Housing Bank NHB



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TEACHING PLAN

Class : F.Y.B.A. Sem.: I Subject : Introductory Economics Paper Code : Fl0-E-10(A)

Sr. No.	Month	Topics/Practical's
1	August 2022	<p><u>Topic 1st</u> - Introduction of micro Economics</p> <p>(1) meaning & definition micro Economics, wealth, welfare, scarcity & modern, meaning & definition micro Economics, Demand Definition & meaning, (a) Law of Demand (b) Determination of demand (c) Increase & decrease in Demand (d) Elasticity of demand - meaning (1-3) Supply meaning, (a) Law of Supply (b) Determinants of supply (c) Elasticity of supply - meaning, The Basic concept - plant, firm, Industry, perfect competition, monopoly, Monopolistic competition, oligopoly & duopoly (d) Price determination under perfect competition (e) Demand & supply equilibrium (f) The Value of paradox (g) changes in demand, supply & Equilibrium price (h) Importance of time elements in pricedetermination</p>
2	September 2022	<p><u>Unit 2nd</u> Introduction of money & banking</p> <p>(1) Money - meaning, Exchange system, (b) Evaluation of money (c) Definition of money (d) function of money (e) Banking, Definition & meaning (f) function of Banking (g) central Bank (h) meaning & definition (i) function of Central Bank (j) The new Technology in Banking (k) Needs, Importance role & benefits of new technology in banking (l) ATM Debit card, Credit card, RTGS, NEFT, NPS, E parcels / E money, mobile banking, Internet banking, Core banking, Virtual banking & Virtual card, fund transfer at Point of sale cashless transaction (m) precaution in using banking technology</p>
3	October 2022	<p>(1) meaning & definition macro Economics (2) National Income (a) meaning, Concept & Measurements (b) Difficulties in measurements of national Income (c) circulation flow of national Income (d) The Theory of Employment & output, Say market Law, Great depression, principles of effective Demand, full Employment & under Employment equilibrium (e) Importance of effective demand.</p>


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TEACHING PLAN

Class : F.Y. B.O.A Sem.: II Subject : Introductory Economics Paper Code. : _____

Sr. No.	Month	Topics/Practical's
1	January 2023	<p>Topic 1st - International trade & Public Finance</p> <p>(1) International trade, (a) meaning, similarities & differences between Internal & International trade (b) Basic of trade International trade</p> <p>(2) Classical theory of International Trade & Adm. (a) Advantage & Disadvantages of International Trade (b) Exchange rate meaning & types (c) Public Finance (a) meaning definition & Importance of public finance (b) Public expenditure - meaning, Role principles, classification & causes of increase in public expenditure (c) Public Revenue. Meaning. Tax & non tax revenue. classification of taxes Role of taxes in Economy (d) Public debt - meaning objective types & Importance (e) Budget meaning Types of deficit finance</p>
2	Feb 2023	<p>Topic 2nd Economics of Development & Planning</p> <p>(1) Economic development & Planning growth (a) meaning (b) indicators of Economics development (2) Population (a) theory of demographic transition (b) problems of over population (c) Role & Importance of Population in economic development (3) Economic planning (a) meaning, definition, objective, types & need (b) NITI Aayog (a) structure (b) Difference between planning commission Niti Aayog (c) Role & Importance of Niti Aayog</p>
3	March 2023	<p>Introduction of statistics for Business</p> <p>(1) Introduction to statistic - meaning function, (a) Types of data & sources of data (b) Types of statistics (d) Importance of statistics for business (c) Limitation of statistics</p> <p>(2) An overview of central tendency (a) Arithmetic mean median & mode (b) Relationship of mean median & mode (c) The best measures of central tendency (d) The concept of index</p>

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Class: S.Y.B.A

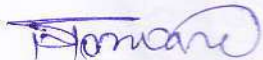
Sem.: I


Subject: SEC-ECO 234

Paper Code: SECECO234

Research methodology for ECO.

Sr. No.	Month	Topics/Practical's
1	August 2022	Introduction to Research (1) Introduction (2) meaning & Definition of research (3) Types of Research (4) Economics Research (1) meaning & Definition of Economics Research (2) objective (3) Nature of Economics research (4) Importance & Limitation of Economics Research
	September 2022	Research Design (1) Meaning of Research Design (2) Necessary of Research Design (3) Need of Research Design (4) characteristics of Good Necessary of Research Design (5) Types of Research Design (6) Research Hypothesis (1) Definition
	October 2022	Data Collection (1) Meaning of Definition of Data (2) Types of Data Collection (a) Primary Data (i) Interview - meaning, characteristics, types, Limitations (b) questionnaire meaning, Nature, objective, Types, Ideal questionnaire, structure of questionnaire meaning, Nature, objective, Types, Ideal (c) observation - meaning, Types, Merit & demerits of each Type process of observation precaution of take for observation schedule meaning Types process merits & demerits (e) survey method - meaning Types, process Merits & Demerits


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TEACHING PLAN

Class: Soyob A Sem.: IV Subject: Research Methodology for Economists Paper Code: SEC-ECO-244

Sr. No.	Month	Topics/Practical's
1	Jan January 2023	Data Collection 1) secondary data collection 2) Types of secondary data 3) Merits & demerits of secondary data 4) Case study 5) Meaning of Case study, Nature & characteristics Types of case study, merits & demerits 6) Historical method 7) Tools of historical methods 8) Precaution for historical methods
2	Feb 2023	Research & Sampling 1) Meaning & definition of Sampling 2) Selection & size of sampling 3) census v/s sampling method 4) Types of sampling 1) Random Sampling meaning merits & demerits 2) Simple random Sampling 3) Systematic random Sampling 4) stratified random sampling 5) Two stage Sampling 6) purposive sampling 7) Quota Sampling
3	March 2023	Data Analysis 1) Definition, Nature, Importance 2) Classification - meaning, function Types, Tabulation - meaning - part of table Types 3) Frequency distribution cumulative frequency meaning of class boundaries, midpoint 4) Graph & diagram - meaning & types of graph meaning and types of diagram pie diagram 5) Research Report meaning 6) Types of Research Report 7) element of research report

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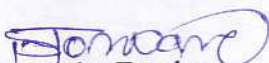
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Class: Soyob.A Sem. III Subject: Agricultural Economics Paper Code: DSEECO 232

Sr. No.	Month	Topics/Practical's
1	August 2022	Unit 1st Introduction to Agricultural Economics (a) Agricultural Economics, Definition & Meaning - nature scope & Importance (b) Role of Agriculture sector in Economic Development (Special Reference to Indian Economy) (c) Dependency between Agriculture & Indian
2	September 2022	Land holding & organization (a) Types of land holding (Basic holding optimum holding, Family marginal, Small size holding, Medium & large size holding) (b) Size productivity & efficiency of land holding (c) Farm organization (peasant farming, capitalist farming, state farming, collective farming, cooperative farming, group farming, contract farming, organic farming) (d) Most suitable farm organization for Indian Agriculture
	October 2022	Risk & uncertainty in agriculture (a) Difference between Risk & Uncertainty, types of uncertainty, measures, to deal with uncertainty (b) Instability of agriculture (types of instability, types of risk in Agriculture (price instability), Income instability) (c)


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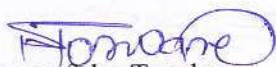

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Class: S.Y.B. (A) Sem.: IV Subject: Agricultural Economics II Paper Code.: 242.B

Sr. No.	Month	Topics/Practical's
1)	December 2023 January 2024	Unit 1 st Agricultural price policy in developing countries (a) objectives of agricultural price policy (b) Bases of price fixation (c) price policy for agricultural inputs (d) consumer protection & agricultural price policy (e) Agricultural price policy in India: Agricultural prices commission objectives of Agricultural price policy in India, Important constituents of Agricultural price policy in India fixation of minimum support prices, distinction between support prices & procurement prices (f) Recent price policy of India (Reforms period)
2)	January 2024 February 2024	Agricultural Marketing System & Mechanization (a) Importance of an efficient system of agricultural marketing (b) efficiency criteria for Agricultural Marketing (c) efficiency of the Indian agricultural marketing (d) mechanization in agriculture meaning, desirability of mechanization of Indian Agriculture arguments for & against
3)	Feb. March 2024	Agricultural Labour (a) meaning of agricultural labour classification of Agricultural labour (b) Growth in the number of Agricultural labour in India & its causes (c) minimum wages of Agricultural labour (d) migration of Agricultural labour (e) problems & difficulties of Agricultural labour Suggestion to solve the problems of Agricultural Labour



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TEACHING PLAN

Class : Toyo B A Sem. IV Subject : Indian Economy Paper Code. : EG 351

DSC-1(E)

Since 1980 III

Sr. No.	Month	Topics/Practical's
17	July August 2022	Unit 1st financial System in India (a) The structure of Indian financial System (b) Money Market - meaning, Nature & Importance of India Money market (c) Constituents of money Market (d) Recent Reforms in Indian money market (e) Capital Market - meaning & Nature of Capital Market (f) Constituents of Capital Market (g) Defects of Capital market (h) Recent Reforms in Indian market (i) functions of Sebi (SFBI)
2	August September 2022	Unit 2nd Money & Banking in India (a) Trends of Prices in India (b) Causes of raising Prices in India (c) Inflation - meaning, Consequences of Inflation in India (d) Anti-Inflationary policy of Government (e) Indian Banking structure of Indian Banking System (f) functions of commercial Banking in India (g) Progress of commercial Banking since India Nationalisation in India (h) main function of RBI (i) Development Banking - objectives & function (j) functions of TFCI & IDBI
3	September October 2022	Unit 3rd - Foreign Trade & Globalization of India (a) Importance of foreign trade for Developing Economy (b) Composition of India's foreign Trade (c) Direction of Indian foreign foreign trade (d) India Balance of payment BOP (e) Measures to correct the adverse BOP (f) Recent Trade Policy (g) Concept of LPE effects of globalization on Indian Economy (h) Role & functions of WTO, World Bank & IMF


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