Lesson Plan Even Sem 2021-22

Teacher Name Shreyasi

Subject Research Methodology Practical

Class BAMC VI Semester

Week	**Topics**
1-10 April	Communication Research Meaning and Concept
11-17 April	Scope and Importance of Communication Research
18-24 April	Development of Media Research
25 April-1 May	Ethics of Media Research
2 -8 May	Research Design Sampling Methods
9-15 May	Questionnaire, Research questions
16-22 May	Analysis and Interpretation
23-29 May	Basic of Research Writing
30 May-5 June	Role of Computer In Research
6 -15 June	Revision

Lesson Plan Even Sem 2021-22

Teacher Name Shreyasi

Subject LME II

Class BAMC IV Sem

Week	Topics
1-10 April	Growth and development of English language
11-17 April	Introduction to written and spoken English
18-24 April	Different types of spoken English - British, American and Indian
25 April-1 May	Usage of dictionary and thesaurus Diction - words meaning and usage
2 -8 May	Spelling rules, verb patterns Idioms and phrases Common errors in spellings and sentences
9-15 May	Human organs of articulation Main problems in pronunciation
16-22 May	Translation: Rules of Translation, Common Errors in Translation,
23-29 May	Translation of English News Story in Hindi Voice analysis Pitch and tempo for effective presentation
30 May-5 June	Exercising right pronunciation of difficult words
6 -15 June	Revision

Lesson Plan Even Sem 2021-22

Teacher Name Shreyasi

Class- BAMC I Sem II

Communication and Society

Week	Topics
1-10 April	Meaning of family, kinship, class, caste, clan, tribe, marriage
11-17 April	Characteristics of Indian culture,India's main social institutions Mass media and society: Importance of media, media impact on society, social responsibility of media.
18-24 April	Elements of human behaviour Psychology of a child, teenagers, youths and elders
25 April-1 May	Psychology of various social groups,Psychology of masses and crowd
2 -8 May	Media and democracy, Freedom of speech and expression, Right to information, Right to privacy and media as a watchdog
9-15 May	Mass media and public interest: Role of media in social movements.
16-22 May	Ownership of media, Internal and external threats, pressures on media, media regulations
23-29 May	Media credibility: factors affecting media credibility.
30 May-5 June	political – cultural movements, national integration, communal harmony
6 -15 June	Revision

Lesson Plan Even Sem 2021-22

Teacher Name Shreyasi

Class- BAMC I Sem II/ Language and media-I

Week	**Topics**
1-10 April	Growth and development of English Language in India Punctuation marks, Plural forms, practice of Spellings
11-17 April	Practising Tenses
18-24 April	Active and Passive Voice
25 April-1 May	Practising Tenses Active and Passive Voice
2 -8 May	Applications,letters
9-15 May	News stories
16-22 May	Essentials of good writing Effective News Writing Telephonic Conversation Writing invitations to functions; replies to invitations
23-29 May	articles, features book/film reviews
30 May-5 June	Writing headlines: Language and grammar components Report Writing, writing memoirs, travelogues Writing for the Web
6 -15 June	Revision

Lesson Plan Even Sem 2021-22

Teacher Name : ANIL PANDEY

Subject : Development Communication

Class : BAMC VI Semester

Week	Topics
1-10 April	Definition, meaning and process of development
11-17 April	Concept of Development: Evolution, Historical perspectives and debates Various Models of Development
18-24 April	Role of Government in Development: Evolution of Planning process and new approaches, Wild life and forest conservation
25 April-1 May	Rights-based Approach to Development: Education, Food, Employment and Health
2 -8 May	Development and Marginal communities: Women, Dalit, Adivasis, Minorities, Economic and social indicators of development, Other indicators
9-15 May	Communication as an indicator, Democracy as an indicator, Human Rights as an indicator
16-22 May	Communication for rural development Strengthening of Panchayat Raj Advancement in farming and alternative employment Conservation of rural culture – tradition
23-29 May	Communication for urban development: Urban sanitation Consumer awareness
30 May-5 June	Slum development Communication for Tribal develop
6 -15 June	Revision

Lesson Plan Even Sem 2021-22

Teacher Name : ANIL PANDEY

Subject : Media and Polity

Class : BAMC II Semester

Week	Topics
1-10 April	Introduction to the Indian constitution, framing of Indian constitution, Salient feature of Indian constitution
11-17 April	Components of Indian constitution, preamble of the constitution Fundamental rights and duties.
18-24 April	Lok Sabha, Rajya Sabha its functions and power, System of Election of Lok Sabha & Rajya Sabha
25 April-1 May	Organs of Indian Political System, Legislature: Power and Functions,
2 -8 May	Executive: Power and Function ,Judiciary: Power and Function ,
9-15 May	Role of Press in Indian Democracy Introduction to union Government, president, vice president, prime minister and council of ministry.
16-22 May	Different ministries, their nature, functions and roles. Introduction to state Government,
23-29 May	Governor Chief Minister and council of ministry,
30 May-5 June	Panchyati Raj System in India and its key features
6 -15 June	Revision

Lesson Plan Even Sem 2021-22

Teacher Name : ANIL PANDEY

Subject : TV Prod

Class : BAMC VI Semester

Week	Topics
1-10 April	Introduction to Television Production
11-17 April	Various stages of T.V. Production
18-24 April	Different Television Programme formats Television Station Structure
25 April-1 May	Functions and duties of Team Members Idea Generation , Synopsis , Proposal,
2 -8 May	Different types of Script formats
9-15 May	Style and techniques of script writing
16-22 May	How television script is different from newspaper and radio
23-29 May	Creativity and Television Writing
30 May-5 June	Revision
6 -15 June	Revision

Lesson Plan Even Sem 2021-22

Teacher Name : ANIL PANDEY

Subject : PP

Class : BAMC VI Semester

Week	Topics
1-10 April	Design concept & importance Basic principles of layout designing
11-17 April	Tools of layout designing Terms in layout planning : Press layout, page layout, dummy, cover layout,
18-24 April	make up,4 model, story board Stages in layout, Types of layout Principles of design
25 April-1 May	Introduction to page maker and its features Introduction to quark express and its applications
2 -8 May	Introduction to In-design and its applications Introduction to photoshop and its various applications
9-15 May	Desk Top Publishing Visual importance and functions
16-22 May	Categories of visual Selection and placement of photos
23-29 May	Introductions to Photoshop and its various applications Photo cropping & caption writing. Basic principles of photo editing Newspaper designing, design principles
30 May-5 June	Newspaper format, Various design elements, page make up, front page, editorial page, section page, colour pages Process of Producing a Lab Journal, News letter, Newspaper, Magazine
6 -15 June	Revision

Lesson Plan Even Sem 2021-22

Teacher Name Dr Chitra Tanwar

Subject Research Methodology

Class BAMC VI Semester

Week	**Topics**
1-10 April	Communication Research Meaning and Concept
11-17 April	Scope and Importance of Communication Research
18-24 April	Development of Media Research
25 April-1 May	Ethics of Media Research
2 -8 May	Research Design Sampling Methods
9-15 May	Questionnaire, Research questions
16-22 May	Analysis and Interpretation
23-29 May	Basic of Research Writing
30 May-5 June	Role of Computer In Research
6 -15 June	Revision

Lesson Plan Even Sem 2021-22

Teacher Name Dr Chitra Tanwar

Subject New Media Theory

Class BAMC IV Sem

Week	**Topics**
1-10 April	Internet as a medium of communication, History and evolution of net
11-17 April	Reach and access of net, applications of net
18-24 April	Growth and development of online journalism
25 April-1 May	Characteristics of Online Journalism
2 -8 May	Important news websites and characters
9-15 May	Online writing Dos and Donts, Live writing
16-22 May	Participator jounr, portals
23-29 May	Blogging, web team members, web uses
30 May-5 June	Social media impact on web and SMP
6 -15 June	Revision

Lesson Plan Even Sem 2021-22

Teacher Name Dr Chitra Tanwar

Subject New Media Practical

Class BAMC IV Sem

Week	**Topics**
1-10 April	Internet as a medium of communication, History and evolution of net
11-17 April	Reach and access of net, applications of net
18-24 April	Growth and development of online journalism
25 April-1 May	Characteristics of Online Journalism
2 -8 May	Important news websites and characters
9-15 May	Online writing Dos and Donts, Live writing
16-22 May	Participator jounr, portals
23-29 May	Blogging, web team members, web uses
30 May-5 June	Social media impact on web and SMP
6 -15 June	Revision

Lesson Plan Even Sem 2021-22

Teacher Name Dr Chitra Tanwar

Subject LME

Class BAMC IV Sem

Week	Topics
1-10 April	Growth and development of English language
11-17 April	Introduction to written and spoken English
18-24 April	Different types of spoken English - British, American and Indian
25 April-1 May	Usage of dictionary and thesaurus Diction - words meaning and usage
2 -8 May	Spelling rules, verb patterns Idioms and phrases Common errors in spellings and sentences
9-15 May	Human organs of articulation Main problems in pronunciation
16-22 May	Translation: Rules of Translation, Common Errors in Translation,
23-29 May	Translation of English News Story in Hindi Voice analysis Pitch and tempo for effective presentation
30 May-5 June	Exercising right pronunciation of difficult words
6 -15 June	Revision

Lesson Plan Even Sem 2021-22

Teacher Name Dr Chitra Tanwar

Subject AD and PR

Class PGDJMC

Week	**Topics**
1-10 April	Concept, definitions, and process of public relations
11-17 April	Need and scope of Public Relations
18-24 April	Growth and development of PR with special reference to India
25 April-1 May	Public Relation-Advertising-Propaganda-Publicity-Corporate Communication: similarities and differences
2 -8 May	Tools of Public Relations Careers in PR set-up
9-15 May	PR set-up in central and State Government
16-22 May	PR set-up in Private and public sectors
23-29 May	PR agency-structure and functions PR in crisis management PRSI
30 May-5 June	Revision
6 -15 June	Revsion

PGDCA

Operating System

Nov.2021	Introduction to Operating System, O/S functions
Dec,2021	History of operating System, Real Time Systems, Distributed systems ,O/S Services, System calls, System programs, Process concept, Process scheduling
Jan,2022	Process Concept, Process scheduling, Scheduling algorithms
Feb,2022	Deadlocks and its Preventation and avoidance, Recovery from deadlock, Storage Management, Storage allocation methods, Single contiguous allocation, Multiple contiguous allocation, Paging ,Segmentation.
March,2022	Single Contiguous allocation, Multiple Contiguous allocation, Paging ,Segmentation.
April,2022	File System ,Directory systems, Disk scheduling Policies, File Protection
May,2022	Windows and its features, use, Working with files and folders, Linux
June,2022	Revision

BCAII (Relational DataBase Management Sysem)

April,2022	Relational model Concepts, Relations, Codd's Rules, Relational Algebra, Relational Calculus
May,2022	Functional Dependencies and Normalization, Anomalies Functional Dependencies, Normal forms, SQL, Specifying Constraints in SQL,DDL,DML and DCL
June,2022	Commands, Queries, Tables, views, Indexes, Clauses PL/SQL Architecture, PL/SQL Basics, Advantage of PL/SQL, PL/SQL character set and Data types, Control structure,
July,2022	Cursors, Triggers, Programming using PL/SQL

BCAII (Fundamentals of Data Base System)

July,2019	Data, Information, Records, files
August,2019	Traditional file system and Data Base approach, DBMS and its components, Advantages and Disadvantages of DBMS, Roles in Data Base environment: DBA, Database Designer, Application developer and use
September,2019	Database System Architecture, Three levels of architecture, Schemas, Mappings and Instances ,Data Independence ,Client server Architecture

October,2019	Data Models, ,ER Model, Entity Types, Entity sets Types, ER diagram, Relational model Concepts,Relations, Codd's Rules,Keys,Domains, Hierarchical Data model, Network data model, Relational algebra
November,2019	Revision

LESSON PLAN

DEPARTMENT OF HOME SCIENCE
SESSION 2020-21
w.e.f 01.04.2022

CLASS – B.A. II SEMESTER
NAME OF THE PAPER – HEALTH AND HYGINE

MONTH		TOPICS TO BE COVERED
April	Week I	Health and Hygiene
	Week II	Water
	Week III	First Aid/ Infection
	Week IV	Infection
	Week V	Revision / assignment and test
May	Week I	Disinfectants
	Week II	Diseases spread by insects/ ingestion
	Week III	Diseases spread by droplet infection / contact
	Week IV	Breast cancer/ cervix cancer
	Week V	Revision and Test

(Vandita Sharma)
Department of Home Science

LESSON PLAN

DEPARTMENT OF HOME SCIENCE
SESSION 2020-21
w.e.f 01.04.2022

CLASS – B.A. IV SEMESTER
NAME OF THE PAPER – TEXTILE AND CLOTHING

MONTH		TOPICS TO BE COVERED
April	Week I	Traditional Textiles
	Week II	Fiber – Types Classification
	Week III	Cotton /Silk
	Week IV	Polyster / Rayon
	Week V	Revision Test
May	Week I	Finishes Types
	Week II	Finishes Type
	Week III	Weaves Laundary Reagents
	Week IV	Laundary Reagent
	Week V	Stain Removal
	Week VI	Revision Test

(Vandita Sharma)
Department of Home Science

Lesson Plan: M.A. 3rd Semester

ECONOMICS OF ENVIRONMENT AND SOCIAL SECTOR

November: Unit – I

Environment, ecology and economy; Pareto optimality and perfect competition; External effects in production and consumption; Market failure in case of environmental goods - incomplete markets, externalities, non-exclusion; non-rivalry; non-convexities and asymmetric information.

December: Unit – II

Environmental policy framework in India - problems of command & control regime; New Environment Policy. Natural resources: types, classification and scarcity; Elementary capital theory; Economics of natural resources.

January: Unit – III

Economic instruments for environmental protection; Pollution charges, ambient charges, product charges, subsidies; Liability rules - non-compliance fees, deposit refund system, performance bonds. Marketable pollution permits; Evaluative criteria of and practical conditions for use of the economic incentives; Mixed instruments; Choice among policy instruments. Estimation of marginal cost of pollution abatement for designing the pollution tax.

February: Unit – IV

Coase's bargaining solution and collective action. Measures of economic value of environment WTP and WTAC; Contingent valuation method; Travel cost method; Hedonic market methods; Averting behaviour approach - household health production function method.

Hari Ram Kaushik

Assistant Professor of Economics

Lesson Plan: M.A. 3rd Semester

INTERNATIONAL TRADE AND FINANCE-1

November : Unit - I

Theory of International Trade Classical Theory of International Trade – Theories of absolute advantage, comparative advantage. Neo Classical Theory of international Trade (opportunity costs theory); Modern Theory of International Trade (Heckscher-Ohlin Model).Empirical Testing of theory of Heckscher-Ohlin.

December: Unit - II

Alternative Theories of International Trade Offer Curve Analysis; J.S. Mill's Theory of Reciprocal Demand; Factor Price equalization theorem; Factor Progress and Rybczynski theorem; Kravis and Linder theory of International trade. Trade under Imperfectly Competitive Markets conditions.

January: Unit - III

Gains from International Trade Measurement of gains from trade and their distribution; Concepts of terms of trade, their uses and limitations; Hypothesis of secular deterioration of terms of trade, its empirical effects of relevance and policy implications for less developed countries; Theory of interventions (Tariffs, quotas and Nontariff)-Economic effects of tariffs (Partial and General Equilibrium analysis) Tariff and Stopler Samuelson Theoram .Optimum rates of tariffs – their measurement and effective rate of Protection.

February:Unit - IV

Growth and Trade Economic Growth and International Trade-Production effect, consumption Effect, The effects of growth on small countries; The Effects of Growth on Large Countries; Technical Progress and International Trade; Import substitution v/s Export Push; Trade Liberalization: Need and Objectives; Liberalization experience of developing countries with special reference to India.

Hari Ram Kaushik

Assistant Professor of Economics

LESSON PLAN: B COM1

MICRO ECONOMICS

Oct-November

Meaning, nature and scope of economics; micro and macroeconomics; Theories of demand: cardinal utility approach; Indifference curve approach: assumptions, properties, and consumer equilibrium, price, income and substitution effects, limitations

December

Nature of demand function: law of demand; elasticity of demand: price, income and cross; measurement methods of price elasticity of demand. Production function: meaning and concepts, law of variable proportions; economies and diseconomies of scale; law of returns to scale;

January

Cost concepts; Theory of costs: traditional and modern. Equilibrium of firm and industry under perfect competition; price and output determination under monopoly, price discrimination;

February

Price determination under monopolistic competition: Chamberlin's approach, monopolistic competition vs monopoly.

Hari Ram Kaushik

Assistant Professor of Economics

MACRO ECONOMIC ANALYSIS-I

Unit-I

Nov Week 2,3 - National Income and Accounts National income accounting.

– social accounting, input-output accounting, flow of funds accounting

Nov Week 4 -Balance of payments accounting

Dec Week 1-Classical and Keynesian Models of income determination.

Dec Week 2 - Consumption function, Keynes' Psychological law of consumption – implications

of the law; Empirical evidence on consumption function

Dec Week 3-Reconciliation of short run and long run consumption function

Dec Week 4– Absolute income, relative income, permanent income and life cycle hypotheses.

Unit-II

Jan week 1-Investment Theories, Investment Function; The Marginal Efficiency of Capital Approach

Jan Week 2-Accelerator- Simple & amp; Flexible; Profits Theory; Financial Theory;

The Neoclassical Model.

Unit-III

Jan week 3-Demand for Money

Classical and Keynesian approach (The Regressive Expectations model)

Jan week 4-Post Keynesian approaches to demand for money-Tobin (Portfolio balance approach)

Feb week 1- Baumol (Inventory theoretic approaches) and Friedman (Restatement of quantity theory of money).

Feb Week 2- Patinkin's real balance effect.

Unit-IV : Feb 3rd Week

Supply of Money, Measures of money supply

- RBI's approach to money supply; Mechanism of Monetary expansion and contraction (deterministic and behavioural models)

-Determinants of money supply; Instruments of Monetary control.

Neo-classical and Keynesian Synthesis, -The Basic IS-LM model, extension of IS-LM model with government sector, labour market and variable price level.

Lesson plan by

Hari Ram Kaushik

Assistant Professor of Economics

Lesson Plan : BA I Micro Economics Semester I

UNIT-I

Oct-Nov

Economics: Definition, Nature, Scope, The Economic Problem : Scarcity and Choice, Functions of an Economic System, Law of Demand ,Elasticity of Demand: Concept, Types, Measurement, Determinants and Importance

UNIT -II

December

Concept of Utility , Cardinal Utility Analysis, Law of Equi- Marginal Utility, Law of Diminishing Marginal Utility , Derivation of Demand Curve , Ordinal Utility Analysis, Indifference Curves Analysis, Consumer Equilibrium , Price, Income and Substitution Effects , Consumer Surplus

UNIT-III

January

Production Function & Product Curves , Law of Variable Proportions , Iso-quants & Iso-Lines , Returns to Scale, Economies & Diseconomies of Scale Internal & External , Supply Curve & Elasticity of Supply.

UNIT-IV

February

Cost Analysis: Concepts of Cost, Short Period Costs, Long Period Costs , Modern Theory of Costs. Revenue: Total, Average and Marginal Revenue, Break Even Analysis and its Uses.

Hari Ram Kaushik

Assistant Professor of Economics

LESSON PLAN: B COM1

MICRO ECONOMICS

Oct-November

Meaning, nature and scope of economics; micro and macroeconomics; Theories of demand: cardinal utility approach; Indifference curve approach: assumptions, properties, and consumer equilibrium, price, income and substitution effects, limitations

December

Nature of demand function: law of demand; elasticity of demand: price, income and cross; measurement methods of price elasticity of demand. Production function: meaning and concepts, law of variable proportions; economies and diseconomies of scale; law of returns to scale;

January

Cost concepts; Theory of costs: traditional and modern. Equilibrium of firm and industry under perfect competition; price and output determination under monopoly, price discrimination;

February

Price determination under monopolistic competition: Chamberlin's approach, monopolistic competition vs monopoly.

Hari Ram Kaushik

Assistant Professor of Economics

Lesson Plan: PUBLIC ECONOMICS –I

November: Unit - I

Economic Rationale of Mixed Economy; The Efficient Markets; Natural Monopolies and Market Failure; Non-Existence of Futures Markets and Market Failure; Asymmetric Information and market Failure; The Problem of Externalities and their Internalisation; The Coase Theorem; Rent Seeking Costs and Political process.

December : Unit - II

Concept, Characteristics, Types and Efficient Provision of Public Goods; Private provision of Pure Public Goods; Bowen Model, Samuelson Model; Wagner Hypothesis, Thompson Mechanism, Clarke Mechanism, Lindahl- Wicksell Mechanism; Theory of Club Goods.

January: Unit - III

Efficiency and Equity Principles of Taxation; Incentive Effects of Taxation on Labour Supply; Supply of Savings and Risk Taking; Taxation and Investment; Other Distorting Effects of the Tax System; Tax Incidence – Partial and General equilibrium Analysis; Mieszkowski Analysis of Tax Incidence; Keynesian Short Run Model of Tax Incidence; Dynamic Tax Incidence.

February: Unit - IV

Normative Analysis of Taxation – Income v/s Excise Tax; Optimal Commodity Tax- The Ramsey Rule, The Corlett and Hague Rule; Optimal Income Tax; Excess Burden of Tax and its Measurement; Normative Principles for Redistribution; Corporation tax and its Effects on Corporate Decisions; Tax Evasion and the Black Economy

Hari Ram Kaushik

Assistant Professor of Economics

Lesson Plan
Class: B.A/B.Sc. 4th Semester

Paper: Special Functions and Integral Transforms/ N.A

Month	Syllabus to be Covered
April	Laplace Transforms – Existence theorem for Laplace transforms, Linearity of the Laplace transforms, Shifting theorems, Laplace transforms of derivatives and integrals, Differentiation and integration of Laplace transforms, Convolution theorem, Inverse Laplace transforms, convolution theorem, Inverse Laplace transforms of derivatives and integrals, solution of ordinary differential equations using Laplace transform.
May	Fourier transforms: Linearity property, Shifting, Modulation, Convolution Theorem, and Fourier Transform of Derivatives, Relations between Fourier transform and Laplace transform, Parseval's identity for Fourier transforms, solution of differential Equations using Fourier Transforms. Simultaneous linear algebraic equations: Gauss-elimination method, Gauss-Jordan method, Triangularization method (LU decomposition method). Crout's method, Cholesky Decomposition method. Iterative method, Jacobi's method, Gauss-Seidal's method,
June, July	Series solution of differential equations – Power series method, Definitions of Beta and Gamma functions. Bessel equation and its solution: Bessel functions and their propertiesConvergence, recurrence, Relations and generating functions, Orthogonality of Bessel functions. Legendre and Hermite differentials equations and their solutions: Legendre and Hermite functions and their properties-Recurrence Relations and generating functions. Orhogonality of Legendre and Hermite polynomials. Rodrigues' Formula for Legendre &Hermite Polynomials, Laplace Integral Representation of Legendre polynomial.

Lesson Plan

Class: B.A/B.Sc. 6th Semester

Paper: LINEAR ALGEBRA/Dynamics

Month	Syllabus to be Covered
April	Vector spaces, subspaces, Sum and Direct sum of subspaces, Linear span, Linearly Independent and dependent subsets of a vector space. Finitely generated vector space, Existence theorem for basis of a finitely generated vector space, Finite dimensional vector spaces, Invariance of the number of elements of bases sets, Dimensions, Quotient space and its dimension. Velocity and acceleration along radial, transverse, tangential and normal directions.
May	Homomorphism and isomorphism of vector spaces, Linear transformations and linear forms on vector spaces, Vector space of all the linear transformations Dual Spaces, Bidual spaces, annihilator of subspaces of finite dimensional vector spaces, Null Space, Range space of a linear transformation, Rank and Nullity Theorem, Algebra of Liner Transformation, Minimal Polynomial of a linear transformation, Singular and non-singular linear transformations . Matrix of a linear Transformation, Change of basis, Eigen values and Eigen vectors of linear transformations. Relative velocity and acceleration. Simple harmonic motion. Elastic strings
June	Inner product spaces, Cauchy-Schwarz inequality, Orthogonal vectors, Orthogonal complements, Orthogonal sets and Basis, Bessel's inequality for finite dimensional vector spaces, Gram-Schmidt, Orthogonalization process, Adjoint of a linear transformation and its properties, Unitary linear transformations Mass, Momentum and Force. Newton's laws of motion. Work, Power and Energy. Definitions of Conservative forces and Impulsive forces

Lesson Plan
Class: B.CA 4th Semester
Paper: Computer Oriented Statistical Methods

Month	Syllabus to be Covered
April	Basic Statistics: Preparing Frequency Distribution Table and Cumulative frequency, Measure of Central Tendency, Types: Arithmetic mean, Geometric Mean, Harmonic Mean, Median, Mode. Measure of Dispersion: Range, Quartile Deviation, mean deviation, Coefficient of mean Deviation, Standard Deviation Moments : Moments About mean, Moments about any point, Moment about origin, Moment about mean in terms of moment about any point, Moment about any point in terms of Moment about mean.
May	Probability Distribution: Random Variable- Discrete Random and Continuous Random variable, Probability Distribution of a RandomVariable,MathematicalExpectation Types: Binomial, Poisson, Normal Distribution, Mean and Variance of Binomial, Poisson, and Normal Distribution. Correlation: Introduction, Types, Properties, Methods of Correlation: Karl Pearson's Coefficient of Correlation, Rank Correlation and Concurrent Deviation method, Probable error. Regression: Introduction, Aim of Regression Analysis, Types ofRegression Analysis, Lines of Regression, Properties of Regression Coefficient and Regression Lines, Comparison with Correlation.
June,July	Curve Fitting: Straight Line, Parabolic curve, Geometric Curveand Exponentia CurveBaye's Theorem in Decision Making, Forecasting Techniques Sample introduction, Sampling: Meaning, methods of Sampling, Statistical Inference: Test of Hypothesis,Typesofhypothesis, Procedure of hypothesis Testing, Type I and Type II error, One Tailed and two tailed Test, Types of test of Significance: Test of significance for Attribute-Test of No. of success and testofproportionofsuccess, Test of significance for large samples - Test of significance for single mean and Difference of mean, Test of significance for small samples(t-test) – test the significance between the

	meanofarandomsample, between the mean of two independent samples

Subject/class Month/week	B com 6th sem A Mgt. Acc.	B com 6th sem A and B HRM	M Com 4th sem A and B CG	M Com 2nd sem A and B HRM
April 1	Management accounting: concept, scope, techniques and significance, comparison between financial accounting, cost accounting and management accounting.	HRM - intro and concept	Corporate governance: Concept, structure and process; Corporate governance: An Evolutionary Process	Human Resource Management (HRM): Concept, evolution, scope, importance, objectives and functions
2	Management reporting: need and type of reports.Management information system.	HRP	Improving the efficiency of corporate governance; Corporate governance in India: Issues for consideration.	HRM in dynamic environment;
3	Budgeting and budgetary control: need, methods and types of budgets, essentials of budgetary control system.	Contd. Job Analysis	Corporate governance; Globalisation and its position in India.	Building up skills for effective HR manager;
4	Contd.	Contd. Recruitment and selection	Financial disclosure, Business Ethics and corporate governance: Corporate disclosure Practises; Transparency and Business Ethics in	Global HRM

			Corporate Sector	
May 1	Absorption V/S variable costing: features and income determination, cost volume profit analysis, breakeven analysis	Contd.	Contd BOD, Good governance	HRP
2	Contd.	Induction and placement	Audit Committee	Job analysis Recruitment and selection
3	Contd., Analysis of financial statements: comparative statements, common size statements	Contd. Training and development	Contd Depository system a step towards effective CG Corporatisation of agriculture	Job stress mgt. Induction and placement Empowerment and QWL
4	Ratio Analysis	Contd	Contd CG in banks, FIs,contemporary issues	Promotion and transfer HRIS
June 1	Contd. cash flow and fund flow statements	Performance and potential appraisal	CG in IPEs	Training and development Employee trading and executive development Career planning and dev.
2	Contd.	Contd	CG in MFs	Job satisfaction

				Performance and potential appraisal
3	-	-	Other related topics and study materials	Contd Compensation,incentives and benefits
4	-	-	Contd.	Contd.

LESSON PLAN

Name of Faculty : Deepak Kumar

Discipline : Computer Science

Semester : BCA

Subject : MIS

Lesson plan duration : 15 Weeks

Work Load (Lecture/Practical) Per Week (in hours):

Unit No.	Topics	Teaching type	Level	Method	No of hours
Unit I	Introduction to information system – The management, structure and	Understanding	L2	Lecture	2
	Information needs and sources	Understanding	L2	Lecture	2
	Types of management decisions and information need	Understanding	L2	Lecture	3
	System classification	Understanding	L2	Lecture	2
	Elements of system, input, output, process and feedback	Understanding	L2	Lecture	3
Unit II	Transaction processing system	Understanding	L2	Lecture	3
	Information system for managers	Understanding	L2	Lecture	3
	Decision support system	Understanding	L2	Lecture	3
	Executive information systems	Understanding	L2	Lecture	3
Unit III	Functional Management Information System	Understanding	L2	Lecture	2
	Production Information system	Understanding	L2	Lecture	2
	Marketing Information Systems	Understanding	L2	Lecture	2
	Accounting Information system	Understanding	L2	Lecture	2
	Financial Information system	Understanding	L2	Lecture	2
	Human resource Information system.	Understanding	L2	Lecture	2

Unit IV	SDLC , System Analysis and Design	Understanding	L2	Lecture	**3**
	The work of a system analyst	Understanding	L2	Lecture	**1**
	System design **–**Requirement analysis- Data flow diagram, relationship diagram, design	Understanding	L2	Lecture	**2**
	Implementation-Evaluation and maintenance of MIS	Understanding	L2	Lecture	**2**
	Database System: Overview of Database	Understanding	L2	Lecture	**1**
	Components of Database	Understanding	L2	Lecture	**2**
	Advantages and disadvantages of database	Understanding	L2	Lecture	**1**
Unit V	Enterprise Resource Planning (ERP) System, Benefits of the ERP	Understanding	L2	Lecture	**2**
	ERP how different from conventional packages , Need for ERP , ERP components	Understanding	L2	Lecture	**2**
	Selection of ERP Package, ERP implementation	Understanding	L2	Lecture	**2**
	Customer Relationship management, Organisation & Types	Understanding	L2	Lecture	**2**
	Decision Making, Data & information, Characteristics & Classification of information	Understanding	L2	Lecture	**2**
	Cost & value of information, various channels of information and MIS	Understanding	L2	Lecture	**2**

Note:

Teaching Type	**Level**	**Method**
Memory level	L1	Drill, Review and Revision and Asking the question
Understanding level	L2	Lecture method, lecture demonstration method, discussion method, inductive and deductive, exemplification and explanation methods
Reflection level	L3	Problem solving method, investigating projects, Heuristic method, Experimental method, Inquiry oriented method, analytic method

Semester Wise Lesson Plan/Syllabus to be covered

Class BCA-I Semester 2nd Semester

Teaching (90) Days	Syllabus to be covered
1-10	combinational circuits Revision Comparison with sequential circuits logic, latches
11-20	flip-flops: clocked; Preset; Clear RSFF, DFF, JKFF, Master slave JKFF, TFF
21-30	Registers: SISO, SIPO, PISO, PIPO Shift Registers
31-40	Counters: Synchronous, Asynchronous Synch Binary, Modulo-N counters
41-50	Up and Down Counter, Revision Assignment-1, test
51-60	Memory Parameters, types of Storage Devices. flash Memory, I/o Devices & their Controllers.
61-70	Machine Instructions, Instruction cycle, Instruction format, Addressing Modes
71-80	I/o Interface, Interrupts, Program controlled, Interrupt controlled, DMA transfer, I/O Channels, IOP
81 onwards	Assignment-2 test Doubt clearance, Practice of old Ques. Paper

Subject Name :- LOC-II

It is certified that I have completed the syllabus per the schedule.

Balwinder Kaur

Signature

Semester Wise Lesson Plan/Syllabus to be covered

Class BCA-III Semester 6th Semester

Teaching Days (90)

Syllabus to be covered

1-10 → Interactive, Passive Graphics, Applications, I/O Devices, CRT (Random, Raster Scan) Refresh Rate, Interlacing, Bit Plane, Color Depth, Palette, Color CRT, DVST,

11-20 → Flat Panels, Plasma Panels, LED, LCD, look up table, Display Processor, Graphics S/w, Co-ordinates.

21-30 → Point Plotting:- Scan conversion, Straight lines, DDA, Bresenham's Algo, Circle scan conversion using Polar co-ordinates

31-40 → Bresenham's circle drawing Algo, Ellipse - Polynomial, trigonometric scan conversion. Polygon Area filling, scan-line fill & flood fill Algo

Assignment-1, test

41-50 → 2-D Graphics transformation - Translation, Rotation, Scaling, Matrix Representation, Homogeneous co-ordinates, Reflection, Shearing, composite transformation, Inverse transformation, Affine transformation, Raster transformation. Pointing & Positioning Devices & techniques

51-60 → 2-D viewing - window & viewport, transformation clipping: Point, line, Cohen-Sutherland, Mid pt. sub Division, Polygon, Sutherland-Hodgman Polygon.

61-70 → 3-D Graphics - Display methods, 3-D

71-80 → transformations, translation, Rotation, Scaling, composite transformation

Assignment-2, test

80 onwards → Practice of Old Question Papers

Subject Name: Computer Graphics

It is certified that I have completed the syllabus per the schedule.

Balvinder Kaur

Signature

Class M.A. English 2nd Semester
Session (2021-2022) (5)

Name of Teacher : Ms Anju Malik

Name of Paper : Paper - 7 (seven) (Literature in English 1660-1798) Part II

Lesson Plan

April : Daniel Defoe : Robinson Crusoe

May : Henry Fielding : Joseph Andrews
Assignment - I
Joseph Addison : The Aim of The Spectator, Female Orators, Sir Roger at the Assizes

June : Milton - I, Milton II
Richard Steele : The Spectator's Club, Duelling, Assignment - II

July : Test, Paper Presentation on assignments and revision of the syllabus

Anju

Class : P. G. Diploma in Translation

Session : 2021-2022 (6)

Name of Teacher : Ms Anju Malik

Name of Paper : Paper - I
Aspects of Translation

Lesson Plan : W.e.f. 9/11/2021

November : Unit I - Translation : Meaning, Nature and Scope, Art, Science or Craft. History of Translation 16th Century to 21th cent. - Western and Indian, Principles of Translation.

December : Unit I - Globalization and Translation, Translation & Culture : A semiotic perspective, Linguistic & Translation

January : Unit II - Process of Translation - Source Language Text, Target Language Text, Analysis, Transfer, Restructuration Function of Translation. Vinay & Darbelnet's Methods of Translation.

February :- Models of the Process of Translation Nida, Newmark, Bathgate,

P.T.O

Hallidayan Model of Language and Discourse

March: Unit - III Process of Translation on the basis of Medium, Process and Text, Theories of Translation - Catford's Linguistics Theory, Reiss's Text Type Thory, Mary Snell Hornby's Integrated Approach.

April: Unit III (Unit Three) Hens J. Vermeer's Skopos Theory, Nord's Text Analysis

May: Unit IV Issues of Translation - Notion of Untranslatability, Lose and Gain, Equivalence, Evaluation of Translation Quality - Mentalistic view, Behaviouristic view.

June: Problems of Translation - Literary and Non Literary. Future of Translation as an Activity and as a Discipline.

July: Test and Paper Presentation on the assignments. Revision of the Syllabus

Ayu

B.A. 6th Sem Lesson Plan (Practical & Theory)

- April: Rag Miyanki Malhar, Rag Bihag, Contributions, Voice culture. Test.
- May: Rag Deshkar, Rag Bahar, Haryana and Pungab folk music, Classification of Instruments.
- June: Teental, Jhaptal, Kaharwa Tal. History of Indian music 17th to 19th. Test and Revision.

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B A 2nd Sem Lesson Plan (Practical)

Session 2021-22

- April : * Rag Hamir
- May : * Rag Vrindavani Sarang
- June : * Rag Kafi
- July : * one Geet or Bhajan
  * Talas
  * Revision

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Department of Music Vocal.

Time Table Session 2021-2022

Name	1st	2nd	3rd	4th	5th	6th	7th
Ms. Pardeep Kaur.	-	B A 1st 1-4 (Audi) Practical 5-6 BA 3rd Theory			BA 3rd 1-6 Practical (Audi)		
Ms. Tarana	BA 2nd 1-6 Practical. R. No 115	5-6 BA 1st Practical R. No 115	BA 2nd (1-2) Thiory R. No. 115	B.A 1st (3-4) Theory R. No 115			

Note: 1-4 Theory period of B A 1st and B A 2nd adjusted by Madam Tarana.

Pkaur

(PARDEEP KAUR)
Asso. Prof. of music (V)

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Lesson Plan

BA III 6th Sem English (2021-22)

April : Drama & its forms
The Merchant of Venice : Introduction to Dramatist and the play, Summary

May : Class Test : Major characters of the Play.
Act I, II, III, Precis Writing.

June : Act IV & Act V, One word substitution.
Comprehension. Summarising, Short Answer & long answer type questions.

July (till 20th July) : Revision, Class Test.

(Rakesh Pathak)

Lesson Plan

BCA I (English) Semester II 2021-22

April : Personality : Definition, Determinants of Personality Recent Theories. Deranged Personality. Group discussion

May : Personal Grooming. Body Language Art of Good Conversation, Art of Listening Interpersonal skills. Role Playing. Resume

June : Interview Preparation. Job Application Seminar skills

July (till 20th July) : Recapitulation. Class Test. Revision

Lesson Plan

PG Diploma in Translation 2021-22 Even Sem.

April : Syntactic structures and Translation : Structure of sentences, sentence construction, clauses, Phrases.

May : Morphological structure of word classes, and translation. Tense, Aspect, Case, Prepositions, Nouns, Pronouns, Adjectives, verbs, Adverbs, Particles, Articles, Voice

June : Semantics and Translation, Theories of Meaning, Semantic components, Lexical Relations, Idioms

July (till 20th July) : Lexicography and Tools for Translation. Vocabulary & Translation, Letters, Notifications, Translation of Tepte, GT, Scien-

(Rakesh Pathak)

LESSON PLAN

Name of Faculty : Saroj Rani

Discipline : Computer Science

Semester : BCA 1st year Theory

Subject : OAT

Lesson plan duration : 15 Weeks

Work Load (Lecture/Practical) Per Week (in hours):

Unit No.	Topics	Teaching type	Level	Method	No of hours
Unit I	Desktop Publishing: Concept, need and application; Hardware and software requirements for DTP	Understanding	L2	Lecture	**2**
	An overview and comparison between DTP packages, Common feature of DTP Introduction to Page Maker: Features,	Understanding	L2	Lecture	**2**
	Types of management decisions and information need	Understanding	L2	Lecture	**3**
	System Requirements, Components of PageMaker Window,	Understanding	L2	Lecture	**2**
	Introduction to Menu and Toolbars, PageMaker Preferences.	Understanding	L2	Lecture	**3**
Unit II	Creating of Publications: Starting PageMaker; Setting Page Size, Placing the text Formatting the text: Character Specification Paragraph	Understanding	L2	Lecture	**3**
	Setting: Paragraph Specification, Paragraph Rules, Spacing Indents/Tabs. Define Styles	Understanding	L2	Lecture	**3**
	checking, selecting Text, Cut, Copy, Paste,	Understanding	L2	Lecture	**3**
	Multiple, Working with columns.	Understanding	L2	Lecture	**3**
Unit III	Word Processing: Introduction to Office Automation, Creating & Editing Document	Understanding	L2	Lecture	**2**
	Word Processing: Introduction to Office Automation, Creating & Editing Document	Understanding	L2	Lecture	**2**

	Formatting Document, Auto-text, Autocorrect, Spelling and Grammer Tool, Document	Understanding	L2	Lecture	**2**
	Advance Features of Word-Mail merge, Macros,	Understanding	L2	Lecture	**2**
	Tables, File Mariagement, Printing, Styles,	Understanding	L2	Lecture	**2**
	linking and embedding object.	Understanding	L2	Lecture	**2**

Unit IV	Inserting Animated Pictures or Accessing through Object, Inserting REcorded Sound	Understanding	L2	Lecture	**3**
	The work of a system analyst	Understanding	L2	Lecture	**1**
	System design **–**Requirement analysis- Data flow diagram, relationship diagram, design	Understanding	L2	Lecture	**2**
	Presentation using PowerPoint: Presentations, Creating, Manipulating & Enhancing Slides	Understanding	L2	Lecture	**2**
	Database System: Overview of Database	Understanding	L2	Lecture	**1**
	Animations	Understanding	L2	Lecture	**2**
	Inserting REcorded Sound Effect or In-Built Sound Effect.	Understanding	L2	Lecture	**1**

Note:

Teaching Type	**Level**	**Method**
Memory level	L1	Drill, Review and Revision and Asking the question
Understanding level	L2	Lecture method, lecture demonstration method, discussion method, inductive and deductive, exemplification and explanation methods
Reflection level	L3	Problem solving method, investigating projects, Heuristic method, Experimental method, Inquiry oriented method, analytic method

Subject:- Advertising

Semester Wise Lesson Plan/Syllabus to be covered

Class B.Com II Semester Even Sem (4th)

Advertising (BC-406)

Months	Weeks	Topics to be Covered
April	I	Advertising Meaning scope & functions
	II	Promotion Mix and Advertising
	III	Advertising Process
	IV	Types of Adverting
May	I	Advertising Budget, Setting Advt. objectives / communication Process
	II	Creative aspects of Advertising: Appeals, Copy writing, Headlines & message
	III	Advertising Media: Types, merits and demerits
	IV	Legal ethical and social aspects of advertising.
June	I	Advertising Agency: concept & Role
	II	Advertising Agency: Relationship with clients, advertising department
	III	Advertising Effectiveness: concept & Benefits
	IV	Measuring Advertising effectiveness.

It is certified that I have completed the syllabus per the schedule.

Signature

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Subject :- Service Marketing

Semester Wise Lesson Plan/Syllabus to be covered

Class B.M. Com II Semester 6th Sem

Service Marketing

Months	Weeks	Topics to be covered
April	I	Service Marketing : Concept & classification, buying process for services
	II	Consumer Expectations of services, customer perception of services
	III	Marketing mix in services, service quality : Concept & Models
	IV	Relationship Marketing : Meaning & goals, service Mkt. segmentation
May	I	Targeting : customer Retention strategies.
	II	Service development : steps, Service blue Print, Approaches to service delivery
	III	Customer feedback & service Recovery, Physical Environment of services.
	IV	Pricing of services : characteristics, strategies for effective service Delivery.
June	I	Managing Service Employees : Importance & Role of contact personnel.
	II	Managing service delivery employees
	III	Customer Managing :- Meaning & Strategies
	IV	Strategies for enhancing customer participation, customer protection & Ethics in Services

It is certified that I have completed the syllabus per the schedule.

Signature

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Management Accounting (601)

Semester Wise Lesson Plan/Syllabus to be covered

Class B.Com III Year Semester 6th Sem

Months	Weeks	Topics to be Covered
April	I	Mgt. Accounting: concept, scope, techniques and significance, Need & types of reports
	II	Management information system. Comparative Statement.
	III	Difference between financial A/c, cost accounting and Mgt. Accounting.
	IV	Analysis of financial statement:- Need and methods of preparing statements.
May	I	Cash flow statement – Need and methods of preparing statement
	II	Funds flow statement: Need and methods of preparing statement.
	III	Budgeting and Budetary control:-
	IV	Need, methods and types of budgets, essentials of budgetary control system.
June	I	Apsorption v/s Variable costing: Features and income determination, Cost volume profit analysis
	II	Break-even analysis, contribution: P/V Ratio, Break even point, Margin of Safety, Angle of Incidence, determination of Cost Indifference point.

It is certified that I have completed the syllabus per the schedule.

Signature

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LESSON PLAN
session 2021-2022

Name: Mrs. Anshu Kapil
Department Of Computer Sc. & Applications
Class and Section: BCA-I SEC-A
Subject: Structured System Analysis & Designing
Lesson Plan: 1 APRIL-JULY 2022

Date/Day	Topics
Week 1	
01 April 2022– 7 April 2022	System Concept: Definition, Characteristics, Elements of system physical & Absract system
Week 2	
08-April2022-15 April 2022	open and closed system, man-made information systems.
Week 3 16-April2022-22-April 2022	System Development Life Cycle:
Week 4 23-April-2022-30 April 2022	Various phases of system development, Considerations for system planning and control for system success. Role of system analyst.
Week 5 1-May-2022-7 May 2022	System Planning: Bases for planning in system analysis: Dimensions of Planning
Week 6 8-May2022-14 May 2022	Initial Investigation: Determining user's requirements and analysis, fact finding process and techniques. Tools of structured Analysis: Data Flow diagram, data dictionary, IPO and HIPO charts
Week 7 15-May2022-21 May 2022	Gantt charts, pseudo codes, Flow charts, decision tree, decision table
Week 8 22-May2022-31 May 2022	Feasibility study: Technical, Operational & Economic Feasibilities. along with one assignment & one class test
Week 9	
1-June-2022-7-June2022	Cost/Benefit Analysis: Data analysis cost and benefit analysis of a system.

Week 10	
1-June-2022-7-June2022 Income determination in closed economy	Input/ Output and Form Design, File Organization and database design: Introduction to files and database, File structures and organization, objectives of database design, logical and physical view of data.
Week 11	
8-June-2022-14-June2022	System testing: Introduction, objectives of testing, test planning, testing technique
Week 12	
15-June-2022-21-June2022	Quality assurance: Goal of quality assurance, levels of quality assurance framework & strtergies used
Week 13	
16-June-2022-23-June2022	Quality assurance: Goal of quality assurance, levels of quality assurance in detail
Week 14	
24-June-2022-30-June2022	System implementation and software maintenance along with one assignment &one class test primary activities in maintenance revision representation by students
Week 15	
1-July-2022-7-July-2022	primary activities in maintenance revision representation by students
Week 16	
8-July-2022-14-July-2022	revision representation by students
Week 17	
15-July-2022-19-July-2022	revision representation by students

LESSON PLAN

session 2021-2022

Name: Mrs. Anshu Kapil

Department Of Computer Sc.&Applications

Class :BCA-III

Subject: Web Designing Using Advanced Tools

Lesson Plan: 1-April 2022-July 2022

Week 1	
01 April 2022– 7 April 2022	Interactivity Tool - Active Script Pages – Introduction, Features, Client-Server Model, Data Types, Decision Making Statements, Control statements,
Week 2	
08-April2022-15 April 2022	Use of Various Objects of ASP, Various Techniques of Connecting to Database
Week 3 16-April2022-22-April 2022	Other Interactivity Tools - Macromedia Flash, Macromedia Dreamweaver, PHP: Basic Introductio
Week 4 23-April-2022-30 April 2022	Other Interactivity Tools - Macromedia Flash, Macromedia Dreamweaver, PHP: Basic Introduction
Week 5 1-May-2022-7 May 2022	DHTML: Introduction, Features, Events, Dynamic Positioning, Layer Object, Properties of STYLE, Dynamic Styles, Inline Styles, Event Handlers; Cascading Style Sheets (CSS): Basic Concepts,
Week 6 8-May2022-14 May 2022	Properties, Creating Style Sheets; Common Tasks with CSS: Text, Fonts, Margins, Links, Tables, Colors; Marquee; Mouseovers; Filters and Transitions; Adding Links; Adding Tables; Adding Forms
Week 7 15-May2022-21 May 2022	Adding Image and Sound; Use of CSS in HTML Documents Linking and Embedding of CSS in HTML Document
Week 8 22-May2022-31 May 2022	Microsoft FrontPage: Introduction, Features, Title Bar, Menu bar, FrontPage Tool Bar, Style, FontFace and Formatting Bar, Scroll Bars
Week 9	
1-June-2022-7-June2022	XML: Introduction, Features, XML Support and Usage, Structure of XML Documents, Structures in XML, Creating Document Type Declarations, Flow Objects, Working with Text and Font, Color
Week 10	
1-June-2022-7-June2022 | Income determination in closed economy	Revision for the same in practical XML: Introduction, Features, XML Support and Usage, Structure of XML Documents, Structures in XML, Creating Document Type Declarations, Flow Objects, Working with Text and Font, Color
Week 11	
8-June-2022-14-June2022	Interactivity Tool - JavaScript: Introduction, Features, Data types, Operators, Statements, Functions
Week 12	

15-June-2022-21-June2022	Event Handling, Use of Predefined Object and Methods, Frames, Windows, Tables, Images, Links Interactivity Tool - VBScript: Introduction, Features, Variables, Data Types, Numeric and Literal Constants, Arrays, Operators, Subroutine Procedures, Function Procedures, Control Statement
Week 13	
16-June-2022-23-June2022	Practical :Event Handling, Use of Predefined Object and Methods, Frames, Windows, Tables, Images, Links Interactivity Tool - VBScript: Introduction, Features, Variables, Data Types, Numeric and Literal Constants, Arrays, Operators, Subroutine Procedures, Function Procedures, Control Statement
Week 14	
24-June-2022-30-June2022	Strings, Message and Input Boxes, Date and Time, Event Handlers, Embedding VBScript in HTML
Week 15	
1-July-2022-7-July-2022	Revison &Representations
Week 16	
8-July-2022-14-July-2022	Strings, Message and Input Boxes, Date and Time, Event Handlers, Embedding VBScript in HTML
Week 17	
15-July-2022-19-July-2022	Revison &Representations

Lesson Plan 2021-22

Name: DR. KULDEEP SINGH

Subject:SOCIOLOGY

Lesson Plan: 01 April2022– 19 July 2022

Date	B.A.2nd Sem (Sec-A & B) (SO-22) (Basic Concepts in Sociology)(First and Seventh Period)	B.A. 4th Sem (SO-24) (Social Problem in India) (Second Period)	B.A. 6th Sem(SO-26)(Rural Society: Structure and Change)(Fourth Period)
01.04.22	Meaning and Definitions of Tribal Society, Characteristics of Tribal Society, Nature of Tribal Society, Usages of Tribal Society and Their Importance, Distribution of Tribal Population in India. Classification of Tribal Society, Mainstream Attitudes towards Tribal Society- Isolation Vs Integration, National Development Vs Tribal Development, Tribal Identity Today.	Meaning and definitions of Social Problem, Nature of Social Problems, Social Problems in India, Causes of Social Problem, Different forms of Social Problems and Importance of Social Problems. Concept of Anomie, Definitions of Anomie, Views of different thinkers on Anomie and Criticism of Anomie Concept.	Meaning and Definitions of Rural Sociology, Origin and Development of Rural Sociology, Subject Matter and Scope of Rural Sociology, Characteristics of Rural Sociology, Emergence and Development of Rural Sociology in India and Importance of Study of Rural Sociology in India.
10.04.22 SUNDAY			
11.04.22			
12.04.22			
13.04.22			
14.04.22 HOLIDAY			
15.04.22			
16.04.22			
17.04.22 SUNDAY			
18.04.22			
19.04.22	Concept of Rural Society, Meaning and Definitions of word 'Rural',Meaning and Definitions of Rural Society, Characteristics of Rural Society, Structure of Rural Society, Basic Characteristics of Structure of Rural Society, Economic Structure of Rural Society and Types of Villages, Concept of Rural-Urban Continum, Distinction between Rural and Urban Community.	Differential Association Theory of Sutherland, Crime in result of Association and learning and Sub Concept of Differential Association. Concept of Labeling Theory, Labeling theory- Emergence and Development, Criticism of Labeling Theory, Caste based social inequality and meaning and definitions of caste and Characteristics of Caste System	Meaning and Definitions of Caste, Characteristics of Caste System, Functions and Dysfunctions of Caste System, Problems arising out of the Caste System, Contemporary Changes taking place in Caste System.
20.04.22			
21.04.22			
22.04.22			
23.04.22			
24.04.22 SUNDAY			

25.04.22 **26.04.22**			
27.04.22 **28.04.22** **29.04.22** **30.04.22** **01.05.22 SUNDAY** **02.05.22** **03.05.22 HOLIDAY** **04.05.22** **05.05.22**	Meaning and Definitions of Urban Society, Nature or Characteristics of Urban Society,Concept of Urbanization, Meaning and Definition of Urbanization,Situation leading to Emergence of Urbanization, Types of Cities-Town, City, Metropolis, The Central City and Emerging Modern Trends of Cities	Untouchability- Very bad form of Social Inequality, Different disabilities of Schedule Caste Castism- a instrument to maintain caste inequalities, Causes of the Development of Casteism in India, Caste and Politics in India and Changing forms of caste system in India.Class based Social Inequality, Meaning, definitions and characteristics of class, Bases of class construction and structure of social class in India, Different between Caste and Class, Gender based social inequality, meaning of gender inequality, Types of gender inequality, gender inequality in India and Women Empowerment.	Meaning and Definitions of Social Class, Characteristics of Social Class, Class Structure in Rural India, Inter Caste Relations, Jajmani System-Meaning and Definitions, Characteristics of Jajmani System, Merits of Jajmani System, Demerits of Jajmani System, and Causes of Disorganizations of Jajmani System.
06.05.22 **07.05.22** **08.05.22 SUNDAY** **09.05.22** **10.05.22** **11.05.22** **12.05.22** **13.05.22**	Means or Agencies of Socialization, Theory of Socialization, Meaning and Definitions of Social Control, Characteristics of Social Control, Needs or Objectives of Social Control,Importance of Social Control, Various Means of Social Control, Distinction Between Formal Control and Informal Control.	Minorities in India-Muslim Minorities, Christian Minorities, Sikh Minorities, Schedule Tribes Minorities, language based minorities, Problems of Minorities Community and Sociological insight regarding Minorities, Welfare of Minorities, and Governmental efforts for the removal of the problems of minorities.	Meaning and Definitions of rural family (joint family), Essential elements and Characteristics of Rural Family (Joint Family), Types of Rural Family/Joint Family and Structure of Joint Family, Functions and Dysfunctions of Joint Family, Changing Pattern of Rural Family and Factors for bringing change in Rural Family.
14.05.22 **15.05.22 SUNDAY** **16.05.22** **17.05.22** **18.05.22**	Meaning and Definitions of Industrialization, Features of Industrialization, Industrialization in India, Necessity of Industrialization, Social and Other Impacts of Industrialization	Meaning of ethnicity, ethnic group and Indian Constitution, Ethnic Struggle and resolution of ethnic struggle related problems, Meaning and nature of communalism, History of communalism in India- Hindu-Muslims communalism, Hindu and Christian communalism, Causes of communalism in India and bad effects of communalism and suggestions for the removal of communalism.	Land Tenure or Meaning of Land Tenure, Land Tenure System and its types at the Time of Independence, Changing Pattern of Land Tenure and Land Reforms, Concept of Land Reforms Objectives of Land Reforms, Reorganization of Agriculture and Changing Pattern of Land Reforms in India.

19.05.22			
20.05.22			
21.05.22			
22.05.22 SUNDAY	Meaning and Definitions of secularization, Features of Industrialization, Factor of Secularization and Impacts of Secularization on Indian Society.	What is female foeticide and increasing nature of female foeticide, Causes behind female foeticide and different steps taken by government for the removal of female foeticide. Meaning, definitions and forms of Dowry System, Causes behind dowry system, its demerits and suggestions for its remova, Meaning and forms of Domestic Violence, Remedies for Domestic Violence.	What is Green Revolution and Elements Enabling Green Revolution, Socio-Economic Consequences or Impact of Green Revolution and Green Revolution: Emergence of New Power Structure in Rural India?
23.05.22			
24.05.22 One Class Test			
25.05.22			
26.05.22			
27.05.22			
28.05.22			
29.05.22 SUNDAY			
30.05.22	Meaning, Definitions of Modernity, Meaning, Definitions and Features of Modernization, Process of Modernization in India,Factors of Modernization in India, Modernization and Social Change in India and Obstacles of Modernization in India.	Who are Aged Person and Main Problems of Aged Persons, Evaluation of Government Efforts for Aged Person Welfare and Suggestion for Aged person Welfare? Meaning, Definitions and Condition of Divorce, Causes of Divorce, its Results and Divorce in Different Religion.	Bonded Labour System and Who is Bonded Labour? Origin and Development of bonded labour, History of Bonded Labour, Features and Causes of Bonded Labour System and Legislative Measures for Abolition of Bonded Labour System.
31.05.22			
01.06.22 Assignment-I			
02.06.22 HOLIDAY			
03.06.22			
04.06.22			
05.06.22 SUNDAY			
06.06.22			
07.06.22			
08.06.22	Meaning, Definitions and Characteristics of GlobalizationImpacts of Globalization on India's Economic, Social-Cultural System,	Different definition of crime and its types, Crime in India and causes of crime in India, Crime control in India and suggestion to control crime. Meaning,	Meaning of Migration Habit, Types of Migration,Emigration Vs Labour Migration,Causes of
09.06.22			

10.06.22 **11.06.22** **12.06.22 SUNDAY** **13.06.22** **14.06.22 HOLIDAY** **15.06.22** **16.06.22**	Challenges of Globalization and Liberalization in India and Debate on Globalization. Meaning, Definitions and Characteristics of Social Stratification, Functions and Dysfunction of Social Stratification and Factors of Social Stratification.	definitions of Juvenile Delinquency and difference between crime and Juvenile Delinquency, Causes of Juvenile Delinquency and Juvenile Delinquency in India, Control over Juvenile Delinquency in India and suggestion to Control Juvenile Delinquency in India.	Migration, Govt. Efforts to Eradicate Migration and Suggestions to Eradicate Migration.
17.06.22 **18.06.22** **19.06.22 SUNDAY** **20.06.22** **21.06.22** **22.06.22 Sociology SUBJECT ACTIVITIES** **23.06.22** **24.06.22**	Concept of Caste, Meaning, Definitions and Features of Caste System, Untouchability- a Gruesome form of Social Inequality, Disabilities of Schedule Caste, Casteism: Mechanism of Maintaining Caste Inequality, Causes responsible for Casteism in India and Caste and Politics in India.	Meaning and definitions of corruption, Indian society and corruption Scope of corruption in India and causes of corruption in India, Bad effects of corruption and suggestion for the removal of corruption, Drug addiction-meaning, definitions and types of drug addiction, Process of Drug Addiction, causes of Drug Addiction and bad effects of drug addiction, Drug addiction in India, present form of Drug Addiction and Suggestion to Control Drugs Addiction	Trends of Change in Rural Society, Change in Economy Life, Change in Social Life, Changes in Religious and Cultural Life,Changes in Political Life, Economic Progress and Prosperity of Indian Villages- At a Glance.
25.06.22 **26.06.22 SUNDAY** **27.06.22** **28.06.22 Assignment-II** **29.06.22** **30.06.22**	Meaning, Definitions and Characteristics of Social Class, Bases of Class Formation and Structure, Stratification of Social Class in India, Distinction between Caste System and Class System.	Meaning, definition of Suicide and Durkheime and concept of Suicide, Causes of suicide, suicide in India and suggestion for the removal of Suicide. Meaning, Definition of Prostitution, Nature of Prostitution in India, Types of Prostitution, Causes of Prostitution and Bad Effects of Prostitution Removal of Prostitution in India and Suggestion for the Removal of Prostitution.	Caste Panchayats, Background of Caste Panchayats in Rural India, Structure of Caste Panchayats, Functions of Caste Panchayats and Disorganization of Caste Panchayats.

01.07.22			
02.07.22			
03.07.22 SUNDAY	Concept of Power and Features of Power**,** Elite Theories Regarding Distribution of Power, Changing Phenomena of Power and Social Stratification in India.Meaning of Gender Stratification, Types of Gender Stratification, Forms of Sexual Stratification in India and Women Empowerment.	Concept of AIDS, Emergence of AIDS, Stages of AIDS, Development of AIDS, Causes of AIDS, Different illusion regarding AIDS, Symptoms of AIDS, Problem of AIDS in India, Bad effects of AIDS on Indian society, Diagnosis for AIDS, Governmental Efforts for the removal of AIDS and suggestions to control AIDS.	Panchayats Raj before and after 73rd Amendment, Central Legislation Related to New Panchayati Raj, Main Characteristics of New Panchayati Raj Act 1992, Objectives of Village Panchayats, Role of Village Panchayat in Rural Reconstruction andWomen Empowerment in Panchayati Raj Institution.
04.07.22			
05.07.22 Sessional Test			
06.07.22			
07.07.22			
08.07.22			
09.07.22			
10.07.22 SUNDAY			
11.07.22			
12.07.22	Quiz Revision of all four Unit.	Quiz Revision of all four Unit	Quiz Revision of all four Unit.
13.07.22			
14.07.22			
15.07.22			
16.07.22			
17.07.22 SUNDAY			
18.07.22			
19.07.22			

Lesson Plan BA I Year Section A and D
Session 2021-2022

April

First Week- Introducing Literature and Short Stories
Second Week- Pigeons at Daybreak Text
Third Week- Pigeons at Daybreak Questions Answers, Themes, Motif
Fourth Week- Short story 'Panchlight' by Phanishwar Nath Renu
Screening of Movie Panchlait
Test I

May
First Week- Short Story With The Photographer
Assignment I
Test II
Question Answer
Second Week- Literature from North East
About Temsula Ao
The Journey- Short Story
Third Week- K.A. Abbas and Short story- The Refugee
Fourth Week- Bellows the Bullock
Question Answers
Themes and Motifs

June

First Week- About Premchand and Premchand era
Assignment II
Second Week- The Child- Short Story
Third Week- About R.K Narayan and his contribution to Indian English Literature
The Blind Dog
Fourth Week- Question Answers
Revision of Transcription

July
First Week- Revisions and Tests
Second Week- Previous Year Question Paper and Tests

Lesson Plan for BA Third Year VI Sem English Hons.

Paper- Modern World Literature
Session 2021-2022

Faculty- Dr. Mallika Tiwari

First Week of April-
i) Introduction to World Literature
ii) Insights of David Damrosch on World Literature
iii) Important World Literature Authors and their seminal works (Competitive Exam POV)

Second Week of April-
i) Introduction to Albert Camus
ii) Concepts of Absurdity and Existentialism
iii) The Guest by Camus

Third Week of April-
i) The Guest - Camus- Cont…
ii) Analysis and Criticism of The Guest

Fourth Week of April-
i) Introduction to Russian Literature- About Nikolai Gogol, Vladimir Nobokiv, Leo Tolstoy, Anton Chekov and other Russian Authors
ii) The Overcoat by Nikolai Gogol
iii) Assignment I

First week of May-
i) The Overcoat Cont.
ii) Critical Appreciation
iii) Class Test I

Second Week of May-
i) Latin American Literature and Magic Realism
ii) Gabriel Garcia Marquez- Introduction and discussion on his classic work One Hundred Years of Solitude
iii) The Handsomest Man in the World by Marquez

Third Week of May
i) The Handsomest Man in the World Cont.
ii) Critical Appreciation
iii) Assignment II

Fourth Week of May-
i) Anti-apartheid Movement and Literature associated
ii) Nadine Gordimer- Life, Works and Themes

iii) Once Upon a Time By Gordimer

First Week of June-
i) Once Upon a Time Cont.
ii) Critical Appreciation and Questions
iii) Class Test II

Second Week of June
i) Nigerian Literary Movement
ii) Chinua Achebe- Life, Works (African Trilogy), Themes

Third week of June-
i) Things Fall Apart

Fourth week of June-
i) Things Fall Apart Cont.

First week July-
i) Critical Appreciation of Things Fall Apart
ii) Revision

Second Week July-
i) Revision

Physics Department-Lesson Plan

(Even Semester April 2022 to mid July 2022)

B.Sc. I (Non-Med)

Weeks	Dates	(Dr. Vidhi Mann) Paper – I (Properties of Matter and kinetic Theory of Gases) and Paper – II (Semiconductor Devices)
Week 1	**11-16 April**	***Paper 1*** **Unit I:** Moment of inertia Rotation of rigid body, Moment of inertial, Torque, angular momentum, Kinetic Energy of rotation, Theorem of perpendicular and parallel axes (with proof), Moment of inertia of solid sphere, hollow sphere, spherical shell, solid cylinder, hollow cylinder.
Week 2	**18- 23 April**	Moment of inertia of solid bar of rectangular cross–section, Fly wheel, Moment of inertia of an irregular body, Acceleration of a body rolling down on an inclined plane. Numerical Practice. Class Test **Unit II:** Elasticity - Elasticity, Stress and Strain, Hook's law, Elasticity, Stress and Strain, Hooke's law.
Week 3	**25-30 April**	Elastic constant and their relations, Poisson's ratio, Torsion of cylinder and twisting couple, Determination of coefficient of modulus of rigidity - Maxwell's needle, Bending of beam (Bending moment and its magnitude), Cantilever and Centrally loaded beam, Determination of Young's modulus for the material of the beam.
Week 4	**02-07 May**	Elastic constants for the material of the wire by Searle's method, Numerical Practice. ***Paper 2*** **Unit I**: Energy bands in solid, intrinsic and extrinsic semiconductors, carrier mobility and electrical resistivity of semiconductors, Hall effect.
Week 5	**09-14 May**	P-N Junction diode and their Characteristics, Zener and Avalanche breakdown, Zener Diode, Light Emitting diode (LED), Photoconduction in semiconductors, Photodiode, Solar Cell, P-N Junction as a rectifier, half wave and full wave rectifier (with derivation), filters (basic), filters (Series inductor, Shunt capacitance, L- Section of choke, π and R.C. filter circuits), Numerical Practice**,** Assignment
Week 6	**16-21 May**	**Unit –II**: Transistors:- Junction transistors, Working of NPN and PNP transistors, Three configurations of transistors (C-B, C-E, C-C modes), Common Base , Common Emitter characteristics of transistors, Common collector characteristics of transistors, Constant of a transistor and their relation, Advantages and disadvantages of C-E configuration, D.C. load line, Transistor biasing.
Week 7	**23-28 May**	Various methods of transistor biasing and stabilization. Numerical Practice, Class test **Unit-III**: Transistor Amplifiers introduction, Classification of amplifiers ,common base amplifier, common emitter amplifiers, coupling of amplifiers, RC coupled amplifier (two stage concept of bandwidth, no derivation),
Week 8	**30 May – 04 June**	Feedback in amplifiers, Advantages of negative feedback, emitter follower, distortion in amplifiers. , Numerical Practice, Test **Unit –IV:** Oscillators, Principle of oscillation, classification of oscillators, Condition for self sustained oscillation: Barkhausen criterion for oscillation.
Week 9	**06-11 June**	Tuned collector common emitter oscillator, Hartley oscillator, C.R.O. Principle and working, Numerical practice

Week 10	**13-18 June**	***Paper 1*** **Unit III:** Assumption of Kinetic theory of gases, pressure of an ideal gas (with derivation), Kinetic interpretation of Temperature, Ideal Gas equation, Degree of freedom, Law of Equipartition of energy and its application for specific heat of gas, Real gases equation.
Week 11	**20-25 June**	Vander wall's equation, Brownian motion(Qualitative) , Numerical practice, Assignment **Unit IV**: Maxwell's distribution of speed and velocities Maxwell's law of speed distribution: most probable speed
Week 12	**27-02 July**	Average and r.m.s. speed, Mean free path, Transport of energy and momentum, Diffusion of gases, Numerical Practice, Test
Week 13	**04-09 July**	Paper- I Revision and Test
Week 14	**11-16 July**	Paper- II Revision and Test

Physics Department-Lesson Plan

(Even Semester April 2022 to mid July 2022)

B.Sc. II (Non-Med)

Weeks	Dates	(Mrs. Anuradha Gandhi) Paper – I (Statistical Physics) and Paper – II (Optics)
Week 1	**04 - 09 April**	**Paper II : Unit II**- Fourier theorem and Fourier series, evaluation of Fourier coefficient, importance and limitations of Fourier theorem, even and odd functions,, Fourier series of functions f(x) between (i) 0 to 2pi, (ii) –pi to pi Fourier series of functions f(x) between (iii) 0 to pi, (iv) –L to L,, complex form of Fourier series, Application of Fourier theorem for analysis of complex waves, solution of triangular waves, solution of rectangular waves , half wave rectifier,
Week 2	**11-16 April**	full wave rectifier outputs, Fourier integrals, Numerical Practice **Unit III**-Fourier transforms Fourier transforms and its properties, Application of Fourier transform (i) for evaluation of integrals
Week 3	**18- 23 April**	(ii) for solution of ordinary differential equations, f(x)= e- x2/2;|X|<a ;f(x) = 0 |X |>a f(x)= e- x2/2;|X|<a ;f(x) = 0 |X |>a Geometrical Optics I : Matrix methods in paraxial optics, Effects of translation and refraction, derivation of thin lens and thick lens formulae unit plane, nodal planes, system of thin lenses, Numerical Practice, Assignment
Week 4	**25-30 April**	**Unit-IV**: Geometrical Optics II: Chromatic spherical, coma, astigmatism and distortion aberrations and their remedies, Fiber Optics Optical fiber, Critical angle of propagation, Mode of Propagation, Acceptance angle, Fractional refractive index change, Numerical aperture, Types of optics fiber, Normalized frequency, Pulse dispersion, Attenuation
Week 5	**02-07 May**	Applications, Fiber optic Communication, Advantages, Numerical Practice **Paper I: Unit - I** Microscopic and Macroscopic systems, Probability, statistical probability, A-priori probability Tossing of 2,3 and any number of Coins, Permutations and combinations, distributions of N distinguishable particles in two boxes of equal size, distributions of N indistinguishable particles in two boxes of equal size
Week 6	**09-14 May**	Micro and Macro states, Thermodynamical probability, Constraints and Accessible states, Statistical fluctuations, general distribution of distinguishable particles in compartments of different sizes, Condition of equilibrium between two systems in thermal contact-- β parameter, Entropy and Probability (Boltzmann's relation). Numerical Practice
Week 7	**16-21 May**	**Unit –II**: Statistical Physics II Postulates of statistical physics, Phase space, Division of Phase space into cells, three kinds of statistics, M. B. statistics applied to an ideal gas in equilibrium- energy distribution law, speed distribution law , velocity distribution law, Expression for average speed, r.m.s. speed,
Week 8	**23-28 May**	Expression for average velocity, r. m. s. velocity, most probable energy & mean energy for Maxwellian distribution Numerical Practice, Test

		Unit-III: Quantum Statistics Need for Quantum Statistics, Bose-Einstein energy distribution law,, Application of B.E. statistics to Planck's radiation law B.E. gas
Week 9	**30 May – 04 June**	Degeneracy and B.E. Condensation,, Fermi Dirac energy distribution law, F.D. gas and Degeneracy, Fermi energy and Fermi temperature, Fermi Dirac energy distribution law, Fermi Dirac gas and degeneracy
Week 10	**06-11 June**	Fermi energy and Fermi temperature, Fermi Dirac energy distribution law for electron gas in metals, Zero point energy, Zero point pressure and average speed (at 0 K) of electron gas,, Specific heat anomaly of metals and its solution. M.B. distribution as a limiting case of B.E. and F.D. distributions.
Week 11	**13-18 June**	Comparison of three statistics, Numerical Practice, Assignment **Unit IV**: Theory of Specific Heat of Solids: Dulong and Petit law. Derivation of Dulong and Petit law from classical physics, Specific heat at low temperature, Einstein theory of specific heat, Criticism of Einstein theory, Debye model of specific heat of solids, success and shortcomings of Debye theory
Week 12	**20-25 June**	Comparison of Einstein and Debye theories., Numerical Practice **Paper II Unit I**: Polarization by reflection, refraction and scattering, malu's law, Double refraction, Huygens's Theory, analysis of polarized light, Nicol prism
Week 13	**27-02 July**	Quarter wave plate, half wave plate, Plane, circularly and elliptically polarized light, Optical activity, Fresnel's theory of optical rotation, Specific rotation and polarimeters, Numerical Practice, Assignment
Week 14	**04-09 July**	Paper- I Revision and Test
Week 15	**11-16 July**	Paper- II Revision and Test

Physics Department-Lesson Plan

(Even Semester April 2022 to mid July 2022)

B.Sc. III (Non-Med)

Weeks	Dates	Teacher's Name - Dr. Saroj Rani Paper II (Atomic and Molecular Physics
Week 1	**04 - 09 April**	**Unit I :** Atomic Spectroscopy -introduction, emission and absorption spectra, Bohr's Atomic Model spectra of hydrogen atom, complete explanation of spectra, Rydberg constant mass shortcoming of Bohr's model, Wilson sommerfieid quantization rule, Bohr's corresponding model
Week 2	**11-16 April**	shortcoming of this model, vector atom model, various quantum no. associated with vector model shortcoming of this model, Numerical Practice
Week 3	**18- 23 April**	**Unit II:** Vector Atom Model (single Valence electron)- Introduction Orbital and magnetic dipole moment, Larmor's precession and theorem, Penetrating and non penetrating model. Quantum defect and spin orbit interaction energy, Hydrogen fine spectra, Main feature of alkali spectra, Absorption spectra of alkali atom intensity rule for doublets
Week 4	**25-30 April**	Comparison of alkali and hydrogen spectra, Numerical Practice, Assignment, TEST **Unit III**: Vector atom model for two valence electron LS Coupling and Interaction Energy in LS coupling
Week 5	**02-07 May**	JJ coupling and Interaction Energy in JJ coupling, Comparison of spectral terms in LS and JJ coupling Hyperfine structure of spectral line and its origin, Nuclear Spin
Week 6	**09-14 May**	Numerical Practice **Unit IV** Atom in external field (Introduction) Normal Zeeman effect. Anomalous Zeeman Effect, Paschen –Back effect of a single valence electron system. Weak Field Stark Effect, Numerical Practice and Test
Week 7	**16-21 May**	**Unit I :** Crystalline and glassy forms, liquid crystal, crystal structure, periodicity, translation vector and axes, unit cell, primitive cell, Wienger sietz primitive cell symmetry operation for a two dimensional crystal, Bravis lattice for two dimension, Bravis lattice for three

		dimension, crystal plane and miller indices, Inter planar spacing,
Paper-I (Solid State Physics and Nanotechnology)		
Week 8	**23-28 May**	crystal structures Numerical Practice **Unit II :** X-ray Diffraction, Bragg Diffraction K –spacing Reciprocal lattice and its physical significance, reciprocal lattice to a simple cubic lattice, reciprocal lattice to a body centered cubic Reciprocal lattice to a face centered cubic
Week 9	**30 May – 04 June**	**Unit III**: Survey of superconductivity, high Tc superconductor, isotopic effect, critical magenetic field, Miessner effect, London and pippard's equation, classfication of superconductor, BCS Theory and flux quantization BCS Theory and flux quantization, Josephon effect, application and limitation of superconductivity, Numerical Practice
Week 10	**06-11 June**	**Unit IV**: Nanophysics definition, length scale, importance of Nanoscale and technology, history, benefits and challenge in molecular manufacturing Molecular assembler concept, vision and objective of nanotechnology, Application of nanotechnology in different fields. Numerical Practice and Assignment
Week 11	**13-16 June**	**Paper II- Unit IV** Rotational spectra and vibrational spectra, Rotator Model, Raman effect and Electronic Spectra, Assignment and Test

Physics Department-Lesson Plan

(Even Semester April 2022 to mid July 2022)

B.Sc. III (Non-Med)

Weeks	Dates	Teacher's Name (Dr. Saroj Rani)	Dates	(Dr. Vidhi Mann) Paper-I (Solid State Physics and Nanotechnology)
Week 1	**04 - 06 April**	**Unit I :** Atomic Spectroscopy -introduction, emission and absorption spectra, Bohr's Atomic Model spectra of hydrogen atom, complete explanation of spectra	**07-09 April**	**Unit I :** Crystalline and glassy forms, liquid crystal, crystal structure, periodicity, translation vector and axes, unit cell, primitive cell, Wienger sietz primitive cell
Week 2	**11-13 April**	Rydberg constant mass shortcoming of Bohr's model, Wilson sommerfieid quantization rule, Bohr's corresponding model	**14-16 April**	symmetry operation for a two dimensional crystal, Bravis lattice for two dimension, Bravis lattice for three dimension, crystal plane and miller indices
Week 3	**18- 20 April**	shortcoming of this model, vector atom model, various quantum no. associated with vector model	**21-23 April**	Inter planar spacing, crystal structures Numerical Practice
Week 4	**25-27 April**	shortcoming of this model, Numerical Practice	**28-30 April**	**Unit II :** X-ray Diffraction, Bragg Diffraction K –spacing
Week 5	**02-04 May**	**Unit II:** Vector Atom Model (single Valence electron)-Introduction Orbital and magnetic dipole moment, Larmor's precession and theorem, Penetrating and non penetrating	**05-07 May**	Reciprocal lattice and its physical significance, reciprocal lattice to a simple cubic lattice, reciprocal lattice to a body centered cubic

		model		
Week 6	**09-11 May**	Quantum defect and spin orbit interaction energy, Hydrogen fine spectra, Main feature of alkali spectra, Absorption spectra of alkali atom intensity rule for doublets	**12-14 May**	Reciprocal lattice to a face centered cubic Numerical Practice, Assignment
Week 7	**16-18 May**	Comparison of alkali and hydrogen spectra, Numerical Practice, Assignment	**19-21 May**	**Unit III**: Survey of superconductivity, high Tc superconductor, isotopic effect, critical magenetic field, Miessner effect
Week 8	**23-25 May**	**Unit III**: Vector atom model for two valence electron LS Coupling and Interaction Energy in LS coupling	**26-28 May**	London and pippard's equation, classfication of superconductor, BCS Theory and flux quantization
Week 9	**30 May – 01 June**	JJ coupling and Interaction Energy in JJ coupling, Comparison of spectral terms in LS and JJ coupling	**02-04 June**	BCS Theory and flux quantization, Josephon effect, application and limitation of superconductivity, Numerical Practice
Week 10	**06-08 June**	Hyperfine structure of spectral line and its origin, Nuclear Spin	**09-11 June**	**Unit IV**: Nanophysics definition, length scale, importance of Nanoscale and technology, history, benefits and challenge in molecular manufacturing
Week 11	**13-15 June**	Numerical Practice **Unit IV** Atom in external field (Introduction) Normal Zeeman effect	**16-18 June**	Molecular assembler concept, vision and objective of nanotechnology, Application of nanotechnology in different fields.
Week 12	**20-22 June**	Anomalous Zeeman Effect, Paschen –Back effect of a single valence electron system	**23-25 June**	Numerical Practice and Assignment **Paper II- Unit IV** Rotational spectra and vibrational spectra
Week 13	**27-29 June**	Weak Field Stark Effect, Numerical Practice and Test	**30 June-02 July**	Rotator Model, Raman effect and Electronic Spectra
Week 14	**04-06 July**	Unit- I and Unit- II Revision and Test	**07-09 July**	Unit- I and Unit- II Revision and Test
Week 15	**11-13 July**	Unit- III and Unit- IV Revision and Test	**14 – 16 July**	Unit- III and Unit- IV Revision and Test

Semester Wise Lesson Plan/Syllabus to be covered

Class BA III Semester VI

1. ਕਾਇ ਜੋਤਾਂ ਕਾਇ ਨੀਸੂਹਿ
   ਗੁਰੂ ਅਰਜਨ ਦੇਵ ਜੀ, ਗੁਰੂ ਤੇਗ ਬਹਾਦਰ, ਸਾਹ ਮੁਹੰਮਦ, ਪੀਲੂ, ਗੁਰੂ ਗੋਬਿੰਦ ਸਿੰਘ
2. ਪੰਜਾਬੀ ਸਾਹਿਤ ਦਾ ਇਤਿਹਾਸ (ਆਰੰਭ ਤੋਂ 1700 ਤੱਕ)
3. ਸਾਹਿਤ ਰੂਪ
   ਨਾਵਲ, ਕਿੱਸਾ, ਕਹਾਣੀ, ਨਾਟਕ, ਇਕਾਂਗੀ, ਲੇਖਾ ਚਿੱਤਰ, ਸਫ਼ਰਨਾਮਾ, ਨਿਬੰਧ, ਜੀਵਨੀ ਅਤੇ ਸੰਵੈ-ਜੀਵਨੀ
4. ਅਨੁਵਾਦ (ਪੰਜਾਬੀ ਤੋਂ ਹਿੰਦੀ)
5. ਵਚਨ ਬਦਲੋ
6. ਲਿੰਗ ਬਦਲੋ
7. ਵਸਤੂਨਿਸ਼ਠ ਪ੍ਰਸ਼ਨ

April 2022 — ਗੁਰੂ ਅਰਜਨ ਦੇਵ, ਗੁਰੂ ਤੇਗ ਬਹਾਦਰ ਸਾਹ ਮੁਹੰਮਦ, ਸਾਹਿਤ ਰੂਪ

May 2022 — ਸਾਹਿਤ ਰੂਪ, ਅਨੁਵਾਦ, ਸਾਹਿਤ ਦਾ ਇਤਿਹਾਸ

June 2022 — ਵਚਨ ਤੇ ਲਿੰਗ, ਪੀਲੂ, ਗੁਰੂ ਗੋਬਿੰਦ

Semester Wise Lesson Plan/Syllabus to be covered

Class BA Semester IV

April 2022 — ਕਾਵਿ ਤਰੰਗਾਂ ਪੁਸਤਕ ਵਿਚੋਂ ਕਵੀ
ਬਹੁਤੇ ਸ਼ਬਦਾਂ ਦੀ ਥਾਂ ਇਕ ਸ਼ਬਦ

May 2022 — ਨਿਬੰਧ ਚੋਣ ਰਚਨਾ
ਅਲੰਕਾਰ, ਕਵੀ

JUNE 2022 — ਸਾਹਿਤ ਦੀ ਇਤਿਹਾਸਕਾਰੀ
(1701 ਤੋਂ 1850)

July 2022 — ਸਾਹਿਤਕ ਸ਼ਬਦਾਵਲੀ
Revision

Semester Wise Lesson Plan/Syllabus to be covered

Class BA **Semester** II

April 2022 ਇਕਾਂਗੀ ਬਹੁਰੰਗੀ ਪੁਸਤਕ
ਨਿੱਜੀ ਚਿੱਠੀ ਪੱਤਰ

May 2022 ਕਾਵਿ - ਨਾਟ ਪੁਸਤਕ ਵਿਚੋਂ ਕਵੀ ਅਭਿਆਸ

JUNE 2022 ਇਕਾਂਗੀ, ਕਵੀ
ਸ਼ੁੱਧ ਅਸ਼ੁੱਧ

JULY 2022 ਪ੍ਰਬੰਧਕੀ ਸ਼ਬਦਾਵਲੀ
Revision

Lesson Plan for Semester Even (2021-2022)

Class	April	May	June	July	Remarks
B.A I	Chapters-1, 2 Grammar - The sentence, Auxiliaries	Chapter-3,4,5 Subject-Verb Agreement, Modals, Voice	Chapters - 6,7 Phrasal Verbs Reported Speech	Ch-8 Punctuation	
M.A I Paper X	Kanthapura by Raja Rao	Sons and Lovers by D.H. Lawrence A House of Mr. Biswas - was by Naipaul	• A House of Mr. Biswas continued • Heart of Darkness by Joseph Conrad	• Heart of Darkness continued.	
PG DT Paper III	Unit I - Machine Translation	Unit II - Machine Translation Process, Approaches	Unit III Neural Machine Translation	Unit IV - Machine Aided Translation	

Rashmi Chouna
Rashmi Chouna
Deptt. of English

LESSON PLAN- DS

Name of Faculty : Deepak Kumar

Discipline : Computer Science Engg.

Semester : BSC 2nd

Subject : Data Structure

Lesson plan duration : 15 Weeks

Work Load (Lecture/Practical) Per Week (in hours):

Week	Theory		Practical	
	Lecture day	Topic (Including assignment and test)	Practical Day	Topic
1	1	Data Types, Built in and User Defined Data Structures, Applications of Data Structures	1	Write a program for Binary Search method.
	2	Algorithm Analysis, Worst, Best and Average Case Analysis, Notations of Space and Time Complexity		
	3	One Dimensional Arrays		
2	4	Two Dimensional Arrays Multi-Dimensional Arrays	2	Write a program for insertion sort
	5	Sparse Matrices		
	6	Storage Class, Basics of Recursion		
3	7	Searching from array using Linear search	3	Write a program for selection sort
	8	Binary Search algorithm		

	9	Sorting of array using Selection, Bubble		
4	10	Insertion Sort ,Radix Sort	4	Write a program for bubble sort
	11	Class Test		
	12	Definition, Implementation of Stacks and Its Operations		
5	13	Evaluation of Infix, prefix and Postfix Expression	5	Write a program to implement stack and its operation.
	14	Inter-conversion of Infix Expression, Prefix and Post-Fix Expression		
	15	Implementation of Merge Sort		
6	16	Implementation of Quick Sort	6	Write a program for quick sort.
	17	Definition, Sequential Implementation of Linear Queues and Its Operations		
	18	Circular Queue and Its Implementation		
7	19	Priority Queues and Its Implementation, Applications of queues	7	Write a program for merge sort.
	20	Definition, Implementation of Stacks and Its Operations		
	21	Evaluation of Infix, prefix and Postfix Expression		
8	22	Class Test	8	Write a program to implement Queue and its operation
	23	Dynamic Implementations, Need of Dynamic Data Structures		
	24	Single Link List		

		and Its Dynamic Implementation		
9	25	Traversing, Insertion, Deletion Operations on Single Link Lists	9	Write a program to implement Circular Queue and its operation.
	26	Comparison between Static and Dynamic, Implementation of Linked List		
	27	Circular Link Lists and Doubly Link List		
10	28	Dynamic Implementation of Primitive Operations on Doubly Linked Lists and Circular Link List.	10	Write a program to implement doubly linked list for the following operations: create, display, inserting, counting, searching, traversing and deletion.
	29	Dynamic Implementations, Need of Dynamic Data Structures		
	30	Single Link List and Its Dynamic Implementation		
11	31	Traversing, Insertion, Deletion Operations on Single Link Lists	11	Write a program to implement singly linked list for the following operations: create, display, searching, traversing and deletion.
	32	Comparison between Static and Dynamic, Implementation of Linked List		
	33	Circular Link Lists and Doubly Link List		
12	34	Class Test	12	Write a program to implement circular linked list for the following operations: create, display, inserting, counting, searching, traversing and deletion.
	35	The principle sources of optimization, loop optimization		
	36	Definition, Basic		

		Terminology, Binary Tree, External and Internal Nodes		
13	37	Representation of Infix, Post-Fix and Prefix Expressions using Trees	13	Write a program to implement insertion in b tree
	38	Introduction to Binary Search Trees		
	39	B trees, B+ trees		
14	40	AVL Trees	14	Write a program to implement deletion in b tree
	41	Threaded Binary trees, Balanced Multi-way search trees		
	42	Implementation of Heap Sort Algorithm		
15	43	Basic Terminology, Definition of Undirected & Directed Graphs, Memory Representation of Graphs	15	Write a program to implement traversing in b tree
	44	Minimum-Spanning Trees		
	45	Class Test		

Computer Lesson #1 – Using Windows and Managing Documents

Warm up: What do you use the computer for now? What would you like to do with it?

Objectives:
- Name parts of the computer
- Use Windows
- Manage documents

Session: #1
Time: one hour

Learning Tasks	Instructor Activities	Time	Resources

• Name parts of the computer
  ○ Match computer vocabulary and parts
• Use Windows
  ○ Move arrow
  ○ Use Start menu
  ○ Turn computer off and on
  ○ Use scroll bar
  ○ Open and close windows
• Manage documents
  ○ Open a Word document
  ○ Type a list
  ○ Create a folder
  ○ Save list
	Warm up
	
	Present:
	• Explain that it is important for the class to have a shared computer vocabulary. Have learners label the numbered diagram on parts of the computer. Review together.
	• Explore Windows together, filling in the blanks on the Windows worksheet as you go.
	
	Practice:
	• Have learners open a new Word document and type a "To-do" or shopping list (focus on the computer skill – don't worry about typing, spelling, etc.).
	• Got to "Save As" and have each learner create a folder to save his/her work in.
	• Have learners rename their lists and save in their folders.
		10 min.
		
		15 min.
		
		15 min.
		
		20 min.
			Computer lab
			
			Lesson 1 – Handout 1
			
			Lesson 1 – Handout 2
			
			Word Processing 1

Evaluation: Learners will complete two vocabulary worksheets, create a list and save the list in a folder.

Notes: Encourage learners to help each other as some will have stronger skills. We learn what we teach! Explain that the little mouse and keyboard images on the Word Processing sheets mean click once, click twice and type.

Computer Lesson #2 – Using a Keyboard & Editing Text and Spaces			
Warm up: How many of you have taken typing or word processing courses? Do you use those skills now?			
Objectives: • Use a keyboard • Edit text and spaces			**Session:** #2 **Time:** one hour
Learning Tasks	**Instructor Activities**	**Time**	**Resources**

• Use a keyboard
  ○ Match names with keys on keyboard diagram
  ○ Type sentences
 	
• Edit text and spaces
  ○ Insert text and spaces
  ○ Highlight text
  ○ Delete text and spaces
	Warm up
	
	Review:
	• Have learners open a new Word document.
	• Point out the task bar and document name.
	
	Present:
	• Have learners number the keyboard diagram. Review together. Then have them type the sentences on weight loss.
	• Show learners how to highlight text, insert text and lines, and delete text and lines using the delete and backspace keys.
	
	Practice:
	• Have learners open the Bean Salad recipe and make the corrections given. More advanced learners can then edit the Apple Muffin recipe. Have learners save the recipes in their folders (and print them if they want to try the recipe at home).
		5 min.
		
		5 min.
		
		10 min.
		
		10 min.
		
		30 min.
			Computer lab
			
			Lesson 2 – Handouts 1 & 2
			
			Word Processing 2
			
			Lesson 2 – Handouts 3 & 4

Evaluation: Learners will number a keyboard diagram and edit a recipe.			
Notes: Be sure to download the recipes in advance so they are available to the class. Giving learners an already typed document allows them to focus on the computer skill being taught rather than worrying about whether or not they can type!			

Computer Lesson #3 – Typing Paragraphs and Checking Spelling			
Warm up: How many of you use the computer to write letters or send email messages? How do you check for spelling errors?			
Objectives: • Type paragraphs • Check spelling			**Session:** #3 **Time:** one hour
Learning Tasks	**Instructor Activities**	**Time**	**Resources**

• Type paragraphs
  ○ Use tab and enter keys
  ○ Type sentences
 	
• Check Spelling
  ○ Open Spell-check
  ○ Use Spell-check
	Warm up
	
	Review:
	• Have learners fill in the blanks on the Typing Paragraphs handout. Review how to use the tab and enter keys. Have them type the paragraphs and the next paragraph on the handout (or they can write their own). Tell them not to worry about errors.
	
	Present:
	• Point out the Review tab on the ribbon.
	• Show learners how to use Spell-check.
	• Have them use it to check their paragraphs.
	
	Practice:
	• Have learners use Spell-check to correct the newsletter article. Have them save the article in their folder. Advanced students can type and check a newspaper article.
		5 min.
		
		15 min.
		
		20 min.
		
		20 min.
			Computer lab
			
			Lesson 3 – Handout 1
			
			Word Processing 3
			
			Lesson 3 – Handout 2
			Newspaper article copies

Evaluation: Learners will type a paragraph and check spelling in a newsletter article.			
Notes: Spell-check is found in the Proofing group on the Review tab. Be sure to download the article in advance so it is available.			

Computer Lesson #4 – Using Tabs & Typing Friendly Letters			
Warm up: How many of you still write letters? How many just use email?			
Objectives: • Use tabs • Type friendly letter			**Session:** #4 **Time:** one hour
Learning Tasks	**Instructor Activities**	**Time**	**Resources**

• Use tabs
  ○ Create a personal schedule
• Type a friendly letter
  ○ Indent using tab key
  ○ Write a letter to a friend
	Warm up
	
	Review:
	• Have learners create a personal schedule using the tab key to make two columns – one for time and one for activity.
	
	Present:
	• Show learners how to use the tab key to indent lines using the ruler to measure.
	
	Practice:
	• Have learners copy the sample letter.
	• Have them write a letter to a friend.
	• Show learners how to print their letters.
		5 min.
		
		10 min.
		
		5 min.
		
		40 min.
			Computer lab
			
			Lesson 4 – Handout 1
			
			Lesson 4 – Handout 2
			Letter to copy

Evaluation: Learners will create a personal schedule and type a letter to a friend.			
Notes: Some learners may not be comfortable thinking of something to say and learning a new skill. Its okay for them to copy the sample letter again or you could bring another longer letter for them to copy.			

Computer Lesson #5 – Using Fonts			
Warm up: What is a font? Do fonts affect how we respond to text?			
Objectives: • Use fonts			**Session:** #5 **Time:** one hour
Learning Tasks	**Instructor Activities**	**Time**	**Resources**

• Use fonts
  ○ Identify the formatting toolbar
  ○ Use different font styles
  ○ Underline, bold and italicise text
	Warm up
	
	Review:
	• Have learners write a list of names and phone numbers of friends and family using the tab key to create two columns.
	
	Present:
	• Show learners the Font group on the Home tab.
	• Demonstrate how to change the font style by highlighting a line of text and choosing a different font style. Show how to choose the font style before beginning to type.
	• Then show how you can also use the B,*I*, and U icons to format text.
	
	Practice:
	• Have learners copy the garage sale poster using different font styles. More advanced learners can create a second poster using the information on Handout 2.
		5 min.
		
		10 min.
		
		10 min.
		
		35 min.
			Computer lab
			
			Word Processing 5
			
			Lesson 5 – Handouts 1 & 2

Evaluation: Learners will create a phone list and copy a poster using different fonts and font styles.			
Notes: Encourage creativity. This is the fun part!			

Computer Lesson #6 – Using Alignments & Inserting Pictures			
Warm up: What is an alignment? Is a picture really worth a 1000 words?			
Objectives: • Use alignments • Insert pictures			**Session:** #6 **Time:** one hour
Learning Tasks	**Instructor Activities**	**Time**	**Resources**

• Use alignments
  ○ Align text right, left and centre
  ○ Create an invitation using all three alignments
 	
• Insert Pictures
  ○ Search for pictures
  ○ Insert a picture
  ○ Move, resize and position a picture
	Warm up
	
	Review:
	• Have learners write a sentence about their day. Highlight and change the font style. Use **B**, *I*, and U. Undo the changes.
	
	Present:
	• Point out the Paragraph group.
	• Discuss alignment. Demonstrate by having learners write their names and then align them right, left and centre.
	
	Practice:
	• Have learners fill in and then type the invitation on Handout 1.
	Present:
	• Demonstrate how to insert a picture. Have learners search for a picture and insert it in their invitation. Demonstrate how to move, resize and position pictures.
	• Have learners save their invitations.
		5 min.
		
		10 min.
		
		10 min.
		
		15 min.
		
		20 min.
			Computer lab
			
			Word Processing 6-1
			
			Lesson 6 – Handout 1
			
			Word Processing 6-2

Evaluation: Learners will create an invitation with aligned text and a picture.			
Notes: Be sure to show learners how to change the wrapping style of the picture so the picture is easy to move.			

Computer Lesson #7 – Cut, Copy and Paste			
Warm up: Do we always have to retype things if we want to use them again?			
Objectives: • Use cut and paste • Use copy and paste			**Session:** #7 **Time:** one hour
Learning Tasks	**Instructor Activities**	**Time**	**Resources**

• Use copy and paste
  ○ Copy text
  ○ Paste text
 	
• Use cut and paste
  ○ Cut text
  ○ Paste text
	Warm up
	
	Review:
	• Have learners open a new Word document, search for a picture in Clip Art that reflects their day and insert the picture in their document.
	
	Present:
	• Have learners type a caption for their picture.
	• Demonstrate how to cut the caption and paste it lower on the page, then how to copy it and paste it lower on the page, using the Clipboard group.
	Practice:
	• Have learners copy and paste the childhood diseases into the table on Handout 7-1 using Handout 7-2 as a guide.
	• Have learners cut and past the recyclables/not recyclables into the table in Handout 7-3.
		5 min.
		
		10 min.
		
		15 min.
		
		15 min.
		
		15 min.
			Computer lab
			
			Word Processing 7
			
			Lesson 7 – Handouts 1 & 2
			
			Lesson 7 – Handout 3

Evaluation: Learners will copy and cut items and paste them into tables.			
Notes: Show learners how they can paste the last cut/copied item multiple times (useful for the childhood disease activity).			

Computer Lesson #8 – Numbered & Bulleted Lists			
Warm up: When do we use bulleted and numbered lists?			
Objectives: • Use numbered lists • Use bulleted lists			**Session:** #8 **Time:** one hour
Learning Tasks	**Instructor Activities**	**Time**	**Resources**

• Use numbered lists
  ○ Type article
  ○ Create a numbered list
 	
• Use bulleted lists
  ○ Type article
  ○ Create a bulleted list
	Warm up
	
	Review:
	• Copy a "quote of the day" on the board. Have learners open a new Word document and type the quote. Have them copy and paste it ten times.
	
	Present:
	• Have learners type a list of towns/cities.
	• Demonstrate how to highlight the list and then use the number/bullet icons in the Paragraph group on the Home tab to format the list.
	• Demonstrate how to first click on the icon and then type a new list.
	• Show how to highlight the list and click on the icon to undo.
	
	Practice:
	• Have learners copy Handouts 8-1 & 8-2 using the bullet and number icons on the formatting toolbar to format the text.
	• Have learners save their work.
		5 min.
		
		10 min.
		
		20 min.
		
		25 min.
			Computer lab
			
			Lesson 8 – Handouts 1 & 2

Evaluation: Learners will copy two documents, using the bullet and number icons to format the text.			
Notes: Use bullets when items are of equal value and numbered lists when there is a sequence or difference in importance.			

Computer Lesson #9 – Typing Business Letters			
Warm up: When do you write a business letter? Is it always a complaint letter? Do you ever write "good news" business letters?			
Objectives: • Type business letter			**Session:** #9 **Time:** one hour
Learning Tasks	**Instructor Activities**	**Time**	**Resources**

• Type business letter
  ○ Identify parts of a business letter
  ○ Write a business letter
	Warm up
	
	Review:
	• Have learners type a list of foods they enjoy and number it using the number icon.
	
	Present:
	• Discuss the parts of a business letter.
	• Discuss how the conventions have changed since many people learned to write a business letter (block format, province format, etc.) and how the computer has shaped that change.
	
	Practice:
	• Have learners write a complaint or "good news" letter to their MP, MLA or mayor.
	• Have learners print their letters.
	• Extend the activity by having more advanced learners look up the address on the internet and showing them how to print an envelope.
		5 min.
		
		10 min.
		
		15 min.
		
		30 min.
			Computer lab
			
			Lesson 9 – Handout 1

Evaluation: Learners will write a business letter and print an envelope.			
Notes: If you are sharing a printer make sure that everyone is printing letters and/or envelopes at one time!			

Computer Lesson #10 – Creating Tables			
Warm up: When do we use tables? How can they help us organize information?			
Objectives: • Create tables			**Session:** #10 **Time:** one hour
Learning Tasks	**Instructor Activities**	**Time**	**Resources**

• Create tables
  ○ Identify parts of a table
  ○ Create a table
  ○ Type information into cells
	Warm up
	
	Present:
	• Discuss when to use tables. Have learners identify the parts of a table.
	• Demonstrate how to create a table using the Tables group in the Insert tab.
	• Demonstrate how to type information in the cells and how to move around in the table (using tab key, arrows and/or mouse).
	
	Practice:
	• Have learners create the table in Lesson 10 – Handout 1 and input the words in the correct columns. A quick review of parts of speech may be necessary!
	• Have learners save their table in their folder.
		5 min.
		
		20 min.
		
		35 min.
			Computer lab
			
			Word Processing 10
			
			Lesson 10 – Handout 1

Evaluation: Learners will create a table and type information in the cells.			
Notes: In the lesson yesterday is an adverb. Yesterday can be an adverb, noun or adjective.			

Computer Lesson #11 – Formatting Tables			
Warm up: How can formatting help us understand documents?			
Objectives: • Format tables			**Session:** #11 **Time:** one hour
Learning Tasks	**Instructor Activities**	**Time**	**Resources**

• Format tables
  ○ Insert and delete columns and rows
  ○ Format rows, columns and cells
  ○ Format borders, size, fonts and alignment
	Warm up
	
	Review:
	• Have learners create a table with three columns, eight rows and the headings Spring, Summer and Fall. Have them type names of plants that flower in each season.
	
	Present:
	• Click in a cell and point out the Layout and Design tabs located in Table Tools.
	• Use the Seasons table to demonstrate how to change the height, delete and insert, highlight, and put borders around rows and columns.
	
	Practice:
	• Have learners format the table in Lesson 11 – Handout 1.
	• Have learners save their tables in their folders.
		5 min.
		
		15 min.
		
		10 min.
		
		30 min.
			Computer lab
			
			Word Processing 10
			
			Lesson 11 – Handout 1

Evaluation: Learners will format a table and type information in the cells.			
Notes: Don't forget to download the table for learners to format. The table will get too wide and the sides of the page will no longer be visible. To avoid this, show learners how they can double click at the top of the line between columns and the column will automatically fit to the contents. You *must* click in a cell to access the Layout and Design tabs in Table Tools.			

Computer Lesson #12 – Page Set-up			
Warm up: What is portrait? What is landscape? What is a margin?			
Objectives: • Set up page			**Session:** #12 **Time:** one hour
Learning Tasks	**Instructor Activities**	**Time**	**Resources**

• Set up page
  ○ Discuss default settings
  ○ Change margins
  ○ Change paper size
  ○ Change paper orientation
	Warm up
	
	Present:
	• Discuss default settings on the computer and when it is appropriate to change those settings.
	• Have learners open a new Word document and click on the Page Layout tab.
	• Have learners change the paper size, margins and orientation of the document.
	• Close the document.
	
	Practice:
	• Have learners create the table in Lesson 12 – Handout 1.
	• Have them input information from memory, the phone book, or, for more advanced learners, from the internet.
	• Have learners save their table in their folder.
	• More advanced learners can also do the resume if appropriate
		5 min.
		
		15 min.
		
		40 min.
			Computer lab
			
			Word Processing 12
			
			Lesson 12 – Handout 1
			
			Lesson 12 – Handout 2

Evaluation: Learners will change the page set-up on a document and then create a phone list.			
Notes: More advanced learners can use www.mytelus.com or www.canada411.ca to find phone numbers of friends and family.			

LESSON PLAN OF PHYSICAL CHEMISTRY FOR B.Sc. 4th SEMESTER SESSION 2021-2022

NAME OF LECTURE:-Ankita

SUBJECT: - PHYSICAL CHEMISTRY

SR.NO.	DATE	TOPIC
1	April 2nd week	UNIT 2ND:- **Electrochemistry: -** Electrolytic and Galvanic cells – reversible & irreversible cells.
2		Electrode Potential, Measurement of standard electrode Potential and **emf** of the cell and its measurement
3	April 3rd week	Standard cell- **weston** standard cell, electrical energy and **emf** of reversible cell.
4		Conventional representation of electrochemical cells. Calculation of thermodynamic quantities of cell reaction (▲G, ▲H, change in entropy & K).
5	April 4th week	refrence electrode and electrochemical series and its application.
6		Activity and activity coeffiecnt , Types of reversible electrodes – metal-metal ion, gas electrode, metal –insoluble salt- anion and redox electrodes
7	MAY 1st week	Types of reversible electrodes redox electrodes Electrode reactions, Nernst equations.
8		Effect of electrolytic concentration and temp. On electrode potential. derivation of cell EMF and single electrode potential
9	MAY 2nd week	Derivation of equilibrium constant from Nernst equation.
10		Electrolytic polarization-concentration polarization.
11	MAY 3rd week	Decomposition voltage or decomposition potential.
12		Standard Hydrogen electrode, reference electrodes, standard electrode potential, sign conventions
13	MAY 4th week	Concentration cells with and without transference, liquid junction potential and its measurement
14		Applications of EMF measurement in solubility product and potentionmetric titrations using glass electrode
15	JUNE 1st week	More stress on numerical problems
16		Numerical on the bases of Ecell and E0cell and nernest equation.
17	JUNE 2nd week	TEST

18		UNIT 1ST:- **Thermodynamics:-INTRODUCTION FROM 1ST LAW OF THERMODYNAMIC.**
19	JUNE 3rd week	Second law of thermodynamics, need for the law, different statements of the law,
20		CYCLIC PROCESS, CARNOT CYCLIC AND ITS IFFICIENCY.
21	JUNE 4th week	Carnot' s theorem, Thermodynamics scale of temperature.
22		Concept of entropy entropy as a state function, entropy as a function of V & T, entropy as a function of P & T.
23	JULY 1ST week	Entropy CHANGE IN reversible and irreversible process.
24		Entropy CHANGE IN accompanying phase transition mixing of ideal gases.
25		Standard entropy and standard change in a chemical reaction.
26		Gibbs free energy or Gibbs free energy function. Variation of work function with temp.and pressure.
27		entropy change in physical change, entropy as a criteria of spontaneity and equilibrium
28	JULY 2ND	Third law of thermodynamic s: Nernst heat theorem, statement of concept of residual entropy
29		evaluation of absolute entropy from Heat capacity data. Gibbs function (G) and Helmholtz function (A) as thermodynamic quantities, G as criteria for thermodynamic equilibrium and spontaneity
30		Its advantage over entropy change. Variation of G with P, V and T
31		Test of 1st unit.

Lesson Plan (April 2021 - July2022)

Name of Assistant Professor: Ms.Ankita

Subject: Inorganic Chemistry

Class: B.Sc. II (IV SEM)

S.N	Month	Week	Topic
1.	April	I	Introduction to Chemistry of f-block elements, Introduction to Lanthanide
		II	Lanthanides: Electronic structure, oxidation states,
		III	Ionic radii and Lanthanides contraction
		IV	Complex formation
		V	Occurrence and isolation of Lanthanides
2.	May	I	Isolation of Lanthanides
		II	Lanthanide compounds
		III	Actinides: General features and chemistry of actinides
		IV	Chemistry of separation of Np, Pu, and Am from U,
		V	Chemistry of separation of Np, Pu, and Am from U,
3.	June	I	Comparison of properties of Lanthanides and Actinides and with transition elements
		II	Theory of qualitative and quantitative analysis-1

4.	June July	III IV V I II III IV	Chemistry of analysis of various acidic radicals Chemistry of identification of acid radicals in typical combination, Chemistry of analysis of various basic radicals Chemistry of interference of acid radicals including their removal in the analysis of basic radicals Common ion effect, solubility product Theory of precipitation, theory of post-precipitation Purification of precipitation

Lesson Plan (April 2021 - July2022)

Name of Assistant Professor: Ms.Ankita

Subject: Inorganic Chemistry

Class: B.Sc. III (VI SEM)

S.N	Month	Week	Topic
1.	April	I	Introduction to Acid Bases: Different concepts of acid and bases
		II	Arrhenius, Bronsted-Lowry concepts of acids and bases
		III	Solvent system and Lewis concept of acids and bases
		IV	Relative strength of acids and bases
		V	Leveling solvents
2.	May	I	Hard and soft acids and Bases,
		II	Applications of HSAB principle
		III	Organometallic compounds -Classification,
		IV	Nomenclature Organometallic compounds,
		V	Nature of bonding,
3.	June	I	Metal carbonyl- Bonding and nomenclature
		II	Bioinorganic chemistry: role of metal ions in biological system,

	June July	III IV V I II III IV	Metalloporphyrin, nitrogen fixation, uses Silicones: Classification, Nomenclature, Nature of bonding Phosphozenes: Classification, Nomenclature, Nature of bonding, uses Phosphozenes: Classification, Nomenclature, Nature of bonding, uses Phosphozenes: Classification, Nomenclature, Nature of bonding, uses Phosphozenes: Classification, Nomenclature, Nature of bonding, uses

Lesson Plan (April 2021 - July2022)

Name of Assistant Professor: Ms. Ankita

Subject: Organic Chemistry

Class: B.Sc. II (IV SEM)

S.N	Month	Week	Topic
1.	April	I	Introduction to Infrared (IR) absorption spectroscopy Molecular vibrations, Hooke's law,
		II	
		III	Selection rules, intensity and position of IR bands,
		IV	Measurement of IR spectrum, fingerprint region, characteristic absorptions of various functional groups and interpretation of IR spectra of simple organic compounds. Applications of IR spectroscopy in structure elucidation of simple organic compounds.
		V	Amines Structure and nomenclature of amines, physical properties.
2.	May	I	Separation of a mixture of primary, secondary and tertiary amines. Structural features affecting basicity of amines. Preparation of alkyl and aryl amines (reduction of nitro compounds, nitriles, reductive amination of aldehydic and ketonic compounds.
		II	Gabrielphthalimide reaction, Hofmann bromamide reaction. Electrophilic aromatic substitution in aryl amines, reactions of amines with nitrous acid.
		III	Diazonium Salts Mechanism of diazotisation, structure of benzene diazonium chloride, Replacement of diazo group by H, OH, F, Cl, Br, I, NO2 and CN groups, reduction of diazonium salts to hyrazines, coupling reaction and its synthetic application.
		IV	Aldehydes and Ketones Nomenclature and structure of the carbonyl group. Wittig reaction. Mannich reaction.
		V	Oxidation of aldehydes, Baeyer– Villiger oxidation of ketones, Cannizzaro reaction. MPV, Clemmensen, WolffKishner, LiAlH4 and NaBH4 reductions.
3.	June	I	Physical properties, Comparison of reactivities of aldehydes and ketones.

	June	II III IV	 Mechanism of nucleophilic additions to carbonyl group with particular emphasis on benzoin, aldol. Synthesis of aldehydes and ketones with particular reference to the synthesis of aldehydes from acid chlorides,
4.	July	I II	Advantage of oxidation of alcohols with chromium trioxide (Sarett reagent) pyridinium chlorochromate (PCC) and pyridinium dichromate., Perkin and Knoevenagel condensations. Condensation with ammonia and its derivatives.

Lesson Plan Summary

Class: Subject Teacher's Name	MONTH	TOPICS/Chapters to be covered	Academic Activities to be organized	Topic of Assignments Test to be given to the student
BCA –III Internet Technologies MANJEET KAUR	1st Week	Introduction; History; Internet Services; TCP/IP: Architecture, Layers, Protocols; TCP/IP model versus OSI Model	1.Brainstorming on History of internet and internet	Assignment1: Application Layer: Electronic Mail: Architecture; Protocols - SMTP, MIME, POP, IMAP; Web Based Mail;
	2nd Week	World Wide Web (WWW),Creating and Searching Information on the Web, Popular Search Engines, URL, HTTP		
	3rd Week	Web Browsers, Chat & Bulletin Board, USENET & NNTP (Network News Transfer Protocol); Internet vs. Intranet;		
	4th Week	TCP, UDP and IP Protocols, Port Numbers; Format of TCP, UDP and IP; IPv4 addressing; IPv6 addressing and packet format	2. Brainstorming on different Web Browsers, Search Engine	
	5th Week	TCP Services; TCP Connection Management; Remote Procedure Call; IP Address Resolution- DNS; Domain Name Space; DNS Mapping; Recursive and Iterative Resolution;		NIL
	6th Week	Mapping Internet Addresses to Physical Addresses: ARP, RARP, DHCP; ICMP; IGMP;		
	7th Week	Application Layer: Electronic Mail: Architecture; Protocols - SMTP, MIME, POP, IMAP; Web Based Mail;	3.GD on different Application Layer protocols	Assignment2: Internet Security: EMail Security; Web Security; Firewall; Introduction to IPSec and SSL
	8th Week	File Access and Transfer: FTP, Anonymous FTP, TFTP, NFS; Remote Login using TELNET;		
	9th Week	Voice and Video over IP: RTP, RTCP, IP Telephony and Signaling, RSVP;		
	10th Week	Routing in Internet: RIP, OSPF, BGP;	4.Debate on different Social sites security issues, Network security issues	
	11th Week	Internet Multicasting;		
	12th Week	Mobile IP; Private Network Interconnection: Network Address Translation (NAT), Virtual Private Network (VPN)		
	13th Week	Internet Management and SNMP; Internet Security: E-Mail Security; Web Security; Firewall; Introduction to IPSec and SSL;	NIL	Class Test: Class test on different Routing algorithms
	14th Week	Revision		
	15th Week	Revision		
	16th Week	Revision	Old Question Papers Solving	

Lesson Plan Summary

LESSON PLAN OF PHYSICAL CHEMISTRY FOR B.Sc. 2nd SEMESTER SESSION 2021-2022

NAME OF LECTURE:-DR.PARVESH GUPTA

SUBJECT: - PHYSICAL CHEMISTRY

SR.NO.	MONTH	TOPIC
1	April 1st week	Chemical Kinetic :-Introduction Rate of chemical reaction, rate equation and its types.
2		factors influencing the rate of a reaction – concentration, temperature, pressure, solvent, light, catalyst
3	April 2nd week	Order of a reaction, integrated r ate expression for zero order, first order
4		second and third order reactions. Half life period of a reaction.
5	April 3rd week	Effect of temperature on the rate of reaction – Arrhenius equation
6		Theories of reaction rate – Simple collision theory for unimolecular collision
7	April 4th week	Transition State theory of bimolecular reactions.
8		NUMERICAL PROBLEM ON THE BASIS OF FISRT AND SECOND ORDER REACTION.
9	MAY 1st week	NUMERICAL PROBLEM ON THE BASIS OF THIRD ORDER REACTION AND HALF LIFE PERIOD OF REACTION.
10		Imp. Characteristics of second and third order reaction.
11	MAY 2nd week	Rate of Radioactive disintegration on decay, Average life and Radioactive Equilibrium
12		Test
13	MAY 3rd week	Unit 2nd -Electrochemistry part 1:-Introduction and some imp. Term, electrolytic conduction
14		factors affecting electrolytic conduct ion, specific conductance, molar conductance, equivalent conductance and relation among them
15	MAY 4th week	Arrhenius theory of ionization, Ostwald's Dilution Law
16		Debye- Huckel – Onsager's equation for strong electrolytes (elementary treatment only)
17	JUNE 1st week	Application of Kohlrausch's Law in calculation of conductance of weak electrolytes at infinite dilution
18		degree of dissociation

19	JUNE 2nd week	determination of Ka of acids determination of solubility product of sparingly soluble salts
20		Numerical on the bases of eq. conductivity.
21	JUNE 3rd week	Part 2nd :- Conductometric titrations weak acid vs weak base and strong base
22		conductometric titrations of strong acid vs strong base
23	JUNE 4th week	conductometric titrations of strong acid vs strong base and weak acids
24		Concepts of pH and pKa
25	JULY 1ST week	Buffer solution, Buffer action
26		Migration of ions
27	JULY 2ND	Calculations of Ph of buffer mixtures.
28		Calculations of Ph of buffer mixtures by Henderson – Hazel equation,
29	JULY 3RD	Buffer mechanism of buffer action.
30		Numerical problems on the bases of conductivity, specific conductivity and degree of dissociation.
31		Test of 2nd unit.

LESSON PLAN OF PHYSICAL CHEMISTRY FOR B.Sc. 6th SEMESTER SESSION 2021-2022

NAME OF LECTURE:-DR.PARVESH GUPTA

SUBJECT: - PHYSICAL CHEMISTRY

SR.NO.	DATE	TOPIC
1	April 1st week	Introduction to statistical mechanics Need for statistical thermodynamics, thermodynamic probability
2		Maxwell Boltzmann distribution statistics
3	April 2nd week	Born oppenheimer approximation, partition function and its physical significance
4		Factorization of partition function and ensemble.
5	April 3rd week	Part 2nd :- Photochemistry:- Interaction of radiation with matter, difference between thermal and Photochemical processes.
6		Laws of photochemistry: Grotthus-Drapper law, Stark- Einstein law (law of photochemical equivalence),
7	April 4th week	Jablonski diagram depicting various processes occurring in the excited state, qualitative description of fluorescence
8		phosphorescence, non-radiactive processes (internal conversion, intersystem crossing)
9	MAY 1st week	quantum yield, photosensitized reactions-energy transfer Processes (simple examples).
10		Photo chemical equlibria, photo inbhitors and photo stationary state
11	MAY 2nd week	Difference between phosphorescence and fluorescence, luminncence. Example of photochemical reactions and their mechanism.
12		Quenching of fluorescence –stern volumer equation.
13	MAY 3rd week	Unit 2nd :- Solutions, Dilute Solutions and Colligative Properties:- introduction, mode of expressing the concentration of a solution, molar free energy,
14		Fugacity and activity and activity coefficient. Ideal and non-ideal solutions,
15	MAY 4th week	Dilute solutions, Raoult's law. Colligative properties: (i) relative lowering of vapour pressure (
16		Thermodynamic derivation of relative lowering of vapour pressure.

17	JUNE 1st week	Experimental determination of l.w.vapour pressure, elevation in boiling point.
18		Experimental determination in elevation in boiling point.
19	JUNE 2nd week	Relation between l.w.vapour pressure and elevation in boiling point.
20		depression in freezing point., Experimental determination in depression in freezing point
21	JUNE 3rd week	Thermodynamic derivation of relation between amount of solute and elevation in boiling point and depression in freezing point.
22		Osmotic pressure, osmosis, and law of osmotic pressure. semi permeable membrane
23	JUNE 4th week	Thermodynamic derivation of Osmotic pressure
24		Experimental determination of Osmotic pressure
25	JULY 1ST week	Applications in calculating molar masses of normal, dissociated and associated solutes in solution
26		Part2nd :- Phase Equilibrium:- Statement and meaning of the terms – phase, component and degree of freedom
27	JULY 2ND	thermodynamic derivation of Gibbs phase rule, phase equilibria of one component system –Example – water system
28		Example – sulphur system, Phase equilibria of two component systems
29	JULY 3RD	solid-liquid equilibria, simple eutectic Example Pb-Ag system, desilverisation of lead.
30		Test

Lesson Plan (April 2021 - July2022)

Name of Assistant Professor: Dr.Parvesh Gupta

Subject: Inorganic Chemistry

Class: B.Sc. I (II SEM)

S.N	Month	Week	Topic
1.	April	I	Hydrogen Bonding, Vander Waal's forces, Metallic Bonds, Semiconductors
		II	S-Block elements, Comparative study of the elements including diagonal relationship Anomalous behaviour of Lithium and Berylium compared to other elements in the same group,
		III	Salient features of hydrides, oxides halides, hydroxides
		IV	Behaviour of solution in liquid ammonia, Introduction to Chemistry of noble gases, general physical properties
2.		V	Low chemical reactivity, chemistry of xenon, Structure and bonding in fluorides
	May	I	Structure and bonding in Oxides and oxyflourides of xenon
		II	P-block elements, electronic configuration, atomic and ionic size definition, methods of determination or evaluation, trend in periodic table (in s and p-block elements)
		III	Metallic character, melting point, ionization energy,
			Electron affinity, electronegativity, inert pair effect, and diagonal relationship
3.		IV	Boron family: Diborane: preparation, properties and structure
		V	Diborane structure, Structure and bonding in fluorides
	June	I	Borazine: chemical properties and structure
		II	Relative strength of trihalides of Boron as Lewis acids, structure of aluminium chloride

4.		III	Carbon family and Nitrogen family: Catenation, carbides, fluorocarbons, silicates Oxides:
	June	IV	Structure of oxides of nitrogen and phosphorus, oxyacids
		V	Structure and relative strength of oxy acids of nitrogen
	July	I	Structure and relative strength of oxy acids of phosphorus
		II	Structure of white and red phosphorus
		III	Halogen Family: interhalogen compounds: properties and structure
		IV	Hydra and oxy acids of chlorine- structure and comparison of acid strength Cationic nature of iodine

Tentative lesson Plan for 2021-2022 (April to July) ①

Month	Class M.A Sem-2 Paper IV	B.A Eng Hons Sem-2
April	Introduction - Poems by Nissim Ezekiel Critical analysis, Qus Ans, Assignment and test	History of Restoration period (1660 to 1700), History from 1700-1750, Qus Ans, test and assignment
May	The Guide by R.K Narayan critical analysis, qus ans, discussion, test and Paper presentation	Macflecnoe by John Dryden critical analysis, qus ans discussion test and literary quiz.
June	Death of the Salesman by Arthur Miller, Critical analysis, Qus ans discussion, Test (activity group discussion)	Epistle to Dr. Arbuthnot, critical analysis, qus ans discussion, test and assignment
July	The Outsiders by Albert Camus critical analysis, qus ans discussion Revision & Test Exam	A Modest Proposal by Jonathan Swift Critical analysis, qus ans, Revision and test Exam

Lesson Plan of B.A Sem-4 for the session ...

LESSON PLAN

Name of Faculty : Deepak Kumar

Discipline : Computer Science

Semester : BCA 1st year Theory

Subject : OAT

Lesson plan duration : 15 Weeks

Work Load (Lecture/Practical) Per Week (in hours):

Unit No.	Topics	Teaching type	Level	Method	No of hours
Unit I	Desktop Publishing: Concept, need and application; Hardware and software requirements for DTP	Understanding	L2	Lecture	**2**
	An overview and comparison between DTP packages, Common feature of DTP Introduction to Page Maker: Features,	Understanding	L2	Lecture	**2**
	Types of management decisions and information need	Understanding	L2	Lecture	**3**
	System Requirements, Components of PageMaker Window,	Understanding	L2	Lecture	**2**
	Introduction to Menu and Toolbars, PageMaker Preferences.	Understanding	L2	Lecture	**3**
Unit II	Creating of Publications: Starting PageMaker; Setting Page Size, Placing the text Formatting the text: Character Specification Paragraph	Understanding	L2	Lecture	**3**
	Setting: Paragraph Specification, Paragraph Rules, Spacing Indents/Tabs. Define Styles	Understanding	L2	Lecture	**3**
	checking, selecting Text, Cut, Copy, Paste,	Understanding	L2	Lecture	**3**
	Multiple, Working with columns.	Understanding	L2	Lecture	**3**
Unit III	Word Processing: Introduction to Office Automation, Creating & Editing Document	Understanding	L2	Lecture	**2**
	Word Processing: Introduction to Office Automation, Creating & Editing Document	Understanding	L2	Lecture	**2**

	Formatting Document, Auto-text, Autocorrect, Spelling and Grammer Tool, Document	Understanding	L2	Lecture	**2**
	Advance Features of Word-Mail merge, Macros,	Understanding	L2	Lecture	**2**
	Tables, File Mariagement, Printing, Styles,	Understanding	L2	Lecture	**2**
	linking and embedding object.	Understanding	L2	Lecture	**2**

Unit IV	Inserting Animated Pictures or Accessing through Object, Inserting REcorded Sound	Understanding	L2	Lecture	**3**
	The work of a system analyst	Understanding	L2	Lecture	**1**
	System design **–**Requirement analysis- Data flow diagram, relationship diagram, design	Understanding	L2	Lecture	**2**
	Presentation using PowerPoint: Presentations, Creating, Manipulating & Enhancing Slides	Understanding	L2	Lecture	**2**
	Database System: Overview of Database	Understanding	L2	Lecture	**1**
	Animations	Understanding	L2	Lecture	**2**
	Inserting REcorded Sound Effect or In-Built Sound Effect.	Understanding	L2	Lecture	**1**

Note:

Teaching Type	**Level**	**Method**
Memory level	L1	Drill, Review and Revision and Asking the question
Understanding level	L2	Lecture method, lecture demonstration method, discussion method, inductive and deductive, exemplification and explanation methods
Reflection level	L3	Problem solving method, investigating projects, Heuristic method, Experimental method, Inquiry oriented method, analytic method

Lesson plan 2021-22

Ms. Bhupinder Kaur

Class : B.Sc III (Zoology) 6th sem

Aquaculture and Pest Management Paper I & II

Month	Topic
April 2022	Introduction to world Fisheries Fresh water Fishes of India Fishing Crafts gears Brackish water culture,Fin Fishes, Crustaceans, Molluscs and their Culture Revision,Discussions & Test
May 2022	Introduction to Parasitology. Study of Important Insects Pests of Sugar Cane Study of Important Insects Pests of Cotton Study of Important Insects Pests of Wheat Study of Important Insects Pests of Paddy Study of Important Insects Pests of Vegetables Revision, Discussions &Test
June & July 2022	Fish Seed Production Field feed Techniques of fish culture Managements & marketings of fishes & their products Latest advancements in Aquaculture technologies Study of Important Insects Pests of Stored Grains Biological Control of insects Chemical Control of insects Integrated Pests Management Bird pests & their mgmt Rodent pests & their mgmt Insects Repellants And Attractants Revision, Discussions &Test

28th March 202

Lesson plan 2021-22
Ms. Anjela Gahalayan
Class : B.Sc I (Zoology)
Life & Diversity Paper 1 & 2

Month	Topic
April	General Character And Classification of Annelida Economic Importance of Annelida Type Study – Pheretima Metamerism in Annelida Trochophore Larva General Character And Classification of Arthropoda Biodiversity and economic Importance of Insects Revision& Discussion
May	Study of Grass hopper Elements of heredity and variations Varieties of Gene Interactions Linkage and Recombination Sex Determination and its Mechanisms
June	Revision& Discussion Sex Determination and its Mechanisms Sex Linked inheritance Extra Chromosomal & Cytoplasmic inheritance Practical Preparation Revision& Discussion
July	Practical Work Preparation Revision& Discussion File checking Project checking

Anjela

Gahalayan

Lesson Plan Dept. of Zoology B.Sc. 2nd, Paper 1 & 2 (Sessions 2021-22)

Even semester (April 2021- July 2022)

Name of faculty- Dr. Meenu Mittal

April	Phylum Chordata (introduction, Classification)
	Sub Phylum Urochordata- Characterstics, Classification and Type study- Herdmania
May	Subphylum-Cephalochordata (classification and Identification) type study – Amphioxus
	Class Cyclostomata (Characteristics, Classification type study Petromyzon, Discussion.
	Chondrichthyes- Characteristics , Classification and Test
	Type Study Labeo, Pisces In General
June	Biochemistry (Introduction and Scope)
	Proteins, Revision
	Carbohydrates, Enzymes and Test
	Libides, Revision
July	Biophysics
	Nutrition, Revision
	Muscle Physiology, Test
	Bones and Bones Disorder, Revision

Practical Groups

SESSION 2021 - 22
EVEN SEMESTER

Sr. No.	Class	Groups & Days	Roll No.
1	B.Sc. 1st year	Group II (1,2)	210039011,23,28,30,33,46,52,58,64,65,70,72,75,76, 77,81,84,85,86
		Group I (3,4)	210039005,09,10,16,18,24,29,59,60,69,82,87
2	B.Sc. 2nd year	Group II (1,2)	120107030002,07,18,19,22,30,37,43.46,48,58
		Group III (3,4)	120107030011,14,18,21,26,29,34,39,40,45,49,56,59
		Group I (5,6)	120107030005,10,12,15,35,36,41,44,50,52,54,60,78
3	B.Sc. 3rd year	Group II (3,4)	3012120001,02,08,23,27,32,33 301210003,11,14,18,19,23
		Group I (5,6)	301212004,06,07,09,12,13,14,15,21,22,25,29,30 301210005,08,10,13,20,22,1934604

02/04/2022

H.O.D.
Dept. of Zoology

Company Law - II

Semester Wise Lesson Plan/Syllabus to be covered

Class B. Com **Semester** 4th

Months	Weeks	Topics to be Covered
April	I	Membership in Companies – meaning, Elements, Methods of acquiring membership of a Company.
	II	Termination of membership, object and importance, Index of member, Inspection and closing the Register of member,
	III	Rectification of the Register of members, Rights and Liabilities of members, Annual Return.
	IV	Company Secretary:- meaning, Types, Qualification of Company Secretary.
May	I	Role, appointment, duties, liabilities of a Company Secretary.
	II	Rights and dismissal of company secretary ~~Kinds~~ of meetings (Test)
	III	Authority, notice and agenda, quorum, chairperson and Conduct of meeting, resolutions
	IV	minutes and proxy Dividend, accounts of Company, audit and auditors, Prevention of oppression and mismanagement (Assignment)
June :-	I	Compromise, arrangement, reconstruction and amalgamation, ~~of~~
	II	winding up: meaning, modes of winding up: procedure and Consequences of winding up. (Assignment)
	III	Director: legal position, qualification, appointment, removal, Power, duties and liabilities of directors.
	IV	Managerial remuneration; Key management personnel, managing director, ~~whole time director~~, manager.

It is certified that I have completed the syllabus per the schedule.

Kiran

Signature

Advanced Financial Accounting

Semester Wise Lesson Plan/Syllabus to be covered

Class B. Com Semester 2nd.

Months	weeks	Topics to be Covered
April	I	Characteristics of Partnership, Partnership deed,
	II	Partnership Accounts – Distribution of Profit
	III	Numerical
	IV	Numerical., Admission of a Partner
May	I	Numerical
	II	Numerical, Retirement or Death of a partner. (Assignment)
	III	Numerical.
	IV	Dissolution of Partnership firm, Numerical (test
June	I	Numerical, Hire Purchase System and Instalment Payment System.
	II	Numerical. (Assignment)
	III	Branch Account, Numerical
	IV	Numerical, Revision.

It is certified that I have completed the syllabus per the schedule.

Kiran
Signature

Project Planning and Control.

Semester Wise Lesson Plan/Syllabus to be covered

Class M. Com Semester 4th

Months	weeks	Topics to be Covered
April	I	Investment opportunities :- Project Ideas, screening of Ideas.
	II	Environment screening and opportunity analysis, Government regulatory framework
	III	Market and Demand Analysis :- Information required for market and demand analysis
	IV	Sources of information - primary and Secondary Demand forecasting.
May	I	Technical Analysis :- Materials and inputs, Production technology, Product mix
	II	Plant location and layout, Selection of plant and equipment. (Test)
	III	Cost of Project and means of financing - Major cost components, Means of financing, Planning and Structure, various financial schemes of financial institutions.
	IV	Profitability, Financial Projections and tax considerations. (Assignment)
June	I	Appraisal criteria and appraisal process.
	II	Social Cost Benefit Analysis (Assignment)
	III	Network Techniques for project implementation Monitoring and Control.
	IV	Revision.

It is certified that I have completed the syllabus per the schedule.

Signature

Fundamentals of Insurance.

Semester Wise Lesson Plan/Syllabus to be covered

Class B. Com Semester ~~2nd~~ 6th

Months	Weeks	Topics to be Covered
April	I	Introduction to Insurance :- Life and general Insurance, purpose,
	II	Need and principles of Insurance, insurance as a social security tool, insurance and economic development.
	III	Contract of life Insurance : Principles and practice of life Insurance, parties to the contract, their rights and duties
	IV	Conditions and terms of policy, effects of non-compliance, nominations and assignment practices in Connection with Collection of premium.
May	I	Revivals, loans, surrenders, claims, bonuses and annuity payments, growth of LIC, claims settlement procedure. (Assignment)
	II	Fire Insurance :- Pinciples of fire Insurance Contracts, fire Insurance policy.
	III	Conditions, assignment of policy, claims settlement procedure - (Test)
	IV	Marine Insurance : Marine Insurance Policy, its conditions premium, double Insurance. Assignment of policy, claim.
June	I	Accident and Motor Insurance
	II	Insurance Intermediaries :- Role of agents, procedure
	III	Cancellation of license, revocation, code of conduct
	IV	unfair practices (Revision)

It is certified that I have completed the syllabus per the schedule.

Kiran

Signature

BCA-362: Operating System II

(April 2022 to July 2022)

Mrs. Shailja Kumari
Assistant Professor
Deptt. Of Computer Science

1st april to 9th April

Process Synchronization: The Critical Section Problem - Single Process/Two Process Solutions

11th April to 16th April-

Semaphores - Types. Implementation Deadlocks, Classical Problems

18 April to 23 April

Synchronization - The Bounded Buffer Problem, The Readers and Writers Problem

25 April to 30 April

The Dining Philosophers Problem, Critical Regions, Monitors

1st sessional

Directory Structure: Single Level, Two Level, Tree Structures, Acyclic Graph, General Graph; Directory Implementation, Recovery .**1st Assignment with its Analysis.**

2nd May to 7th May

Disk Structure. Disk Scheduling: FCFS, SSTF, SCAN, C-SCAN, LOOK.Data Migration, Computation Migration, Process migration ,2nd Assignment with its Analysis.

9th May to 14th May

Selection of Disk Scheduling Algorithm; Disk Management; Swap Space Management ,Network Operating Systems: Remote Login, Remote File Transfer; Distributed Operating System,

2nd sessional

16th May to 21 may

Linux: Introduction, Features, Architecture Distributions Accessing Linux System, Login/Logout/Shutting Down, Comparison of Linux with other Operating Systems

23 May to 28th May

Commands in Linux: General-Purpose Commands, File Oriented Commands, Directory Or**iented Commands,** Communication Oriented Commands, Process Oriented Commands, Redirection of Input and Output, Pipes

30th May to 4th June

Linux File System: Types of Files in Linux, File Attributes, Structure of File System, inode, File Permission,

3rd Sessional

File System Components, Disk Related Commands Processes in Linux.

6th June to 11th June

The vi editor: Introduction, Modes , Command . Shell Programming: Introduction, Variables, Keywords, Operators, Assigning Values to the Variables, I/O in Shell, Control Structures, commands Creating & Executing Shell Programs in Linux.

13th June to 18th June

Doubt Session with Quiz competition , Revision from Unit 1st with presentation

20th June to 25th June

Revision from Unit 2nd ,3rd ,4th Unit with presentation

Class- PGDCA (2021-22)

Subject-Problem Solving Using C

Teacher's Name-Ms. Shailja kumari

September :

Programming Fundamentals: Introduction to Compiler, Assembler and Interpreter, Problem definition, Program design, Debugging, algorithms, Structured programming concepts, Programming methodologies - top-down and bottom-up programming.

October:

Importance of C, Structure of a C Program.Elements of C: C character set, identifiers and keywords, Data types, Constants and Variables.

November:

Operators:Arithmetic, relational, logical, bitwise, unary, assignment and conditional operators and their hierarchy & associativity.

December:

Control statements: Sequencing, Selection: if and switch statement; Repetition: for, while, and do-while loop; break, continue, goto.

January :

Storage classes in C: auto, extern, register and static storage class, their scope, storage, & lifetime. Strings: String handling, reading and writing strings, string functions, dynamic strings.

February:

Arrays: Definition, types, initialization, processing an array, passing arrays to functions, dynamic arrays.

March:

Functions: Definition, prototype, passing parameters, function calls, library functions, recursion. Declaration, operations on pointers, pointers and arrays,

April

dynamic memory allocation, pointers and functions, pointers and strings. Structure & Union: Definition, processing, Structure and pointers, passing structures to functions, Union.

May

Input/output: Unformatted & formatted I/O function in C. Revision Work- Solve Previous year paper. Analyze And Discussion of Assignment.

June

Doubt Session with Quiz competition , Revision from Unit 1st with presentation.
Revision from Unit 2nd ,3rd ,4th Unit with presentation

Lesson Plan for session 2021 – 2022

B.A pass course (Ist sem) Introduction to Psychology

Month	Unit	Topic
September	Unit 1	Psychology – History, Emergence of Science
October	Unit 1	Subject matter, Methods of psychology
November	Unit 2	Sensory Processes – visual, Auditory, Perception
December	Unit 3	Emotion Motivation
January	Unit 4	Personality Intelligence
February	Revision	Revision

Lesson Plan for session 2021 – 2022

B.A pass course (3rd sem) Social Psychology

Month	Unit	Topic
September	Unit 1	Introduction – Nature Subject matter
October	Unit 1	Sociometric methods Socialization
November	Unit 2	Group Leadership
December	Unit 3	Attitudes Prejudice
January	Unit 4	Pro-social Behavior Aggression
February	Revision	Revision

Lesson Plan for session 2021 – 2022

B.A pass course (5th sem) Psychopathology

Month	Unit	Topic
September	Unit 1	Concept of Normality Abnormality
October	Unit 1	Models of psychopathology
November	Unit 2	Classification of psychopathology Diagnostic Assessment
December	Unit 3	Anxiety based disorders Substance – Drug Abuse
January	Unit 4	Mood disorders Schizophrenia
February	Revision	Revision

Lesson Plan for session 2021 – 2022

B.A pass course (2nd sem) Experimental Psychology

Month	Unit	Topic
April	Unit 1	Attention Psychophysics
May	Unit 2 Unit 3	Learning Memory
June	Unit 3 Unit 4	Forgetting Problem solving Statistics
July	Revision	Revision

Lesson Plan for session 2021 – 2022

B.A pass course (4th sem) developmental Psychology

Month	Unit	Topic
April	Unit 1	Human Development
May	Unit 2 Unit 3	Pre-natal Development, infancy Childhood
June	Unit 3 Unit 4	Adolescence Adulthood
July	Revision	Revision

Lesson Plan for session 2021 – 2022

B.A pass course (6th sem) Applied Psychology

Month	Unit	Topic
April	Unit 1	Applied Psychology Organisation psychology
May	Unit 2 Unit 3	Guidance Counselling Health psychology
June	Unit 3 Unit 4	Psychological factors in physical illness Forensic Psychology
July	Revision	Revision

Lesson Plan for session 2021 – 2022

B.A Hons. Applied Psychology (Ist sem) Introduction to Psychology

Month	Unit	Topic
September	Unit 1	Nature History of psychology
October	Unit 1	Psychology as science Methods of psychology
November	Unit 2	Schools of psychology Psychoanalysis
December	Unit 3	Emotion Motivation
January	Unit 4	Personality Intelligence
February	Revision	Revision

Lesson Plan for session 2021 – 2022

B.A Hons. Applied Psychology (Ist sem) Social Psychology

Month	Unit	Topic
September	Unit 1	Introduction Methods of study
October	Unit 2	Socialization
November	Unit 2	Social perception
December	Unit 3	Attitude Influence
January	Unit 4	Aggression Application of social psychology
February	Revision	Revision

Lesson Plan for session 2021 – 2022

B.A Hons. Applied Psychology (3rd sem) Developmental Psychology

Month	Unit	Topic
September	Unit 1	Introduction Methods to study development
October	Unit 1	Physical development - patterns of growth
November	Unit 2	Cognitive development Language development
December	Unit 3	Emotional development Moral development
January	Unit 4	Gender stereotype Developmental issues
February	Revision	Revision

Lesson Plan for session 2021 – 2022

B.A Hons. Applied Psychology (3rd sem) Psychological Testing

Month	Unit	Topic
September	Unit 1	Psychological tests
October	Unit 1	Ethical issues
November	Unit 2	Test construction and norms
December	Unit 3	Reliability Validity
January	Unit 4	Intelligence tests Personality tests
February	Revision	Revision

Lesson Plan for session 2021 – 2022

B.A Hons. Applied Psychology (3rd sem) research methodology

Month	Unit	Topic
September	Unit 1	Psychological research
October	Unit 1	Hypothesis
November	Unit 2	Types of research
December	Unit 3	Methods of data collection
January	Unit 4	Research design
February	Revision	Revision

Lesson Plan for session 2021 – 2022

B.A hons. Applied psychology (2nd sem) Elementary statistics

Month	Unit	Topic
April	Unit 1	Introduction Statistics in psychology
May	Unit 2	Organisation of data Frequency distribution Graphical representation
June	Unit 3 Unit 4	Measures of central tendency Normal distribution Correlation
July	Revision	Revision

Lesson Plan for session 2021 – 2022

B.A hons. Applied psychology (2nd sem) Experimental Psychology

Month	Unit	Topic
April	Unit 1	Nature Sensation
May	Unit 1 Unit 2	Perception Perceptual Illusion
June	Unit 3 Unit 4	Leaning Memory
July	Revision	Revision

Lesson Plan for session 2021 – 2022

B.A hons. Applied psychology (4th sem) Cognitive Psychology

Month	Unit	Topic
April	Unit 1	Nature Approaches of cognitive psychology
May	Unit 2 Unit 3	Methods to study cognition Attention Thinking
June	Unit 3 Unit 4	Problem solving Language and reasoning
July	Revision	Revision

Lesson Plan for session 2021 – 2022

B.A hons. Applied psychology (4th sem) Physiological Psychology

Month	Unit	Topic
April	Unit 1	Nature Methods of study Biological basis
May	Unit 2 Unit 3	Central nervous system Neuropsychological testing Hormones and behaviour
June	Unit 3 Unit 4	Motivation and emotion Physiological mechanisms Psychophysiology of sleep
July	Revision	Revision

Lesson Plan for session 2021 – 2022

B.A hons. Applied psychology (4th sem) Psychology of Individual Differences

Month	Unit	Topic
April	Unit 1	Nature Personality and perspective
May	Unit 2	Intelligence Approaches to intelligence
June	Unit 3 Unit 4	Creativity Enhancing individual potential
July	Revision	Revision

Lesson Plan for session 2021 – 2022

M.A Psychology (3rd sem) Psychopathology

Month	Unit	Topic
September	Unit 1	Meaning and approaches
October	Unit 1	Classification of Abnormal Behaviour (DSM, ICD)
November	Unit 2	Clinical Patterns of Anxiety based disorder
December	Unit 3	Clinical patterns of Schizophrenia, mood disorder, delusional, organic mental disorder and substance related
January	Unit 4	Clinical patterns of psychophysical disorders and childhood disorders
February	Revision	Revision

Lesson Plan for session 2021 – 2022

M.A Psychology (3rd sem) Industrial Organizational Psychology

Month	Unit	Topic
September	Unit 1	Introduction and behaviour in organisations
October	Unit 2	Job analysis Personnel selection Personnel training
November	Unit 3	Job and work environment Human performance
December	Unit 3 Unit 4	Evaluation and appraisal Work related attitudes
January	Unit 4	Organizational commitments Work motivation
February	Revision	Revision

Lesson Plan for session 2021 – 2022

M.A Psychology (3rd sem) Principles and Application of guidance

Month	Unit	Topic
September	Unit 1	Guidance Guidance services
October	Unit 1 Unit 2	Role of teachers in school guidance Assessment in guidance
November	Unit 2	Psychological tests School testing programme
December	Unit 3	Group guidance Techniques of group guidance Vocational guidance
January	Unit 4	Educational guidance Personal guidance Guidance personnel
February	Revision	Revision

Lesson Plan for session 2021 – 2022

M.A Psychology (3rd sem) Life Span Human Development

Month	Unit	Topic
September	Unit 1	Human development
October	Unit 1	Genetic and environmental foundations of development
November	Unit 2	Methods of study Approaches of development
December	Unit 3	Prenatal development Postnatal development
January	Unit 4	Physical development Motor development
February	Revision	Revision

Lesson Plan for session 2021 – 2022

M.A Psychology (4th sem) Clinical Psychology

Month	Unit	Topic
April	Unit 1	Nature Professional issues
May	Unit 2 Unit 3	Clinical Assessment Psychological tests Clinical intervention Psychoanalysis Behaviour therapy Hypnosis and biofeedback
June	Unit 4	Clinical intervention Chemotherapy ECT
July	Revision	Revision

Lesson Plan for session 2021 – 2022

M.A Psychology (4th sem) Industrial Organizational Psychology

Month	Unit	Topic
April	Unit 1	Organisational structure Organizational culture
May	Unit 2 Unit 3	Communication Decision making Group dynamics and teams Leadership
June	 Unit 4	Organizational conflict Organizational change and development
July	Revision	Revision

Lesson Plan for session 2021 – 2022

M.A Psychology (4th sem) Principles and Application of Counselling

Month	Unit	Topic
April	Unit 1	Counselling Counselling process
May	Unit 2 Unit 3	Counselling techniques assessment in counselling Counselling and Psychotherapies Organizations & mental health settings
June	Unit 4	Counselling application Ethical and legal issues in counselling practice
July	Revision	Revision

Lesson Plan for session 2021 – 2022

M.A Psychology (4th sem) Life Span Human Development

Month	Unit	Topic
April	Unit 1	Cognitive development Language development Emotional development
May	Unit 2 Unit 3	Development of self Sex role development Transition from childhood to adolescence Ecology of development
June	Unit 4	Problems of aging Psychological issues
July	Revision	Revision

Lesson Plan for session 2021 – 2022

M.A Psychology (1st sem) Systems and Theories

Month	Unit	Topic
January	Unit 1	Psychology as science
		Schools
	Unit 2	Functionalism
		Behaviourism
February	Unit 2	Gestalt psychology
	Unit 3	Psychoanalysis
		Individual psychology
		Analytic psychology
March	Unit 4	Field theory
		S-R theory

Lesson Plan for session 2021 – 2022

M.A Psychology (1st sem) Experimental Psychology

Month	Unit	Topic
January	Unit 1	Nature
		Sensory processes
	Unit 2	Perception
February	Unit 2	Perceptual constancy
	Unit 3	Psychophysics
		Signal detection theory
March	Unit 4	Learning
		Nature and theories

Lesson Plan for session 2021 – 2022

M.A Psychology (1st sem) Social Psychology

Month	Unit	Topic
January	Unit 1	Nature and methods
	Unit 2	Socialization
February	Unit 2	The self
	Unit 3	Social perception
		Social cognition
March	Unit 4	Attitude
		Prejudice and discrimination

Lesson Plan for session 2021 – 2022

M.A Psychology (1st sem) Research methods and statistics

Month	Unit	Topic
January	Unit 1	Psychological research Hypothesis and variables
	Unit 2	Types of research
February	Unit 3	Normal probability curve Hypothesis testing Correlation
March	Unit 4	Methods of correlation

Lesson Plan for session 2021 – 2022

M.A Psychology (2nd sem) Physiological Psychology

Month	Unit	Topic
April	Unit 1	Nature and scope Methods of study
May	Unit 2 Unit 3	Neurons Central nervous system Motivation and Emotions
June	 Unit 4	Electrophysiological mechanisms of learning and memory Sleep
July	Revision	Revision

Lesson Plan for session 2021 – 2022

M.A Psychology (2nd sem) Cognitive Psychology

Month	Unit	Topic
April	Unit 1	History and scope Methods of study
May	Unit 2 Unit 3	Attention Pattern recognition Memory & Eye witness testimony
June	 Unit 4	Language Thinking and problem solving
July	Revision	Revision

Lesson Plan for session 2021 – 2022

M.A Psychology (2nd sem) Social Psychology

Month	Unit	Topic
April	Unit 1	Group Dynamics Group norms
May	Unit 2 Unit 3	Leadership Social influence Interpersonal relationship and Interpersonal influence
June	 Unit 4	Prosocial behaviour Anti-social behaviour
July	Revision	Revision

Lesson Plan for session 2021 – 2022

M.A Psychology (2nd sem) Research methods and Statistics

Month	Unit	Topic
April	Unit 1	Research design Quasi experimental designs
May	Unit 2 Unit 3	Sampling Data collection techniques Analysis of variance Regression prediction
June	Unit 4	Non parametric statistics
July	Revision	Revision

Semester Wise Lesson Plan/Syllabus to be covered

Class B.com 2nd yr. 4th Sem Semester Business law - II

April -

Negotiable Act 1881: Scope, features and types: Negotiation, crossing, Dishonour and discharge of negotiable instruments

Indian Partnership Act, 1932: Nature of firm, duties and rights of partners, relations of partners to third parties, liabilities of firm and partner, minor, reconstitution of partnership firm, dissolution of a firm and consequences, settlement of accounts, registration of firms, effect of non-registration.

May -

Limited Liability Partnership Act, 2008: Meaning, characteristics of limited liability partnership, incorporation of LLP, partners and their liability of LLP and partners, accounts audit and taxation of LLP, conversation to LLP from firm / private company, unlisted public company, winding and dissolution of LLP.

June -

Information Technology Act 2000: Purpose, digital signature, electronic governance, attribution, acknowledgement & dispatch of electronic records, certifying digital Signature, Penalties and other provisions.

It is certified that I have completed the syllabus per the schedule.

RTI Act 2005: Important provisions.

Revisions & Tests.

Signature

Semester Wise Lesson Plan/Syllabus to be covered

Class B.com final 6th Sem Semester Human Resource Management

April

Human Resource Management – Meaning, Nature, History & Scope, objectives, functions, Importance: HRM Vs HRD and personal management.

Human Resource Planning: Meaning, Importance, objective, process, factors affecting, manpower planning, problems and suggestions for making HR planning effective.

Job Analysis: Meaning, Process of job analysis methods of collecting job analysis data, potential problems with job analysis, job description and job specification.

May –

Recruitment: Meaning, purpose, recruitment policy, factors affecting recruitment, source of recruitment, internal and external methods of recruitment, Selection: meaning, purpose, difference b/w recruitment and selection, process of selection, barriers to effective selection.

Placement, Induction & Internal Mobility:

Placement: induction /orientation, meaning, objectives, content and responsibility for Induction, Internal mobility: meaning and need, transfer, purpose, types, benefits and problems, transfer policy, promotion, purpose, basis, promotion policy, demotion causes, demotion policy.

It is certified that I have completed the syllabus per the schedule.

Signature

June –

Training – training and education, training and development, objectives, importance, steps in designing training programme, training methods, on-the job & off the job methods.

Performance Appraisal – Meaning, features, merits, limitations, process & methods of performance appraisal. Perception & Tests

Semester Wise Lesson Plan/Syllabus to be covered

Class B.Com Final 6th Sem Semester Business Environment

April

Business Environment: Concept, components and importance: environmental scanning, Concept & importance and techniques: Organisational Scanning: concept, importance & technique, Public, private & joint sectors in India.

Economic systems: Capitalist, Socialist & Mixed Economy.

May -

Economic Planning in India: Achievement & failures, planning machinery in India.

Role of Government: Monetary policy, fiscal policy make in India.

Foreign Investment: Concept, need, types & barriers, multinational corporations in India.

globalisation of Indian Business, Competition Act, Foreign Exchange Management Act.

June -

Foreign Exchange Market: An overview.

Revision & Tests

It is certified that I have completed the syllabus per the schedule.

Signature

Semester Wise Lesson Plan/Syllabus to be covered

April Class M.com Previous 2nd Sem. Semester Financial Management & Policy.

Financial Management - Nature, significance, objectives & scope of financial management, functions of finance executive in an organisation, Time value of money & recent developments in financial management.

Financial Planning & forcasting - Need & importance of financial planning, financial planning process, drafting a financial plan, financial forcasting, meaning, benefits & techniques of financial forcasting, Source of finance.

May

Cost of Capital: Significance, Computation of cost of capital including CAPM, problems in computation of cost of capital.

Working Capital Management & Control: Need, Types & determinants, assessment of working capital requirements, Management of Cash, marketable Securities & receivables, financing of working Capital - banking norms.

June

Capital Budgeting Decisions: Nature & importance, factors influencing capital expenditure decisions, capital budgeting process, evaluation criteria & capital budgeting techniques, risk analysis, capital expenditure control.

It is certified that I have completed the syllabus per the schedule.

Revision & Tests

Signature

Semester Wise Lesson Plan/Syllabus to be covered

Class B.Com 1st (2nd Sem) Semester Business Envt. Of Haryana.

April

Haryana Economy: Nature, Characteristics and problems, Concept of Economic Development state of Haryana Economy since its inception: Income, population, health and nutrition & Declining Sex Ratio.

Haryana Agriculture: Nature, Cropping Pattern, Role of Agriculture in Haryana Economy Measures for Development in Agriculture, Crop Insurance.

May -

Agriculture Credit: Agriculture finance, Types of Agriculture finance, Credit Needs of Farmers, Sources of Credit, Institutional & Non — Institutional Sources, NABARD, Rural Indebtness, causes, Consequences & Debt Relief Measures.

Micro, Small & Medium Enterprises (MSME) in Haryana: Meaning, Role, Performance & Challanges, SEZ, Growth of MNCs in Haryana, Role of HSIIDC, HFC, HAFED, HKVIB.

June

Haryana Budget: Objective & policies, Source of Revenue & its Utilization.

It is certified that I have completed the syllabus per the schedule.

Kernan & Rests

Signature

Semester Wise Lesson Plan/Syllabus to be covered

Class B.COM Ist Semester IInd.

Month / week.	Topics.
April WK1	Partnership A/C, characteristics, P. Deed Fixed and Fluctuating Capital A/C, Distribution of Profits.
week 2	Goodwill: meaning, need for valuation, methods of valuation of G/W
week 3	Revaluation of Assets & Liabilities, treatment of Reserves and accumulated P&L.
week 4.	Retirement of Partner, Calculation of gaining ratio, Accounting Treatment of Goodwill
May week 1	Death of Partner, Dissolution of Partnership and partnership firm Cases of Dissolution of Partnership and firm
week 2	Accounting treatment in case of dissolution Realisation account and Revaluation (Diff).
week 3 & 4	Numericals
June (WK1)	Hire Purchase, legal Provisions
(WK2)	Sale of Assets, Numericals.
week 3	Branch A/C
week 4.	Goods In Transit, Numericals.

Semester Wise Lesson Plan/Syllabus to be covered

Class M.COM I Semester II

April

I (WK1) Concept of strategies, hierarchy of strategies
(WK2) strategic Role of Marketing, SM Planning Process
(WK3) Marketing Plan, Corporate Mission, vision, Goals AS I
(WK4) Corporate Growth strategies, Business strategies

May WK II
① Environmental Analysis Presentation
WK ② Customers environmental Analysis
WK ③ Market segmentation, targeting, Positioning

May WK 4
III ① Marketing strategies for new market entries AS II
② _____ for Growth Markets
June WK1 ③ _____ for Mature Markets & Declining Mar

IV ① Relationship b/w business strategies and Marketing
June WK2 Mix
June ② Marketing strategy Implementation CT
WK3 ③ controlling Marketing strategies.

June week 4 → Revision.

Semester Wise Lesson Plan/Syllabus to be covered

Class B.COM III Semester 6th

Income Tax

April WK1 Deductions under sec 80C to 80U, Rebate & Reliefs.

week 2 Computation of total Income & Tax Liability of Individual and HUF

week 3 Computation of Total Income and Tax Liability
week 4 of a firm; class Test 1

May WK1 TDS, Advance Payment of Tax

WK 2 Income Tax Authorities and their powers.

WK 3 Assessment and types of Return

WK 4 Procedure of filing e-return and revised returns, Assignment 1

June WK1 Recovery of tax, Refund of Tax

WK 2 Penalties and Prosecutions, Appeals and revisions

Session (2021-22) Mathematics

Tentative Lesson Plan for BA/BSc I

Paper : Ordinary Differential Equations

April :- Geometrical meaning of a differential equation. Exact differential equations, Integrating factor First order higher degree equations solvable for x, y, p. Lagrange's Equations. clairaut's equations. Equations reducible to clairaut's form. Singular solutions

May :- Orthogonal trajectories in cartesian coordinates and polar coordinates. Self Orthogonal family of curves. Linear Differential Equations with constant coefficients. Homogenous linear Ordinary differential equations Equations reducible to homogenous.

June :- Linear Differential equations of second order. Reduction to Normal form. Transformation of the equation by changing the dependent variable. Solutions by operators of non-homogenous L.D.E. Reduction of order of a DE. Method of variations of parameters. Method of undetermined coefficients

July :- Ordinary Simultaneous D.E. Total D.E. General method of solving $Pdx + Qdy + Rdz = 0$

Neelam Rohilla

Session (2021-22)

Business Mathematics

Tentative Lesson Plan for B Com II Ind Semester

April - Liner Inequalities in two Variables
Linear Programming.

May - Data - Introduction, Classification and
Tabulation.
Diagrammatic Representation of Data.

June - Graphical Representation of Data
Data Interpretation.

July - Permutations and Combinations
Binomial Theorem.

Neelam Rohilla

Session (2021-22)

Mathematical Foundations

Tentative Lesson Plan for BCA - IInd Semester.

April - Matrices. Rank of Matrix.

May - Application of Matrices to solution of System of Linear Equations

June - Logical Statements and Truth Tables
Principle of Mathematical Induction.

July - Groups
Rings, Fields and Ideals.

Neelam Rohilla

[illegible]

Paper - Hindi

Class	Ist year	IInd year	IIIrd year	B.Sc. IInd year
April	ध्रुवस्वामिनी 'नाटक' का पाठन नाटक का प्रतिपाद्य नाटक की पात्र योजना नाटक की अभिनेयता प्रसाद की नाट्यकला	विवाह, पुरस्कार, गैंग्रीन, मतलबी का मालिक, आधुनिक काल: परिस्थिति हिन्दी उपन्यास: उद्भव विकास हिन्दी कहानी: उद्भव विकास	आशा का अन्त उत्साह देवदारु गिल्लू मेरे राम का मुकुट भीग रहा है।	औरंगजेब की आखिरी रात लक्ष्मी का स्वागत रीढ़ की हड्डी बसंत का नाटक
May	भक्तिकाल की परिस्थिति संत काव्य सूफी काव्य रामकाव्य कृष्ण काव्य भक्तिकाल: स्वर्णयुग	ठेस, फैसला, पच्चीस चौका डेढ़ सौ हिन्दी नाटक: उद्भव विकास हिन्दी निबंध: उद्भव विकास	सदाचार का ताबीज तिब्बत के पथ पर हरियाणवी भाषा: उद्भव विकास प्रमुख बोलियाँ, लोक परंपरा कविता, उपन्यास, कहानी नाट्य साहित्य	संस्कार और भावना बहुत बड़ा सवाल विज्ञान और पर्यावरण कम्प्यूटर और इंटरनेट
June	भाषा की परिभाषा भाषा के विविध रूप बोली, मानक भाषा राजभाषा, राष्ट्रभाषा मातृभाषा मानक भाषा, वर्तनी वर्णमाला	पारिभाषिक शब्दावली स्वरूप, महत्व, गुण निर्माण में सक्रिय विभिन्न संप्रदाय	पत्रकारिता स्वरूप, प्रकार सम्पादक के गुण, दायित्व स्वतंत्र प्रेस की अवधारणा शीर्षक, फीचर दोहराई	शिक्षा और राजनीति अर्धसरकारी पत्र नोट लेखन वैज्ञानिक शब्दावली
July	दोहराई	दोहराई		दोहराई

Neelam
13/5/22

Lesson Plan (April 2021 - July2021)

Name of Assistant Professor: Ms. Meenakshi Nirman
Subject: Inorganic Chemistry
Class: B.Sc. II (IV SEM)

S.N	Month	Week	Topic
1.	April	I	Introduction to Chemistry of f-block elements, Introduction to Lanthanide
		II	Lanthanides: Electronic structure, oxidation states,
		III	Ionic radii and Lanthanides contraction
		IV	Complex formation
		V	Occurrence and isolation of Lanthanides
2.	May	I	Isolation of Lanthanides
		II	Lanthanide compounds
		III	Actinides: General features and chemistry of actinides
		IV	Chemistry of separation of Np, Pu, and Am from U,
		V	Chemistry of separation of Np, Pu, and Am from U,
3.	June	I	Comparison of properties of Lanthanides and Actinides and with transition elements
		II	Theory of qualitative and quantitative analysis-1
		III	Chemistry of analysis of various acidic radicals

4.	June July	IV V I II III IV	Chemistry of identification of acid radicals in typical combination, Chemistry of analysis of various basic radicals Chemistry of interference of acid radicals including their removal in the analysis of basic radicals Common ion effect, solubility product Theory of precipitation, theory of post-precipitation Purification of precipitation

Lesson Plan (April 2021 - July2021)

Name of Assistant Professor: Ms. Meenakshi Nirman

Subject: Inorganic Chemistry

Class: B.Sc. I (II SEM)

S.N	Month	Week	Topic
1.	April	I	Hydrogen Bonding, Vander Waal's forces, Metallic Bonds, Semiconductors
		II	S-Block elements, Comparative study of the elements including diagonal relationship Anomalous behaviour of Lithium and Berylium compared to other elements in the same group,
		III	Salient features of hydrides, oxides halides, hydroxides
		IV	Behaviour of solution in liquid ammonia, Introduction to Chemistry of noble gases, general physical properties
		V	Low chemical reactivity, chemistry of xenon, Structure and bonding in fluorides
2.	May	I	Structure and bonding in Oxides and oxyflourides of xenon
		II	P-block elements, electronic configuration, atomic and ionic size definition, methods of determination or evaluation, trend in periodic table (in s and p-block elements)
		III	Metallic character, melting point, ionization energy,
		IV	Electron affinity, electronegativity, inert pair effect, and diagonal relationship Boron family: Diborane: preparation, properties and structure
		V	Diborane structure, Structure and bonding in fluorides
3.	June	I	Borazine: chemical properties and structure
		II	Relative strength of trihalides of Boron as Lewis acids, structure of aluminium chloride
		III	Carbon family and Nitrogen family: Catenation, carbides, fluorocarbons, silicates Oxides:

4.	June	IV	Structure of oxides of nitrogen and phosphorus, oxyacids
		V	Structure and relative strength of oxy acids of nitrogen
	July	I	Structure and relative strength of oxy acids of phosphorus
		II	Structure of white and red phosphorus
		III	Halogen Family: interhalogen compounds: properties and structure
		IV	Hydra and oxy acids of chlorine- structure and comparison of acid strength Cationic nature of iodine

Lesson Plan (April 2021 - July2021)

Name of Assistant Professor: Ms. Meenakshi Nirman
Subject: Inorganic Chemistry
Class: B.Sc. III (VI SEM)

S.N	Month	Week	Topic
1.	April	I	Introduction to Acid Bases: Different concepts of acid and bases
		II	Arrhenius, Bronsted-Lowry concepts of acids and bases
		III	Solvent system and Lewis concept of acids and bases
		IV	Relative strength of acids and bases
		V	Leveling solvents
2.	May	I	Hard and soft acids and Bases,
		II	Applications of HSAB principle
		III	Organometallic compounds -Classification,
		IV	Nomenclature Organometallic compounds,
		V	Nature of bonding,
3.	June	I	Metal carbonyl- Bonding and nomenclature
		II	Bioinorganic chemistry: role of metal ions in biological system,
		III	Metalloporphyrin, nitrogen fixation, uses

	June	IV	Silicones: Classification,
		V	Nomenclature, Nature of bonding
	July	I	Phosphozenes: Classification, Nomenclature, Nature of bonding, uses
		II	Phosphozenes: Classification, Nomenclature, Nature of bonding, uses
		III	Phosphozenes: Classification, Nomenclature, Nature of bonding, uses
		IV	Phosphozenes: Classification, Nomenclature, Nature of bonding, uses

Lesson Plan (April 2021 - July2021)

Name of Assistant Professor: Ms. Meenakshi Nirman
Subject: Organic Chemistry
Class: B.Sc. II (IV SEM)

S.N	Month	Week	Topic
1.	April	I	Introduction to Infrared (IR) absorption spectroscopy
		II	Molecular vibrations, Hooke's law,
		III	Selection rules, intensity and position of IR bands,
		IV	Measurement of IR spectrum, fingerprint region, characteristic absorptions of various functional groups and interpretation of IR spectra of simple organic compounds.
		V	Applications of IR spectroscopy in structure elucidation of simple organic compounds.
2.	May	I	Amines Structure and nomenclature of amines, physical properties.
		II	Separation of a mixture of primary, secondary and tertiary amines. Structural features affecting basicity of amines.
		III	Preparation of alkyl and aryl amines (reduction of nitro compounds, nitriles, reductive amination of aldehydic and ketonic compounds.
		IV	Gabrielphthalimide reaction, Hofmann bromamide reaction. Electrophilic aromatic substitution in aryl amines, reactions of amines with nitrous acid.
		V	Diazonium Salts Mechanism of diazotisation, structure of benzene diazonium chloride, Replacement of diazo group by H, OH, F, Cl, Br, I, NO2 and CN groups, reduction of diazonium salts to hyrazines, coupling reaction and its synthetic application.
3.	June	I	Aldehydes and Ketones Nomenclature and structure of the carbonyl group.
		II	Synthesis of aldehydes and ketones with particular reference to the synthesis of aldehydes from acid chlorides,

4.	June July	III IV V I II III IV	Advantage of oxidation of alcohols with chromium trioxide (Sarett reagent) pyridinium chlorochromate (PCC) and pyridinium dichromate. Physical properties, Comparison of reactivities of aldehydes and ketones. Mechanism of nucleophilic additions to carbonyl group with particular emphasis on benzoin, aldol, Perkin and Knoevenagel condensations. Condensation with ammonia and its derivatives. Wittig reaction. Mannich reaction. Oxidation of aldehydes, Baeyer– Villiger oxidation of ketones, Cannizzaro reaction. MPV, Clemmensen, WolffKishner, LiAlH4 and NaBH4 reductions.

Semester Wise Lesson Plan/Syllabus to be covered

Class M.A. II Semester ~~4th~~ – Paper-20th

Session - April, 2022 – July - 2022

APRIL	1-7	– Disarmament, Preventive Diplomacy
	8-14	– Grand Debate, Tousteeship,
	15-21	– Functional Approaches to Peace
	22-28	– world order models – CLARK SOHN
	29 to 5 MAY	– Richard Falk, Marxism.
MAY	6-12	– Mahatma Gandhi & Rajni Kothari
	13-19	– International Crisis – Korean
	20-26	– Arab-Israel,
	27-2 June	– Kashmir & Iraq
JUNE	3-9	– Human Rights, Environment
	10-16	– Gender & Terrorism
	17-23	– Revision of UN charter
	24-30	– Assessment of UN. System
JULY	1-7	– Revision
	8-14	– do –
	15-21	– do –

It is certified that I have completed the syllabus per the schedule.

Paper – 20th International Organisation and Global order Studies – II

Signature

Semester Wise Lesson Plan/Syllabus to be covered

Class M.A. I Semester 2nd - Paper - 8th

SESSION - April 1, 2022 To July 19, 2022

	DATES	
APRIL	1 – 7	Cold war, Detente, End of Cold War
	8 – 14	Emerging world order, Theories of Globalization
	15 – 21	Environment Politics, conferences,
	22 – 28	issues & challenges.
	29 – 5 May	Human Rights, Concept, Sources & problems
MAY	6 – 12	Gender issues, Theories, conferences,
	13 – 19	Impact of Globalization.
	20 – 26	Nationalism, Debates & issues
	27 – 2 June	Ethnicity, International terrorism.
JUNE	3 – 9	Neo-Imperialism, Politics of NAFTA.
	10 – 16	Regionalism, Integration,
	17 – 23	EU - ASEAN - SAARC
	24 – 30	NIEO - NAM
JULY	1 – 7	Revision
	8 – 14	- do -
	15 – 21	- do -

It is certified that I have completed the syllabus per the schedule.

Paper - 8th - International Relations - Issues.

Signature

Semester Wise Lesson Plan/Syllabus to be covered

Class M.A. II Semester 4th - Paper - 18th

SESSION - April 1, 2022 To July 15, 2022.

DATES	
APRIL 1-7	Relations with - China
8-14	- - Pakistan
15-21	Bangladesh - Bhutan
22-28	SRILANKA - Nepal
29-5 May	Latest Position -
MAY 6-12	SAARC
13-19	ASEAN
20-26	NAM.
27-2 June	U.N.
JUNE 3-9	Defence & Nuclear
10-16	HUMAN Rights
17-23	CROSS Border. Terrorism
24-30	Environmental Position Assessment of Foreign Policy.
JULY 1-7	Revision
8-14	-do-
15-21	-do-

It is certified that I have completed the syllabus per the schedule.

Paper - 18th India's Foreign Policy & Relations - II

Signature

LESSON PLAN (2021-22)

B.COM. VI SEM.

INCOME TAX II (BC – 604)

April	WEEK I – Deductions in computing Total Income (80 C to 80 U) WEEK II – Computation of Total Income & Tax Liability (Individual & HUF) WEEK III – Computation of Total Income and Tax Liability (Firm) WEEK IV – Deduction & Collection of Tax at Source.
May	WEEK I – Income Tax Authorities & Powers, Advance Payment of Tax WEEK II – Procedure for Assessment, Different Types of Returns WEEK III – Procedure Of Filing e-return & revised return. WEEK IV – Recovery & Refund of Tax.
June	WEEK I – Penalty & Prosecutions, Appeals & Revision. WEEK II – Revision.

B.COM. IV SEM.

BUSINESS LAW - II (BC – 403)

April	WEEK I – Negotiable Instruments Act, 1881 WEEK II – Negotiable Instruments Act, 1881 WEEK III - Negotiable Instruments Act, 1882; Indian Partnership Act, 1932

	WEEK IV – Indian Partnership Act, 1932
May	WEEK I – Indian Partnership Act, 1932 WEEK II – Limited Liability Partnership Act, 2008 WEEK III – Limited Liability Partnership Act, 2008 WEEK IV – Limited Liability Partnership Act, 2008; Information Technology Act, 2000
June	WEEK I - Information Technology Act, 2000 WEEK II – Right to Information Act, 2005 WEEK III – Right to Information Act, 2005; Revision WEEK IV – Revision.

M.COM. II SEM.

FINANCIAL MANAGEMENT & POLICY (MC – 204)

April	WEEK I – Financial Management – Nature, significance, objectives, scope, Functions of finance executives. WEEK II – Time Value of Money, Recent Development. WEEK III – Financial Planning. WEEK IV – Financial Forecasting, Sources of Finance.
May	WEEK I – Cost of Capital : significance, computation. WEEK II – CAPM WEEK III – Working Capital – need, types, determinants, assessment of requirement. WEEK IV – Management of cash, Marketable securities and receivables.
June	WEEK I – Financing of working capital, Banking norms. WEEK II – Capital budgeting – nature, importance,

	factors, process. Capital expenditure control. WEEK III – Capital budgeting – evaluation criteria & risk analysis. WEEK IV – Revision.

Lesson Plan
M.A. (Previous) 2nd Semester
Medieval Societies

Teaching Term - 01.04.2022 to 19.07.2022

01.04.2022 to 07.04.2022 U.I. Arabia before Islam - Political, Socio Religious and Economic Conditions.

08.04.2022 to 14.04.2022 U.I. Rise of Islam

15.04.2022 to 21.04.2022 U.I. Islam as a Socio Religious System

22.04.2022 to 28.04.2022 U.I Relations with Arab Tribes, Jews and Christians

29.04.2022 to 05.05.2022 U.II Evolution of Islamic state from the Pious Caliphs to the Abbasids

06.05.2022 to 12.05.2022 U.II Society and Economy under the Prophet

13.05.2022 to 19.05.2022 U.II. Society and Economy under the Caliphs.

1.05.2022 to 26.05.2022	U. III. The Arab Empire
27.05.2022 to 02.06.2022	U. III. Growth of Art & Architecture
03.06.2022 to 09.06.2022	U. III - Intellectual Contribution - Language & Literature
10.06.2022 to 16.06.2022	U. III. Intellectual Contribution - Sciences.
17.06.2022 to 23.06.2022	U. IV. Advent of Islam in India
24.06.2022 to 30.06.2022	U - IV - Advent of Islam in India - Its Impact
01.07.2022 to 07.07.2022	U. IV - Advice of Delhi Sultanate
07.07.2022 to 13.07.2022	U IV - Administrative set up of Delhi Sultanate.
14.07.2022 to 19.07.2022	Revision.

Lesson Plan
M.A. (Previous) 2nd Semester
History of Modern Japan.

Teaching Term – 01.04.2022 to 19.07.2022

1.04.2022 to 7.04.2022	U.I	The Period of Transition
8.04.2022 to 14.04.2022	U.I	Japan in the 19th C.
15.04.2022 to 21.04.2022	U.I	Western Contact and its Implications.
22.04.2022 to 28.04.2022	U.I	Circumstances leading to the Meiji Restoration
29.04.2022 to 05.05.2022	U.II	The Meiji Era Meiji Restoration – Nature and Significance
06.05.2022 to 12.05.2022	U.II	Political Reforms
13.05.2022 to 19.05.2022	U.II	Educational and Social Restructuring

05.2022 to .05.2022 — U. II. Economic and Industrial Transformation

17.05.2022 to 02.06.2022 — U. III. Failure of Democracy.

03.06.2022 to 09.06.2022 — U. III. Political Party System and its Drawbacks

10.06.2022 to 16.06.2022 — U. III. Growth of Militarism Expansion and Aggression

17.06.2022 to 23.06.2022 — U. III. Japan and World War - II.

24.06.2022 to 30.06.2022 — U. IV. Post War Japan - Disarmament and Demilitarization

01.07.2022 to 7.07.2022 — U - IV. Democratization - New Political System

07.07.2022 to 13.07.2022 — U. IV. Economic and Industrial Remodeling up to 1960.

14.07.2022 to — U. IV. Social and Educational Remodeling up to 1960.

Lesson Plan
M. A. (Final) 4th Semester
Business History of India
1200 – 1947.

Teaching term – 01.04.2022 to 19.07.2022

01.04.2022 to 07.04.2022 U.I Business in Pre-Colonial India: Caste and Business Communities.

08.04.2022 to 14.04.2022 U-I Trade and Commerce – Internal and External Important Trade Centres

15.04.2022 to 21.04.2022 U-I Credit and Indigenous Banking System –

22.04.2022 to 28.04.2022 V.I Potentialities of Capital Growth

29.04.2022 to 05.05.2022 V.II European Trading Interests in India upto 1757.

06.05.2022 to 12.05.2022 V.II Trade during 1757 – 1833 British Private Trade in India in the 18th c

13.05.2022 to 19.05.2022 V.II Role of European Agency Houses during 1793 – 1848

20.05.2022 to 26.05.2022 U.II Indegenous Bankers during 1800-1850 C. Origin and growth of Managing Agency system

27.05.2022 to 02.06.2022 U.III Expansion of Trade and Business - Railway, Roads and telegraphs - their impact on Business and trade.

03.06.2022 to 09.06.2022 U.III British Monetary Policy and Emergence of modern Banking System - Impact on Business and Trade.

10.06.2022 to 16.06.2022 U.III European Chambers of Commerce - Their Business Interests in India.

17.06.2022 to 23.06.2022 U.IV Rise of Indian Industrial Houses with ref. to Tata

24.06.2022 to 30.06.2022 U.IV Foundings of Indian Chamber of Commerce

01.07.2022 to 07.07.2022 U-IV Conflict between British and Indian Business Interests and its impact on Indian Politics.

07.07.2022 to 13.07.2022 U+IV Nehruian Planning Committee and the Bombay Plan

14.07.2022 to 19.07.2022 Revision

Lesson Plan

M A (Final) 4th Semester

Republic of India 1947-1964

Teaching Term - 01.04.2022 to 19.07.2022

01.04.2022 to 07.04.2022	U.I	Independence - Partition and Rehabilitation of the Displaced People.
08.04.2022 to 14.04.2022	U.I	Making of the Republican constitution and its characteristics
15.04.2022 to 21.04.2022	U.I	Problem of Kashmir Integration of the Princely States
22.04.2022 to 28.04.2022	U.I	Linguistic Reorganization of States
29.04.2022 to 05.05.2022	U.II	Economic Planning Social legislation
06.05.2022 to 12.05.2022		Hindu Code Bill and its corollary Acts.
13.05.2012 to 19.05.2012		Law for Scheduled castes and Scheduled Tribes

20.05.2022 to 26.05.2022	Socio-Eco. Change in Urban and Rural India
27.05.2022 to 02.06.2022	Foreign policy — India
03.06.2022 to 09.06.2022	Relations with Pakistan & Relations with China
10.06.2022 to 16.06.2022	Relations with USSR. & Relations with U.S.A
17.06.2022 to 23.06.2022	Non-Aligned Movement.
24.06.2022 to 30.06.2022	Growth of the Indian Parliamentary Democracy National Political Parties
01.07.2022 to 07.07.2022	Electoral Politics at National Level
07.07.2022 to 13.07.2022	Centre State Relations Democratic Decentralization
14.07.2022 to 19.07.2022	Revision

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Savita Rana
58 minutes ago

Session 2021 - 2022 Political Science
Paper : Indian Govt. and Politics.
Tentative Lesson Plan.

Month	Topics
April	Historical Dimensions of Political Culture, Dominant Values and Traditions.
May	Party System in India - National and Regional Political Parties. Anti Defection Law, Coalition Politics.
June	Political Economy Dimensions - Politics of Economic Development. Electoral Reforms.
July	Impact of Caste, Religion, Regionalism Language Weaker Section. Emerging Trends in Indian Polity.

SUBHASH
(A/Prof)

Political Science Session 2021-2022

Tentative Lesson Plan for M A IInd Sem

Month	Topics
April	Manu Kautilya
May	Gokhle, Tilak, Raja Ram Mohan Roy
June	Vivekanand, M N Roy
July	Gandhi, Nehru, Ambedkar

Subhash.
A / Prof.

Political Science Session 2021 - 2022

Tentative Lesson Plan for M A II nd Sem.

Paper: Political Theory.

Month	Topics
April	Concept of Ideology, End of Ideology Debate, End of History, Debate
May	Post Modernism, Communitarianism Green Political Theory (Environment) Feminism
June	Theories of Liberty, Equality, Justice & Democracy
July	Theories of Change: Lenin Mao and Gandhi.

Subhash
(A/Prof)

Session 2021 - 2022 Political Science

Tentative Lesson Plan for MA IInd sem

Month	Topics
April	Bureaucracy - Theories, Types and Roles, Max Weber and his Critics. Civil Servant - Minister Relationship Downsizing and Modernization of Bureaucracy. Personnel Administration
May	Financial Administration - Budget, Audit, Control over finance with special Reference to India and UK.
June	Good Governance - Problems of Administration Corruption, Transparency and Accountability Administrative Reforms - RTI and Crisis Management.
July	Leadership - Role of Decision Making, Communication, Grievance Redressal Institutions - Ombudsman Lokpal and Lokayukta, Role of Political Parties, Pressure Groups and Public opinion.

Sanik

Session 2021 – 2022 (Political Science)

Tentative Lesson Plan for MA III ~~rd~~ sem

Paper: International Law

Month	Topics
April 2022	War and its effects; Enemy character; Means for settlement of Disputes - Amicable and Coercive.
May	Laws of War - Land, Ariel and Maritime Warfare, Legality of Instrument of Warfare.
June	Termination of War - ~~Land, Ariel~~ and Treatment of POWs, War Crimes, Prize Courts.
July.	Neutrality - Definition, Status, Rights and Duties. Laws of Sea, Laws of Outer Space. and Environmental Conference

Jasvir

Political Science BA I IInd Sem

2021 - 2022

Tentative Lesson Plan for BA IInd Sem

Month	Topics
April	Federalism, Co-operative federalism, Administrative, Legislative, and financial relationship between centre and state, State Autonomy
May	Power and Position of Chief Election Commission. Election Commission Weaknesses and Reform of Election Commission.
June	Party System - One two and Multi Party System National and Regional Political Parties. Pressure Groups
July	Caste and Politics Religion and Politics Regionalism, Emerging trends of Indian Politics.

Savitri

Annual System

Lessan Plan EVS [2021-2022]

Topic	Week/Month
10) Assignments given on Topic - Air Pollution	1st Feb - 8th Feb, 2022
11) Assignment Topic Discussion	8th Feb - 15th Feb, 2022
12) Social Issues & Environment	15th Feb - 22 Feb, 2022
13) Watershed Management	22 Feb - 28 Feb, 2022
14) Solid Waste Management & Disaster Management	28 Feb - 10th March, 2022
15) Global Warming & Climate change	29th March - 28th March, 2022
16) Environment Legislation & Laws	1st April - 8th April, 2022
17) Nuclear Accidents & Holocaust	8th April - 14th April
18) Human Population & Environment	14 April - 21 April, 2022
19) Environment & Human Health	21 April - 1st May, 2022
20) Women & Child Welfare	1st May - 8th May, 2022
21) Drugs & their Effects	8th May - 15th May, 2022
22) Human Rights, WHO, UNESCO	15th May - 25th May, 2022

Lesson plan 2021-22

Ms. Bhupinder Kaur

Class : B.Sc III (Zoology) 6th sem

Aquaculture and Pest Management Paper I & II

Month	Topic
April 2022	Introduction to world Fisheries Fresh water Fishes of India Fishing Crafts gears Brackish water culture,Fin Fishes, Crustaceans, Molluscs and their Culture Revision,Discussions & Test
May 2022	Introduction to Parasitology. Study of Important Insects Pests of Sugar Cane Study of Important Insects Pests of Cotton Study of Important Insects Pests of Wheat Study of Important Insects Pests of Paddy Study of Important Insects Pests of Vegetables Revision, Discussions &Test
June & July 2022	Fish Seed Production Field feed Techniques of fish culture Managements & marketings of fishes & their products Latest advancements in Aquaculture technologies Study of Important Insects Pests of Stored Grains Biological Control of insects Chemical Control of insects Integrated Pests Management Bird pests & their mgmt Rodent pests & their mgmt Insects Repellants And Attractants Revision, Discussions &Test

28th March 202

Lesson plan 2021-22
Ms. Anjela Gahalayan
Class : B.Sc I (Zoology)
Life & Diversity Paper 1 & 2

Month	Topic
April	General Character And Classification of Annelida Economic Importance of Annelida Type Study – Pheretima Metamerism in Annelida Trochophore Larva General Character And Classification of Arthropoda Biodiversity and economic Importance of Insects Revision& Discussion
May	Study of Grass hopper Elements of heredity and variations Varieties of Gene Interactions Linkage and Recombination Sex Determination and its Mechanisms
June	Revision& Discussion Sex Determination and its Mechanisms Sex Linked inheritance Extra Chromosomal & Cytoplasmic inheritance Practical Preparation Revision& Discussion
July	Practical Work Preparation Revision& Discussion File checking Project checking

Anjela

Gahalayan

Lesson Plan Dept. of Zoology B.Sc. 2nd, Paper 1 & 2 (Sessions 2021-22)

Even semester (April 2021- July 2022)

Name of faculty- Dr. Meenu Mittal

April	Phylum Chordata (introduction, Classification)
	Sub Phylum Urochordata- Characterstics, Classification and Type study- Herdmania
May	Subphylum-Cephalochordata (classification and Identification) type study – Amphioxus
	Class Cyclostomata (Characteristics, Classification type study Petromyzon, Discussion.
	Chondrichthyes- Characteristics , Classification and Test
	Type Study Labeo, Pisces In General
June	Biochemistry (Introduction and Scope)
	Proteins, Revision
	Carbohydrates, Enzymes and Test
	Libides, Revision
July	Biophysics
	Nutrition, Revision
	Muscle Physiology, Test
	Bones and Bones Disorder, Revision

Practical Groups

SESSION 2021 - 22
EVEN SEMESTER

Sr. No.	Class	Groups & Days	Roll No.
1	B.Sc. 1st year	Group II (1,2)	210039011,23,28,30,33,46,52,58,64,65,70,72,75,76, 77,81,84,85,86
		Group I (3,4)	210039005,09,10,16,18,24,29,59,60,69,82,87
2	B.Sc. 2nd year	Group II (1,2)	120107030002,07,18,19,22,30,37,43.46,48,58
		Group III (3,4)	120107030011,14,18,21,26,29,34,39,40,45,49,56,59
		Group I (5,6)	120107030005,10,12,15,35,36,41,44,50,52,54,60,78
3	B.Sc. 3rd year	Group II (3,4)	3012120001,02,08,23,27,32,33 301210003,11,14,18,19,23
		Group I (5,6)	301212004,06,07,09,12,13,14,15,21,22,25,29,30 301210005,08,10,13,20,22,1934604

02/04/2022

H.O.D.
Dept. of Zoology

GOVT. P.G. COLLEGE SEC-1, Panchkula
Academic Session - 2021-2022
Even Semester

Lesson Plan of B.A. II English Honours

Paper VII → Grammar & Contemporary English Usage.

By. Harpreet Kaur Banga (Ass. Prof)
Deptt of English.

APRIL → Introduction to the syllabus and question paper.
Tenses, Direct & Indirect Speech, Test
Paragraph-writing, Translation, Phrasal verbs with be, do, keep, come, bring & let (Test)

MAY → Precis-writing, Active & Passive Voice
Paragraph-writing, Translation, Conjunctions (Assignment - I)
Mood & Modality. (Test)

June → Type of Sentences (Simple, Compound, Complex) & Clauses (Noun, Relative, Co-ordinate & Conditional)
(Assignment - 2) Test

July → Various Concepts & their expression eg. instructions and requests, invitations etc. permission, probability & likelihood, obligations necessity & promises, wish, hope & purpose. (Revision & Test)

Aids → Language lab, Sharing of infographics & digital content on what's app, Ppts., Newspaper, video lectures (Revision & Recapitulation) grammar quiz on websites.

Harpreet
(Ass. Prof.
Deptt of English)

Semester Wise Lesson Plan/Syllabus to be covered

Class M.Com Sem II Semester II

Business Statistics

Months/weeks	Topics,
April I	Time series Analysis I
II	Time series Analysis II
III	Probability- Concept, Approaches
IV	I Assignment Test, Addition Theorem
May I	Prob- Multiplication Theorem
II	Conditional Probability & Bayes' Theorem
III	Probability Distribution as a Concept
IV	II Assignment Test, Binomial Distribution
June I	Poisson Distribution & Normal "
II	Index number I & Test
III	Index number II
IV	Multiple regression & correlation.

(Krishna Uppal)

It is certified that I have completed the syllabus per the schedule.

Signatu

Semester Wise Lesson Plan/Syllabus to be covered

Class B.com II C Semester Even Sem

Computerised Accounting System

Month	Weeks	Topics
April -	I	- Intro in Accounting Tally ERP-9
	II	- Administration of Company - Tally ERP 9
	III	- PPT on Intr of Tally ERP 9 & other apps like HR.
	IV	- Company Set up Features
May -	I	- Master Creation - A/c and Inventory, Assign-I
	II	- Test, PPT, Vouchers Creation
	III	- MIS - Reports & Invoice Printing Accounting features
	IV	- Practical - Modules
June	I	- Practical Modules
	II	- Taxation Features, Test.
	III	- Payroll System, PPT.
	IV	Revision, PPT

It is certified that I have completed the syllabus per the schedule.

Signature

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Dept. of English
Lesson Plan (Even Semester)

Vineeta Gupta
Asso. Prof.

	MA (2nd semester) (1798-1914)	BA (Hons) 4th sem. (1830-1900)
April	Introduction to Victorian Age Introduction to Robert Browning What is Dramatic Monologue. Detailed Study of Poems – Evelyn Hope, Love Among the Ruins My Last Duchess, The Last Ride Together Rabbi Ben Ezra	1. Introduction to Literary History of the Period. (Victorian Age) 2. Major Trends / Movements 3. Introduction to Lord Tennyson. 4. Detailed Study of Poems. Break, Break, Break, Lady of Shalott, The Lotus Eaters, Tears, Idle Tears
May	Detailed Study of Poems - A Grammarian's Funeral, Porphyria's Lover, Meeting at Night Introduction to Novel & Hardy Detailed Study of Tess of the d'Urbervilles.	Test / Assignment 1 Introduction to Matthew Arnold. Detailed Study of Poems - Dover Beach — To Marguerite Memorial verses — Life & Thought Shakespeare
June	Test / Assignments I Introduction to Modern Age Introduction to Drama & G B Shaw Detailed study of Arms and the Man " " " Madame Bovary Test / Assignment 2	Test / Assignment II Introduct. to Browning & Dramatic Monolgue. Detailed Study of Porphyria's Lover, My Last Duchess, Rabbi Ben Ezra
July	Detailed study of Madame Bovary. Revision Exams.	Revision – Reference to the Context Trends / Movements. Exams. Vineeta

LESSON PLAN

Corporate Accounting (M.Com - II Semester)

Session - 2021-22

April :-

week- 1 :- Issue of shares
week :-2 - Issue & forfeiture of shares
week :- 3 :- Valuation of shares
week 4 :- Final Accounts of companies

May :

week- I - Human Resource Accounting
week- 2 :- Amalgamation
week : 3 Lease Accounting, corporate Reporting Requirmet
week : 4 :- Periodic & Segment Reporting

June :-

week 1 :- Social Reporting
week2 :- Consoliated financial statement of Holding and subsidiary co.
week 3 :- Harmonisation in corporate Reports
week 4 :- Absorption and Reconstruction, Revision

YASHPAL SINGH
Associate Prof

Lesson Plan

Coporate Accounting

B.Com-II (Section A & B)

April :-

week I :- Valuation of Goodwill
week II - Valuation of Goodwill + Revision
week III - Valuation of Share
week IV - Valuation of Share.

May :-

week-I Accounts of Holding Companies
week II :- Accounts of Holding Companies
week III - Liquidation of Companies
week IV - Liquidation of Companies

June :-

week I - Accounts of Banking Companies
week II - Accounts of Banking Companies
week III - Accounts of Insurance Companies
week IV - Accounts of Insurance Companies
- Revision -

Yashpal Singh
Associate Professor.

Lesson Plan

Session - Even Semester 2021-22

Name of the Assistant/ Associate Professor: Sandeep Kumar

Class and Section: M.Com 4th Sem A & B **Subject:** IT and E-Commerce

Sr. No	Month	Week	Topics to be covered
1	April	1st	Introduction to Subject and Introduction to E-commerce
		2nd	Meaning of electronic commerce, business applications of e-commerce, comparison with traditional commerce
		3rd	Business models in E-commerce – e-shops, e-procurement, e-auctions, value chain integrators, information brokerage, telecommunication, collaboration platforms, etc.
		4th	Electronic payment system; E-Banking – concept, operations.
2	May	1st	Online fund transfer – RTGC, ATM, etc., Online share market operations.
		2nd	Online marketing, Web-based advertising – concept, advantages, Types of online advertisements
		3rd	Search engine – as an advertising media, search engine optimisation – concept and techniques;
		4th	Email marketing; Social Networking and marketing – promotion, opinion formulation, etc.
3	June	1st	Viral Marketing, E-retailing-concept, advantages, limitations; CRM and Information Technology, Tools to conducting online research – secondary research, online focus groups
		2nd	web based surveys, data mining from social networking sites; Cloud computing – Concept, uses in business
		3rd	Enterprise Resource Planning; Security issues in e-commerce - Online frauds
		4th	Privacy issues; Cyber laws including Information Technology Act
4	July	1st	Revision and Presentations
		2nd	Revision and Presentations

Sandeep Kumar
Assistant Professor (Computer Science)