



ADARSH MAHILA MAHAVIDYALAYA, BHIWANI

Affiliated to CBLU, Bhiwani

Session 2022-23

1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment

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Lesson Plan from 22-Aug-2022 to 17-Dec-2022

UG - 1st Year

Lecturer :	Mahyati Arora
Class with sem :	Bcom I st Sem.
Subject / Paper :-	Business Economics

Week	Topics
22 Aug to 27 Aug	Introduction of an Indian Economy And Basic Problem of an Indian Economy
29 Aug to 3 Sep	Production Possibility Curve Working of Price mechanism. Role of Price mechanism in different Economy.
5 Sep to 10 Sep	Law of Demand, Elasticity of Demand, Importance, Determination of elasticity of Demand. Price elasticity, method.
12 Sep to 17 Sep	Income elasticity, substitution elasticity. Average Revenue, marginal Revenue marginal Revenue and elasticity of Demand.
19 Sep to 24 Sep	Elasticity of supply. Production function, Law of variable Proportion, Return to Scale.
26 Sep to 1 Oct	Isoquants - Economic Surplus and optimum factor combination. Expansion Internal and External Economics and Dis. <small>second part.</small>
3 Oct to 8 Oct	Ridge Lines, Theory Cost - Concept, Types Short run and long run Cost Curve. Traditional and modern approach.
10 Oct to 15 Oct	Ordinal utility theory, Consumer's surplus equilibrium, Criticism of law of Demand.

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17 Oct to 21 Oct	Cardinal utility complete
21 Oct to 29 Oct	Diwali Vacation
31 Oct to 5 Nov	Tu, MU, Law of Diminishing MU
7 Nov to 12 Nov	Law of equi marginal utility, Consumer equilibrium.
14 Nov to 19 Nov	Price & output determinates under Perfect Competition.
21 Nov to 26 Nov	Price & output determinates under monopoly market
28 Nov to 3 Dec	Price & output determinates under monopolistic competition, oligopoly market In Detail.
5 Dec to 10 Dec	Doubt Taken. Revision & Test of Unit-I
12 Dec to 17 Dec	Test of Unit -III & IV

Lesson Plan from 22-Aug-2022 to 17-Dec-2022

UG - 1st Year

Lecturer :	Ms. Neeru Chawla & Dr. Ashima Yadav
Class with sem :	B. Com I , Sem I
Subject / Paper :-	Financial Accounting - I

Week	Topics
22 Aug to 27 Aug	Introduction of Financial Accounting Meaning & objectives
29 Aug to 3 Sep	Process of financial Accounting. Limitations, Basic Terms of Accounting
5 Sep to 10 Sep	Users of Accounting, Qualitative characteristics GAAP, Financial Accounting Standard - Introduction
12 Sep to 17 Sep	Concepts of financial Accounting standards, Benefits, Procedure for issuing Accounting Standards in India.
19 Sep to 24 Sep	International Financial Reporting Standards: Need & Procedure.
26 Sep to 1 Oct	Convergence GFRS Revision of Unit I
3 Oct to 8 Oct	Capital and Revenue items: Reserves and Provisions: Meaning difference between Reserves & Provisions.
10 Oct to 15 Oct	Categories of Provisions - Provision for Bad debts, Provision for depreciation.

17 Oct to 21 Oct	Provision for tax, categories of Reserve Capital Reserve and Revenue Reserve.
21 Oct to 29 Oct	Diwali Vacation
31 Oct to 5 Nov	Depreciation - meaning, causes, Accounting Procedure, straight line method.
7 Nov to 12 Nov	Diminishing Balance method and change of method
14 Nov to 19 Nov	Rectification of errors - meaning and types of errors, errors not affecting the Trial Balance Errors Affecting the Trial Balance Suspense A/c
21 Nov to 26 Nov	Final A/c with Adjustment - meaning, objectives Manufacturing A/c, Trading, P/L and Balance sheet, various adjustment entries in final A/c
28 Nov to 3 Dec	Accounting for Non-Profit Organisations - Meaning, characteristic, final A/c - Receipt and Payment A/c and Income & Expenditure A/c
5 Dec to 10 Dec	Consignment A/c - meaning, Accounting Treatment in the books of Consignor Revision or query revision of final A/c
12 Dec to 17 Dec	Accounting Treatment in the books of Consignee and related illustrations. Revision of Consignment A/c

Lesson Plan from 22-Aug-2022 to 17-Dec-2022
UG - 1st Year

Lecturer :	Dr. Ashima Yadav
Class with sem :	B. Com I Yo. 1st Sem
Subject / Paper :-	Business Management (19BC - 102)

Week	Topics
22 Aug to 27 Aug	Business - Concept, Nature and spectrum of Business Activities
29 Aug to 3 Sep	Basic Consideration in setting up a Business Enterprise
5 Sep to 10 Sep	Management: introduction, Process Development of Management thoughts
12 Sep to 17 Sep	Contribution of Taylor and Henry Fayol in Management.
19 Sep to 24 Sep	Planning: objectives, strategies and planning process.
26 Sep to 1 Oct	Organizing: Concept, organizational Structure and Process
3 Oct to 8 Oct	Staffing: Concept and Scope
10 Oct to 15 Oct	Revision Unit I and Unit II

17 Oct to 21 Oct	Directing: Leadership Concept and Style
21 Oct to 29 Oct	Diwali Vacation
31 Oct to 5 Nov	Theories - Trait theory Style & Behaviour Theory, Contingency theory
7 Nov to 12 Nov	Query session about theories Motivation: Concept,
14 Nov to 19 Nov	Theories, ERG Theory Reinforcement Theory Expectancy Theory
21 Nov to 26 Nov	Query session about Motivation Theories Decision Making: Concept
28 Nov to 3 Dec	Assignments Decision Making - Core Process and Techniques of Controlling
5 Dec to 10 Dec	Management By Objectives Revision
12 Dec to 17 Dec	Management of change: Resistance to change and strategies to manage change

Lesson Plan from 22-Aug-2022 to 17-Dec-2022

UG - 1st Year

Lecturer :	Dr. Sucheta Soni, Dr. Tamanna Gupta
Class with sem :	B.Com 1st year 1st Sem
Subject / Paper :-	Fundamentals of Computer

Week	Topics
22 Aug to 27 Aug	Introduction of Computers, Organisation Characteristics. Types of Computer.
29 Aug to 3 Sep	Types of memories, Hardware and Software Concepts.
5 Sep to 10 Sep	Revision & Test of Unit 1st
12 Sep to 17 Sep	Introduction of O.S, Types, Functions of O.S.
19 Sep to 24 Sep	MS-DOS Internal Commands, cd, dir, Cdd, Path, Prompt, Label, Ver, Vol, ccho, Set.
26 Sep to 1 Oct	External Commands, Scan disk, diskcopy, diskcomp, format, backup, restore. Windows Explorer, Print manager
3 Oct to 8 Oct	Control panel, paint Brush. Dialog Box, Text box, check box Slide boxes
10 Oct to 15 Oct	Desktop Revision & Test of Unit 2nd.

17 Oct to 21 Oct	Introduction of Work processing, MS-Word; Creating, Editing, Printing, Page Formatting.
21 Oct to 29 Oct	Diwali Vacation
31 Oct to 5 Nov	Sorting and Tables, Mail Merge. MS-Excel; Introduction of Spread Sheet, Creating & Editing.
7 Nov to 12 Nov	Printing, Formatting of work sheets, Graphs. Revision & Test of Unit 3rd
14 Nov to 19 Nov	Data Communication Concept, media, Model, Multiplexers,
21 Nov to 26 Nov	Networking: Need, Types of Network.
28 Nov to 3 Dec	Distributed Networking, Client-Server Concepts
5 Dec to 10 Dec	OSI Models
12 Dec to 17 Dec	Revision & Test of Unit 4th.

Lesson Plan from 22-Aug-2022 to 17-Dec-2022

UG - 1st Year

Lecturer :	Dr. Tamanna Gupta
Class with sem :	B.com Computer Application 1st year (1st sem)
Subject / Paper :-	OPERATING SYSTEM

Week	Topics
22 Aug to 27 Aug	
29 Aug to 3 Sep	Introduction to various categories of Software Application software and system software, OS and its function
5 Sep to 10 Sep	Interaction of OS with user programs, components of OS, memory management, File management
12 Sep to 17 Sep	Introduction to disk OS (DOS), DOS commands - move, copy, rename, delete files in DOS
19 Sep to 24 Sep	Device management, control of various device drivers. BIOS, DOS internal & external commands, restore and backup commands
26 Sep to 1 Oct	DOS interrupts, multi-user, multi-tasking, multiprocessing and real time OS.
3 Oct to 8 Oct	brief introduction to memory management techniques.
10 Oct to 15 Oct	File System, file management, Process management and scheduling

17 Oct to 21 Oct	Multi. Processing OS Introduction to UNIX operating system
21 Oct to 29 Oct	Diwali Vacation
31 Oct to 5 Nov	Revision
7 Nov to 12 Nov	Introduction to Data processing, records and file data collection, presentation.
14 Nov to 19 Nov	Verification, editing and checking. Business files, introduction to data structure, elements fields and records.
21 Nov to 26 Nov	Classification of files, master file and transaction file.
28 Nov to 3 Dec	Revision
5 Dec to 10 Dec	Revising
12 Dec to 17 Dec	Test

Lesson Plan from 18-Aug-2022 to 10-Dec-2022
UG - 2nd & 3rd Year

Lecturer :	Dr. Amita Gaba, Ms. Sheetal Kedia
Class with sem :	B.Com. II nd Yr. 3 rd SEM
Subject / Paper :-	Corporate Accounting

Week	Topics
18 Aug to 20 Aug	Share Capital: Introducing, Measuring & Types of Share Capital, Treatment & issue of shares
22 Aug to 27 Aug	Accounting treatment, Pro-rata Allotment, forfeiture of share, Re-issue of shares, Buy-Back of shares
29 Aug to 3 Sep	Sweat Shares, Redemption of Shares, Bonus Shares, Book Building. Doubt & Test taken
5 Sep to 10 Sep	Issue of Deb, at Par, at Premium, at discount, other than Cash, theory & numerical collateral security
12 Sep to 17 Sep	Accounting treatment of redemption of Debenture, Sinking fund Method
19 Sep to 24 Sep	Method of redemption of Debentures, Conversion into share, Purchase in open market
26 Sep to 1 Oct	Doubt, Query & Test taken, Introduction of Goodwill, need & Importance
3 Oct to 8 Oct	Average profit Method, Super Profit Method, Capitalisation Method, Theory + numerical

10 Oct to 15 Oct	Purchase Consideration Method, Amalgamation Method Doubt, test of Unit <u>Goodwill</u>
17 Oct to 21 Oct	Introduction of Valuation of Shares, need & factor affecting, Method
21 Oct to 29 Oct	Diwali Vacation
31 Oct to 5 Nov	Reverse, Net Assets Method, Dividend Yield Method, Earning Capacity Method, Average Method.
7 Nov to 12 Nov	Notional Call, Doubt taken of Unit <u>III</u> , Test & Assignment
14 Nov to 19 Nov	Final A/c of Companies, Format of Trading & P&L & B/S necessary
21 Nov to 26 Nov	Profit or Loss Prior to Incorporation Introduction, Meaning, Method
28 Nov to 3 Dec	Illustrations for calculating P&L Prior and after. Doubt's key IFRS
5 Dec to 10 Dec	Doubt & Revision.

Lesson Plan from 18-Aug-2022 to 10-Dec-2022
UG - 2nd & 3rd Year

Lecturer :	Arita Verma
Class with sem :	B.Com II 2nd Sem
Subject / Paper :-	Business Regulatory Framework (198C-302)

Week	Topics
18 Aug to 20 Aug	Indian Contract Act - Valid Contract and its elements
22 Aug to 27 Aug	Proposal, Acceptance and Revocation and also quasi session.
29 Aug to 3 Sep	Contractual Capacity of parties, free consent of parties.
5 Sep to 10 Sep	Revision and Presentations of Unit I
12 Sep to 17 Sep	Lawful Consideration and object; Performance and Discharge of Contracts
19 Sep to 24 Sep	Contingent Contracts, Quasi Contracts and Consequence of breach of Contract.
26 Sep to 1 Oct	Contract of Bailment; Bailment and Pledge.
3 Oct to 8 Oct	Contract of Indemnity and Guarantee. Contract of Agency: Principal and Agent Relationship.

10 Oct to 15 Oct	Directing ; Consumer Protection Act: Right of Consumers
17 Oct to 21 Oct	Consumer Protection Councils Consumer Disputes Redressal machinery
21 Oct to 29 Oct	Diwali Vacation
31 Oct to 5 Nov	RTI Act: Salient features Right and Importance & Procedure also query session.
7 Nov to 12 Nov	E-Governance: Definition, objective participatory System Components. E-Governance Services: Basic Understanding of the New Labour Rules in India.
14 Nov to 19 Nov	E-Governance Services: Haryana Right to Service Act. Revision and Assignments.
21 Nov to 26 Nov	Sales of Goods Act: Introduction transfer of property or ownership. Conditions and Warranties.
28 Nov to 3 Dec	Performance of Contract: Delivery and payment Right of Unpaid Seller Suits for Breach of Contract.
5 Dec to 10 Dec	Revision of Unit III & IV Presentation and Assignments.

Lesson Plan from 18-Aug-2022 to 10-Dec-2022
UG - 2nd & 3rd Year

Lecturer :	Dr. Sucheta Soni & Mrs. Himanhi Jain
Class with sem :	B.Com 2nd year 3rd Sem
Subject / Paper :-	Computer Accounting System (19 BC-306)

Week	Topics
18 Aug to 20 Aug	Computerized Accounting System, Manual Accounting and Computerized Accounting, Difference Advantages and Disadvantages of CAS.
22 Aug to 27 Aug	Sourcing of Accounting Software, Consideration before Sourcing Accounting Software
29 Aug to 3 Sep	Revision & Test of Unit 1st
5 Sep to 10 Sep	Accounting Packages: Ready to Use, Customized, Tailored.
12 Sep to 17 Sep	Choosing Accounting Packages, Various Accounting Software in Trend.
19 Sep to 24 Sep	Entry Level Software: ERP Software.
26 Sep to 1 Oct	Revision & Test of Unit 2nd
3 Oct to 8 Oct	Introduction to Tally! Creation of Company Creation of Groups and Accounts

10 Oct to 15 Oct	Designing and creating Vouchers. Sales, Purchases
17 Oct to 21 Oct	Sales Return, Purchase Return Contra
21 Oct to 29 Oct	Diwali Vacation
31 Oct to 5 Nov	Journal and practicals. Revision & Test of Unit 3rd
7 Nov to 12 Nov	Data Entry through Vouchers.
14 Nov to 19 Nov	Processing for Reports to prepare Ledger Accounts.
21 Nov to 26 Nov	Total Balance.
28 Nov to 3 Dec	Balance sheet and practical with the help of workbook.
5 Dec to 10 Dec	Revision & Test of 4th Unit

Lesson Plan from 18-Aug-2022 to 10-Dec-2022

UG - 2nd & 3rd Year

Lecturer :	Ms. Vaishali
Class with sem :	B.Com II Semester III
Subject / Paper :-	E-Commerce

Week	Topics
18 Aug to 20 Aug	
22 Aug to 27 Aug	Introduction, B2B model.
29 Aug to 3 Sep	C2B model, C2C model, B2C model, Future of e-commerce, web portals.
5 Sep to 10 Sep	Online Shopping, Application of E-commerce: Service Industry, Retail sector, Financial Services, Travel and Tourism.
12 Sep to 17 Sep	Introduction of Internet: Networking Concepts, TCP/IP Address, Domain Name, URL, E-mail Protocol.
19 Sep to 24 Sep	Network topologies: Star, Ring, Mesh, Tree & Bus Topology.
26 Sep to 1 Oct	Mobile Commerce, WAP & WML, Internet Service Through mobile.
3 Oct to 8 Oct	HTTP, WWW, Search Engine, Internet, Intranet & Extranet.

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10 Oct to 15 Oct	Mobile Banking, mobile Information Devices, Pos, Firewalls.
17 Oct to 21 Oct	Cyberlaw - IT Act 2008. Revision.
21 Oct to 29 Oct	Diwali Vacation
31 Oct to 5 Nov	Online Payment mechanism, Electronic Payment System, Payment Gateway, e-governance.
7 Nov to 12 Nov	Risk Management, options for E-payment Systems, cryptography, Authentication, Security issues over the web.
14 Nov to 19 Nov	Data Encryption, Decryption, Public Key, Private Key, Digital Signature.
21 Nov to 26 Nov	E-check Certification, plastic money, Debit & Credit Card, Smart Card & Digital certification.
28 Nov to 3 Dec	Threats in E-commerce, Security of Client & Service Provider.
5 Dec to 10 Dec	Revision.

Lesson Plan from 18-Aug-2022 to 10-Dec-2022

UG - 2nd & 3rd Year

Lecturer :	Mrs. Gaytri Arora
Class with sem :	B Com II ^{III} sem.
Subject / Paper :-	Human Resource management

Week	Topics
18 Aug to 20 Aug	Introduction to HRM
22 Aug to 27 Aug	Importance, objective, scope of HRM, Function of HRM.
29 Aug to 3 Sep	Qualities of HRM, HRD Revision of previous chapters
5 Sep to 10 Sep	Recruitment - meaning, Steps sources.
12 Sep to 17 Sep	modes of recruitment, Factor affecting recruitment
19 Sep to 24 Sep	selection - meaning, stages
26 Sep to 1 Oct	selection procedure, In Detail Training, Introduction.
3 Oct to 8 Oct	Training methods in Detail test & Revision of Unit - II

10 Oct to 15 Oct	Job Analysis In Detail. Job Description and Job Specification
17 Oct to 21 Oct	Wages, Introduction theory of wages, methods of wage programme
21 Oct to 29 Oct	Diwali Vacation
31 Oct to 5 Nov	Importance of wage incentives Concept Need, Importance, special incentives Industrial Relation, Concept, Importance.
7 Nov to 12 Nov	Content of Industrial Relation, Participants of Industrial Relations. Recruitment of board Industrial Relation Programme.
14 Nov to 19 Nov	Industrial Unrest, meaning forms, Cause of Industrial dispute. Impact of Industrial unrest on the economy, Preventive and Curative method
21 Nov to 26 Nov	Agenda for Reconciliation of Industrial Unrest. Labour Court for Disputes In India.
28 Nov to 3 Dec	Basic understanding of Legal Framework for the empowerment of the workers
5 Dec to 10 Dec	Revision & Doubt Taken.

Lesson Plan from 18-Aug-2022 to 10-Dec-2022
UG - 2nd & 3rd Year

Lecturer :	M.S. Sheetal Redia
Class with sem :	B.Com. ^{IIIrd} SEM. (ASM)
Subject / Paper :-	Retail Management

Week	Topics
18 Aug to 20 Aug	Introduction of Retail & Retailing, Retail Management, meaning, features
22 Aug to 27 Aug	Importance, Scope, Evolution of Retail Competition, Wheel of Retail lifecycle
29 Aug to 3 Sep	The Accordion, Emerging trends in Retailing, Retail Scenario in India
5 Sep to 10 Sep	Test of Unit I, Retail formats, Types of Retail stores
12 Sep to 17 Sep	Traditional & Modern formats, Store and non-store based formats
19 Sep to 24 Sep	Cash and Carry business, - Meaning, nature, Scope, Retailing models
26 Sep to 1 Oct	Franchises - Franchises wheel of Retailing Retailing life cycle Co-operatives & Conflict
3 Oct to 8 Oct	Test, Revision, Retail Planning, meaning, Importance, Process

10 Oct to 15 Oct	Retailing Strategies, Process developing objectives, Pricing strategies
17 Oct to 21 Oct	Location strategies, Revision, & Test A and III
21 Oct to 29 Oct	Diwali Vacation
31 Oct to 5 Nov	Retail Selling Skill - Intro, meaning, Pre-checks, opening the Sale,
7 Nov to 12 Nov	Probing, Demonstration, Trial & Close Handling, Close Handling objectives
14 Nov to 19 Nov	Retail Management information System, Retail Audit
21 Nov to 26 Nov	Online Retailing, Global Retailing Legal & Ethical issue in Retailing
28 Nov to 3 Dec	Query & Doubt, Test presentation
5 Dec to 10 Dec	Assignment, VIVA, etc.

Lesson Plan from 18-Aug-2022 to 10-Dec-2022

UG - 2nd & 3rd Year

Lecturer :	Ms. Himanshi Jain
Class with sem :	B. Com. II (3rd Sem) (Computer Application)
Subject / Paper :-	Networking & Internet.

Week	Topics
18 Aug to 20 Aug	Introduction to Computer network - Types of Networks, Network Topologies, Digital vs Analog Communication.
22 Aug to 27 Aug	OSI & TCP/IP Reference Models, Comparison of models, Parallel & Serial Communication, Communication Modes, Multiplexing.
29 Aug to 3 Sep	Transmission Media, Wireless Transmission, Communication Switching Techniques, Framing, basic of Error Detection, Query sessions of unit-I.
5 Sep to 10 Sep	Forward Error Correction, Cyclic Redundancy Check Codes for Error Detection, Flow Control, ALOHA, CSMA, CSMA/CD.
12 Sep to 17 Sep	Token Ring, Token Bus, Test of unit I, Query of unit-II, Categories & Characteristics of Web Applications, Concept of Internet, Applications of Internet.
19 Sep to 24 Sep	Basic Internet protocols, Introduction to Intranet, Client-Server Environment, Web Browsers & its functions, Web servers & their features, WWW.
26 Sep to 1 Oct	Sending & receiving files through E-mail, fighting Spam, Sorting & searching mails, Mailing lists, Avoiding E-Mail viruses, Configuring E-Mail Programs.
3 Oct to 8 Oct	Categories of search engines, Searching Criteria, HTTP, URL, DNS Working, Usenet Newsgroup Concepts, Reading usenet newsgroups, Internet Relay Chat.

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10 Oct to 15 Oct	Query session of unit-3, Test of unit-2, Security Requirements & Attacks, Firewall, Cryptography (DES, AES, RSA).
17 Oct to 21 Oct	Goals of Networking Devices, Repeaters, Uses of Repeaters, Hubs with its classification, Stackable Hubs, USB Hubs, Switches, Switching Methods.
21 Oct to 29 Oct	Diwali Vacation
31 Oct to 5 Nov	Comparison of Switching methods, Working with hubs & switches, Cables connecting hubs & switches, Managed Hubs & switches, Port Density, Bridges
7 Nov to 12 Nov	Bridge Implementation Considerations, Types of Bridges, Routers, Dedicated Hardware vs Server-Based Routers, Advantages & Disadvantages of Dedicated Hardware Router.
14 Nov to 19 Nov	Drawback of Routers, Gateways, Advantages of Gateways, Gateways Functionality, Other Devices - Modems, Proxy Servers, Wireless Router.
21 Nov to 26 Nov	Brouter, Wireless Access Point, Doubt session of unit-4.
28 Nov to 3 Dec	Revision & Test of unit-3 & 4
5 Dec to 10 Dec	Revision & Query session of all 4 units.

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Lesson Plan from 18-Aug-2022 to 10-Dec-2022
UG - 2nd & 3rd Year

Lecturer :	Dr. Tamanna Gupta
Class with sem :	B-com computer Application, Final year (5th sem)
Subject / Paper :-	Multimedia and Computer Graphics

Week	Topics
18 Aug to 20 Aug	
22 Aug to 27 Aug	
29 Aug to 3 Sep	Pixel, frame, buffer application of CG. Display devices:- Random Scan
5 Sep to 10 Sep	Raster Scan, Color CRT Monitor, DVST and Plasma Panel.
12 Sep to 17 Sep	3-D Transformation:- Translation, Scaling, Rotation, windowing & clipping windows, view port
19 Sep to 24 Sep	line clipping, polygon clipping, windows & view port transformation
26 Sep to 1 Oct	Display file, Segment table, Segment Creation, deletion, rename. Multimedia: Text - font, faces, animating Text,
3 Oct to 8 Oct	Hyper-Text - Sound: MIDI, Digital audio basis, auto file formats, audio editing, mCI - multimedia control interface

10 Oct to 15 Oct	Image - Bitmap, Vector drawing, color palate, concept of 3D modeling, Image file formats (BMP, JPG)
17 Oct to 21 Oct	Animation :- Principle of animation, cell animation, kinematics, morphing
21 Oct to 29 Oct	Diwali Vacation
31 Oct to 5 Nov	Video - Broadcast video standards (NTSC, PAL) Integrating computer and T.V, video capture board, colour, shooting and editing video, video compression (JPEG, MPEG)
7 Nov to 12 Nov	Revision
14 Nov to 19 Nov	Hard copy devices: Printers & Plotters
21 Nov to 26 Nov	Input devices: mouse, Trackball, Light Pen, Scanner, Digital Camera.
28 Nov to 3 Dec	
5 Dec to 10 Dec	

Lesson Plan from 18-Aug-2022 to 10-Dec-2022

UG - 2nd & 3rd Year

Lecturer :	Ms. Himanshi Jain
Class with sem :	B. Com III (5th sem) (Computer Application)
Subject / Paper :-	Object Oriented Programming Using C++ (with Practical)

Week	Topics
18 Aug to 20 Aug	Procedural language and Object Oriented Approach, characteristics of OOP:- Objects, Classes, Encapsulation, Data Abstraction.
22 Aug to 27 Aug	Inheritance, Polymorphism, Dynamic Binding, Message Passing, Query Session and Test of unit-I.
29 Aug to 3 Sep	Data Types, Variables, Static Variable, Operators in C++ (with Practical Implementations)
5 Sep to 10 Sep	Array, string, structure, functions, Recursion, control statements (with Practical) Query Session of unit-II.
12 Sep to 17 Sep	Class, Object, Memory Allocation for Objects (with Practical Implementation)
19 Sep to 24 Sep	Memory layout of Objects, Private, Public, Protected Member functions, Static Members, (with Practical)
26 Sep to 1 Oct	Dynamic Memory Allocation :- new, delete Object Creation at Runtime, Query Session & Test of unit - III.
3 Oct to 8 Oct	Test of unit - II, Inheritance :- Base class, Derived class, Types of Inheritance

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10 Oct to 15 Oct	Practical of Inheritance including Public & Private Inheritance.
17 Oct to 21 Oct	Overriding member function with Practical.
21 Oct to 29 Oct	Polymorphism - Definition, Operator Overloading with Practical.
	Diwali Vacation
31 Oct to 5 Nov	Query session of Practical of unit II & III, Templates - Introduction, Class Template, function Template (with Practical)
7 Nov to 12 Nov	Overloading of function Template (with Practical), Test of Practical of unit - II & III.
14 Nov to 19 Nov	Namespaces, Introduction of STL - Standard Template library.
21 Nov to 26 Nov	Benefits of STL, Containers, Adapters, Iterators, Vector Lists.
28 Nov to 3 Dec	Query session of unit - IV (Theory + Practical)
5 Dec to 10 Dec	Test of unit - IV (Theory + Practical)

Lesson Plan from 18-Aug-2022 to 10-Dec-2022
UG - 2nd & 3rd Year

Lecturer :	Dr. Ashtma Yadav
Class with sem :	B. Com Final Yr. 5th Sem
Subject / Paper :-	Auditing (19BC-504)

Week	Topics
18 Aug to 20 Aug	Auditing : Concept , objectives Importance and type of Auditing
22 Aug to 27 Aug	query Session about Auditing and types of Auditing Audit Process - Internal check
29 Aug to 3 Sep	Internal Control & Internal Audit
5 Sep to 10 Sep	Audit Programme Revision Till now
12 Sep to 17 Sep	Audit of Public Company : Qualification of Company Auditor
19 Sep to 24 Sep	Appointment of Company Auditors Power, Duties and liabilities of Auditor
26 Sep to 1 Oct	Audit of Depreciation and Reserves, Divisible Profit & Dividend
3 Oct to 8 Oct	Continue above topic Query Session about this topic.

10 Oct to 15 Oct	Audit procedure - Routine checking
17 Oct to 21 Oct	Vouching and verification
21 Oct to 29 Oct	Diwali Vacation
31 Oct to 5 Nov	Valuation of Assets
7 Nov to 12 Nov	Valuation of liabilities
14 Nov to 19 Nov	Audit Report & Investigation - Introduction Audit Report - Basics of Audit Report
21 Nov to 26 Nov	Objectives of Audit Report, contents types of Audit Report
28 Nov to 3 Dec	Investigation: Meaning, Concept, Feature of Investigation. (Assignments)
5 Dec to 10 Dec	Significance of Investigation Query session about Audit Report and Investigation.

Lesson Plan from 18-Aug-2022 to 10-Dec-2022
UG - 2nd & 3rd Year

Lecturer :	Dr. Anurupa Gaba,
Class with sem :	B.Com V th SEM
Subject / Paper :-	Cost Accounting

Week	Topics
18 Aug to 20 Aug	Introduction of Cost Accounting - Meaning, features, Scope, Techniques, Cost Accounting, Costing, Cost Accounting Define
22 Aug to 27 Aug	Profit Centres, Differences & Similarities of Cost Accounting System with financial accounting, Cost: main elements & Types
29 Aug to 3 Sep	Material Control; meaning & objectives, Material Purchase Procedure, Store Ledgers & Method of issue.
5 Sep to 10 Sep	Control techniques, of Material, Fixation of Inventory level, Method of Calculate ^{of} the levels, 200 analysis, Wastage of Material
12 Sep to 17 Sep	Doubt & Query, Test of Unit I & II Labour Cost Control Introduction
19 Sep to 24 Sep	Method of time keeping, Treatment & Control of Labour turnover, Idle time, overtime, Wage Payment Method
26 Sep to 1 Oct	Incentive wage Plans the meaning & Practically implementation.
3 Oct to 8 Oct	Revision & Doubt, Test, Assignment

10 Oct to 15 Oct	Overhead - meaning, types, Collection & Classification.
17 Oct to 21 Oct	Allocation, Apportionment and Absorption of overhead
21 Oct to 29 Oct	Diwali Vacation
31 Oct to 5 Nov	Test/Assignment, Overhead Numericals Unit Practical Question
7 Nov to 12 Nov	Problem taken, Practice
14 Nov to 19 Nov	Doubts & Practice
21 Nov to 26 Nov	Presentation & VIVA
28 Nov to 3 Dec	Revision, Test, Query
5 Dec to 10 Dec	Test, Query,

Lesson Plan from 18-Aug-2022 to 10-Dec-2022

UG - 2nd & 3rd Year

Lecturer :	Ms. Anita Verma, Ms. Vaishali
Class with sem :	B.Com III 5 th Sem
Subject / Paper :-	Management Accounting.

Week	Topics
18 Aug to 20 Aug	Management Accounting - Introduction, Nature & Scope; Significance limitations, Method of Management Accounting.
22 Aug to 27 Aug	Financial Accounting vs. Cost Accounting vs. Management Accounting, contemporary issues in management Accounting (Value chain Analysis)
29 Aug to 3 Sep	Essential Qualities & Responsibilities, Position & Role of Management Accountant.
5 Sep to 10 Sep	Revision of above topics, Activity Based Accounting, Balanced Scorecard, element advantages & disadvantages.
12 Sep to 17 Sep	CVP Analysis - Assumptions & its applications. (Revision)
19 Sep to 24 Sep	Standard Costing - Concept, Advantage, types of standard, Variance Analysis Practical & Theory.
26 Sep to 1 Oct	Material Variance, Labour Variance Practical Problem.
3 Oct to 8 Oct	Overhead Variance, Managerial use of Variance. Revision.

10 Oct to 15 Oct	Transfer Pricing : Concept & Methods Responsibility Accounting.
17 Oct to 21 Oct	Revision.
21 Oct to 29 Oct	Diwali Vacation
31 Oct to 5 Nov	Advantage of Responsibility Accounting, Responsibility Centres.
7 Nov to 12 Nov	Total Quality Management - meaning, definition & Advantages.
14 Nov to 19 Nov	Revision.
21 Nov to 26 Nov	Primary element of TQM, Implementing of TQM, TQM resources.
28 Nov to 3 Dec	History & evaluation, 14 points for TQM
5 Dec to 10 Dec	Revision & test

Lesson Plan from 18-Aug-2022 to 10-Dec-2022

UG - 2nd & 3rd Year

Lecturer :	Ms. Vaishali
Class with sem :	B.Com III Semester - V
Subject / Paper :-	Digital Marketing (1913CVA - 505(B))

Week	Topics
18 Aug to 20 Aug	
22 Aug to 27 Aug	Digital marketing Introduction, concept & Evolution.
29 Aug to 3 Sep	Scope of Digital marketing, Digital Marketing environment analysis, Digital Data analysis and management.
5 Sep to 10 Sep	Digital marketing and Branding, Career in Digital Marketing.
12 Sep to 17 Sep	Understanding Digital Consumer Behaviour, consumer characteristics and profile, Information Search Behaviour.
19 Sep to 24 Sep	Factors affecting consumption behaviour Decision making process.
26 Sep to 1 Oct	Pre and post Purchase Behaviour and Management.
3 Oct to 8 Oct	Revision.

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10 Oct to 15 Oct	Digital market : positioning, Introduction and concept, Digital marketing strategy meaning.
17 Oct to 21 Oct	Digital marketing Strategy Process and types, Digital marketing mix meaning.
21 Oct to 29 Oct	Diwali Vacation
31 Oct to 5 Nov	Digital marketing mix Decision; Distribution, Price, Product & Promotion.
7 Nov to 12 Nov	Digital Marketing Mechanism; Introduction & concept, websites of company.
14 Nov to 19 Nov	Retail service Providers, Search engines, Google, Bing, Ask yahoo etc.
21 Nov to 26 Nov	Social media platform : Instagram, Facebook, LinkedIn, whatsapp, Twitter, Telegram etc.
28 Nov to 3 Dec	Video Hosting and Entertainment, Youtube, vimeo, Netflix etc. E-mails, Blogs.
5 Dec to 10 Dec	Revision

Lesson Plan from 18-Aug-2022 to 10-Dec-2022

UG - 2nd & 3rd Year

Lecturer :	Ms. Vaishali
Class with sem :	B.Com III Semester - V
Subject / Paper :-	Brand Management (19BCVA - 506(A))

Week	Topics
18 Aug to 20 Aug	
22 Aug to 27 Aug	Introduction of Branding concepts, Branding challenges and opportunities.
29 Aug to 3 Sep	Branding equity concept, consumer based brand equity, identifying and establishing brand positioning.
5 Sep to 10 Sep	Re-positioning; defining and establishing brand values, Internal branding, co-branding and licensing.
12 Sep to 17 Sep	Nature of brand development, brand awareness and attitudes, brand identity and image.
19 Sep to 24 Sep	Brand loyalty: meaning and its measurement, brand personality, advertisement.
26 Sep to 1 Oct	Advertisement and brand development, develop marketing program to build brand equity.
3 Oct to 8 Oct	Revision.


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10 Oct to 15 Oct	Celebrity endorsement, sporting, Cultural and other events. Measuring outcomes of brand equity, market performance.
17 Oct to 21 Oct	Developing brand equity measurement establishing brand equity management system.
21 Oct to 29 Oct	Diwali Vacation
31 Oct to 5 Nov	Measuring sources of brand equity - consumer mindset, Quantitative and Qualitative research techniques.
7 Nov to 12 Nov	Designing Branding Strategies; brand hierarchy, introducing a new product and brand extensions.
14 Nov to 19 Nov	Brand - product matrix, Brand management, regarding time, Advertising and brand positioning, challenges of brand management.
21 Nov to 26 Nov	Geographic boundaries and market segments, brand extension, brand switching.
28 Nov to 3 Dec	Revision & Test of Unit III
5 Dec to 10 Dec	Revision & Test of Unit IV

Lesson Plan from 18-Aug-2022 to 10-Dec-2022
UG - 2nd & 3rd Year

Lecturer :	Ms. Shweta Kedia
Class with sem :	B. Com. V th SEM
Subject / Paper :-	Retail Management

Week	Topics
18 Aug to 20 Aug	Introduction, Concept & characteristics of Retail Management; Theory of Retail Development
22 Aug to 27 Aug	Evolution of Retail, Present size, function, future, growth
29 Aug to 3 Sep	Technology Induction in Retail, E-Retail, Retail Mix
5 Sep to 10 Sep	Types of Retailing, Store classified by owners, store classified by merchandise categories
12 Sep to 17 Sep	Wheel, Retail Formats Traditional vs modern, store & non-store based formats.
19 Sep to 24 Sep	Cash & Carry business, Features, fundamentals & Scope, Retailing Models Franchises, franchisees, directly owned
26 Sep to 1 Oct	Doubt, Query, Revision, Test of unit I & unit II
3 Oct to 8 Oct	Management of Retailing operation, Wheel of Retail & Retailing Life cycle,

10 Oct to 15 Oct	Retail Management and the total performance model, Strategy
17 Oct to 21 Oct	Strategic Retail Management Process, Doubt & Test
21 Oct to 29 Oct	Diwali Vacation
31 Oct to 5 Nov	Retail Planning - Significance & Process, Developing Retailing Strategy, objective
7 Nov to 12 Nov	Action Plans, Retail Pricing Strategy, Retail Location,
14 Nov to 19 Nov	Planned and unplanned, Location Strategies
21 Nov to 26 Nov	Revision, Doubts, Test
28 Nov to 3 Dec	Assignment, VIVA
5 Dec to 10 Dec	Presentation, Test,

Lesson Plan from 18-Aug-2022 to 10-Dec-2022

UG - 2nd & 3rd Year

Lecturer :	mes. Meera Chawla
Class with sem :	B.Com III rd sem.
Subject / Paper :-	Taxation Law

Week	Topics
18 Aug to 20 Aug	Introduction of Income Tax, History Basis.
22 Aug to 27 Aug	Agriculture Income, kinds and Computation of Agriculture Income.
29 Aug to 3 Sep	Exempted Income for all assessee, Exempted Income for Employee and Some assessee
5 Sep to 10 Sep	Introduction of Residential Status of a assessee, Illustrations
12 Sep to 17 Sep	Residential status of Individuals, HUF, Firm, or association of person and Companies, Introduction of Income of Salary.
19 Sep to 24 Sep	Allowances, Perquisites, Profit, in lieu of salary, Illustration, Provident fund.
26 Sep to 1 Oct	Deductions, Retirement, Illustration Income of House property, Taxable Income, Calculation of gross annual value.
3 Oct to 8 Oct	Deduction in house property - Calculation of Profit from Business allowed, Deduction in Business expenses not allowed.

Meera

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10 Oct to 15 Oct	Introduction of Capital gain, Capital Assets, Transfer of Cap. Assets Concept Computation of Capital Gain Numerical
17 Oct to 21 Oct	Capital Gain Exempt from Tax, Revision of Capital Gain, Calculation of Income from other sources
21 Oct to 29 Oct	Diwali Vacation
31 Oct to 5 Nov	Deemed Income & Clubbing of Income, Set off & Carry forward of losses,
7 Nov to 12 Nov	Deduction from Gross total Income 80A to 80U Deduction
14 Nov to 19 Nov	Revision & Doubt Taken
21 Nov to 26 Nov	Test of Unit I & II
28 Nov to 3 Dec	Revision & Doubt Taken
5 Dec to 10 Dec	Test of Unit - III & IV

Lesson Plan from 18-Aug-2022 to 10-Dec-2022

UG - 2nd & 3rd Year

Lecturer :	Ms. Anshu Arya
Class with sem :	B.Com III & IV sem.
Subject / Paper :-	Advertising and Sales management

Week	Topics
18 Aug to 20 Aug	Introduction to A.S.M.
22 Aug to 27 Aug	Introduction to Advertising. Evolution of Advertising and Promotion, emergence of Integrated marketing Communication Strategy.
29 Aug to 3 Sep	Developing marketing Planning Programs Role of Advertising and Promotion.
5 Sep to 10 Sep	Types and Role of Advertising Agencies.
12 Sep to 17 Sep	Unit II Sales management; Participants in IMC Process, Characteristics.
19 Sep to 24 Sep	Responsibilities of Sales management Basic skills and Clarity, Roles sales managers.
26 Sep to 1 Oct	Theories of selling, Sales Planning objectives and process.
3 Oct to 8 Oct	Territory management; Requirements and System for setting up sales Territories.

10 Oct to 15 Oct	Time management; Routing Sales Quotas-objective and Types Quotas.
17 Oct to 21 Oct	management of sales Quotas management of sales force. Recruitment on Detail.
21 Oct to 29 Oct	Diwali Vacation
31 Oct to 5 Nov	selection process on Detail Training on Detail
7 Nov to 12 Nov	Control process and Distribution Channels Analysis of sales, Cost and Profitability
14 Nov to 19 Nov	Sales expenses managing Performance evolution of sales force
21 Nov to 26 Nov	ethical issues in sales management web marketing.
28 Nov to 3 Dec	emerging issues in advertising and sales management.
5 Dec to 10 Dec	Revision, Test and Doubt Taken.

Lesson Plan from 18-Aug-2022 to 10-Dec-2022

UG - 2nd & 3rd Year

Lecturer :	Ms. Mohini
Class with sem :	B.Com III rd , IV th Sem.
Subject / Paper :-	Swachh Bharat (Practical & Theory)

Week	Topics
18 Aug to 20 Aug	
22 Aug to 27 Aug	
29 Aug to 3 Sep	Introduction of Swacchhata.
5 Sep to 10 Sep	Explain Swacchhata. Ways of awareness for Swacchhata Group discussion.
12 Sep to 17 Sep	Introduction of Personal Hygiene Explain Personal Hygiene Group discussion.
19 Sep to 24 Sep	Revision I Unit
26 Sep to 1 Oct	Introduction of Health and Health Education. Explain Health and Health Education Group Discussion.
3 Oct to 8 Oct	Introduction of Balance diet and Explain Balance diet. Group discussion.

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10 Oct to 15 Oct	Introduction of Sanitation Practices Explain Sanitation Practices Group Discussion
17 Oct to 21 Oct	Revision I, II Unit.
21 Oct to 29 Oct	Diwali Vacation
31 Oct to 5 Nov	Explain Solid waste management, Segregation, Disposal. Group Discussion
7 Nov to 12 Nov	Explain Non-Biodegradable and Biodegradable waste. Group Discussion. Revision III Unit.
14 Nov to 19 Nov	Introduction of Compost Pits, Biogas plants, explain. Group Discussion.
21 Nov to 26 Nov	Explain ways of Campaigning, Role of Gram Panchayat in Swachhata
28 Nov to 3 Dec	Group Discussion for Theory and Practical.
5 Dec to 10 Dec	Revision IV Unit

Lesson Plan from 22-Aug-2022 to 17-Dec-2022

UG - 1st Year

Lecturer :	Sunita
Class with sem :	B.C.A
Subject / Paper :-	Mathematics

Week	Topics
22 Aug to 27 Aug	Introduction:- Sets, Subsets, Equal sets, universal set, finite and Infinite sets Operation on sets. examples, exercise
29 Aug to 3 Sep	Union, Intersection and Complements of sets, Cartesian Product, Cardinality of set, Simple Applications. examples.
5 Sep to 10 Sep	Determinants:- Def ⁿ , Minors, co-factors, Properties of Determinants, Applications of determinants in finding area of triangle, exercise.
12 Sep to 17 Sep	Solving a system of linear equations. Matrices:- Def ⁿ . Types of Matrices, addition subtraction, examples, exercise, class Test
19 Sep to 24 Sep	Scalar Multiplication and Multiplication of Matrices, adjoint, Inverse, solving system of linear equations. Class Test.
26 Sep to 1 Oct	Cramer's Rule, Relations and Functions, Properties of Relations, Equivalence Relation, Partial order Relation, class Test
3 Oct to 8 Oct	Functions:- Domain and Range, onto, Into and one to one Functions examples, composite and Inverse Functions.
10 Oct to 15 Oct	Limits and continuity:- Limit at a Point, Properties of Limit, computation of Limits of various Types of Functions, class Test.

Sunita
Principal

17 Oct to 21 Oct	Continuity of a function at a point, Continuity over an interval, Sum, product and quotient of continuous fun, examples, class test
21 Oct to 29 Oct	Diwali Vacation
31 Oct to 5 Nov	Differentiation:- Derivative of a function, Derivatives of sums, Differences, Product and quotient of functions, examples, exercise, class test.
7 Nov to 12 Nov	Derivative of polynomials, trigonometric, exponential, logarithmic, Inverse trigonometric and implicit functions.
14 Nov to 19 Nov	Logarithmic Differentiation, chain Rule and differentiation by substitution class test.
21 Nov to 26 Nov	Integration:- Indefinite Integrals, Methods of Integration by Substitution, By parts, Partial fractions, Integration.
28 Nov to 3 Dec	Reduction formulae & Definite integral as Limit of sum, Fundamental theorem of Integral Calculus, example, class test.
5 Dec to 10 Dec	Evaluation of definite integrals by substitution, using properties of definite integral, example, class test
12 Dec to 17 Dec	Revision of complete syllabus, Sort out problem of students.

Access

Lesson Plan from 22-Aug-2022 to 17-Dec-2022
UG - 1st Year

Lecturer :	DR NUTAN SHARMA
Class with sem :	BCA 1st Sem
Subject / Paper :-	PC Software [Practical] [BCA-102]

Week	Topics
22 Aug to 27 Aug	Practical of Basic components of windows types of icons, taskbar, activating windows using desktop, title bar.
29 Aug to 3 Sep	Running application, Managing files and folders, copying and Moving files and folders, Control Panel - display properties adding
5 Sep to 10 Sep	and removing software and hardware, setting date and time, screen saver and appearance, using windows accessories.
12 Sep to 17 Sep	Problem solving and Revision of Practical. MS-Word I - Creating & Editing document - formatting document
19 Sep to 24 Sep	Finding and replacing text, working with headers and footers, Drop-cap, Auto text, Auto correct, spelling and grammar tools.
26 Sep to 1 Oct	Dictionary, Document Page formatting, How to print a document and create a mail - merge, macros, tables, file management.
3 Oct to 8 Oct	MS-Excel - Introduction cell, cell address, How to create a worksheet & editing on worksheet, Moving & copying data in excel
10 Oct to 15 Oct	Working with chart, cell referencing, Page setup, Macros, create pivot table & Pivot chart. Data base using Excel.

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17 Oct to 21 Oct	Problem solving & Revision of Unit - Practical of Unit II & III
21 Oct to 29 Oct	Diwali Vacation
31 Oct to 5 Nov	Ms. Powerpoint: Creating, manipulating & Enhancing slides - Working with charts. Working with word Art
7 Nov to 12 Nov	Layering out objects, Animation & Sound. Inserting animated Pictures or Accessing through object
14 Nov to 19 Nov	Inserting Recorded sound effect Built Sound Effect, Practical of Unit - IV Ms Powerpoint.
21 Nov to 26 Nov	Problem solving & Revision Practical Test & Unit-I
28 Nov to 3 Dec	Problem solving & Revision. Practical Test of Unit - II
5 Dec to 10 Dec	Problem solving & Revision Practical Test of Unit - III
12 Dec to 17 Dec	Problem solving & Revision Practical Test of Unit - IV

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Lesson Plan from 22-Aug-2022 to 17-Dec-2022
UG - 1st Year

Lecturer :	DR NUTAN SHARMA
Class with sem :	BCA I ST SEM
Subject / Paper :-	Computer and programming fundamental (BCA -101)

Week	Topics
22 Aug to 27 Aug	Computer fundamentals: Generations, definition, Block diagram along with its component, characteristics & classifications of computer, Limitations of computers, Human being VS Computer.
29 Aug to 3 Sep	Application of computer in various fields & Revision Memory, RAM, ROM, types of ROM, types of RAM, cache and flash memory, Secondary storage devices: Sequential & direct access devices.
5 Sep to 10 Sep	Magnetic tape, Magnetic disk, optical disk, i.e. CD, DVD, V.M, Unit - I Revision, Problem solving, Presentation from students & Test of Unit I. I ST
12 Sep to 17 Sep	Computer hardware & software: I/O devices, definition of software, relationship b/w hardware & software, Types of software, Overview of operating system: Definition.
19 Sep to 24 Sep	Functions of operating system, Concepts of multiprogramming, multitasking, multi-threading, multiprocessing, time sharing, real time.
26 Sep to 1 Oct	Single & multi-user O.S., Computer viruses: Definition, types of viruses, characteristic of viruses, anti-virus software, Problem solving & Revision & Test of O.S.
3 Oct to 8 Oct	Computer languages: Analogy with natural language, machine language, assembly language, high-level language, Planning the computer programming.
10 Oct to 15 Oct	Concept of problem solving, problem definition, program design, Debugging, Types of errors in programming, Documentation.

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17 Oct to 21 Oct	Revision of Languages, structured, programming concepts, programming methodologies viz. top-down & bottom-up approach.
21 Oct to 29 Oct	Advantages & Disadvantages of structured programming, Revision of Unit - III. <small>Diwali Vacation</small>
31 Oct to 5 Nov	Problem Solving of Unit - III, Test of Unit - III Overview of Networking: An introduction to computer networking.
7 Nov to 12 Nov	Network types (LAN, WAN, MAN) Network topologies, Modes of data transmission.
14 Nov to 19 Nov	Forms of data transmission, Transmission Channels (media), Introduction to internet and its uses.
21 Nov to 26 Nov	Application of Internet, Hardware and software requirements for internet, Internet, Applications of Internet
28 Nov to 3 Dec	Problem solving / Revision / Test of Unit - I
5 Dec to 10 Dec	Problem solving / Revision / Test of Unit - II & Unit III
12 Dec to 17 Dec	Problem solving / Revision / Test of Unit - IV

Lesson Plan from 22-Aug-2022 to 17-Dec-2022
UG - 1st Year

Lecturer :	Dr. NUTAN SHARMA
Class with sem :	BCA 1st SEM
Subject / Paper :-	PC Software Th [BCA-102]

Week	Topics
22 Aug to 27 Aug	MS- Windows : Operating System - Definitions - function, basics of windows, basic components. Icon types of icons, taskbar, Activating window using desktop, title bar, stubbing -
29 Aug to 3 Sep	Application expansion, Computer, Managing files and folders Copying and Moving files and folders.
5 Sep to 10 Sep	using window Accessories, Revision, text of unit I
12 Sep to 17 Sep	Documentation using MS-Word - Introduction to word processing interface, toolbars, Menu creating editing Document formatting
19 Sep to 24 Sep	find and replace text, format painter, and footer, Prop. Cop, Auto-text AutoCorrect, Spelling and grammar tools, Document, Dictionary
26 Sep to 1 Oct	Page, Formatting bookmark, Recently Advanced features of MS-Word Mail Merge. Macros, table. file management printing.
3 Oct to 8 Oct	Styles, linking and embedding template, Revision, text of unit II; & Electorology spread, sheet. MS-Excel, Introduction to
10 Oct to 15 Oct	MS-Excel, cell, address, creating, editing. work sheet formatting and CSS trail. operation. Moving and Copying data in Excel,

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17 Oct to 21 Oct	Header and footer formulas and function. Charts - Cell reference, Page setup. Macros - Advance, macros,
21 Oct to 29 Oct	Ms - Excel - pivot table, Pivot chart. printing and. Diwali Vacation Consolidations, Data sheet. Management, using Excel - Sorting
31 Oct to 5 Nov	Using Word, what is analysis, with goal. seek Conditional formatting. Revision test, of Unit III
7 Nov to 12 Nov	Presentation using MS - Power. point. presentation creating - Manipulating & - Enhancing slides,
14 Nov to 19 Nov	Inserting Animated pictures and Accessing through object,
21 Nov to 26 Nov	Inserting recorded sound effect or. In-Build sound effect,
28 Nov to 3 Dec	Text of Unit - IV Problem Solving / Revision / Test of Unit - I
5 Dec to 10 Dec	problem solving / Revision / Test of Unit - II Problem Solving / Revision / Test of Unit. III
12 Dec to 17 Dec	Problem Solving / Revision / Test of Unit - IV

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Lesson Plan from 22-Aug-2022 to 17-Dec-2022

UG - 1st Year

Lecturer :	Dr NUTAN SHARMA
Class with sem :	BCA Ist sem
Subject / Paper :-	Logical Organization of Computer [BCA-104]

Week	Topics
22 Aug to 27 Aug	Information Representation - Number system, Binary Arithmetic. Fixed-Point and Floating-Point representation of numbers.
29 Aug to 3 Sep	BCD codes, Error detecting and correcting codes. Character Representation ASCII, EBCDIC, Unicode
5 Sep to 10 Sep	Binary Logic : Boolean Algebra Boolean Theorems. Boolean functions and truth Tables Canonical and standard forms Simplification of Boolean function using Di.
12 Sep to 17 Sep	Karnaugh Maps, Revision and Problem Solving. Practical Test of Unit - I. Digital Logic : Introduction to digital signals Basic Gates - AND, OR, NOT Universal Gates.
19 Sep to 24 Sep	Other Gates - XOR, XNOR etc. NAND, NOR AND-OR-INVERT and OR-AND-INVERT
26 Sep to 1 Oct	Implementation of digital circuits. Combination Logic - characteristic
3 Oct to 8 Oct	Design Procedures analysis Procedures, Multilevel NAND NOR circuits AND Revision.
10 Oct to 15 Oct	Combinational Circuits - Half-Adder, full-Adder, Half Subtractor.


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17 Oct to 21 Oct	full subtractor , Parallel binary adder / subtractor Encoder.
21 Oct to 29 Oct	Diwali Vacation
31 Oct to 5 Nov	Decoder , Multiplexers , Demultiplexers Comparators Code Converters.
7 Nov to 12 Nov	BCD to seven - segment Decoder Revision.
14 Nov to 19 Nov	Problem Solving & Practical Test of UNIT <u>III</u>
21 Nov to 26 Nov	Problem Solving Practical Test .
28 Nov to 3 Dec	UNIT <u>IV</u> Test
5 Dec to 10 Dec	UNIT <u>III</u> Test
12 Dec to 17 Dec	UNIT <u>I</u> , <u>II</u> , <u>III</u> , <u>IV</u> Test.

Lesson Plan from 18-Aug-2022 to 10-Dec-2022
UG - 2nd & 3rd Year

Lecturer :	Dr. Tamanna Gupta
Class with sem :	BCA Final Year - 5th Sem
Subject / Paper :-	Management Information System

Week	Topics
18 Aug to 20 Aug	
22 Aug to 27 Aug	
29 Aug to 3 Sep	Introduction to system and Basic Concepts, Types of Systems, The Systems Approach, Information System
5 Sep to 10 Sep	Definition & characteristics, Types of Information, Role of Information in Decision-Making,
12 Sep to 17 Sep	Sub-Systems of an information system: EDP and MIS management levels, EDP/MIS/DSS.
19 Sep to 24 Sep	An overview of management Information Systems: Definition & characteristics, Components of MIS, Frame work for understanding MIS.
26 Sep to 1 Oct	Information requirements & Level of management, Simon's model of decision making,
3 Oct to 8 Oct	Structured Vs Un-structured decisions, formal vs. Informal systems.


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10 Oct to 15 Oct	Revision Test
17 Oct to 21 Oct	Developing Information System, Analysis & Design of Information System.
21 Oct to 29 Oct	Diwali Vacation
31 Oct to 5 Nov	Implementation & Evaluation, Pitfalls in MIS Development.
7 Nov to 12 Nov	Functional MIS: A Study of Personnel, Financial and production MIS.
14 Nov to 19 Nov	Introduction to E-business systems, e-commerce technologies, application
21 Nov to 26 Nov	DSS - Support systems for planning, control and decision making
28 Nov to 3 Dec	Revision .
5 Dec to 10 Dec	Revision

Lesson Plan from 18-Aug-2022 to 10-Dec-2022
UG - 2nd & 3rd Year

Lecturer :	PUSHPA YADAV
Class with sem :	B.C.A. 2 (3rd sem.)
Subject / Paper :-	English

Week	Topics
18 Aug to 20 Aug	Introduction to syllabus and Examination pattern, introduction about communication & its various definition.
22 Aug to 27 Aug	Features / Characteristic of the Communication, Vocabulary practice, Process of communication, Prefix / Suffix with practice.
29 Aug to 3 Sep	Oral test, Communication model & theories, one word substitution with practice.
5 Sep to 10 Sep	Class test and home assignments of Basics of communication, separate test for grammar topics.
12 Sep to 17 Sep	Reviews to effective communication, synonyms / antonyms with practice.
19 Sep to 24 Sep	Introduction to LSRW skills, verbal and non-verbal communication, tenses with practice exercises.
26 Sep to 1 Oct	group discussion with explanation, conjunction with practice exercises.
3 Oct to 8 Oct	Forms of oral presentation, self presentation with exercises.

Devesh
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10 Oct to 15 Oct	Articles with practice exercises, Doubt removal exercises, Test and home assignments on LSRW skills long questions
17 Oct to 21 Oct	separate test for grammar topics, Dyadic communication, S.C's of communication
21 Oct to 29 Oct	Diwali Vacation
31 Oct to 5 Nov	Developing dialogues and - development of soft skills, Preposition with practice exercises.
7 Nov to 12 Nov	Doubt removal classes, Explanation of proper use of the communication skills, Use of effective speech.
14 Nov to 19 Nov	Practice of conjunction, Doubt removal classes with revision of communication and LSRW skills.
21 Nov to 26 Nov	Home assignments, Test of communication and LSRW skills. separate test for grammar topics.
28 Nov to 3 Dec	Effective self presentation and facing interview skills, The presentation skills and their practical uses - practice
5 Dec to 10 Dec	Doubt removal classes, class tests on alternate days.

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Lesson Plan from 18-Aug-2022 to 10-Dec-2022
UG - 2nd & 3rd Year

Lecturer :	Ms. Deepika
Class with sem :	BCA - 5th sem
Subject / Paper :-	Data Communication and Networking.

Week	Topics
18 Aug to 20 Aug	Introduction of Computer.
22 Aug to 27 Aug	Communication and Networking technologies - user division of first three topics test, Network device, modes and
29 Aug to 3 Sep	Hosts, Network design issues - protocols, Connection oriented, -
5 Sep to 10 Sep	Connectionless services, Network application, Application protocols Computer controlled system.
12 Sep to 17 Sep	Client / server Model, Peer to peer - Model, web-based Model, Network
19 Sep to 24 Sep	architecture, the OSI reference model, TCP/IP reference Model. example.
26 Sep to 1 Oct	networks like Internet, x.25. Frame relay.
3 Oct to 8 Oct	Capacity, and Buffer, Asynchronous and Sync, random data encoding. techniques, modulation.

Deepika
Principal

10 Oct to 15 Oct	Communication Sat. and Multiplexing, dist. net. networky analay, Modem, Consp, DSL, Broad. Revision
17 Oct to 21 Oct	Errors, Consist error detection, and. Call set. Station PCN, protocols,
21 Oct to 29 Oct	Token Passing RA Diwali Vacation
31 Oct to 5 Nov	Token Passing protocols, token ring, FDDI wireless, LAN; Bluetooth,
7 Nov to 12 Nov	Network Hardware Computer, Connectors Transceivers, Cards
14 Nov to 19 Nov	Bridges and switches, Router, and gateways, Revision of said unit,
21 Nov to 26 Nov	Congestion Control Algorithms Interwaning Network security. Issues security,
28 Nov to 3 Dec	Encryption Methods Authentication Systems Key Algorithms, Public Key Algorithms, Revision.
5 Dec to 10 Dec	Revision of all the test of unit. test of said unit, test of said unit.

Lesson Plan from 18-Aug-2022 to 10-Dec-2022
UG - 2nd & 3rd Year

Lecturer :	Mp. Deepika
Class with sem :	BCA - 3rd sem
Subject / Paper :-	Introduction to Database Management System

Week	Topics
18 Aug to 20 Aug	Introduction to 1st Unit, Basic Concepts, Data, Information.
22 Aug to 27 Aug	Records and files, Traditional file-based systems, file Based approach, Limitations of file Based approach.
29 Aug to 3 Sep	Data base approach, characteristics of Database approach, Advantages & Disadvantages of database system.
5 Sep to 10 Sep	Components of database system, Database Management System, Revision, Doubt class, Test components of DBMS environment.
12 Sep to 17 Sep	DBMS functions, Components of DBMS, DBMS users, Advantages & Disadvantages of DBMS, DBMS Languages.
19 Sep to 24 Sep	Roles in Database Environment, Data & Database Administrator, Database Designers, Revision, Test.
26 Sep to 1 Oct	Introduction of unit II and, Database system Architecture, Three levels of Architecture, External, Conceptual, Internal level.
3 Oct to 8 Oct	Schemas, Mappings, Instances. Revision, Test, Doubt class, Data Independence, Logical and Physical Data Independence.

10 Oct to 15 Oct	Classification of Database Management system, Practice, Test, Revisions, centralized & client server architecture to DBMS, Revision.
17 Oct to 21 Oct	Data Models, Records - Based Data Models, object Based data Models, Physical Data Models, Conceptual Modelling, Revision, Test.
21 Oct to 29 Oct	Introduction Diwali Vacation
31 Oct to 5 Nov	Introduction of 3rd unit, Entity-Relationship Model, Entity types, Entity sets, Attributes Relationship types.
7 Nov to 12 Nov	E R- Diagram, Abstraction, Integration, Basic concepts of Hierarchical, Network Data Model, Revision, Test, Brief History.
14 Nov to 19 Nov	Relational Model Terminology, Data structure, Database Relations, Properties of Relations, Key & Constraints over Relations.
21 Nov to 26 Nov	Introduction of 4th unit, Modification anomalies, 1st to 3rd NFS, BCNF, 4th & 5th NFS, SQL, Data types, Basic Queries in SQL.
28 Nov to 3 Dec	Query processing, General strategies of query processing, Query optimization, Revision.
5 Dec to 10 Dec	Query Processor, Concept of Security & Concurrency, Recovery, Test of 4th unit, Revision.

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Lesson Plan from 18-Aug-2022 to 10-Dec-2022

UG - 2nd & 3rd Year

Lecturer :	Ms. Deepika
Class with sem :	BCA - 3rd Sem
Subject / Paper :-	Operating System.

Week	Topics
18 Aug to 20 Aug	Introduction to operating system
22 Aug to 27 Aug	Practice, Operating System need and operating system services, Practice, Early system. Practice, Test, Structures
29 Aug to 3 Sep	Simple Batch, Practice, Revision, Test multi-programmed. Practice, Revision Timeshared.
5 Sep to 10 Sep	Practice, Test, Personal computer, Practice Parallel, Practice, Revision, Distributed System, Test, Real-Time System, Revision.
12 Sep to 17 Sep	Practice, Process concept, Practice, Revision operation on process. Test, co-operating process, practice, Threads, Practice.
19 Sep to 24 Sep	Inter-process-communication. All Revision of all program, Basic concepts Practice, scheduling algorithm FCFS, Practice.
26 Sep to 1 Oct	Test, Demand Paging, performance of demand paging Deadlock characterization, methods for handling
3 Oct to 8 Oct	deadlock, Banker's Algorithm. Revision of all program, Test, Logical versus physical address space, Practice.

Deepika
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10 Oct to 15 Oct	Swapping practice. Test, contiguous allocation, Paging, segmentation Practice
17 Oct to 21 Oct	Revision of all program, Demand Paging, Performance of demand paging, page Replacement, Practice.
21 Oct to 29 Oct	Diwali Vacation
31 Oct to 5 Nov	Test, Page Replacement algorithms, Thrashing Test Practice. file System Structure.
7 Nov to 12 Nov	Allocation method. contiguous allocation, Practice, Revision, Linked allocation.
14 Nov to 19 Nov	Test Indexed allocation, Practice, Test Free Space management; Bit vector
21 Nov to 26 Nov	Test all program, Linked list, wrapping counting, Practice, Data structure.
28 Nov to 3 Dec	Disk scheduling: FCFS, Practice, SSTF, SCAN, C-SCAN, Look, C-look, Practice.
5 Dec to 10 Dec	Revision of all programs.

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Lesson Plan from 18-Aug-2022 to 10-Dec-2022
UG - 2nd & 3rd Year

Lecturer :	DR NUTAN SHARMA
Class with sem :	BCA Final
Subject / Paper :-	Visual Basic Th.

Week	Topics
18 Aug to 20 Aug	Introduction to VB, Visual and Non Visual Programming, Procedure Program, Object oriented Programming, Event driven Programming
22 Aug to 27 Aug	VB environment: menu bar, Tool bar, Project Explorer, Toolbar, Properties Window, Form Designer, Form Layout.
29 Aug to 3 Sep	Immediate window, Visual Development, Event-driven Programming, Revision, oral test & Quiz, written Test.
5 Sep to 10 Sep	Declaring variables, Repeat Declaring variables, Repeat Declaring variable, Types of variables, Revis types of Variable
12 Sep to 17 Sep	converting variables types, User defined data types, Forcing variables, Constants, Named & intrinsic operators, Arithmetic, Relation, logical operators
19 Sep to 24 Sep	Do-loop, for next, while Wend, Exit statement, Nested Control, Declaring & using array, one 2nd dimensional arrays, static arrays.
26 Sep to 1 Oct	Dynamic array, Array of collection, Adding, Removing, counting, returning item collection, Processing collection
3 Oct to 8 Oct	Test of 3rd Unit, discuss Problems, Revision, General Procedure, Event Procedure, Subroutines.

10 Oct to 15 Oct	Named argument, function returning custom data type, function returning arrays, revision working with menus.
17 Oct to 21 Oct	Showing forms, load and upload statements, creating menus, submenu, Pop up menu, Revision, Test discuss.
21 Oct to 29 Oct	Diwali Vacation
31 Oct to 5 Nov	Problems, Revision form load event menu designing in VB. Simple Programs in VB Test discuss.
7 Nov to 12 Nov	Problem, Presentation, General and event Procedures, Hiding and showing forms, Subroutine Functions.
14 Nov to 19 Nov	Optional Arguments form loads event Presentation Passing mechanism.
21 Nov to 26 Nov	Discuss query, Practice, Optional Arguments, Named arguments, Discuss Query practice.
28 Nov to 3 Dec	Menu designing in VB Simple Program in VB.
5 Dec to 10 Dec	Revision all syllabus, Test, MCQ discuss problems.

Devesh

Lesson Plan from 18-Aug-2022 to 10-Dec-2022
UG - 2nd & 3rd Year

Lecturer :	Dr NUTAN SHARMA
Class with sem :	BCA Final Year
Subject / Paper :-	Visual Basic Practical

Week	Topics
18 Aug to 20 Aug	Display a message, Demo for colors, Design an application that find the area of circle.
22 Aug to 27 Aug	if - Then Statement Design form, if - Then Statement And the larger number from two given numbers.
29 Aug to 3 Sep	Nested if Statement :- write a Program to calculate the HRA : Practice.
5 Sep to 10 Sep	if function, Select case statement Select case second format, Third format
12 Sep to 17 Sep	Looping structure : Do loop, Do while loop Do -loop while Do until : Loop, Do . Loop Until.
19 Sep to 24 Sep	while Wend, For Next, Nesting loop Practice. Design an Login screen, Selection and Replacing Text, Design simple notepad using
26 Sep to 1 Oct	Text box check box Practice, Option Button, List box and combobox controls, Scroll Bar control.
3 Oct to 8 Oct	Timer control, Line control, Shape control Image control.


10 Oct to 15 Oct	Picture box control, control Arrays in VB Practice
17 Oct to 21 Oct	one dimensional and Multi-dimensional Arrays. Static and dynamic Arrays.
21 Oct to 29 Oct	Diwali Vacation
31 Oct to 5 Nov	working with Multiple forms, setting the startup form
7 Nov to 12 Nov	Form Load event Active and deactivate event
14 Nov to 19 Nov	Designing Menus using Menueditor creating menus.
21 Nov to 26 Nov	Adding code to menus, POPUP Menu
28 Nov to 3 Dec	Accessing data through Record set object, Practice
5 Dec to 10 Dec	design a form using timer control. Accessing data base using ADO data control.

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Lesson Plan from 18-Aug-2022 to 10-Dec-2022
UG - 2nd & 3rd Year

Lecturer :	Ms. Deepika
Class with sem :	BCA - 3rd year
Subject / Paper :-	Computer Graphics

Week	Topics
18 Aug to 20 Aug	Introduction to Computer graphics.
22 Aug to 27 Aug	Basic of graphic system, Application area of Computer graphics, overview computer graphics, video display devices, Raster scan system.
29 Aug to 3 Sep	Revision, test, graphics, Monitor & workstation. Input devices, output, primitives, point & draw, line drawing algorithm. Mid-point.
5 Sep to 10 Sep	Circle, Sutherland algorithm, filled area, primitives, scan line polygon fill algorithm.
12 Sep to 17 Sep	Boundary fill, flood fill algorithm, Revision, quiz and oral test, draft, class, written test & D- geometrical, text font.
19 Sep to 24 Sep	Transformation b/w Co-ordinate system test & D viewing, the viewing, pipeline, test.
26 Sep to 1 Oct	Viewing coordinate dependent format - window to wire - post coordinate - format. viewing, the pipeline test.
3 Oct to 8 Oct	Clipping algorithm - Sutherland-Hodgman - polygon clipping - unit, S-D object, representation.


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10 Oct to 15 Oct	Quadratic, surfaces, spline representation, Hermite curve, Bézier, B-spline, B-splines, B-splines.
17 Oct to 21 Oct	Basic Representation Models, Polygon - clipping, Methods, revision.
21 Oct to 29 Oct	3-D geometric transformations, translation, Revision daily, Diwali Vacation
31 Oct to 5 Nov	Reflection, shear transformation, Composite transformation, rotation, test.
7 Nov to 12 Nov	Cohen - Sutherland and Cyrus - Beuker clipping algorithm. Polygons clipping.
14 Nov to 19 Nov	test. 1st unit, 3D views, Viewy - Pipeline view, Coordinates revision of
21 Nov to 26 Nov	Clipping algorithms, view volume and general project, test of transformations, and Clipping.
28 Nov to 3 Dec	problem solving - 1st unit, problem solving - 2nd unit - problem - 3rd unit.
5 Dec to 10 Dec	test of 1st unit. test of 2nd unit. test of 3rd unit. test of 4th unit.

Access

Lesson Plan from 18-Aug-2022 to 10-Dec-2022
UG - 2nd & 3rd Year

Lecturer :	Ms Deepika
Class with sem :	BCA - 3rd sem
Subject / Paper :-	Data Structure.

Week	Topics
18 Aug to 20 Aug	Introduction: elementary data organization
22 Aug to 27 Aug	Data structure definition, Datatype vs Data structure, categories of data structure, data structure operations, practices.
29 Aug to 3 Sep	Test, Applications of data structure, Algorithms complexity and time space tradeoff, Big-O notation, string, Introduction, Storing string
5 Sep to 10 Sep	String operations, Test, Pattern matching algorithms, Revision, Test 1st unit.
12 Sep to 17 Sep	Arrays: Introduction, Linear array, Representation of Linear array in memory, Address calculation Traversal, Insertion.
19 Sep to 24 Sep	Test, deletion in an array, Revision, Multi-dimensional array, Revision.
26 Sep to 1 Oct	Test, Parallel array, Revision, Sparse Arrays, linked list: introduction.
3 Oct to 8 Oct	Test, Array vs. linked list. Representation of linked list in memory, Traversal, Insertion, Revision. Test deletion, Searching in a linked list, Header linked list, circular linked list, Revision

10 Oct to 15 Oct	Test, Deletion, Searching in a linked list, Header linked list, Circular linked list, Revision. Test, two way linked list, Threaded lists, Garbage collection Application of linked list.
17 Oct to 21 Oct	Revision, whole unit Test, Stack: Introduction, Array and linked representation of stacks, operations on stacks. Applications of stack: Polish notation. Revision. Test.
21 Oct to 29 Oct	Diwali Vacation
31 Oct to 5 Nov	Test, Array and linked list Representation of queues, Revision, Test Revision, Tree: Introduction, Definition, Revision. Test, Definition, Revision.
7 Nov to 12 Nov	Test, Traversing binary Trees, Revision, Test Traversal algorithm using stack.
14 Nov to 19 Nov	Revision, Test, Revision, whole unit Test Revision, Graph: Introduction.
21 Nov to 26 Nov	Revision, Graph Theory Terminology, Sequential and Adj linked list representation of Graph. Revision, Test.
28 Nov to 3 Dec	Revision 1st unit, Revision 1st unit, Test Revision 2nd unit, Test.
5 Dec to 10 Dec	Revision 3rd unit, Revision 3rd unit Revision 4th unit, Revision 4th unit, Test.

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Lesson Plan from 22-Aug-2022 to 17-Dec-2022
UG - 1st Year

Lecturer :	Miss Renu / Miss Megha
Class with sem :	B.Sc I year (I sem)
Subject / Paper :-	Botany / Paper - I (Diversity of Microbes)

Week	Topics
22 Aug to 27 Aug	
29 Aug to 3 Sep	Introduction of Bacteria, General characteristics and Cell structure
5 Sep to 10 Sep	Reproduction modes - vegetative, asexual & recombination, Economic imp.
12 Sep to 17 Sep	Life cycle & economic imp. of Citrus Canker, Crown gall and Bacterial leaf Blight
19 Sep to 24 Sep	General characters of Virus & Nature of virus, Lytic & Lysogenic Cycle
26 Sep to 1 Oct	Structure of T-phage & TMV, Transmission of plant viral disease
3 Oct to 8 Oct	Economic imp. of viruses, General characteristics of algae & classification
10 Oct to 15 Oct	Economic imp. of algae & life history of <u>Nostoc</u> , <u>Volvox</u>

17 Oct to 21 Oct	Imp. features & Life history of <u>Oedogonium</u> , <u>Vaucheria</u>
21 Oct to 29 Oct	Diwali Vacation
31 Oct to 5 Nov	Imp. features & Life history of <u>Ectocarpus</u> and <u>Polysiphonia</u>
7 Nov to 12 Nov	Gen. characteristics, Classification upto classes
14 Nov to 19 Nov	Life cycle of <u>Rhizopus</u> , <u>Penicillium</u>
21 Nov to 26 Nov	Life cycle of <u>Puccinia</u> , <u>Collectotrichum</u>
28 Nov to 3 Dec	Lichens & Mycorrhiza: general account, types & significance.
5 Dec to 10 Dec	Economic Imp. of Fungi
12 Dec to 17 Dec	Revision

Lesson Plan from 22-Aug-2022 to 17-Dec-2022
UG - 1st Year

Lecturer :	Miss Renu / Miss Megha
Class with sem :	B.Sc I year (I sem)
Subject / Paper :-	Botany , Paper II (Diversity of Algae, Fungi & Bryophytes)

Week	Topics
22 Aug to 27 Aug	
29 Aug to 3 Sep	General characteristics , classification , Alternation of generation
5 Sep to 10 Sep	Economic imp. of Bryophyta Morphology , anatomy & reprod ⁿ of <u>Marchantia</u>
12 Sep to 17 Sep	Morphology , anatomy & reprod ⁿ of <u>Anthoceros</u> and <u>Funaria</u> .
19 Sep to 24 Sep	Economic imp. of Bryophyta General characters & classification of Pteridophytes
26 Sep to 1 Oct	General account of fossils & types Fossil Pteridophytes (Rhynia , Lyginopteris)
3 Oct to 8 Oct	Stelar system & its evolution , Heterospory and seed habit.
10 Oct to 15 Oct	Apogamy & apospory , Economic imp. of Pteridophytes.

17 Oct to 21 Oct	Structure & reprod ⁿ of <u>Selaginella</u> , <u>Equisetum</u>
21 Oct to 29 Oct	Diwali Vacation
31 Oct to 5 Nov	Structure & reprod ⁿ of <u>Pteris</u> General characters of Gymnosperms
7 Nov to 12 Nov	Classification upto classes.
14 Nov to 19 Nov	Morphology , anatomy & reproduction of <u>Cycas</u>
21 Nov to 26 Nov	Morphology , anatomy & reproduction of <u>Pinus</u>
28 Nov to 3 Dec	Economic importance of gymnosperms.
5 Dec to 10 Dec	Revision (Unit I + Unit II)
12 Dec to 17 Dec	Revision (Unit III + Unit IV)

Lesson Plan from 22-Aug-2022 to 17-Dec-2022
UG - 1st Year

Lecturer :	Miss Renu / Miss Megha
Class with sem :	B.Sc I year (I sem)
Subject / Paper :-	Botany , Paper III (Practical) Diversity of Microbes + Div. of Archegoniates & Gymnosperms.

Week	Topics
22 Aug to 27 Aug	
29 Aug to 3 Sep	Study of Bacteria & viruses from charts & Models.
5 Sep to 10 Sep	Study of Morphological & reproductive characters of algal members
12 Sep to 17 Sep	Morphological & reproductive characters of <u>Rhizopus</u> , <u>Penicillium</u> , <u>Puccinia</u> , <u>Collectotrichum</u>
19 Sep to 24 Sep	Study of growth forms of lichens & mycorrhiza (Photographs & Slides)
26 Sep to 1 Oct	<u>Marchantia</u> - morphology of thallus , w.M rhizoids & scales , v.s thallus through gemma cup , v.M gemmae (Temporary slides)
3 Oct to 8 Oct	<u>Marchantia</u> - v.s antheridophore , archegoniophore L.S sporophyte (Permanent slides) <u>Funaria</u> - Antheridia , Archegonia , L.S capsule (Permanent slides)
10 Oct to 15 Oct	<u>Funaria</u> - morphology , w.M leaf schizoids , operculum , peristome , annulus , spores (Temporary slides)

17 Oct to 21 Oct	<u>Selaginella</u> - Morphology, W.M leaf with ligule, T.S stem, W.M strobilus, W.M microsporophyll & megasporophyll (temporary slides)
21 Oct to 29 Oct	Diwali Vacation
31 Oct to 5 Nov	<u>Selaginella</u> - L.S Strobilus (permanent slide) <u>Equisetum</u> - T.S internode, L.S & T.S strobilus W.M microsporophyll & megasporophyll (temporary slide)
7 Nov to 12 Nov	<u>Equisetum</u> - T.S rhizome (permanent slide) Permanent slides of young sporophyte, <u>Pteris</u> - T.S rhizome, W.M prothallus,
14 Nov to 19 Nov	<u>Pteris</u> - morphology T.S rachis, V.S sporophyll, W.M sporangiophore, W.M spores (temporary slides)
21 Nov to 26 Nov	<u>Cycas</u> - L.S ovule & T.S root (permanent slide) morphology, T.S coralloid root, T.S rachis (temporary slides)
28 Nov to 3 Dec	<u>Cycas</u> - V.S leaflet, V.S of microsporophyll, W.M spores (temporary slides) <u>Pinus</u> - L.S female cone, T.LS & RLS stem (Permanent slides)
5 Dec to 10 Dec	<u>Pinus</u> - W.M dwarf shoot, T.S needle, T.S stem, T.S/L.S male cone, W.M microsporophyll, W.M spores (Temporary slides)
12 Dec to 17 Dec	Revision of Permanent slides + viva prep.

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Lesson Plan from 18-Aug-2022 to 10-Dec-2022
UG - 2nd & 3rd Year

Lecturer :	Miss Megha Anuja
Class with sem :	B.Sc II nd year / III rd Semester
Subject / Paper :-	Botany / plant Anatomy paper-I

Week	Topics
18 Aug to 20 Aug	
22 Aug to 27 Aug	Meristematic Tissue - Apical Meristems Intercalary Meristems, lateral Meristems Role of meristematic cell, Root Apical Meristem
29 Aug to 3 Sep	Permanent Tissue - Simple permanent tissue Complex permanent tissue and Secretory Permanent Tissue - Role of Xylem & phloem
5 Sep to 10 Sep	Shoot Apical Meristems, vascular cambium Activity of Cambium structure and function of cambium.
12 Sep to 17 Sep	Revision of unit - I with help of flow chart diagrams. Revision of Key point Test of unit - I (oral)
19 Sep to 24 Sep	Primary structure of shoot Apical Meristem Primary structure of Monocot stem Secondary growth in Dicot stem
26 Sep to 1 Oct	Difference of Heart wood and Sap Wood Abnormal Secondary growth in Diacaena & formation of cambium functions.
3 Oct to 8 Oct	Abnormal Secondary growth in Boerhaavia & formation of cambium function. Abnormal secondary growth in Amaranthus

10 Oct to 15 Oct	Root Apical Meristem structure Modification of root and function of root shoot Apical Meristem structure Modification
17 Oct to 21 Oct	Phyllotaxy, Types of leaves Revision of unit - 2 with help of flowchart Key point Test of unit - 2 (oral)
21 Oct to 29 Oct	Diwali Vacation
31 Oct to 5 Nov	Epidermal Appendage and their Morphological Types, function of leaf, Different Types of venations.
7 Nov to 12 Nov	Anatomy of Monocot and Dicot leaf Leaf Abscission and its role
14 Nov to 19 Nov	Stomatal Apparatus and their role Morphological Types and Different Role of stomata in plants.
21 Nov to 26 Nov	Revision of unit - 3 & 4 Test of unit - 3 & 4
28 Nov to 3 Dec	Revision of unit - 1 & 2 Test of unit - 1 & 2
5 Dec to 10 Dec	Complete revision of All syllabus with help of Diagram & flow chart. Complete Test -

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Lesson Plan from 18-Aug-2022 to 10-Dec-2022
UG - 2nd & 3rd Year

Lecturer :	Miss Megha Arora
Class with sem :	B.Sc II nd year III rd Semester
Subject / Paper :-	Botany plant Embryology Paper-II

Week	Topics
18 Aug to 20 Aug	
22 Aug to 27 Aug	Structural Organization of flower - floral parts & their function. Structure & development of Anther.
29 Aug to 3 Sep	Structure and development of pollen grain. Structure and Types of ovules.
5 Sep to 10 Sep	Structure and Type of ovule, Types of Embryosac. Organization and Ultra-structure of Mature Embryo Sac.
12 Sep to 17 Sep	Types of Placentation, Brief Account of Palynology, Pollination Mechanisms and adaptation.
19 Sep to 24 Sep	Pollen pistil Interaction, self-incompatibility, Pollen Storage and its significance.
26 Sep to 1 Oct	Revision of complete unit-1 with help of flow chart & Diagrams Test of unit-1
3 Oct to 8 Oct	Pollen storage and its significance Pollen germination. Significance of Self and cross pollination.

Megha

10 Oct to 15 Oct	Double Fertilization, Seed Structure of Dicot & Monocot. Revision of unit - 1 & 2 with help of flow chart & Diagram
17 Oct to 21 Oct	Endospermic & Non endospermic Seed Types of fruit and their Dispersal Mechanism.
21 Oct to 29 Oct	Diwali Vacation
31 Oct to 5 Nov	Seed Dormancy, Mechanism factor affecting Dormancy, Method to overcome the dormancy.
7 Nov to 12 Nov	Endosperm - structure & Types and Function & Aponixis.
14 Nov to 19 Nov	Dicot and Monocot Embryo, Structure & Development & Function.
21 Nov to 26 Nov	Polyembryony, Seed germination (epigeal and hypogeal condition)
28 Nov to 3 Dec	Revision of unit - 3 & 4 Test of unit - 3 & 4
5 Dec to 10 Dec	Complete Revision of All Syllabus. Test of complete Syllabus.

Lesson Plan from 18-Aug-2022 to 10-Dec-2022
UG - 2nd & 3rd Year

Lecturer :	Miss Megha Anuja
Class with sem :	B.Sc 2nd year IIIrd Semester
Subject / Paper :-	Botany Paper I & II

Week	Topics
18 Aug to 20 Aug	
22 Aug to 27 Aug	Meristem Tissue Permanent Slide Permanent Tissue Parenchyma, Collenchyma, Sclerenchyma permanent slide
29 Aug to 3 Sep	Xylem, - Xylem Tracheids, Xylem fibres. Xylem parenchyma, Xylem vessel Permanent slide
5 Sep to 10 Sep	To cut the T.S of Normal root & coralloid root of Ucas with a Morphological note on it.
12 Sep to 17 Sep	To cut the Secondary growth in Normal root. T.S of young stem, T.S of old stem of
19 Sep to 24 Sep	To study of different kind of Stomata cell and cut the Section.
26 Sep to 1 Oct	To Study the Monocot & dicot root and prepared the permanent slide.
3 Oct to 8 Oct	To study the Monocot & dicot stem and prepared the permanent slide

10 Oct to 15 Oct	To study the Secondary growth in Dicot and Monocot leaf from the Permanent slide.
17 Oct to 21 Oct	To cut the T.S of <i>Dracena</i> + <i>Achyranthus</i> and study the anomalous growth.
21 Oct to 29 Oct	Diwali Vacation
31 Oct to 5 Nov	To cut the T.S of <i>Boerhavia</i> and study the anomalous growth.
7 Nov to 12 Nov	Structure of Anther and Prepared the slide of different layers of Anther.
14 Nov to 19 Nov	Structure of embryo sac - globular Heart, different types of ovules - Anatropus, orthotropus, amphitropus.
21 Nov to 26 Nov	Study of female gametophyte - <i>Polygonum</i> development.
28 Nov to 3 Dec	Pollination, Types of pollination, placentations, pollen germinations.
5 Dec to 10 Dec	Revision of complete syllabus revision of permanent slide

Lesson Plan from 18-Aug-2022 to 10-Dec-2022
UG - 2nd & 3rd Year

Lecturer :	Ms. Sonu Sharma
Class with sem :	Bsc 3rd year, 5 th sem
Subject / Paper :-	Botany / Paper - I (Plant Physiology)

Week	Topics
18 Aug to 20 Aug	Introduction of Plant water relations Importance of water to plant life, Physical properties of water, imbibition.
22 Aug to 27 Aug	Diffusion and osmosis, absorption and transport of water, trans- piration.
29 Aug to 3 Sep	Physiology of stomata, mineral nutrition, Essential micro and macro elements and their role.
5 Sep to 10 Sep	Mineral uptake & deficiency symptoms Transport of organic substances, Mechanism of phloem transport, source-sink relationship.
12 Sep to 17 Sep	factors affecting translocation, photo- synthesis significance, historical aspects, photosynthetic pigments, action spectra.
19 Sep to 24 Sep	Enhancement effects, concept of two photosystems, Z- scheme, photo- phosphorylation, calvin cycle.
26 Sep to 1 Oct	C ₄ - pathway, CAM plants, photorespiration, Growth and development (introduction)
3 Oct to 8 Oct	Phases of growth & development, seed dormancy, physiology of senescence & fruit ripening.

Sonali
Principal

10 Oct to 15 Oct	Plant movements, the concept of photoperiodism.
17 Oct to 21 Oct	physiology of flowering, florigen concept, Plant hormones (introduction).
21 Oct to 29 Oct	Diwali Vacation
31 Oct to 5 Nov	Auxin (history of discovery, mechanisms of action & physiological roles), history of discovery of Gibberellins
7 Nov to 12 Nov	Mechanism of action and physiological roles of Gibberellins, history of discovery of cytokinin.
14 Nov to 19 Nov	Mechanism of action and physiological roles of cytokinin, ABA (history, Mechanism & physiological roles).
21 Nov to 26 Nov	History of discovery, Mechanism of action & physiological role of Ethylene. Introduction of photomorphogenesis
28 Nov to 3 Dec	Phytochromes and their discovery, physiological role & mechanism of action. + Revision.
5 Dec to 10 Dec	Revision + Doubt class + class test

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Lesson Plan from 18-Aug-2022 to 10-Dec-2022
UG - 2nd & 3rd Year

Lecturer :	Ms. Sonu Sharma
Class with sem :	Bsc 3rd year, 5 th sem
Subject / Paper :-	Botany / Paper-II (Ecology)

Week	Topics
18 Aug to 20 Aug	Introduction of Ecology, Definition, scope and importance, levels of organisation.
22 Aug to 27 Aug	Environment:- Introduction, environmental factors - climatic (water, humidity, wind, light, temp.).
29 Aug to 3 Sep	Edaphic factors (soil profile, physico-chemical properties), topographic & biotic factors (species interaction)
5 Sep to 10 Sep	Adaptations of plants to water stress and salinity (morphological and anatomical features of hydrophytes & xerophytes & halophytes).
12 Sep to 17 Sep	Population ecology: concepts, characteristics (qualitative & quantitative, analytical & synthetic), Biotic potential & growth curves.
19 Sep to 24 Sep	Ecotypes & Ecads, Community ecology: concepts, characteristics, methods of analysis.
26 Sep to 1 Oct	Ecological succession, Ecosystem: str. (components) and functions (trophic levels, food chains & food webs)
3 Oct to 8 Oct	Ecological pyramids & Energy flow, Biogeochemical cycles: carbon, nitrogen, phosphorus & hydrological cycle.

Sonali

10 Oct to 15 Oct	phytogeography: Phytogeographical regions of India, vegetation types of India (forests).
17 Oct to 21 Oct	Environmental pollution: Sources, types and control of Air and water pollution.
21 Oct to 29 Oct	Diwali Vacation
31 Oct to 5 Nov	Global change: Greenhouse effect and Greenhouse gases, impact of global warming.
7 Nov to 12 Nov	Carbon trading, ozone layer depletion.
14 Nov to 19 Nov	Biomagnification + Revision
21 Nov to 26 Nov	Revision + Doubt class
28 Nov to 3 Dec	full syllabus test
5 Dec to 10 Dec	Revision + Doubt class.

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Lesson Plan from 18-Aug-2022 to 10-Dec-2022
UG - 2nd & 3rd Year

Lecturer :	Ms. Sonu Sharma
Class with sem :	Bsc 3rd year, 5th sem.
Subject / Paper :-	Botany / practical

Week	Topics
18 Aug to 20 Aug	Introduction
22 Aug to 27 Aug	To demonstrate the phenomenon of imbibition by plates of Paris method.
29 Aug to 3 Sep	To demonstrate the phenomenon of plasmolysis and deplasmolysis in living plant cells, To compare stomatal & cuticular transpiration by four leaves method.
5 Sep to 10 Sep	To compare cuticular & stomatal transpiration in a bifacial leaf by cobalt chloride method. To demonstrate that transpiration creates a suction force called transpiration pull.
12 Sep to 17 Sep	To demonstrate the phenomenon of transpiration by Ganong's potometer.
19 Sep to 24 Sep	To demonstrate that ascent of sap in plants occurs through xylem tissue.
26 Sep to 1 Oct	To demonstrate the production of CO ₂ in aerobic respiration by conical flask method.
3 Oct to 8 Oct	To find out the effect of diff. light intensities on the rate of photosynthesis using wilmoth's bubbles.

10 Oct to 15 Oct	To determine the rate of photosynthesis under varying conc ⁿ of CO ₂ .
17 Oct to 21 Oct	To study various adaptations in hydrophytes:- Lemna, Hydrilla, Pistia, Vallisneria, Eichhornia, Utricularia, Trapa bispinata
21 Oct to 29 Oct	Diwali Vacation
31 Oct to 5 Nov	To study various adaptations in xerophytes:- Agave, Acacia aciculiformis, Opuntia, Ruscus, Bryophyllum, Calotropis, Ziziphus, Acacia arabica, Nerium, Euphorbia & Asparagus.
7 Nov to 12 Nov	To determine the soil pH using pH paper and universal indicator.
14 Nov to 19 Nov	To determine minimum size of quadrats by species-area curve method.
21 Nov to 26 Nov	To determine minimum number of quadrats required for sampling.
28 Nov to 3 Dec	To determine species-abundance by quadrat method.
5 Dec to 10 Dec	Revision + File check + viva preparation

Lesson Plan from 22-Aug-2022 to 17-Dec-2022

UG - 1st Year

Lecturer :	Dr. Kumari Sangita
Class with sem :	B.Sc I
Subject / Paper :-	Chemistry (Paper - I)

Week	Topics
22 Aug to 27 Aug	Atomic Structure: what is Quantum Mechanics? Time independent Schrodinger equation, Significance of ψ and ψ^2 , Schrodinger equation for hydrogen Atom, Radial and Angular parts of Hydrogenic ψ .
29 Aug to 3 Sep	Atomic orbitals for 1s, 2s, 3s, 3p and 3d orbitals Radial and Angular Nodes and their significance. Quantum No., Orbital Quantum No., Spin Quantum No., Nodal planes.
5 Sep to 10 Sep	Shape of s, p and d atomic orbital. Discovery of Spin Quantum No. and Magnetic Quantum No. Chemical Bonding: - Statement of Born-Landé equation for calculation of lattice energy Born-Haber cycle.
12 Sep to 17 Sep	Fajan Rules, Ionic Character in Covalent compounds. Bond moment, Dipole moment and percentage ionic character. Covalent Bonding, Valence Bond Approach.
19 Sep to 24 Sep	Shapes of inorganic molecules and ions on the basis of VSEPR and hybridisation with suitable examples of Linear, Trigonal planar, Square planar, Tetrahedral, Trigonal Bipyramidal and octahedral.
26 Sep to 1 Oct	MO Approach: - Rules for LCAO method, Bonding and Antibonding MO's and their characteristics. MO treatment of Homonuclear Diatomic molecules of 1st and 2nd period, and Heteronuclear Diatomic
3 Oct to 8 Oct	Molecules such as CO, NO, NO ⁺ , fundamental of Organic Chemistry, Physical effect, Inductive effect, Electromeric, Resonance and Hyperconjugation, Homolysis, Heterolysis, Aromaticity: Benzene, Huckel Rule.
10 Oct to 15 Oct	Structure, Shape and reactivity of Nucleophilic and Electrophilic, Reactive intermediate: Carbocation, Carboanions, Reactive Intermediate: Free radicals.

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17 Oct to 21 Oct	Strength of organic acids and Bases : Comparative Study with emphasis on factors affecting pK _a values Unit IV : - Conformation with respect to ethane, Butane, and Cyclohexane, Interconversions wedge
21 Oct to 29 Oct	Diwali Vacation
31 Oct to 5 Nov	Newmann, Sawhorse, Fischer projection. Concept of Chirality (up to Carbon Atom 2) Configuration: Geometrical and optical isomerism.
7 Nov to 12 Nov	Enantiomerism [Properties], Diastereoisomerism, Meso Compound. Cis and Trans Nomenclature.
14 Nov to 19 Nov	D and L, Threo and erythro, Cahn Ingold, Prelog, Rules for R/S (upto 2 Chiral Carbon atom) Elements of Symmetry.
21 Nov to 26 Nov	E and Z Nomenclatures. Difference between Configuration and Conformational. (Test of Unit IV)
28 Nov to 3 Dec	Revision of Unit I and Unit II (half)
5 Dec to 10 Dec	Revision of Unit II, Unit III, Unit IV
12 Dec to 17 Dec	Full Paper Revision and full Test.

Lesson Plan from 22-Aug-2022 to 17-Dec-2022

UG - 1st Year

Lecturer :	Miss Jyotika
Class with sem :	1 st year (1 st Sem).
Subject / Paper :-	Chemistry [States of Matter & Aliphatic Hydrocarbons]

Week	Topics
22 Aug to 27 Aug	
29 Aug to 3 Sep	Unit - I (Kinetic Theory of Gases) Postulates of Kinetic Theory of gases derivation of Kinetic gas equation. Deviation of real gases from ideal Behaviour, Compressibility factor, Cause of deviation, Van der Waals equation
5 Sep to 10 Sep	Boyle's Temp., Critical phenomenon, Critical constants & their calculation from Van der Waals equation. Andrews isotherms of CO ₂ . Maxwell Boltzmann Distribution Law of Molecular
12 Sep to 17 Sep	Velocities & Molecular energies. Temp. Dependence of Distributions Most probable, Average & Root Mean square Velocities
19 Sep to 24 Sep	Collision Cross section, Collision no. Collision frequency, Mean free path. Viscosity of gases & effect of Temp. & pressure on coefficient of viscosity.
26 Sep to 1 Oct	Unit II :- Liquids :- Surface Tension & its determination using stalagmometer. Viscosity of a liquid & Determination of Coefficient of viscosity
3 Oct to 8 Oct	Solids - Bravais lattice, types & identification of lattice planes. Laws of Crystallography - Law of Interfacial angles, Law of Rational indices. Test of Unit - I.
10 Oct to 15 Oct	Unit III :- Alkanes :- Preparation: Catalytic hydrogenation. Wurtz Reaction, Kolbe's Synthesis from Grignard Reagent. Reactions: Free Radical substitution. Halogenation.


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17 Oct to 21 Oct	Cycloalkanes: Nomenclature, Synthesis of the Cycloalkanes & their derivatives - photochemical [2+2] cycloaddition reactions, Sehalogenation of Dihalides. [Test of Unit II]
21 Oct to 29 Oct	Diwali Vacation
31 Oct to 5 Nov	Bayer strain Theory & its limitation, Theory of strainless rings [Test of Unit-III]
7 Nov to 12 Nov	Alkenes:- cis Addition, elimination Reactions, Dehydration of Alkenes & Dehydrohalogenation of Alkyl Halides
14 Nov to 19 Nov	Unit IV :- Alkenes:- Addition of HX (Markonikoff's & Anti Markonikoff's addition)
21 Nov to 26 Nov	Alkynes:- Preparation: Acetylene from CaC_2 & conversion into higher alkynes, by sehalogenation of Tetra halides.
28 Nov to 3 Dec	Reactions: formation of Metal Acetylides, Addition of Bromine & Alkaline $KMnO_4$, Ozonolysis.
5 Dec to 10 Dec	← Revision of Unit I & Unit II →
12 Dec to 17 Dec	← Revision of Unit III & Unit IV →

Lesson Plan from 22-Aug-2022 to 17-Dec-2022

UG - 1st Year

Lecturer :	D. H. Kumari Sangita, Ms. Syotika, Ms. Simaran
Class with sem :	B.Sc. I st year & 1 sem. (Group - I to VI) (2 days per week per group)
Subject / Paper :-	Chemistry Practical

Week	Topics
22 Aug to 27 Aug	
29 Aug to 3 Sep	Inorganic Chemistry Estimation of oxalic acid by titrating it with $KMnO_4$
5 Sep to 10 Sep	Estimation of water of crystallisation in Mohr's salt by titrating with $KMnO_4$.
12 Sep to 17 Sep	Determine the atomic weight of Metal M, provided $M/20$ $KMnO_4$ sol or 2.5g M_2O_7 salt.
19 Sep to 24 Sep	Organic chemistry :- To study the process of sublimation of camphor
26 Sep to 1 Oct	To study the process of sublimation of Phthalic acid.
3 Oct to 8 Oct	Determine the surface tension of given liquid using stalagnometer by drop number method.
10 Oct to 15 Oct	Determination of Viscosity of a liquid or dilute sol ⁿ using an Ostwald's Viscometer.


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17 Oct to 21 Oct	Separation of mixture by chromatography, measure the Rf Value, Introduction.
21 Oct to 29 Oct	Diwali Vacation
31 Oct to 5 Nov	Identify and separate the component of a given mixture of 2 amino acids, glycine, aspartic acid, tyrosine or other by paper chromatography.
7 Nov to 12 Nov	Identify and separate the sugar present in the given mixture by paper chromatography.
14 Nov to 19 Nov	Revision
21 Nov to 26 Nov	Revision
28 Nov to 3 Dec	Viva-voice
5 Dec to 10 Dec	Viva-Voice
12 Dec to 17 Dec	odd semester practical Examination.

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Lesson Plan from 18-Aug-2022 to 10-Dec-2022
UG - 2nd & 3rd Year

Lecturer :	Mrs. Rachna Ahora
Class with sem :	B.Sc II nd year / sem 3 rd
Subject / Paper :-	Chemistry chemical Equilibria and Functional Group organic chemistry - II

Week	Topics
18 Aug to 20 Aug	<u>Chemical Equilibrium</u> : Equilibrium constant and free energy, concept of chemical potential
22 Aug to 27 Aug	Thermodynamic derivation of law of chemical equilibrium Temperature dependence of equilibrium constant, Van't Hoff reaction isochore
29 Aug to 3 Sep	Van't Hoff reaction isotherm. Le-chatelier's principle and its applications, Clapeyron equation and Clausius-Clapeyron equation & its applications.
5 Sep to 10 Sep	<u>Distribution Law</u> : Nernst distribution law - its thermodynamic derivation, Modification of distribution law when solute undergoes dissociation, association and chemical combination
12 Sep to 17 Sep	Applications of distribution law: Determination of degree of hydrolysis and hydrolysis constant of aniline hydrochloride.
19 Sep to 24 Sep	Determination of equilibrium constant of potassium tri-iodide complex and process of extraction. Test of Distribution law.
26 Sep to 1 Oct	<u>Carboxylic Acids I</u> : Nomenclature, structure and bonding of carboxylic acids, physical properties, acidity of carboxylic acids.
3 Oct to 8 Oct	effects of substituents on acid strength. Methods of preparation of carboxylic acids.


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10 Oct to 15 Oct	Reaction and mechanism of Hell-Volhard-Zelinsky reaction of carboxylic acids, decarbonylation. Assignment on carboxylic acids.
17 Oct to 21 Oct	Test on carboxylic acids I. <u>Carboxylic acids II</u> : Structure, nomenclature
21 Oct to 29 Oct	Diwali Vacation
31 Oct to 5 Nov	Preparation of acid chlorides, esters, amides and acid anhydrides. Relative stability of acyl derivatives
7 Nov to 12 Nov	Physical properties, inter conversion of acid derivatives by nucleophilic acyl substitution.
14 Nov to 19 Nov	Mechanism of esterification and hydrolysis (acidic and basic) Test of carboxylic acids II
21 Nov to 26 Nov	Revision of unit I & II
28 Nov to 3 Dec	Revision of unit III & IV
5 Dec to 10 Dec	Revision of full syllabus

Lesson Plan from 18-Aug-2022 to 10-Dec-2022
UG - 2nd & 3rd Year

Lecturer :	Ms. Pooja Sharma
Class with sem :	B.Sc II nd year (Sem III rd)
Subject / Paper :-	Paper -II Coordination Chemistry and Chemical Kinetics (chemistry)

Week	Topics
18 Aug to 20 Aug	<u>Coordination Chemistry -I</u> : Werner's theory of coordination compounds, nomenclature of coordination compounds
22 Aug to 27 Aug	Isomerism in coordination compounds, Valence bond theory of transition metal complex and its limitations.
29 Aug to 3 Sep	Crystal field theory, crystal field splitting in octahedral, tetrahedral and square planar complexes
5 Sep to 10 Sep	Factors affecting the crystal field splitting. Problems related to coordination Chemistry -I. Unit Test of coordination chemistry -I
12 Sep to 17 Sep	<u>Coordination chemistry -II</u> : Types of magnetic behaviour, methods of determining magnetic susceptibility, spin-only formula.
19 Sep to 24 Sep	L-S coupling, Orbital contribution of magnetic moments Application of magnetic moment data for 3d-metal complexes.
26 Sep to 1 Oct	Types of electronic transitions selection rules for d-d transitions, spectroscopic ground states, Spectrochemical series
3 Oct to 8 Oct	Orbital energy level diagram for d ¹ and d ⁹ states, discussion of the electronic spectrum of $[\text{Ti}(\text{H}_2\text{O})_6]^{3+}$ complex ion Assignment on coordination chemistry.

10 Oct to 15 Oct	Kinetics-I: Rate of reaction, rate equation, factors influencing the rate of a reaction: Concentration, temperature, pressure, solvent, light, catalyst.
17 Oct to 21 Oct	Order of a reaction, integrated rate expression for zero order, first order, second and third order reaction. Half life period of a reaction.
21 Oct to 29 Oct	Diwali Vacation
31 Oct to 5 Nov	Methods of determination of order of reaction, consecutive reaction, series reaction, Parallel reactions (Elementary idea). Test of Kinetics-I
7 Nov to 12 Nov	Kinetics-II: Effect of temperature on the rate of reaction-Arrhenius equation. Theories of reaction rate - Simple collision theory for unimolecular reaction.
14 Nov to 19 Nov	Transition state theory, Enzymatic reaction: Michaelis-Menton Treatment, Acid-Base catalysed reactions.
21 Nov to 26 Nov	Revision of unit Kinetics-II. Test of unit Kinetics-II
28 Nov to 3 Dec	Revision of unit I & II
5 Dec to 10 Dec	Revision of unit III & IV

Lesson Plan from 18-Aug-2022 to 10-Dec-2022
UG - 2nd & 3rd Year

Lecturer :	Dr. Ritika chaudhary, Ms. Vidhushi, Ms. Pooja Sharma, Ms. Simran
Class with sem :	B.Sc IInd year & Sem 3rd (Group - I to VI) (2 days per week per group)
Subject / Paper :-	Chemistry Practical / 20UCHE303

Week	Topics
18 Aug to 20 Aug	
22 Aug to 27 Aug	Introduction of complexometric titrations Determination of Mg^{2+} and Zn^{2+} by EDTA
29 Aug to 3 Sep	Introduction of gravimetric Analysis. Gravimetric Analysis Quantitative estimations of, Cu^{2+} as copper thiocyanate and Ni^{2+} as Ni-dimethylglyoxime.
5 Sep to 10 Sep	To determine the specific reaction rate of the hydrolysis of methyl acetate/ethyl acetate catalyzed by hydrogen ions at room temperature.
12 Sep to 17 Sep	To prepare arsenious sulphide sol and compare the precipitating power of mono-, bi- and trivalent anions.
19 Sep to 24 Sep	Preparation and purification through crystallization and distillation method introduction. Explaining melting point & boiling point determination method.
26 Sep to 1 Oct	Preparation of m-Dinitrobenzene from nitrobenzene. Preparation of Dibenzalacetone from acetone and benzaldehyde.
3 Oct to 8 Oct	Preparation of Aspirin from salicylic Acid.

10 Oct to 15 Oct	Preparation of atleast one pure solid derivative of the following simple mono and bifunctional organic compounds
17 Oct to 21 Oct	- do -
21 Oct to 29 Oct	Diwali Vacation
31 Oct to 5 Nov	- do -
7 Nov to 12 Nov	- do -
14 Nov to 19 Nov	Revision of Inorganic chemistry Practical
21 Nov to 26 Nov	Revision of Physical chemistry Practical
28 Nov to 3 Dec	Revision of organic chemistry Practical
5 Dec to 10 Dec	Revision of full syllabus

Lesson Plan from 18-Aug-2022 to 10-Dec-2022

UG - 2nd & 3rd Year

Lecturer :	Ms. Vidushi
Class with sem :	B.Sc III (V th Sem.)
Subject / Paper :-	Inorganic Chemistry

Week	Topics
18 Aug to 20 Aug	
22 Aug to 27 Aug	Metal-Ligand bonding in transition metal complex, Limitation of valence bond theory.
29 Aug to 3 Sep	An elementary idea of Crystal-field theory, Crystal field splitting theory.
5 Sep to 10 Sep	Crystal field splitting in octahedral Complex.
12 Sep to 17 Sep	Crystal field splitting in tetrahedral Complex.
19 Sep to 24 Sep	Crystal field splitting in square planar Complex. factor affecting CFSE.
26 Sep to 1 Oct	Thermodynamic and Kinetic aspects of metal Complex.
3 Oct to 8 Oct	Stepwise and overall stability Constant.


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10 Oct to 15 Oct	Factor affecting the study / stability of metal Complex: Trans effect, Theories of trans effect.
17 Oct to 21 Oct	Substitution reaction of square planar Complexes. Test: → Unit - 1
21 Oct to 29 Oct	Diwali Vacation
31 Oct to 5 Nov	Magnetic properties of transition metal Complexes. Types of magnetic behaviour. Method of determining magnetic susceptibility.
7 Nov to 12 Nov	Spin-only formula, L-S Coupling, Correlation of μ_s and μ_{eff} values. Orbital contribution to magnetic moments.
14 Nov to 19 Nov	Application of magnetic moment data for 3d metal Complex: Rules for d-d transition. Assignment on Chapter - II
21 Nov to 26 Nov	Spectroscopic ground states, Spectrochemical series, Orgel - energy level diagram for d^1 and d^9 states.
28 Nov to 3 Dec	Discussion of the electronic spectrum of $[Ti(H_2O)_6]^{3+}$ Complex Ion.
5 Dec to 10 Dec	Revision of Section - A, Section - B.

Lesson Plan from 18-Aug-2022 to 10-Dec-2022
UG - 2nd & 3rd Year

Lecturer :	Dr. Kritika Chaudhary
Class with sem :	B. Sc. 5 th sem. Sec-1,2,3 (2 days per week per section)
Subject / Paper :-	Chemistry P-II (Physical Chemistry)

Week	Topics
18 Aug to 20 Aug	Black-body radiation, Planck's radiation law, Photoelectric Effect, Heat Capacity of Solids.
22 Aug to 27 Aug	Compton Effect, wave function and its significance of Postulates of quantum mechanics, Quantum mechanical operators, Commutation relations
29 Aug to 3 Sep	Hamiltonian Operator, Hermitian Operator, average value of square of Hermitian or a positive quantity, Role of operators in quantum mechanics
5 Sep to 10 Sep	To show quantum mechanically that position and momentum cannot be predicted simultaneously, Determination of wave function & energy of a particle in 1-D box, Pictorial representation and its significance.
12 Sep to 17 Sep	Test for Quantum Mechanics Optical activity, polarization. (Clausius-Mossotti Equation)
19 Sep to 24 Sep	Orientation of dipoles in an electric field, dipole moment, Induced dipole moment, measurement of dipole moment-temperature method and refractivity method, Dipole moment and structure of molecules
26 Sep to 1 Oct	Magnetic permeability, Magnetic susceptibility and its determination, Application of Magnetic susceptibility, magnetic properties - paramagnetism, diamagnetism and ferromagnetic. Assignment On Physical Properties and its Molecular structure.
3 Oct to 8 Oct	<u>Spectroscopy-I</u> Introduction: Electromagnetic radiation, regions of spectrum, basic features of spectroscopy, statement of Born approximation, Degree of freedom.


10 Oct to 15 Oct	<u>Rotational Spectrum</u> : Diatomic molecules, Energy levels of rigid rotator, selection rules, Spectral intensity distribution using population distribution, Determination of bond length.
17 Oct to 21 Oct	Qualitative description of non-rigid rotator, Isotope Effect. <u>Vibrational spectrum</u> : Energy levels of simple harmonic oscillator, selection rules, pure vibrational spectrum intensity
21 Oct to 29 Oct	Diwali Vacation
31 Oct to 5 Nov	Determination of force constant and Qualitative relation of force constant and bond energies, Effects of anharmonic motion and isotopic effect on the spectra Presentation On Spectroscopy
7 Nov to 12 Nov	Idea of vibrational frequencies of different functional groups. <u>Raman spectrum</u> : Concept of polarizability, pure rotational spectra.
14 Nov to 19 Nov	Pure vibrational Raman spectra of diatomic molecules, selection rules, Quantum theory of Raman spectra.
21 Nov to 26 Nov	Revision of section A and B
28 Nov to 3 Dec	Revision of section C and D
5 Dec to 10 Dec	Complete revision of full syllabus

Lesson Plan from 18-Aug-2022 to 10-Dec-2022

UG - 2nd & 3rd Year

Lecturer :	Ms. Simran
Class with sem :	Bsc. III rd year (sem V th)
Subject / Paper :-	Organic chemistry (Paper - III)

Week	Topics
18 Aug to 20 Aug	
22 Aug to 27 Aug	
29 Aug to 3 Sep	Carbohydrates → classification and nomenclature, monosaccharides, mechanism of osazone formation, interconversion of glucose & fructose, chain lengthening and chain shortening of aldoses.
5 Sep to 10 Sep	Configuration of monosaccharides. Ortho and threo diastereomers, conversion of glucose into mannose. Formation of glycosides, Determination of ring size of glucose and fructose.
12 Sep to 17 Sep	Open chain and cyclic structure of D(+)-glucose and D(-)-fructose. Mechanism of mutarotation. Structure of ribose and deoxyribose.
19 Sep to 24 Sep	An introduction to disaccharides (maltose, sucrose, lactose) and polysaccharides (starch & cellulose) without involving structure determination.
26 Sep to 1 Oct	Organometallic compounds I - The Grignard reagents - Formation, structure and chemical reactions. Test of Carbohydrates.
3 Oct to 8 Oct	Organozinc Compounds - Formation and chemical Rx ⁿ . Organolithium Compounds - Formation and chemical reactions. Assignment on NMR Spectroscopy.


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10 Oct to 15 Oct	NMR spectroscopy-I Principle of NMR, The PMR spectrum, No. of signals, Peak areas.
17 Oct to 21 Oct	Equivalent & Non Equivalent protons, position of signals and chemical shift, Shielding and deshielding of protons, Proton Counting.
21 Oct to 29 Oct	Diwali Vacation
31 Oct to 5 Nov	Splitting of signals, coupling constants, magnetic equivalence of protons. Discussion of PMR spectra of the molecules: ethyl bromide, n-propyl bromide, acetaldehyde, ethyl acetate.
7 Nov to 12 Nov	Carbohydrates: Classification and nomenclature. Monosaccharides, mechanism of Osazone formation, interconversion of glucose and fructose. Chain lengthening and chain shortening of aldoses.
14 Nov to 19 Nov	Organometallic compounds: The Grignard reagents - formation, structure and chemical reactions. Organozinc: Formation and chemical reactions.
21 Nov to 26 Nov	Organolithium compounds: Formation and chemical reactions.
28 Nov to 3 Dec	
5 Dec to 10 Dec	

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Lesson Plan from 18-Aug-2022 to 10-Dec-2022
UG - 2nd & 3rd Year

Lecturer :	Dr. Binita Chaudhary, Mrs. Vidushi, Dr. Kumari Sangita, Ms. Jyotika
Class with sem :	B. SC. III (5 th sem.) Group-I to VIII (2 days per week per group)
Subject / Paper :-	Chemistry Practical, Paper-XX, CH-504

Week	Topics
18 Aug to 20 Aug	
22 Aug to 27 Aug	<u>Inorganic Salt Analysis</u> : Qualitative analysis of mixture. (Brief description)
29 Aug to 3 Sep	Qualitative Analysis of Acid Radicals.
5 Sep to 10 Sep	— do —
12 Sep to 17 Sep	— do —
19 Sep to 24 Sep	Qualitative Analysis of Basic Radicals.
26 Sep to 1 Oct	— do —
3 Oct to 8 Oct	— do —

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10 Oct to 15 Oct	Qualitative Analysis of mixtures.
17 Oct to 21 Oct	— do —
21 Oct to 29 Oct	Diwali Vacation
31 Oct to 5 Nov	— do —
7 Nov to 12 Nov	— do —
14 Nov to 19 Nov	— do —
21 Nov to 26 Nov	Mock Test
28 Nov to 3 Dec	Viva - Voce
5 Dec to 10 Dec	Viva - Voce

Lesson Plan from 22-Aug-2022 to 17-Dec-2022

UG - 1st Year

Lecturer :	Dr. RITIKA
Class with sem :	BSc I st year (I st Sem.)
Subject / Paper :-	IT Workshop

Week	Topics
22 Aug to 27 Aug	Introduction of MS Office. Create a document in MS Word and apply formatting on text.
29 Aug to 3 Sep	Create a document use of Mail Merge. Creating a list of best friends like of Mail Merge feature of MS-Word to create letter.
5 Sep to 10 Sep	Insert tables and use using the shortcut key + for formatting the files. Creating a Microsoft word document with content of formatting.
12 Sep to 17 Sep	Insert a table in MS-Word document. Demonstrate the Auto-TEXT feature of MS-Word. Create a document using Header footer.
19 Sep to 24 Sep	Revision of MS Word
26 Sep to 1 Oct	Create an Excel Worksheet using Basic steps.
3 Oct to 8 Oct	Saving, Save As, Print the Excel workbook.
10 Oct to 15 Oct	Rename sheet 1 with another name & do formatting of MS-Excel worksheet.

17 Oct to 21 Oct	Use of Conditional formatting.
21 Oct to 29 Oct	Diwali Vacation
31 Oct to 5 Nov	create a table of students data with marks and calculate total marks of all students, Percentage of marks of all students.
7 Nov to 12 Nov	Introduction of Power Point presentation
14 Nov to 19 Nov	Insert a movie clip in slide 1. Insert an audio clip in slide 2.
21 Nov to 26 Nov	Insert a table with five rows and six columns in slide.
28 Nov to 3 Dec	Insert a chart, Insert two shapes in a slide and group those shapes in slide.
5 Dec to 10 Dec	Revision and Test
12 Dec to 17 Dec	Revision and Test.

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Lesson Plan from 22-Aug-2022 to 17-Dec-2022

UG - 1st Year

Lecturer :	Dr. Deepu Saini / Dr. Indu Vashistha
Class with sem :	BSc. 1st year (1st sem)
Subject / Paper :-	Digital Electronics (20UCS101)

Week	Topics
22 Aug to 27 Aug	Introduction of Basic Electronics Diode half wave and full wave rectifiers. Zener diode, zener diode as a voltage regulator.
29 Aug to 3 Sep	Bipolar Junction Transistors, Transistor configuration. CE Characteristics, Relation between transistor currents.
5 Sep to 10 Sep	Transistor biasing Method (CE Configuration small signal CE amplifiers, RC phase shift oscillator) Astable Multi vibrator.
12 Sep to 17 Sep	Introduction Basic Number System Bases. Binary, Decimal and hexadecimal Number system, Conversion between each.
19 Sep to 24 Sep	Binary arithmetic:- Addition, Subtraction 1's and 2's complement system. Multiplication, BCD, ASCII codes.
26 Sep to 1 Oct	floating Number Representation, Boolean function, AND, OR, NOT, NAND, NOR and XOR, truth table. Combinations logic Inven Diagram, I/O
3 Oct to 8 Oct	Realization of other logic using NAND and NOR, Laws of Boolean algebra.
10 Oct to 15 Oct	De Morgan's Theorems, Min Term, SOP expression, Max terms (POS Expression)

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17 Oct to 21 Oct	K-MAP; flip-flop - SR flip-flop, JK flip flop.
21 Oct to 29 Oct	Diwali Vacation
31 Oct to 5 Nov	Master Slave, D flip-flop, T flip flop.
7 Nov to 12 Nov	Digital circuits → Multiplexer, Demultiplexer Test.
14 Nov to 19 Nov	Half adder, full adder subtractor & half and full.
21 Nov to 26 Nov	Comparators, 1Bit and 2bit counters, Decoder and display.
28 Nov to 3 Dec	Shift registers Encoder; Test.
5 Dec to 10 Dec	Revision and Test.
12 Dec to 17 Dec	Revision & Test.

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Lesson Plan from 22-Aug-2022 to 17-Dec-2022
UG - 1st Year

Lecturer :	Dr. RITIKA
Class with sem :	B.Sc 1st year (I st Sem.)
Subject / Paper :-	fundamental of IT

Week	Topics
22 Aug to 27 Aug	Introduction of Computer. Definition of computer, Block Diagram along with its component.
29 Aug to 3 Sep	Characteristics & Classification of Computer. Limitation of Computer, Human Being is Computer.
5 Sep to 10 Sep	Application of Computer in various field. Introduction of Information technologies. Definition scope, application, ITTO etc.
12 Sep to 17 Sep	Introduction of Information Operating System. Type of Operating system functions & features of Window OS.
19 Sep to 24 Sep	Type of software, proprietary and open source software. Input & Output devices. Bus, Memory concept of primary & secondary memory.
26 Sep to 1 Oct	RAM & ROM, Type of ROM. Secondary storage devices. Introduction of Computer Networking. Type of Network, Network topologies, Mode of Data Transmission, Transmission Media.
3 Oct to 8 Oct	Introduction of word processing → opening & closing & saving & documents, Menubar, Ribbon page setup.
10 Oct to 15 Oct	Formatting text, Editing, Printing & Drawing. Table Manipulating table, working with graphics.

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17 Oct to 21 Oct	Mail Merge, inserting equation, word Art, smart Art, header and footer, Track changes Macros
21 Oct to 29 Oct	Diwali Vacation
31 Oct to 5 Nov	Basic of presentation software opening & saving creating presentation Preparation and presentation of slides entering and editing
7 Nov to 12 Nov	insert & delete slides, adding clip art picture.
14 Nov to 19 Nov	Introduction of spreadsheet, elements of spreadsheet Manipulation of cells, saving workbook, entering data.
21 Nov to 26 Nov	Editing data, formatters worksheet, formula and function, working with chart and graphics.
28 Nov to 3 Dec	Data validation, conditional formatting, sorting filtering, advanced filter Page layout, Revision
5 Dec to 10 Dec	Text & Revision
12 Dec to 17 Dec	Text & Revision.

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Lesson Plan from 22-Aug-2022 to 17-Dec-2022
UG - 1st Year

Lecturer :	Dr. Tendu Vashista
Class with sem :	B.Sc. 1st sem (1 st Year)
Subject / Paper :-	Virtual Lab (20UCS 102)

Week	Topics
22 Aug to 27 Aug	Introduction of Computer Study of Computer Hardware & Software.
29 Aug to 3 Sep	Creating Email ID Change Password, Recieve Email, Compose Email
5 Sep to 10 Sep	Study of Component - Identification of resistor Capacitor and Inductor.
12 Sep to 17 Sep	To study Voltage regulation characteristics of a zener diode. Revision.
19 Sep to 24 Sep	Revision.
26 Sep to 1 Oct	forward & Reverse Bias characteristics of a semiconductor diode.
3 Oct to 8 Oct	Revision.
10 Oct to 15 Oct	PNP transistor & calculate transistor parameter.

17 Oct to 21 Oct	Revision.
21 Oct to 29 Oct	Diwali Vacation
31 Oct to 5 Nov	Verification of truth table of logic gates.
7 Nov to 12 Nov	S-R flip flop ; J-K flip flop.
14 Nov to 19 Nov	Half Adder, full Adder
21 Nov to 26 Nov	Multiplexer
28 Nov to 3 Dec	Decoder
5 Dec to 10 Dec	Revision & Test
12 Dec to 17 Dec	Revision.

Lesson Plan from 18-Aug-2022 to 10-Dec-2022
UG - 2nd & 3rd Year

Lecturer :	Dr. Deepu Saini
Class with sem :	BSc 2 nd year (3 rd Sem.)
Subject / Paper :-	Data Structure and Algorithm

Week	Topics
18 Aug to 20 Aug	Introduction to data structures, introduction to Arrays & Define its type
22 Aug to 27 Aug	Searching technique → Linear search & Binary search test
29 Aug to 3 Sep	Sorting Techniques → Elementary Sorting Techniques - Bubble sort, Merge sort
5 Sep to 10 Sep	Advanced sorting technique → Heap sort, Quick sort, Sorting in linear Time - Bucket sort Test
12 Sep to 17 Sep	Radix sort and count sort, Recursion Test
19 Sep to 24 Sep	Stacks → implementing stack using array and linked list, prefix Test
26 Sep to 1 Oct	infix and postfix expressions utility and conversion of these expressions from one to another
3 Oct to 8 Oct	Queues → Array and linked representation of Queue, Dequeue

Deepu Saini

10 Oct to 15 Oct	Priority Queues, Test, Linked list & singly, Doubly and circular list
17 Oct to 21 Oct	Representation of stack and Queue as linked list, Test
21 Oct to 29 Oct	Diwali Vacation
31 Oct to 5 Nov	Trees & Introduction to tree as a data structure, Binary tree, Search tree test
7 Nov to 12 Nov	Introduction Basic Design and Analysis techniques of Algorithms -Test
14 Nov to 19 Nov	correctness of Algorithm Test, Algorithm Design Techniques iterative techniques, Divide and Conquer
21 Nov to 26 Nov	Dynamic Programming, Greedy Algorithm complexity Analysis
28 Nov to 3 Dec	Revision & Test
5 Dec to 10 Dec	Revision & Test

Lesson Plan from 18-Aug-2022 to 10-Dec-2022
UG - 2nd & 3rd Year

Lecturer :	Dr. RITIKA
Class with sem :	B.Sc 2 nd Year 3 rd Sem.
Subject / Paper :-	Data Structure and Algorithm (20VCS302)

Week	Topics
18 Aug to 20 Aug	Introduction to Data Structure
22 Aug to 27 Aug	Introduction to Sorting Techniques
29 Aug to 3 Sep	Implementation to Array
5 Sep to 10 Sep	Implementation Insertion sort
12 Sep to 17 Sep	Implementation Merge sort
19 Sep to 24 Sep	Implementation Heap sort
26 Sep to 1 Oct	Implementation Randomized Quick Sort
3 Oct to 8 Oct	Implement Radix Sort

10 Oct to 15 Oct	Implementation of Linear Search
17 Oct to 21 Oct	Implementation of Binary Search
21 Oct to 29 Oct	Diwali Vacation
31 Oct to 5 Nov	Implementation of Recursive function
7 Nov to 12 Nov	Array and Linked list Implementation of Stack
14 Nov to 19 Nov	Array and Linked list implementation of Queue
21 Nov to 26 Nov	Implementation of Single, Double and circular linked list
28 Nov to 3 Dec	Question of Binary Search Tree Revision
5 Dec to 10 Dec	Revision

Lesson Plan from 18-Aug-2022 to 10-Dec-2022
UG - 2nd & 3rd Year

Lecturer :	Dr. RITIKA
Class with sem :	BSc. III rd year (5 th sem)
Subject / Paper :-	5-1 Database Management system.

Week	Topics
18 Aug to 20 Aug	DBMS function, advantages & Disadvantages Data, Information, Record, Traditional file
22 Aug to 27 Aug	Introduction of DBMS, Classification of DBMS. Role in the database environment.
29 Aug to 3 Sep	Text, Classification of DBMS, Centralized and client server architecture of DBMS.
5 Sep to 10 Sep	Three level architecture - External, Conceptual and Internal level. Schema mapping and Instance, Data independence logical and physical.
12 Sep to 17 Sep	Data Models - Record, Object Data Models, Physical Data Models and Conceptual Model.
19 Sep to 24 Sep	Three level of Models, Hierarchical, Network, Relational Model
26 Sep to 1 Oct	Data Model, Relational Model, RModel Entity set, Attribute, Key, Relationship
3 Oct to 8 Oct	Recursive Relationship and structural constraints Reliance. Relational Database, Design functional

10 Oct to 15 Oct	Depending text, Attribute key Relationship Structural, constraints.
17 Oct to 21 Oct	Revision of Text
21 Oct to 29 Oct	Diwali Vacation
31 Oct to 5 Nov	Introduction of Normal form Revision
7 Nov to 12 Nov	Relational Database Design functional Depending Text, Dependence Normalized III to 3rd sem.
14 Nov to 19 Nov	BCNF, lossy join and dependency preserving decomposition. Text.
21 Nov to 26 Nov	SQL Introduction and all Basic Command Types of Components of SQL, Data Definition and Datatype Data definition Commands
28 Nov to 3 Dec	Data Manipulation Command Revision I & II Unit, Text
5 Dec to 10 Dec	Revision III & IV unit Text.

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UG - 2nd & 3rd Year

Lecturer :	Dr. RITIKA
Class with sem :	B.Sc. 3rd Year / 5 th sem
Subject / Paper :-	Introduction to Internet & Web technologies

Week	Topics
18 Aug to 20 Aug	Introduction to Internet, Benefits of Internet, WWW.
22 Aug to 27 Aug	Hardware and software Requirement for internet.
29 Aug to 3 Sep	Internet Protocol, Application of Internet Internet tools, Telnet, FTP, WAIS, Revision
5 Sep to 10 Sep	IRC, online chatting, Messaging and conferencing concepts, Resources of Internet, Text Email, Mailing list, TCP/IP
12 Sep to 17 Sep	Internet addressing ISP, Home page, Shell account, web sites, dial net Internet accessing, Internet technologies.
19 Sep to 24 Sep	Internet security, Problem and solutions Overview of internet and its applications web browsers, search engines.
26 Sep to 1 Oct	Search engine, searching criteria, surfing the Net, HTTP, URL, Understanding HTML.
3 Oct to 8 Oct	Create a webpage, linking to other webpage. Publishing HTML pages, Test & Revision.

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10 Oct to 15 Oct	Alignment and list, Text formatting, list control, Email links and links within page.
17 Oct to 21 Oct	Revision and Test.
21 Oct to 29 Oct	Diwali Vacation
31 Oct to 5 Nov	Creating HTML Page, HTML forms, creating web pages, graphics putting on a web page.
7 Nov to 12 Nov	Custom Background & colours creating.
14 Nov to 19 Nov	Animated Graphics, Test
21 Nov to 26 Nov	Web pages. Design and layout. Advanced layout with tables
28 Nov to 3 Dec	Revision Unit-I; Unit-II
5 Dec to 10 Dec	Revision Unit-3; Unit-IV

Lesson Plan from 18-Aug-2022 to 10-Dec-2022
UG - 2nd & 3rd Year

Lecturer :	Dr. R. Dike
Class with sem :	Bsc final year (5th Sem.)
Subject / Paper :-	HTML, SQL

Week	Topics
18 Aug to 20 Aug	Introduction of HTML write a program to use different tags.
22 Aug to 27 Aug	Use Bold, underline, italic etc.
29 Aug to 3 Sep	write a program to create heading tags.
5 Sep to 10 Sep	write a program to create a login form.
12 Sep to 17 Sep	write a program to use order and unordered list tag.
19 Sep to 24 Sep	write a program to create a table using different tag; SQL Introduction
26 Sep to 1 Oct	Create table, insert the record select command.
3 Oct to 8 Oct	update command, modification in the delete command.

10 Oct to 15 Oct	Average, Minimum, Maximum Commands
17 Oct to 21 Oct	Count, Sum Command, Absolute Command Power Command. Round, Square Root Command.
21 Oct to 29 Oct	Diwali Vacation
31 Oct to 5 Nov	Lower Command, Upper command, substract Command; Left trimming Command
7 Nov to 12 Nov	Revision
14 Nov to 19 Nov	Revision Right trimming Command Left padding Command.
21 Nov to 26 Nov	Right padding Command, Revision of SBL
28 Nov to 3 Dec	Revision of SBL commands
5 Dec to 10 Dec	Revision of HTML commands

Lesson Plan from 18-Aug-2022 to 10-Dec-2022
UG - 2nd & 3rd Year

Lecturer :	Ms. Neeuja Parmar & Ms. Neelki
Class with sem :	B.A. 1st year (I Sem)
Subject / Paper :-	Microeconomics - I

Week	Topics
18 Aug to 20 Aug	Theory of Demand: Nature of Demand for a product, individual demand, market demand.
22 Aug to 27 Aug	determinants of demand, Law of demand, Elasticity of demand.
29 Aug to 3 Sep	Elasticity of demand and its determinants.
5 Sep to 10 Sep	Analysis of Consumer Behaviour: Concept of Utility.
12 Sep to 17 Sep	Cardinal utility Analysis, marginal and total utility consumer's equilibrium
19 Sep to 24 Sep	Derivation of demand curve
26 Sep to 1 Oct	Consumer's Surplus.
3 Oct to 8 Oct	Ordinal Utility Theory: Indifference curve analysis, budget line, marginal rate of substitution.

10 Oct to 15 Oct	Consumer's equilibrium, Price, income and substitution effects, Derivation of demand curve, Limitations of Utility theory
17 Oct to 21 Oct	of demand. Theory of Production: Supply & Elasticity of supply
21 Oct to 29 Oct	Diwali Vacation
31 Oct to 5 Nov	Law of Variable proportions, Returns to scale, characteristics of iso-quants, Price, income and substitution effects.
7 Nov to 12 Nov	Derivation of demand curve. Ridge lines, least cost combination of factors.
14 Nov to 19 Nov	Internal and external economies and diseconomies, Movements and shifts in supply curve
21 Nov to 26 Nov	Concepts of costs, short period costs and long period costs
28 Nov to 3 Dec	Modern theory of costs, Revenue: Concepts of revenue.
5 Dec to 10 Dec	Total, average and marginal revenue and their relationships, Break-even-analysis & its applications.

Lesson Plan from 18-Aug-2022 to 10-Dec-2022
UG - 2nd & 3rd Year

Lecturer :	Ms. Astha Vats
Class with sem :	B.A II, III Semester
Subject / Paper :-	Macroeconomics-I

Week	Topics
18 Aug to 20 Aug	Nature and scope of Macroeconomics, Diff. b/w Microeconomics & Macroeconomics, Issues related to Macroeconomics.
22 Aug to 27 Aug	Concepts of GDP and National Income, Measurement of National Income, and related Aggregates.
29 Aug to 3 Sep	Short concepts regarding National Income such as Nominal Income, Real Income.
5 Sep to 10 Sep	Limitations of the GDP concept, Methods of measurements of India's National Income by CSO.
12 Sep to 17 Sep	Difficulties in Measuring National Income, Actual GDP and Potential GDP.
19 Sep to 24 Sep	Aggregate Expenditure - Consumption Function, Investment Function, Equilibrium GDP.
26 Sep to 1 Oct	Concepts of MPC, APC, MPS, APS, Autonomous Expenditure,.
3 Oct to 8 Oct	Concept of Multiplier, Reverse Multiplier, working of Multiplier.

10 Oct to 15 Oct	Fiscal Policy: Aim & Objective of Policy, Impact of Changes in govt. Expenditure & Taxes.
17 Oct to 21 Oct	Net Exports Function, Import Function, Budget Multiplier and related concepts.
21 Oct to 29 Oct	Diwali Vacation
31 Oct to 5 Nov	Net Exports, and its related concepts, Net Exports and its equilibrium.
7 Nov to 12 Nov	Aggregate Demand and its concepts, Derivation of Aggregate Demand Curve.
14 Nov to 19 Nov	Aggregate Supply and its concepts, Derivation of Aggregate Supply Curve.
21 Nov to 26 Nov	Multiplier Analysis with AD Curve & Price level Changes.
28 Nov to 3 Dec	Aggregate Supply Curve in short run and its application in long run also.
5 Dec to 10 Dec	Revision of whole syllabus and Minor Examination.

Lesson Plan from 18-Aug-2022 to 10-Dec-2022
UG - 2nd & 3rd Year

Lecturer :	
Class with sem :	
Subject / Paper :-	

Week	Topics
18 Aug to 20 Aug	Features of Underdevelop Countries Difference between developed and Underdeveloped Countries
22 Aug to 27 Aug	Economic growth and Economic development, Approaches regarding Eco. Development
29 Aug to 3 Sep	Determinants of Economic development Types of Determinants of development
5 Sep to 10 Sep	Measurement of Economic development GDP, Per capita Income, Economic welfare
12 Sep to 17 Sep	Physical qualities of life Index (PQLI) Human development Index (HDI)
19 Sep to 24 Sep	Obstacles of Economic development Economic and non Economic
26 Sep to 1 Oct	Vicious circle of Poverty Models of vicious circle of Poverty
3 Oct to 8 Oct	Harrod model of growth

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10 Oct to 15 Oct	Domer model of economic growth
17 Oct to 21 Oct	Endogenous model of growth Romer and A.K model
21 Oct to 29 Oct	Diwali Vacation
31 Oct to 5 Nov	Theory of Balanced and Unbalanced growth
7 Nov to 12 Nov	Lewis Model of Unlimited supply of Labour
14 Nov to 19 Nov	Leibenstein's critical minimum efforts Thesis
21 Nov to 26 Nov	Economic Planning in India and its objectives.
28 Nov to 3 Dec	Economic Reforms in India and New Economic Policy
5 Dec to 10 Dec	Causes of Economic Reform in India, LPG Policies Impact

Lesson Plan from 22-Aug-2022 to 17-Dec-2022
UG - 1st Year

Lecturer :	Mrs. Rinku Agarwal, Ms. Pushpa Yadav
Class with sem :	B.A.I (Sem-1)
Subject / Paper :-	English

Week	Topics
22 Aug to 27 Aug	Introduction to the syllabus
29 Aug to 3 Sep	Introduction to grammar
5 Sep to 10 Sep	Tenses and modals & Practice their exercises.
12 Sep to 17 Sep	Introduction to the text "The Homecoming"
19 Sep to 24 Sep	Text reading and explanation of the text "The Homecoming" and discuss the question-answer
26 Sep to 1 Oct	Introduction to the poem "If" and its explanation and discuss the question-answer.
3 Oct to 8 Oct	Reading and explanation of the text "Playing the English Gentleman"
10 Oct to 15 Oct	Discuss the que-ans of "Playing the English Gentleman"

17 Oct to 21 Oct	Practice of Letters, e-mail and test of them. Revision of the done syllabus.
21 Oct to 29 Oct	Diwali Vacation
31 Oct to 5 Nov	Practice of Paragraph writing, synonyms and antonyms, Homonyms, Homophones and one word substitution.
7 Nov to 12 Nov	Introduction and Explanation of the poem "My Grandmother's house". Voices and articles with exercise practice.
14 Nov to 19 Nov	Introduction and Explanation of the poem "The Village schoolmaster". Text "Indira Nooyi": Detailed study.
21 Nov to 26 Nov	Relative Clause and preposition with Exercise practice.
28 Nov to 3 Dec	Perspectives of Democracy in India Introduction and explanation
5 Dec to 10 Dec	Doubt removal class and Revision. Test.
12 Dec to 17 Dec	Doubt removal class and Revision.

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UG - 1st Year

Lecturer :	Ms. Richa Arora
Class with sem :	B.Com (Ist)
Subject / Paper :-	Communicative English.

Week	Topics
22 Aug to 27 Aug	Introduction to the syllabus and the examination scheme.
29 Aug to 3 Sep	Introduction to different parts of speech. Explanation of Noun, Pronoun, Adjectives, Verb and Adverb. Exercise practice related to these.
5 Sep to 10 Sep	Explanation of Conjunction, Interjection, Identifying parts of speech. Commonly used verb patterns and Common Errors. Practice Exercises.
12 Sep to 17 Sep	Home Assignment and Test of Unit I. Introduction to Listening and Speaking. Barriers to listening, Academic listening.
19 Sep to 24 Sep	Practice of Conversational English like Greeting and introducing, Making requests, Asking for and Giving Permission, Offering Help.
26 Sep to 1 Oct	Conversation practice of giving instructions and Directions, Acts of Small Talk. Introducing for making a Short formal Speech, Describing People, Places, Events and Things.
3 Oct to 8 Oct	Home Assignment and Test of Unit II. Conversational Practice in Various situations: Meeting, parting at railway station, buying at shops, asking about buses, travelling by bus, using expressions of time.
10 Oct to 15 Oct	Talking about Money, Identifying people, at the bank, at the grocery store, immediate family and relatives, hiring a taxi, talking about weather conditions, ordering food, dinner conversations.

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17 Oct to 21 Oct	Conversation practice on the following topics:- at the doctor's clinic, quitting and finding jobs, office conversations, Conversations about School/College University, the English class.
21 Oct to 29 Oct	Diwali Vacation
31 Oct to 5 Nov	Introduction to Public speaking, Welcome and introductory speech, Vote of thanks speech, Practice of these kinds of speeches.
7 Nov to 12 Nov	Practice Introduction to Farewell speech. Practice of how to write a good farewell speech.
14 Nov to 19 Nov	Audience Analysis. Home Assignment, Test
21 Nov to 26 Nov	Doubt removal class, Class test.
28 Nov to 3 Dec	Doubt removal class, Class test
5 Dec to 10 Dec	Revision of whole syllabus.
12 Dec to 17 Dec	Revision of whole syllabus.

Lesson Plan from 22-Aug-2022 to 17-Dec-2022

UG - 1st Year

Lecturer :	Mrs. Rinku Aggarwal, Ms. Pooja Yadav
Class with sem :	B.A. Ist - (sem - Ist)
Subject / Paper :-	A.E.C.C (Communicative English)

Week	Topics
22 Aug to 27 Aug	Introduction to syllabus and question paper pattern
29 Aug to 3 Sep	Introduction and Practice of Noun, Pronoun, Adjective, verb, Adverb
5 Sep to 10 Sep	Introduction and Practice of Conjunction, interjection, Identifying Parts of speech.
12 Sep to 17 Sep	Introduction and Practice of verb pattern and Common Errors.
19 Sep to 24 Sep	Doubt removal class, Home assignment, class test, Hearing and Listening, Barriers of listening, Academic Listening.
26 Sep to 1 Oct	Greetings and Introduction, Making Requests Asking for and Giving Permission
3 Oct to 8 Oct	Offering Help, Giving instructions and directions. Art of talk
10 Oct to 15 Oct	Making a short Formal speech, Describing people, Places, Events and things.

17 Oct to 21 Oct	meeting, Parting at Railway station, Buy at shops. Asking about buses. Travelling by bus, using expressions of time.
21 Oct to 29 Oct	Diwali Vacation
31 Oct to 5 Nov	Identifying people at the bank, at the grocery store. Immediate family and relatives, Hiring a Taxi,
7 Nov to 12 Nov	Talking about weather/ weather conditions) ordering food, Dinner conversations.
14 Nov to 19 Nov	At the Doctor's clinic quitting and finding Jobs.
21 Nov to 26 Nov	office conversations about school college/ university, the English class.
28 Nov to 3 Dec	Introduction, welcome and introductory speech, Vote of thanks speech, farewell speech
5 Dec to 10 Dec	Audience analysis, Home assignment class tests
12 Dec to 17 Dec	Doubt removal class and Revision

Lesson Plan from 22-Aug-2022 to 17-Dec-2022
UG - 1st Year

Lecturer :	Ms. Maintra
Class with sem :	B.Sc I (Medical) (Sem I)
Subject / Paper :-	English (AECC)

Week	Topics
22 Aug to 27 Aug	Introduction to the syllabus and examination scheme.
29 Aug to 3 Sep	Introduction to different parts of speech. Explanation of Noun, Pronoun, Adjectives, Verb and Adverb.
5 Sep to 10 Sep	Explanation of Conjunction, Interjection, Identifying parts of speech. Commonly used verb patterns.
12 Sep to 17 Sep	Practice exercise, Doubt removal class and Test. Common errors, Practice exercise.
19 Sep to 24 Sep	Practice of Conversational English i.e. greeting and introducing, Making requests, Asking for and Giving Permission, offering Help.
26 Sep to 1 Oct	Conversational practice of giving instructions, and Directions, Acts of small talk.
3 Oct to 8 Oct	Making a Short formal speech, Describing people, Places, Events and Things.
10 Oct to 15 Oct	Home Assignment, Revision and Test.

17 Oct to 21 Oct	Conversational Practice in various situations Meeting, parting at railway station, buying at shops, asking about buses. Home Assignment
21 Oct to 29 Oct	Diwali Vacation
31 Oct to 5 Nov	Conversation Practice on the following topics: Travelling by bus, using expressions of time
7 Nov to 12 Nov	Talking about Money, identifying people, at the bank, at the grocery store, immediate family and relatives.
14 Nov to 19 Nov	Hiring a taxi, talking about weather conditions, hiring a taxi, talking about ordering food, dinner conversation.
21 Nov to 26 Nov	At the doctor's clinic, quitting and finding jobs, office conversations, conversation about school/college/university.
28 Nov to 3 Dec	Introduction to Public Speaking. Welcome and introductory speech, Vote of thanks speech, Practice of different speech.
5 Dec to 10 Dec	Introduction to Farewell Speech. How to write a good farewell speech. Audience Analysis. Home Assignment, Test
12 Dec to 17 Dec	Doubt removal class, Revision and Test.

Lesson Plan from 18-Aug-2022 to 10-Dec-2022

UG - 2nd & 3rd Year

Lecturer :	Dr. Akashna Batra, Dr. Manjeet Mann, Mrs. Rinku Aggarwal Ms. Richa, Mrs. Pushpa Yadav
Class with sem :	B. A. III sem V
Subject / Paper :-	English

Week	Topics
18 Aug to 20 Aug	Introduction to the syllabus and examination scheme
22 Aug to 27 Aug	Introduction to the writer 'Raja Rao'. Introduction to the characters of the novel
29 Aug to 3 Sep	Reading of the text with critical analysis chapter 1 and 2. Discussion on questions based on chapter 1 & 2
5 Sep to 10 Sep	Reading of chapter 3 and 4 with analysis, word accent and its grammatical function. Discussion on questions of ch. 3 & 4
12 Sep to 17 Sep	Detailed study of chapter 5 and 6. Introduction to weak forms in English Pronunciation. Discussion on questions of chapter 5 and 6
19 Sep to 24 Sep	Detailed study of chapter 7 & 8. Practice of word accent. Introduction and practice of intonation.
26 Sep to 1 Oct	Discussion on questions of chapter 7 & 8 Introduction to Transitional words / Phrases Doubt removal class and tests.
3 Oct to 8 Oct	Detailed study of chapter 9 and 10. Discussion of questions. Practice of transitional words and Phrases. Home assignment.

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10 Oct to 15 Oct	Detailed study of chapter 11, 12, 13. Discussion on questions based on chapter. Introduction to sentence and its types
17 Oct to 21 Oct	Detailed study of chapter 14, 15. Discussion on questions based on chapter 14 & 15. Practice of exercises based on sentence and its type
21 Oct to 29 Oct	Diwali Vacation
31 Oct to 5 Nov	Detailed study of chapter 16 and 17. Discussion on questions based on these chapter. Doubt removal class and tests.
7 Nov to 12 Nov	Conversion of sentences (explanation and practice). Doubt removal class and Home assignment.
14 Nov to 19 Nov	Introduction to conditional clauses, practice, doubt removal class and tests.
21 Nov to 26 Nov	Detailed study of chapter 18 & 19. Discussion on questions based on chapter 18 & 19
28 Nov to 3 Dec	Introduction and practice of defining and non defining clauses. Doubt removal class
5 Dec to 10 Dec	Doubt removal class, Revision and tests.

Lesson Plan from 18-Aug-2022 to 10-Dec-2022

UG - 2nd & 3rd Year

Lecturer :	Dr. Aparna Badora, Dr. Manjeet Mann, Mrs. Rishi Aggarwal Ms. Mainka, Ms. Pushpa Yadav
Class with sem :	B.A. II, Sem III
Subject / Paper :-	English

Week	Topics
18 Aug to 20 Aug	Introduction to the syllabus and examination scheme.
22 Aug to 27 Aug	Introduction to the writer 'Oscar Wilde'. Introduction to the story "The Model Millionaire" and its characters. Editing of passages.
29 Aug to 3 Sep	Detailed study of the story with critical analysis. Filling the blanks (Grammar vocabulary)
5 Sep to 10 Sep	Discussion on Questions based on the story. Home assignment and test. Common errors.
12 Sep to 17 Sep	Introduction to the writer 'Katherine Mansfield' and the story "A Cup of Tea" Arrangements of jumbled words.
19 Sep to 24 Sep	Detailed study of the story. Discussion on Questions. phrases and Sentences.
26 Sep to 1 Oct	Discussion on long questions based on the story. Home Assignment and Test. Antonyms and Synonyms.
3 Oct to 8 Oct	Introduction to 'Somerset Maugham' and the story "The Mother" Detailed study of the story.

10 Oct to 15 Oct	Introduction to O'Henry and his story "The Gift of Magi". Detailed study of the story.
17 Oct to 21 Oct	Discussion on Questions based on the story. Home Assignment and Test. Revision, Doubt removal classes.
21 Oct to 29 Oct	Diwali Vacation
31 Oct to 5 Nov	Introduction to "William Shakespeare" and his poem "All the World's a Stage". Reading of the poem.
7 Nov to 12 Nov	Discussion on Questions based on the poem. Home Assignment & Test Poetic Devices used in this poem.
14 Nov to 19 Nov	Introduction to "Robert Frost" and his poem "Mending Wall". Discussion on poetic Devices. Textual Reading of the poem.
21 Nov to 26 Nov	Introduction to "John Keats" and his poem "La Belle Dame Sans Merci". Textual study of the poem.
28 Nov to 3 Dec	Discussion on Questions. Discussion on Poetic Devices used in this poem. Introduction to Chinua Achebe. Reading of the poem with critical Analysis.
5 Dec to 10 Dec	Discussion on Questions. Home assignment and Test. Revision, Doubt removal classes.

Lesson Plan from 22-Aug-2022 to 17-Dec-2022
UG - 1st Year

Lecturer :	Seema / Rajita Sehrawat
Class with sem :	B.A 1 st Year / 1 st sem
Subject / Paper :-	Fine Art's / History of Indian Art (T) Landscape and still life (P)

Week	Topics
22 Aug to 27 Aug	Explain the theory syllabus, History and appreciation of Art and Practical work Discuss Still life
29 Aug to 3 Sep	Elements of Art Explain - line, form, space and still life Practical work start
5 Sep to 10 Sep	Elements of Art - colour theory, Texture and Tone, still life.
12 Sep to 17 Sep	Pre - History and Practical work Still - life and sketching
19 Sep to 24 Sep	Old Painting material Discuss and oil Colour technique Explain and Demo, Indus valley
26 Sep to 1 Oct	Indus valley - Mohanjodaro and harappa, Practical work landscape and sketching.
3 Oct to 8 Oct	Indus valley and Stupa Bharhut, Landscape and sketching
10 Oct to 15 Oct	Test and Assignment, for Elements of Art and Practical work

17 Oct to 21 Oct	Sanchi, Kushan and Practical work Landscape & Still life
21 Oct to 29 Oct	Diwali Vacation
31 Oct to 5 Nov	Test, Assignment & Presentation Practical work, Sketching.
7 Nov to 12 Nov	Gupta Art & sketching, Still life
14 Nov to 19 Nov	Maueryan Art, Practical work Still life & Landscape
21 Nov to 26 Nov	Definition of Art and Aesthetics, and Practical work
28 Nov to 3 Dec	Art and beauty, Art and Aesthetics, Still life and Landscape
5 Dec to 10 Dec	All theory Syllabus Revision and Test Practical work
12 Dec to 17 Dec	Practical work, landscape, Still life and sketching

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Lecturer :	Rajita Sehrawat / Seema
Class with sem :	B.A 1 st Year / 1 st Sem
Subject / Paper :-	Fine Art's / History of Indian Art (T) Life Study & Design (P)

Week	Topics
18 Aug to 20 Aug	History of Indian Art & Life study, Design Practical work Explain.
22 Aug to 27 Aug	Pala & Practical work start, Sketching
29 Aug to 3 Sep	Pala, Rashtrakuta and Design & Sketching
5 Sep to 10 Sep	vijaynagar Temple & Life study Practical work, Sketching
12 Sep to 17 Sep	Khajuraho Temple & Life study, Design Practical work & Fabric Painting Discuss.
19 Sep to 24 Sep	Explain the Fabric Painting and materials & Fabric colour, brush, frame, & Fabric stuff Discuss.
26 Sep to 1 Oct	Hampi and Tanjavur Temple, Fabric Painting and Life study
3 Oct to 8 Oct	Folk Art - Different folk art of India, Sanghi / Practical work

10 Oct to 15 Oct	Madhubani, warli art, Alban and life study and Design
17 Oct to 21 Oct	Kohbar, Tanjaur etc. and Practical work
21 Oct to 29 Oct	Diwali Vacation
31 Oct to 5 Nov	Test, Assignment and Presentation, Practical work Submission
7 Nov to 12 Nov	Rasa, Bhave, & Practical work
14 Nov to 19 Nov	chitrasutra, Shadanga & Practical work Design, life study
21 Nov to 26 Nov	All Theory Revision and Test & Practical work
28 Nov to 3 Dec	Practical work & Sketching
5 Dec to 10 Dec	Practical work life-study & Design

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UG - 2nd & 3rd Year

Lecturer :	Rajita shrawat / Seema
Class with sem :	III rd Year / V th sem
Subject / Paper :- Fine Arts	History and Appreciation of Art (T) / Composition (P)

Week	Topics
18 Aug to 20 Aug	Explain the syllabus, History and appreciation of Art and Practical work Includes .
22 Aug to 27 Aug	General Principle of Art - main qualities of Art and Modelling, sketching Demo
29 Aug to 3 Sep	Practical work Composition and sketching start, Explain the Sarnath Budha image.
5 Sep to 10 Sep	Padmavani Avalokitesvar of Ajanta, Sarnath Budha image, The Mother and child of Ajanta and Composition, sketching.
12 Sep to 17 Sep	Nataraj image of Shiva, Death of Inaya Khan (Mughal) Painting, Ravana Shikig M.T. Klash (Elora) Practical work
19 Sep to 24 Sep	Keishna and Radha (Keishangadh Painting), Keishna quelling serpent Kaliva (Pahari, Kangra Painting) Practical work Composition, sketching.
26 Sep to 1 Oct	Test and Practical work and Assignment
3 Oct to 8 Oct	The Art of the Renaissance - The Art of baroque, Rococo and Practical work

10 Oct to 15 Oct	Practical work Composition and sketching Neo-classicism modern movements.
17 Oct to 21 Oct	Impressionism, Expressionism, Cubism, Practical work
21 Oct to 29 Oct	Diwali Vacation
31 Oct to 5 Nov	Test, Assignment and Practical work Composition, sketching
7 Nov to 12 Nov	Surrealism, Constructivism, The Art of Baroque, Composition work
14 Nov to 19 Nov	Test, Assignment and Practical work
21 Nov to 26 Nov	All Theory Syllabus Revision and Test
28 Nov to 3 Dec	Test, Practical work Composition and Sketching
5 Dec to 10 Dec	Practical work Composition

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Lecturer :	डॉ. मधुमालती, डॉ. इंदु रानी, डॉ. ममता, सुनी सुकुप
Class with sem :	बी.ए.- प्रथम वर्ष, प्रथम सेमे
Subject / Paper :-	हिंदी / हिंदी साहित्य का इतिहास

Week	Topics
22 Aug to 27 Aug	पाठ्यक्रम परिचय, आदिकाल का नामकरण एवं काल-विभाजन, आदिकालीन परिस्थितियों
29 Aug to 3 Sep	आदिकालीन काव्य-व्यंग्य - रित्त, नाय एवं जैन साहित्य
5 Sep to 10 Sep	आदिकालीन प्रमुख रासो काव्य, आदिकालीन हिंदी साहित्य की सामान्य विशेषताएं
12 Sep to 17 Sep	अमित आंदोलन सामाजिक, राजनीतिक-सांस्कृतिक धुंठकुरी एवं लक्ष्य परिशोधन कार्य
19 Sep to 24 Sep	प्रमुख निर्गुण कवि कबीरदास, गुरुनानक, देव, रविदास
26 Sep to 1 Oct	पाठ्यक्रम पुनरावलोकन एवं मूला परीक्षा
3 Oct to 8 Oct	प्रमुख लक्षण कवि सुरदास, तुलसीदास, मीराबाई
10 Oct to 15 Oct	अमित काल की सामान्य विशेषताएं, रीतिकाल की ऐतिहासिक एवं सामाजिक धुंठकुरी

17 Oct to 21 Oct	रीतिकाल का नामकरण, रीतिकाल की विशेषताएँ
21 Oct to 29 Oct	Diwali Vacation
31 Oct to 5 Nov	रीतिकालीय कार्यक्रम : रीतिबद्ध, रीतिमुक्त, रीतिविहीन
7 Nov to 12 Nov	पाठ्यक्रम पुनरावृत्ति एवं कक्षा परीक्षा
14 Nov to 19 Nov	1857 का स्वतंत्रता संघर्ष और हिंदी नवजागरण एवं आरतेन्दु भुषीन साहित्य की विशेषताएँ महावीर प्रसाद द्विवेदी और उनका युग
21 Nov to 26 Nov	द्विवेदी युग के प्रमुख गद्य लेखक डॉर कावे मीमेलीकरण गुण और राष्ट्रीय कार्यक्रम
28 Nov to 3 Dec	लाभावाद, प्रगतिवाद, अयोगवाद और नई कविता
5 Dec to 10 Dec	हिंदी में गद्य विधाओं का उद्भव और विकास - उपनिषद्, महाकाव्य, नाटक, निबंध
12 Dec to 17 Dec	पूर्ण पाठ्यक्रम पुनरावृत्ति एवं निदानात्मक कक्षाएँ

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Lesson Plan from 18-Aug-2022 to 10-Dec-2022
UG - 2nd & 3rd Year

Lecturer :	डॉ. बन्धु शर्मा, डॉ. ममता, डॉ. संजू, सुनी कुमुद
Class with sem :	बी.ए. - द्वितीय वर्ष (तृतीय सत्र)
Subject / Paper :-	हिंदी / आधुनिक हिंदी कविता

Week	Topics
18 Aug to 20 Aug	पाठ्यक्रम परिचय । आस्टेडु हश्चिंद्र का साहित्यिक परिचय तथा साहित्यिक विशेषताएँ ।
22 Aug to 27 Aug	आस्टेडु हश्चिंद्र की कविता की व्याख्या ।
29 Aug to 3 Sep	हरिऔध का कवि-परिचय, कविताओं की व्याख्या ।
5 Sep to 10 Sep	मैथिली झा का कवि-परिचय, कविताओं की व्याख्या ।
12 Sep to 17 Sep	जयशंकर प्रसाद - कवि-परिचय, कविताओं की व्याख्या ।
19 Sep to 24 Sep	परित पाठ्यक्रम की पुनरावृत्ति एवं कक्षा-परीक्षा ।
26 Sep to 1 Oct	सूर्यकांत त्रिपाठी 'निराला' - कवि-परिचय, कविताओं की व्याख्या ।
3 Oct to 8 Oct	महादेवी की - कवि-परिचय, कविताओं की व्याख्या ।

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10 Oct to 15 Oct	पठित पाठ्यक्रम की पुनरावृत्ति एवं वृह-परियोजना कार्य।
17 Oct to 21 Oct	नागार्जुन का कवि-परिचय , कविताओं की व्याख्या।
21 Oct to 29 Oct	Diwali Vacation
31 Oct to 5 Nov	जगेश मेहता का कवि - परिचय , पठित पाठ्यक्रम की पुनरावृत्ति , कक्षा-परीक्षा।
7 Nov to 12 Nov	'समय देवता' कविता की व्याख्या।
14 Nov to 19 Nov	'अरण्यानी से वापसी' की व्याख्या।
21 Nov to 26 Nov	सूची पाठ्यक्रम की पुनरावृत्ति एवं कक्षा-परीक्षा।
28 Nov to 3 Dec	उपन्यासक कक्षाएं।
5 Dec to 10 Dec	परीक्षा-प्रारंभ होने तक संघर्ष पाठ्यक्रम की पुनरावृत्ति।

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UG - 2nd & 3rd Year

Lecturer :	डॉ. मधुमालती, डॉ. रज्जु शर्मा, डॉ. ममता, डॉ. सज्जु, डॉ. सुमुष
Class with sem :	बी. ए. तृतीय वर्ष, पाँचवाँ सेमेस्टर
Subject / Paper :-	हिंदी

Week	Topics
18 Aug to 20 Aug	पाठ्यक्रम परिचय, सच्चिदानंद, हीरानंद व लक्ष्मणन 'अज्ञेय' परिचय, व्याख्या तथा प्रश्न-उत्तर।
22 Aug to 27 Aug	धर्मवीर भारती परिचय एवं व्याख्या।
29 Aug to 3 Sep	धर्मवीर भारती व्याख्या एवं प्रश्न-उत्तर।
5 Sep to 10 Sep	नरेश मेहता परिचय एवं व्याख्या।
12 Sep to 17 Sep	नरेश मेहता व्याख्या एवं प्रश्न उत्तर।
19 Sep to 24 Sep	प्रथम तीन कवि व्याख्या संबंधित प्रश्नों की पुनरावृत्ति तथा कक्षा-परीक्षा।
26 Sep to 1 Oct	नागार्जुन-परिचय, व्याख्या एवं प्रश्न उत्तर
3 Oct to 8 Oct	शुवीर सहाय परिचय एवं व्याख्या।

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10 Oct to 15 Oct	शुक्ल सहाय व्याख्या एवं प्रश्न-उत्तर।
17 Oct to 21 Oct	कुँवर नारायण परिचय, व्याख्या एवं प्रश्न-उत्तर।
21 Oct to 29 Oct	Diwali Vacation
31 Oct to 5 Nov	लीलाधर जगूड़ी परिचय, व्याख्या एवं प्रश्न-उत्तर। चार कवियों की पुनरावृत्ति, कक्षा परीक्षा
7 Nov to 12 Nov	आधुनिक काल की सूचना, परिस्थितियाँ, भारतेंदु युग की प्रवृत्तियाँ, कवि एवं रचनाएँ।
14 Nov to 19 Nov	खिवदी युग, दामावाद, प्रगतिवाद, प्रयोगवाद की प्रवृत्तियाँ, कवि तथा रचनाएँ।
21 Nov to 26 Nov	नई कविता, समकालीन कविता की प्रवृत्तियाँ, कवि तथा रचनाएँ। आधुनिक काल पुनरावृत्ति, संक्षिप्त प्रश्न एवं कक्षा परीक्षा
28 Nov to 3 Dec	संक्षेपण, पल्लवन एवं पत्र-लेखन।
5 Dec to 10 Dec	समस्त पाठ्यक्रम की पुनरावृत्ति

Lesson Plan from 18-Aug-2022 to 10-Dec-2022
UG - 2nd & 3rd Year

Lecturer :	डॉ. गमता
Class with sem :	बी.एससी. द्वितीय वर्ष, सत्र - तृतीय
Subject / Paper :-	हिंदी / हिंदी माध्यम और विज्ञान

Week	Topics
18 Aug to 20 Aug	पाठ्यक्रम परिचय, भौतिकीकरण शुद्ध-लेखन परिचय
22 Aug to 27 Aug	कविता की व्याख्या - मातृभूमि और उनाडी। कविता के प्रकार - मातृभूमि और आदि।
29 Aug to 3 Sep	व्याख्या और प्रश्नोत्तर (कविताएँ) - रसद्वारा और भारत-भारती (एम.एन.जे., क्या हो गए हैं और क्या होगे अभी)
5 Sep to 10 Sep	लेखन परिचय - मोहनलाल चतुर्वेदी व्याख्या और प्रश्नोत्तर - पुरुष की आभिलाषा, अमर निशानी
12 Sep to 17 Sep	व्याख्या और प्रश्नोत्तर - मेरी और कोकिला, समर्पण
19 Sep to 24 Sep	पाठ्यक्रम पुनरावृत्ति और मंशा परीक्षा
26 Sep to 1 Oct	लेखन परिचय - सुमोहा कुमारी चाँदान व्याख्या और प्रश्नोत्तर - डॉ.सी.पी. रानी
3 Oct to 8 Oct	व्याख्या और प्रश्नोत्तर - जलिभाँकला लाल मे. बंसंत पाठ्यक्रम पुनरावृत्ति

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10 Oct to 15 Oct	लेखक परिचय - रामधारी सिंह दिनकर कारण और प्रश्नोत्तर - कृष्ण की नेतावनी
17 Oct to 21 Oct	कारण और प्रश्नोत्तर - अर्थात् का दीपन, शक्ति और शक्ति निबंध - विज्ञान और पर्यावरण प्रदूषण
21 Oct to 29 Oct	Diwali Vacation
31 Oct to 5 Nov	निबंध - वैज्ञानिक प्रगति में भारत का योगदान का पुनरावृत्ति और परिभाषना का
7 Nov to 12 Nov	विज्ञान का अर्थ, परिभाषा, क्षेत्र और महत्व, वैज्ञानिक शब्दावली
14 Nov to 19 Nov	हिन्दी में विज्ञान लेखन निबंध - विश्वविद्यालय वैज्ञानिक और उनके आविष्कार, विज्ञान और हिन्दी साहित्य
21 Nov to 26 Nov	हिन्दी में विज्ञान - लेखन की महत्त्वपूर्ण, निबंध - विज्ञान और प्रौद्योगिकी, विज्ञान और तकनीकी क्षेत्र में हिन्दी, हिन्दी और वैज्ञानिक अनुवाद
28 Nov to 3 Dec	निबंध - वैश्वीकरण और विज्ञान, मेरा प्रिय वैज्ञानिक प्रश्नोत्तर - शर्मा 3 और 4
5 Dec to 10 Dec	संपूर्ण पाठ्यक्रम पुनरावृत्ति निदानात्मक का

Lesson Plan from 22-Aug-2022 to 17-Dec-2022

UG - 1st Year

Lecturer :	डॉ. ममता, डॉ. लजू, सुनी कुमुद
Class with sem :	बी. ए. - प्रथम वर्ष (पहला सत्र)
Subject / Paper :-	हिंदी / सृजनात्मक लेखन के विविध क्षेत्र

Week	Topics
22 Aug to 27 Aug	पाठ्यक्रम परिचय सृजनात्मकता : अर्थ, स्वरूप और महत्व सृजनात्मक लेखन के प्रमुख तत्व
29 Aug to 3 Sep	सृजनात्मक लेखन की प्रमुख विशेषताएँ सृजनात्मक लेखन के उद्देश्य
5 Sep to 10 Sep	रिपोर्टेज : अर्थ एवं स्वरूप रिपोर्टेज उद्भव एवं विकास रिपोर्टेज के तत्व, लेखन-प्रविधि
12 Sep to 17 Sep	फीचर : अर्थ, स्वरूप एवं महत्व फीचर लेखन-प्रविधि पठित पाठ्यक्रम की पुनरावृत्ति
19 Sep to 24 Sep	विभिन्न माध्यमों एवं फीचर का अंतःसंबंध विभिन्न विषयों पर फीचर-लेखन
26 Sep to 1 Oct	पठित पाठ्यक्रम की पुनरावृत्ति, ग्रह परिचय तथा इसका परीक्षा
3 Oct to 8 Oct	साक्षात्कार : उद्देश्य एवं प्रकार साक्षात्कार-प्रविधि और महत्व
10 Oct to 15 Oct	स्तंभ लेखन : समाचार पत्र के विविध स्तंभ स्तंभ लेखन का महत्व व विभिन्न स्रोत

17 Oct to 21 Oct	स्लोगन : उद्देश्य , विशेषताएँ एवं महत्व । पठित पाठ्यक्रम की पुनरावृत्ति / कक्षा-परीक्षा ।
21 Oct to 29 Oct	Diwali Vacation
31 Oct to 5 Nov	भाषण : प्रकार , लाभ , विशेषताएँ एवं प्रविधि । लेखन , पोस्टर , होर्डिंग्स ।
7 Nov to 12 Nov	काल साहित्य : अर्थ , स्वरूप एवं महत्व । काल साहित्य उद्भव एवं विकास ।
14 Nov to 19 Nov	काल-साहित्य के विविध रूप एवं लेखन में ध्यान रखने योग्य बातें ।
21 Nov to 26 Nov	रेखानचित्र , दृश्याचित्र)
28 Nov to 3 Dec	कार्टून लेखन एवं कक्षा-परीक्षा ।
5 Dec to 10 Dec	पुनरावृत्ति ।
12 Dec to 17 Dec	संपूर्ण पाठ्यक्रम की पुनरावृत्ति परीक्षा प्रारंभ होने तक । निदानात्मक कक्षाएँ ।

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Lesson Plan from 22-Aug-2022 to 17-Dec-2022

UG - 1st Year

Lecturer :	Babita Chaudhary, Ruchi Vats, Manita Kaur
Class with sem :	B.A 1st Year, 1st semester
Subject / Paper :-	History / History of India (from Earliest to Uttara CE)

Week	Topics
22 Aug to 27 Aug	Meaning and Definition of History, Concept, Sources of History Palaeolithic Introduction, Mesolithic Age.
29 Aug to 3 Sep	Concept of Neolithic, Neolithic Culture of Northern India, North-western Region, Vindhya Region, South Region, Neolithic Culture of Gangaic Valley, Eastern India.
5 Sep to 10 Sep	Harappan Civilization - founders, Origin, Extent, Urban Planning, Society, Economic, Religion, Political Organisation, Urban Decline, Test, Map
12 Sep to 17 Sep	Vedic Period - Introduction, Literature, Society, Economy and Polity Condition, Change in Religion in later Vedic period, Megalithic Culture, Revision whole lesson
19 Sep to 24 Sep	16 Mahajanapades, Republican State - Rise of Magadha, Causes of the Rise of Magadha Main Dynasties and Rulers of Magadha.
26 Sep to 1 Oct	Achaemenian & Macedonian Invasions and their Impacts Rise of Alexander; The Indian Campaign of Alexander Effects of Alexander's Invasion, Political, Economics Cultural Effects, Test.
3 Oct to 8 Oct	Jainism - Introduction, Origin, Life of Lord Mahavira Development of Jainism, Causes of Spread of Jainism, Schism in Jainism, Revision
10 Oct to 15 Oct	Buddhism: Life of Lord Buddha, Teaching of Lord Buddha, Four Buddhist Councils, Causes of Rapid Spread of Buddhism, Downfall of Buddhism Impacts & Legacy of Buddhism, Test

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17 Oct to 21 Oct	Mauvyan Empire - Introduction, Sources of Mauvya History, Megasthenes Indika, Arthashastra of Kautilya, Visakhadatt's Mudrarakhara, Asoka's Inscription, Mauvyan Empire - Expansion, Establishment, Revision
21 Oct to 29 Oct	Diwali Vacation
31 Oct to 5 Nov	Conguests of Chandragupta Mauvya, Bindusara, Ashoka, The Kalinga war, Results & Effects of Kalinga war, Expansion of Ashoka's Empire, Mauvyan Administration, military, Civil Administration, Ashoka's Dhamma, Art, Test, map.
7 Nov to 12 Nov	Varna System, Theories of the Origin of Caste System, Merits & Demerits of Caste System, Marriage, Property Relations, Revision, Viva
14 Nov to 19 Nov	Sunga Dynasty - Origin, Revision, Test
21 Nov to 26 Nov	Satavahana Dynasty - founder and other Rulers, Revival of Satavahanas: Gautamiputra Satakarni, Vashishadhi Putra Pulmari, Yajna Sri Satakarni, Downfall of Satavahanas, Administration, Society
28 Nov to 3 Dec	Sangam Age, Literature, Available Literature, Society and Culture, Chola Dynasty, Andhas, Revision whole lessons
5 Dec to 10 Dec	Shakas, Kushanas, Kushanas Art & Architecture, Coinage, Kanishka and Mahayan Buddhism, Kanishka's Successors, Test, Map
12 Dec to 17 Dec	Map Revision, whole Lesson Revision, Horeptran States, Ports, Trading Centres and Trade Routes of Ancient India, Ashoka's Empire, Extent of Kanishka's Empire, Viva-voice

Lesson Plan from 18-Aug-2022 to 10-Dec-2022
UG - 2nd & 3rd Year

Lecturer :	ms. Babita Chaudhary. ms. Ruchi Vats. ms. Manita Rani
Class with sem :	B.A. 2nd Year, 3rd Semester.
Subject / Paper :-	HISTORY. (History of India 1200-1707 Ad)

Week	Topics
18 Aug to 20 Aug	Foundation, Expansion and Consolidation of Delhi Sultanate. Rise of Delhi Sultanate. Qutubuddin Aibak, Alauddin, Iltutmish.
22 Aug to 27 Aug	Introduction of Rukn-ud-din Firuz. Balban and his blood and Iron policy, his Achievements. Jata System and Nobility system.
29 Aug to 3 Sep	Introduction of Jalaluddin Feroz Khilji and his achievements. Alauddin Khilji and his Conquests. North and South Conquests. Khilji's administration and economic reforms.
5 Sep to 10 Sep	Introduction of Tughlaq Dynasty. Achievements of Ghiasuddin Tughlaq, Muhammad Tughlaq and his various visionary Plans. Evaluation of Muhammad Tughlaq.
12 Sep to 17 Sep	Feroz Tughlaq and his reforms. Domestic and foreign policy of Feroz Tughlaq. Nature of Delhi Sultanate state in India. <u>Class Test.</u>
19 Sep to 24 Sep	Administration of Delhi Sultanate. Theory of Kingship. Shakti movement and its impacts. Sufism, teachings of sufism, effects of sufism.
26 Sep to 1 Oct	Causes of the decline of Delhi Sultanate. Sayyad and Lodi dynasty. Provincial Kingdoms - Mewar, Bengal, Vijaynagar and second Afghan empire. <u>Essay type Question answer Test.</u>
3 Oct to 8 Oct	Early Life of Sher Shah Suri and his Conquests. Administrative Reforms and achievements of Sher Shah Suri. 2 maps - Extent of Delhi Sultanate under Alauddin Khilji & various centres during Delhi Sultanate.

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10 Oct to 15 Oct	Emergence and Consolidation of Mughal Empire. Political Condition of India on the eve of Babur's invasion. Early life of Babur and his invasions. First and Battle of Panipat 1519 AD.
17 Oct to 21 Oct	Early Life of Akbar. Second battle of Panipat. Conquests of Akbar and his Rajput policy. Jahangir, Shahjahan and Aurangzeb. Map - Political Condition of India on the eve of Babur's invasion.
21 Oct to 29 Oct	Diwali Vacation
31 Oct to 5 Nov	Resistance of Local power during Sultanate and Mughal period. Slave dynasty, Khilji dynasty, Tughlaq dynasty, Sayyid and Lodi dynasties and resistance of local powers. II Unit short answer type question Test
7 Nov to 12 Nov	Administrative structure of Mughal Empire. Nature of Mughal state. Central and Provincial administration. Revenue System. Mansabdari and Jagirdari system.
14 Nov to 19 Nov	State and Religion, Economy system of Mughal Empire. Religious policy of Jahangir, Shahjahan, Aurangzeb. Map - India Under Akbar.
21 Nov to 26 Nov	Revision of the Mansabdari and Jagirdari system. Technological development and Economy under Mughals. Development of Industries in Mughal period.
28 Nov to 3 Dec	Emergence of Maratha Power. Causes of the rise of Maratha. Mughal - Maratha Struggle. Shivaji and his conquests. Mughal Maratha relation after Shivaji.
5 Dec to 10 Dec	Administration of Shivaji as Central, Provincial and Revenue administration. Problem - Solving Session. Viva.

Lesson Plan from 18-Aug-2022 to 10-Dec-2022
UG - 2nd & 3rd Year

Lecturer :	Mrs. Babita Chaudhary. Mrs. RUCHI VAS. Mrs. Manita Rani
Class with sem :	B.A. 3rd Year , 5th semester.
Subject / Paper :-	History. [Ancient and Medieval World]

Week	Topics
18 Aug to 20 Aug	Introduction of Pre-historic cultures. Hunting gathering age. Palaeolithic age, its origin. Lower Palaeolithic, middle age and Upper Palaeolithic age.
22 Aug to 27 Aug	Introduction of Mesolithic age its origin and characteristics. Concept of Neolithic age, its salient features.
29 Aug to 3 Sep	Sumerian Civilization its discovery. Political History and political, social, Economic and religious structure and cultural structure.
5 Sep to 10 Sep	Egyptian Civilization : its origin and Sources. Literary, Archaeological and Modern Sources. Political History, its social, Economic, religious and cultural structure.
12 Sep to 17 Sep	Indus Civilization its discovery, age, origin and main sites. Urban planning, Social, Economic, religious and cultural organisation. Urban decline and later Harappan Civilization.
19 Sep to 24 Sep	Introduction of Greek Civilization. History of Pre-iron age. City state of Sparta - Administration, Social, Economic system. Development of Imperialism in Athens.
26 Sep to 1 Oct	First Unit Short Answer type Questions. 2 maps - important sites of Indus Civilization. * Important sites of Sumerian Civilization.
3 Oct to 8 Oct	Roman Civilization its sources and Political History. Monarchy age and its social, Economy system. Democracy age and its administrative system.

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10 Oct to 15 Oct	Indian Civilization its geographical background changes in later Vedic period. Maintain the difference between Vedic and later Vedic period. Essay type Question Test
17 Oct to 21 Oct	Feudalism and its salient features. its meaning, nature, reason for the rise and main features. Advantages and disadvantages of feudalism.
21 Oct to 29 Oct	Diwali Vacation
31 Oct to 5 Nov	The rise of church, its Organisation and monasteries. Relations of church and society. Religious literature of the church. Contribution of church to medieval Europe.
7 Nov to 12 Nov	Pre-Islamic Arabia. Social, Economic, religious and political condition of Arabia before the rise of Islam. second unit short answer type question Test.
14 Nov to 19 Nov	Rise of Islam. Life of Prophet Muhammad. Early four Caliphs. 2 maps - Main centres of Greek Civilization. * Arab empire under Abbasids.
21 Nov to 26 Nov	Evaluation of state under Islam. Umayyad and Abbasid Khilafa. Short Answer type questions Test of Long Question.
28 Nov to 3 Dec	Islamic Society. Organisation of Society by Prophet Mohammed. Islamic Society Under Umayyad. Islamic Society Under Abbasids.
5 Dec to 10 Dec	Renaissance its meaning, Causes, Achievements and impacts. Reformation its Causes, effects and significances. Problem solving session and Viva.

Lesson Plan from 22-Aug-2022 to 17-Dec-2022 Mrs. Sangeeta Maurya
UG - 1st Year

Lecturer :	Sangeeta Maurya
Class with sem :	B.A(2) Semester 2
Subject / Paper :-	Home Science / Family Resource Management

Week	Topics
22 Aug to 27 Aug	Introduction to Syllabus Concept and scope of Home Science including job opportunities
29 Aug to 3 Sep	Housing: selection of site for an ideal house, soil, locality, Orientation Practical I: Making Rangoli of different types
5 Sep to 10 Sep	Kitchen Garden - Meaning and utility, Planning and types of manure Practical: Table setting, techniques & manners
12 Sep to 17 Sep	<u>Unit II</u> Elements & Principles of Art Practical: Drawing lay out plan for different rooms
19 Sep to 24 Sep	<u>Colour</u> : characteristic and colour schemes <u>Flower Arrangement</u> : Meaning types & importance Practical: Drawing lay out for different rooms
26 Sep to 1 Oct	<u>Unit III</u> Family Resource Management: Definition & importance. Practical: Lay out plan of rooms
3 Oct to 8 Oct	<u>Money Management</u> : Meaning, types of Income, process of money management Practical: Budget planning for different income groups
10 Oct to 15 Oct	<u>Time Management</u> : Goals of time management : Peak load, Work Curve & Rest period Practical: Record Keeping

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17 Oct to 21 Oct	<u>Energy Management</u> : Types of efforts, types of fatigue & ways to overcome fatigue Practical: Time plan for students
21 Oct to 29 Oct	Diwali Vacation
31 Oct to 5 Nov	Test on Unit II & Unit III <u>Practical</u> : Household test to detect food Adulteration
7 Nov to 12 Nov	Unit IV <u>Work simplification</u> : Meaning & Methods Practical: flower arrangement (Fresh & Dry)
14 Nov to 19 Nov	<u>Consumer Education</u> : Definition, consumer choice Practical: checking of files
21 Nov to 26 Nov	Buying problems and malpractices and consumer protection act Practical - Revision
28 Nov to 3 Dec	Factors affecting consumer decision Practical Revision
5 Dec to 10 Dec	Revision of Unit I & II
12 Dec to 17 Dec	Revision of Unit II & III


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Dr. Shalini: 19/9/2022
Dr. Annu: 19/9/2022

Lesson Plan from 18-Aug-2022 to 10-Dec-2022
UG - 2nd & 3rd Year

Lecturer :	Dr. Shalini and Dr. Annu
Class with sem :	BA III, 5th Semester
Subject / Paper :-	Home Science / Food & Nutrition

Week	Topics
18 Aug to 20 Aug	Food - Classification & Functions of food groups.
22 Aug to 27 Aug	Essential Food Constituents: Carbohydrate, Protein
29 Aug to 3 Sep	Carbohydrate Protein Continued Source, functions. R.D.A effect of deficiency and excess of these food constituents. Hot Beverages (Practical)
5 Sep to 10 Sep	Fats, Water: Sources, functions, R.D.A effect of deficiency and excess of these food constituents. Cold Beverages (Practical)
12 Sep to 17 Sep	Vitamin A, D, C Food Source, functions; recommended daily allowances, effects of deficiency & excess of the above (Theory) Souks Practical
19 Sep to 24 Sep	Vitamin B ₁ , B ₂ , Niacin: food source functions R.D.A effect of deficiency & excess of the above (Theory) Souks Practical
26 Sep to 1 Oct	Minerals: Calcium, Phosphorus, food Source, functions, recommended daily allowances, effects of deficiency & excess of the above (Theory) Desserts Practical
3 Oct to 8 Oct	Minerals: Iodine food source function, RDA, effects of deficiency & excess of the above (Theory) Desserts (Practical)

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10 Oct to 15 Oct	Importance and Methods of Cooking (Effects) of Cooking on different Nutrients. Theory Desserts (Practical)
17 Oct to 21 Oct	Methods of Cooking: Advantages and disadvantages. Moist heat - Boiling, Stewing, Steaming. Dry Heat: Roasting, Grilling, Baking. Practical Salads. (Practical)
21 Oct to 29 Oct	Diwali Vacation
31 Oct to 5 Nov	Frying: Shallow and Deep, Microwave Cooking in brief, Methods of enhancing nutritive value of food stuffs, Methods of enhancing value of food stuffs Snacks (Practical)
7 Nov to 12 Nov	Combination and Sublimation. Food Preservation: Importance of food preservation. Causes of food Spoilage Snacks (Practical)
14 Nov to 19 Nov	Methods of Food Preservation with special emphasis on home held methods Main meal (Practical)
21 Nov to 26 Nov	Meal Planning: Concepts of Balance diet, Principles of Meal Planning Main meal (Practical)
28 Nov to 3 Dec	Meal Planning of children. School going child Breakfast (Practical)
5 Dec to 10 Dec	Meal Planning of Adolescents, Adults. Pregnant women and lactating mother and Revision Breakfast Recipe (Practical)

25 Aug 2022
19/9/2022 Dr. Annu

Juniya
Taker Class

Lesson Plan from 18-Aug-2022 to 10-Dec-2022
UG - 2nd & 3rd Year

Lecturer :	Sunanda
Class with sem :	B.A II, 3 rd Semester
Subject / Paper :-	Home Science / Basic Clothing and Textile

Week	Topics
18 Aug to 20 Aug	Introduction to Syllabus
22 Aug to 27 Aug	Introduction to traditional Textiles - Mulmul, Banarsi, Chanderi, Potala. Sewing Machine - Its Part and Care (Practical)
29 Aug to 3 Sep	Embroidery of India → Phulkari, Kantha, Kasido. (Theory) Introduction of fiber - Definition. Sewing Machine - Care, Practical Writing
5 Sep to 10 Sep	Characteristics and classification of fiber. (Theory) Plain Seam (Practical), Hand Embroidery
12 Sep to 17 Sep	Natural Plant fiber - Cotton and linen Manufacturing, Properties and Use of Cotton and linen (Theory)] Run Seam (Practical)
19 Sep to 24 Sep	Jute and Animal fiber - Silk its Manufacturing & Properties and Uses (Theory) Fell Seam Practical
26 Sep to 1 Oct	Wool and Synthetic fiber - Rayon its Manufacturing & Properties and Uses (Theory) Gathers with band Practical
3 Oct to 8 Oct	Nylon and Polyester its manufacturing & Properties & Uses (Theory) Darts with band Practical

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10 Oct to 15 Oct	Weaving - Weaving Process, Parts, and Functions of a loom, Different types of basic and decorative weaving (Theory) Pleat with band. (Practical)
17 Oct to 21 Oct	Felting, Braiding, Bonding, Knitting, Netting. Give assignment to students (Theory) Plackets opening (Practical), Hand Embroidery
21 Oct to 29 Oct	Diwali Vacation
31 Oct to 5 Nov	Finishes → Mechanical / Physical - Calendering, Singeing, tendering, napping. Unit - I Test (Theory) Plackett opening (Practical), Hand Embroidery
7 Nov to 12 Nov	Brushing, Shearing and Shrinking. Chemical - bleaching and Mercerizing. Unit - II Test (Theory) Pin tucks (Practical), Hand Embroidery
14 Nov to 19 Nov	Special Purpose finishes - Wrinkle Resistant, Water Repellent, Flame Retardant, Free Soaks and Detergents (Theory) Cross tucks, (Checking of Practical file
21 Nov to 26 Nov	Starches, blues and bleaches, Laundry Reagents - acid, alkalis and Unit III Test Theory Hand Embroidery 3 stitches.
28 Nov to 3 Dec	Solvents and absorbents. Introduction of stain Removal and Revision of Short Questions (Theory) Drafting & Cutting of Petticoat Practical
5 Dec to 10 Dec	Stain Removal - Classification of Stains Methods of removing different types of Stains and Revision (Theory) Stitching of Petticoat and file checking (Practical)

Lesson Plan from 22-Aug-2022 to 17-Dec-2022

UG - 1st Year

Lecturer :	Dr. Seema Rani'
Class with sem :	B. A - I
Subject / Paper :-	Calculus

Week	Topics
22 Aug to 27 Aug	Successive Differentiation, Leibnitz theorem, Maclaurin and Taylor series expansions. Curvature.
29 Aug to 3 Sep	Radius of Curvature for Cartesian Curves, Parametric Curves, Polar Curves. Test of Chapter-2.
5 Sep to 10 Sep	Newton's Method, Radius of Curvature for pedal curves, Parametric Curves Tangential Polar equations. Centre of curve
12 Sep to 17 Sep	Circle of curvature. Chord of Curvature, evolutes. Test of Ch-Curvature
19 Sep to 24 Sep	Asymptotes in Cartesian and Polar Co-ordinates. Intersection of curve and its asymptotes. Test of Ch-4.
26 Sep to 1 Oct	Test for Con Concavity and Convexity Points of Inflection, Multiple Points, Cusps
3 Oct to 8 Oct	Nodes and Conjugate Points. Type of Cusps. Test of Chapter-6.
10 Oct to 15 Oct	Reduction formula Test of Chapter-8.

17 Oct to 21 Oct	Rectification, Intrinsic equations of curve. Application of single integration. Quadrature. Sectorial area. Chords.
21 Oct to 29 Oct	Diwali Vacation
31 Oct to 5 Nov	Area bounded by closed curve. Volumes and surfaces of solid of revolution.
7 Nov to 12 Nov	Theorem of Pappus and Guldens. Test of chapters -10-
14 Nov to 19 Nov	Multiple integrals, Double integrals in Cartesian and Polar Co-ordinate
21 Nov to 26 Nov	Area and volume by Double integrals, Triple integrals Cartesian
28 Nov to 3 Dec	Cylindrical and spherical coordinates. Volume of solid by Triple integrals
5 Dec to 10 Dec	Review whole syllabus. Test of Unit-I.
12 Dec to 17 Dec	Test of Unit 2, 3 and 4.

Lesson Plan from 22-Aug-2022 to 17-Dec-2022

UG - 1st Year

Lecturer :	Sunita
Class with sem :	B.Sc -I (1st sem)
Subject / Paper :-	Calculus

Week	Topics
22 Aug to 27 Aug	Successive Differentiation, Leibnitz theorem, Maclaurin and Taylor series expansions - Curvature.
29 Aug to 3 Sep	Radius of Curvature for Cartesian Curves, Parametric curves, Polar Curves. Test of chapter-2.
5 Sep to 10 Sep	Newton's Method, Radius of Curvature for pedal curves, Parametric curves Tangential Polar equations, Centre of curve
12 Sep to 17 Sep	Circle of curvature, Chord of Curvature, evolutes. Test of ch-curvature
19 Sep to 24 Sep	Asymptotes in Cartesian and Polar Co-ordinates. Intersection of curve and its asymptotes. Test of ch-4.
26 Sep to 1 Oct	Test for Con Concavity and Convexity Points of inflexion, Multiple Points, cusps
3 Oct to 8 Oct	Nodes and conjugate points, Type of cusps. Test of chapter-6.
10 Oct to 15 Oct	Reduction formula Test of chapter-8.

17 Oct to 21 Oct	Rectification, intrinsic equation of curve, Application of single integration Quadrature, Sectorial area, Chords
21 Oct to 29 Oct	Diwali Vacation
31 Oct to 5 Nov	Area bounded by closed curve. Volumes and surfaces of solid of revolution.
7 Nov to 12 Nov	Theorem of Papp's and Guldens. Test of chapters -10-
14 Nov to 19 Nov	Multiple Integrals, Double integrals in Cartesian and Polar Co-ordinates
21 Nov to 26 Nov	Area and volume by Double Integrals, Triple integrals Cartesian
28 Nov to 3 Dec	Cylindrical and spherical coordinates volume of solid by Triple integrals
5 Dec to 10 Dec	Revise whole syllabus Test of Unit-I
12 Dec to 17 Dec	Test of unit 2, 3 and 4.

Lesson Plan from 22-Aug-2022 to 17-Dec-2022
UG - 1st Year

Lecturer :	Mohini / Menakay
Class with sem :	B.A 1st
Subject / Paper :-	ALGEBRA (Mathematics)

Week	Topics
22 Aug to 27 Aug	Matrices, theorems and exercise 1.1, Symmetric & Skew symmetric matrix, Hermitian and Skew-Hermitian matrix and completion of Chapter 1.
29 Aug to 3 Sep	Rank of a matrix, Exercise 2.1, Elementary Operations, Theorems and Examples of Exercise 2.2.
5 Sep to 10 Sep	Normal Form of a matrix, Inverse of a matrix, Theorems and examples of exercise 2.3, Linear dependence & Independence of Matrix
12 Sep to 17 Sep	Completion of Chapter 2. Test and Revision of Chapter 1, Characteristic equation of a Matrix, Assignment on Rank of Matrix
19 Sep to 24 Sep	Scalar polynomial and Matrix Polynomial, Theorems and examples of Chapter 3.
26 Sep to 1 Oct	Revision and test of Chapter 2. Applications of Matrices to a system of Linear Equations, Completion of Exercise 4.1 & 4.2.
3 Oct to 8 Oct	Orthogonal Matrices and its theorems. Unitary matrices and its theorems, completion of exercise 5.1. Test and Revision of Chapter 4 and 5.
10 Oct to 15 Oct	Bilinear form and its matrix notation, theorems and examples of Exercise 6.1, Quadratic forms, Lagrange's method and completion of Chapter 6.

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17 Oct to 21 Oct	Relationship between the roots and coefficients of general polynomial equation in one variable, Solutions of polynomial equations & chapter 7.
21 Oct to 29 Oct	Diwali Vacation
31 Oct to 5 Nov	Test and Revision of Chapter 5 & 6, Transformation of equations, theorems and examples of Chapter 8 and completion of Ex. 8.1, 8.2, 8.3, 8.4
7 Nov to 12 Nov	Test and Revision of Chapter 7 and 8, Solution of cubic and biquadratic equations Exercise 9.1, Descartes's Solution of biquadratic
14 Nov to 19 Nov	Exercise 9.2, Ferrari's Method of solving a biquadratic, Exercise 9.3; Completion of Chapter 9.
21 Nov to 26 Nov	Test and Revision of Chapter 9, Descartes's rule of signs, Exercise 10.1.
28 Nov to 3 Dec	Test and Revision of Chapter 10, Problem discussion of students.
5 Dec to 10 Dec	Test of Unit 1 & 2, Assignment on Orthogonal and Unitary matrix.
12 Dec to 17 Dec	Test and Revision of Unit 3 & 4 and Revision of whole syllabus.

Lesson Plan from 22-Aug-2022 to 17-Dec-2022
UG - 1st Year

Lecturer :	Chananda
Class with sem :	B.Sc-I (Sem-I)
Subject / Paper :-	ALGEBRA (Mathematics)

Week	Topics
22 Aug to 27 Aug	Matrices, theorems and exercise 1.1, Symmetric & Skew symmetric matrix, Hermitian and Skew-Hermitian matrix and completion of Chapter 1.
29 Aug to 3 Sep	Rank of a matrix, Exercise 2.1, Elementary operations, Theorems and Examples of Exercise 2.2.
5 Sep to 10 Sep	Normal Form of a matrix, Inverse of a matrix, Theorems and examples of exercise 2.3, Linear dependence & Independence of Matrix
12 Sep to 17 Sep	Completion of Chapter 2. Test and Revision of Chapter 1, Characteristic equation of a Matrix, Assignment on Rank of Matrix
19 Sep to 24 Sep	Scalar polynomial and Matrix Polynomial, Theorems and examples of Chapter 3. Revision and test of Chapter 2.
26 Sep to 1 Oct	Applications of Matrices to a system of Linear Equations, Completion of Exercise 4.1 & 4.2. Orthogonal Matrices and its theorems.
3 Oct to 8 Oct	Unitary matrices and its theorems, completion of exercise 5.1. Test and Revision of Chapter 4 and 5.
10 Oct to 15 Oct	Bilinear form and its matrix notation, theorems and examples of Exercise 6.1, Quadratic forms, Lagrange's method and completion of Chapter 6

17 Oct to 21 Oct	Relationship between the roots and coefficients of general polynomial equation in one variable, Solutions of polynomial equations & Chapter 7.
21 Oct to 29 Oct	Diwali Vacation
31 Oct to 5 Nov	Test and Revision of Chapter 5 & 6, Transmutation of equations, theorems and examples of Chapter 8 and completion of Ex. 8.1, 8.2, 8.3, 8.4
7 Nov to 12 Nov	Test and Revision of Chapter 7 and 8, Solution of cubic and biquadratic equations, Exercise 9.1, Descartes's Solution of biquadratic
14 Nov to 19 Nov	Exercise 9.2, Ferrari's Method of solving a biquadratic, Exercise 9.3, Completion of Chapter 9.
21 Nov to 26 Nov	Test and Revision of Chapter 9, Descartes's rule of signs, Exercise 10.1.
28 Nov to 3 Dec	Test and Revision of Chapter 10, Problem discussion of students.
5 Dec to 10 Dec	Test of Unit 1 & 2, Assignment on Orthogonal and Unitary matrix.
12 Dec to 17 Dec	Test and Revision of Unit 3 & 4 and Revision of whole syllabus.

Lesson Plan from 18-Aug-2022 to 10-Dec-2022

UG - 2nd & 3rd Year

Lecturer :	Arju Rani
Class with sem :	Programming in C and Numerical Methods
Subject / Paper :-	B.A - III (Sem-III)

Week	Topics
18 Aug to 22 Aug	Computers: A General Introduction
	Introduction of Solution of Algebraic and Transcendental Equations
22 Aug to 27 Aug	Introduction to C
	do Examples and Exercise 1.1
29 Aug to 3 Sep	Data - Types
	do Examples and Exercise 1.2
5 Sep to 10 Sep	operators and Expressions
	do Examples and Exercise 1.3
12 Sep to 17 Sep	Decision Control Structures
	Taking Problems and Test-chapter 1,2
19 Sep to 24 Sep	loops, do Practicals
	do Examples and exercise 2.1
26 Sep to 1 Oct	Functions, Test chapter 3,4
	do Examples and Exercise 2.2
3 Oct to 8 Oct	The C Preprocessor Chapter 5,6
	do Examples and Exercise 2.3

10 Oct to 15 Oct	<p>Arrays , Revision of chapter 1 & 2, 22</p> <p>do examples and Exercise 2.4</p>
17 Oct to 21 Oct	<p>Puppetting of strings , Do Practical</p> <p>do examples and Exercise 2.5</p>
21 Oct to 29 Oct	<p>Diwali Vacation</p>
31 Oct to 5 Nov	<p>Structures and Unions</p> <p>do examples and Exercise 2.6</p>
7 Nov to 12 Nov	<p>Pointers</p> <p>taking Problems and Test chapter 2</p>
14 Nov to 19 Nov	<p>Files in C</p> <p>Revision of Previous chapters</p>
21 Nov to 26 Nov	<p>Test → Arrays , structures of Unions</p> <p>Discussion the Problems</p>
28 Nov to 3 Dec	<p>Test (Numerical Methods)</p>
5 Dec to 10 Dec	<p>taking Problems</p>

Lesson Plan from 18-Aug-2022 to 10-Dec-2022
UG - 2nd & 3rd Year

Lecturer :	Chandana Sharma.
Class with sem :	Programming in C and Numerical Methods
Subject / Paper :-	B.Sc II (II sem)

Week	Topics
18 Aug to 24 Aug	Computers: A General Introduction Introduction of Solution of Algebraic and Transcendental Equations
22 Aug to 27 Aug	Introduction to C do Examples and Exercise 1.1
29 Aug to 3 Sep	Data - Types do Examples and Exercise 1.2
5 Sep to 10 Sep	Operators and Expressions do Examples and Exercise 1.3
12 Sep to 17 Sep	Decision Control Structures Taking Problems and test chapter 1,2
19 Sep to 24 Sep	loops, do Practicals do Examples and exercise 2.1
26 Sep to 1 Oct	Functions, Test Chapter 3,4 do Examples and Exercise 2.2
3 Oct to 8 Oct	The C Preprocessor Chapter 5,6. do Examples and Exercise 2.3

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10 Oct to 15 Oct	Assays , Revision of chapter 1 & 2.1, 2.2 Do examples and Exercise 2.4
17 Oct to 21 Oct	Puppetting of strings , Do Practical Do examples and Exercise 2.5
21 Oct to 29 Oct	Diwali Vacation
31 Oct to 5 Nov	Structures and Unions Do examples and Exercise 2.6
7 Nov to 12 Nov	Pointers taking Problems and Test chapter 2
14 Nov to 19 Nov	Files in C Revision of Previous chapters
21 Nov to 26 Nov	Test → Arrays , structures of Unions discussion the problems
28 Nov to 3 Dec	Test (Numerical Methods)
5 Dec to 10 Dec	taking Problems

Lesson Plan from 18-Aug-2022 to 10-Dec-2022
UG - 2nd & 3rd Year

Lecturer :	Menaka
Class with sem :	B.Sc - II (III rd sem)
Subject / Paper :-	Differential Equation


Week	Topics
18 Aug to 20 Aug	
22 Aug to 27 Aug	Introduction to differential equation. Geometrical meaning of a differential equation. Exact differential equation. Integrating factors.
29 Aug to 3 Sep	Reduction to Exact differential Eqn. First order higher degree equation solvable for y , dy , Lagrange's Eqn. Clairaut equation. Singular soln.
5 Sep to 10 Sep	Problem Discussion, Test. Orthogonal trajectories. Self orthogonal family of curves.
12 Sep to 17 Sep	Linear differential eqn with constant coefficient. Homogeneous linear ordinary differential eqn. and their soln.
19 Sep to 24 Sep	Problem discussion Test
26 Sep to 1 Oct	Equation reducible to homogeneous linear ordinary differential equation Problem discussion.
3 Oct to 8 Oct	Introduction to Partial differential equation and their formulation.

10 Oct to 15 Oct	Definition of P.D.E, order and degree. Linear and non-linear Partial differential eqn. of first order.
17 Oct to 21 Oct	Complete solution, singular soln, General soln, and their soln.
21 Oct to 29 Oct	Diwali Vacation
31 Oct to 5 Nov	Test, Problem Discussion
7 Nov to 12 Nov	Solution of Lagrange's linear equation - Charpit's general method of soln.
14 Nov to 19 Nov	Problem Discussion Jacobi's method, P.D.E of second and higher order and their Problems
21 Nov to 26 Nov	General soln. Linear and non-linear homogeneous and non-homogeneous eqn with constant coefficient.
28 Nov to 3 Dec	Method of Separation of variables. Revisions
5 Dec to 10 Dec	Problem Discussion & Test.

Lesson Plan from 18-Aug-2022 to 10-Dec-2022
UG - 2nd & 3rd Year

Lecturer :	Mohani
Class with sem :	B.Sc/B.A - 3 (Semester-5)
Subject / Paper :-	Real Analysis (Mathematics)

Week	Topics
18 Aug to 20 Aug	Preliminaries and Introduction to Riemann Integral
22 Aug to 27 Aug	Theorems of Riemann Integral and completion of Ex-1.1
29 Aug to 3 Sep	Darboux's Theorem, Integrability of continuous functions and integrability of Monotonic functions, Completion of Ex-1.2
5 Sep to 10 Sep	Properties of Riemann Integral and completion of Ex-1.3
12 Sep to 17 Sep	Improper Integrals, their convergence and completion of Ex-2.1 and Comparison test for convergence, Completion of Ex-2.2.
19 Sep to 24 Sep	Completion of Ex-2.3, 2.4, 2.5, Integral as a function of a parameter and completion of Ex-3.1.
26 Sep to 1 Oct	Metric space Introduction, Theorems and completion of Ex-4.1
3 Oct to 8 Oct	Revision and test of Chap-1 and Introduction of Chs. Open spheres, closed spheres.



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10 Oct to 15 Oct	Interior points, nbd of a point, interior of a set Open set and all theorems of open set.
17 Oct to 21 Oct	Adherent points, limit points, closed set and all its theorems and Completion of Ex-5.1
21 Oct to 29 Oct	Diwali Vacation
31 Oct to 5 Nov	Revision and test of Ch-2 and introduced Compactness in metric space, theorems, Cantor Intersection theorem Second category space and completion of Ex-6.1
7 Nov to 12 Nov	Continuous function and theorems based on continuous function, uniform continuity, Isometry and its theorems and completion of Ex-7.1
14 Nov to 19 Nov	Covers, Compact set and compact metric space Bolzano Weierstrass Property and its theorems. Assignment on metric space, Revision of Ch-4
21 Nov to 26 Nov	Test of Ch-4, Finite Intersection Property, Total boundedness, Theorems of continuity and completion of Ex-8.1
28 Nov to 3 Dec	Revision and Test of Ch-5 and introduced connected- ness in metric space and completion of Ex-9.1 Revision.
5 Dec to 10 Dec	Revision of all chapters. Final Test.

Lesson Plan from 18-Aug-2022 to 10-Dec-2022
UG - 2nd & 3rd Year

Lecturer :	Ms. Dipti
Class with sem :	BSc IIIrd
Subject / Paper :-	Groups & Rings

Week	Topics
18 Aug to 20 Aug	
22 Aug to 27 Aug	Definition Group & Examples, Ex 1.1 complete
29 Aug to 3 Sep	Theorems and Examples of Ex 1.2 - Exercise 1.2 Complete. Revision 1.1 & 1.2. Examples and Theorems of Ex 1.3. Exercise 1.3 Complete
5 Sep to 10 Sep	Examples & Theorems of 1.4. Exercise 1.4 Complete. Exercise & Examples of 2.1 Complete.
12 Sep to 17 Sep	Exercise 2.2 Complete. Theorems & Examples of 2.3 Complete. Ex 2.3 complete. Taking doubts.
19 Sep to 24 Sep	Theorems & Examples of 3.1 & Exercise 3.1 Complete. Automorphism of cyclic group. Centre of group and Normalizer
26 Sep to 1 Oct	Theorems & Examples of 3.2 Exercise 3.2 Complete. Exercise 3.3 Complete. Permutation group. Some definitions & Examples of Permutations.
3 Oct to 8 Oct	Cayley Theorem. Ex 4.1 complete. Taking doubts. Test Chapter 1 & 2. Definition of Ring. Some Examples of Ring, Define field.


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10 Oct to 15 Oct	Theorems $\Sigma X 5.1$ Complete. Subrings. Theorems. Centre of a Ring & $\Sigma X 5.2$ Complete. Taking Revision & doubts. Test of Chapter 2
17 Oct to 21 Oct	Definition of ideal, sum of two ideals, Product of two ideals & Theorems of Ideals, Principal ideal, Maximal ideal, Prime ideal & Theorems
21 Oct to 29 Oct	Diwali Vacation
31 Oct to 5 Nov	Examples & Theorems of 6.1. Exercise 6.1 Complete. Test of Chapter 3. Definition of Ring Homomorphism. Kernel of a Ring Homomorphism
7 Nov to 12 Nov	Theorems. fundamental Theorem of Homomorphism. first The. of Isomorphism. Second The. of Isomorphism. Embedding of Rings. Examples of 7.1
14 Nov to 19 Nov	Exercise 7.1 Complete. Definition of Divisibility in a commutative Ring, Gaussian Integer. Some Theorems of 8.1
21 Nov to 26 Nov	Euclidean Ring, examples, Principal Ideal domain. Theorems of 8.1. Exercise 8.1 Complete. Definition of Polynomial Rings. Embedding of R into $R[x]$
28 Nov to 3 Dec	Polynomial over an integral domain. Some Theorems of Polynomial Ring. Remainder Theorems. Taking doubts. Unique factorization Domain. Primitive Polynomial.
5 Dec to 10 Dec	Irreducible Polynomial, Gauss lemma, Eisenstein's Irreducibility Criterion. Some Theorems & Examples of 9.1. Test of Chapter 3

Lesson Plan from 18-Aug-2022 to 10-Dec-2022
UG - 2nd & 3rd Year

Lecturer :	Menaker,
Class with sem :	B.Sc (5th sem)
Subject / Paper :-	Numerical Analysis

Week	Topics
18 Aug to 20 Aug	
22 Aug to 27 Aug	Chapter-3 - Finite Difference operator and their relations. Finding missing term & effect of error in diff. tabular value. Chapter-2 Interpolation
29 Aug to 3 Sep	Ex. 2.1 - Newton - Gregory formula for forward and backward Interpolation. Ex. 2.2 (Sub-division of intervals. Test of chap-2).
5 Sep to 10 Sep	Introduction of chapter 3 (Interpolation with unequal intervals. Ex. 3.1 (Divided diff. Ex. 3.1) to 3.2
12 Sep to 17 Sep	Introduction of chapter-4 (Central Difference interpolation formulae and taking doubts and test of ch-3.
19 Sep to 24 Sep	Ex. 4.1 (Gauss forward interpolation formula, Gauss backward interpolation formula, Sterling formula, Bessel's formula.
26 Sep to 1 Oct	Introduction of ch-5 (Probability Distributions and taking doubts and test of chapters 2.
3 Oct to 8 Oct	Ex. 5.1 to 5.2 (Discrete and continuous Random variable, Binomial Distribution

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10 Oct to 15 Oct	Ex. 5.3 (Poisson Distribution) and taking doubts and test of ch-4 Ex. 5.4 (Normal Distribution) and taking doubts
17 Oct to 21 Oct	Introduction of ch-6 (Numerical Differentiation) Ex. 6.1 (Formulas for derivatives)
21 Oct to 29 Oct	Diwali Vacation
31 Oct to 5 Nov	Introduction of ch-7 (Eigen value Problems) Ex. 7.1 (Power method, Givens method, Householder method. Starting of ch-8)
7 Nov to 12 Nov	Newton-Cotes quadrature formula, Trapezoidal rule, Simpson's one-third rule.
14 Nov to 19 Nov	Introduction of ch-9 (Numerical sol. of Ordinary diff. equations and taking doubts)
21 Nov to 26 Nov	Ex-9.1 (Euler's Method, Modified Euler's method and taking doubt and test of ch-6.
28 Nov to 3 Dec	Ex-9.2 Runge-Kutta Method, Picard method test of ch-7.
5 Dec to 10 Dec	Ex-9.3 - Milne - Simpson's Method, Adams-Bashforth method, and test of Ch-8.

Lesson Plan from 18-Aug-2022 to 10-Dec-2022
UG - 2nd & 3rd Year

Lecturer :	Menaka
Class with sem :	B.Sc - (III Semester)
Subject / Paper :-	Differential Equation

Week	Topics
18 Aug to 20 Aug	
22 Aug to 27 Aug	Introduction to differential equation. Geometrical meaning of a differential equation. Exact differential equation. Integrating factors.
29 Aug to 3 Sep	Reduction to Exact differential eqn. First order higher degree equation solvable for $xy, dy/dx$. Lagrange's eqn. Clairaut equation. Singular soln.
5 Sep to 10 Sep	Problem Discussion. Test. Orthogonal trajectories. Self orthogonal family of curves.
12 Sep to 17 Sep	Linear differential eqn with constant coefficient. Homogeneous linear ordinary differential eqn. and their soln.
19 Sep to 24 Sep	Problem discussion Test
26 Sep to 1 Oct	Equation reducible to homogeneous linear ordinary differential equation. Problem discussion.
3 Oct to 8 Oct	Introduction to Partial differential equation and their formulation.

10 Oct to 15 Oct	Definition of P.D.E, order and degree. Linear and non-linear Partial differential eqn of first order.
17 Oct to 21 Oct	Complete solution, singular sol ⁿ , general sol ⁿ , and their sol ⁿ .
21 Oct to 29 Oct	Diwali Vacation
31 Oct to 5 Nov	Test, Problem Discussion Solution of Lagrange's linear Equation.
7 Nov to 12 Nov	Charpit's general method of sol ⁿ . Problem Discussion
14 Nov to 19 Nov	Jacobi's method, P.D.E of second and higher order and their Problem
21 Nov to 26 Nov	General sol ⁿ . Linear and non-linear homogeneous and non-homogeneous eq ⁿ with constant coefficient.
28 Nov to 3 Dec	Method of Separation of variables. Revisions
5 Dec to 10 Dec	Problem Discussion & Test.

Lesson Plan from 18-Aug-2022 to 10-Dec-2022
UG - 2nd & 3rd Year

Lecturer :	Mohini
Class with sem :	Bsc/B.A - 3 (Semester-5)
Subject / Paper :-	Real Analysis

Week	Topics
18 Aug to 20 Aug	Preliminaries and Introduction to Riemann Integral
22 Aug to 27 Aug	Theorems of Riemann Integral and completion of Ex-1.1
29 Aug to 3 Sep	Darboux's Theorem, Integrability of continuous functions and integrability of Monotonic functions, Completion of Ex-1.2
5 Sep to 10 Sep	Properties of Riemann Integral and completion of Ex-1.3
12 Sep to 17 Sep	Improper Integrals, their convergence and completion of Ex-2.1 and Comparison test for convergence, Completion of Ex-2.2.
19 Sep to 24 Sep	Completion of Ex-2.3, 2.4, 2.5, Integral as a function of a parameter and completion of Ex-3.1.
26 Sep to 1 Oct	Metric space Introduction, Theorems and completion of Ex-4.1
3 Oct to 8 Oct	Revision and test of Chap-1 and Introduction of Chs. Open spheres, closed spheres

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10 Oct to 15 Oct	Interior points, nbd of a point, interior of a set Open set and all theorems of open set.
17 Oct to 21 Oct	Adherent points, limit points, closed set and all its theorems and Completion of Ex-5.1
21 Oct to 29 Oct	Diwali Vacation
31 Oct to 5 Nov	Revision and test of Ch-2 and introduced compactness in metric space, theorem, Cantor Intersection theorem Second category space and completion of Ex-6.1
7 Nov to 12 Nov	Continuous function and theorems based on continuous function, uniform continuity, Isometry and its theorems and completion of Ex-7.1
14 Nov to 19 Nov	Covers, Compact set and compact metric space, Bolzano Weierstrass Property and its theorems. Assignment on metric space, Revision of Ch-4
21 Nov to 26 Nov	Test of Ch-4, Finite Intersection Property, Total boundedness, Theorems of continuity and completion of Ex-8.1.
28 Nov to 3 Dec	Revision and Test of Ch-5 and introduced connected- ness in metric space and completion of Ex-9.1 Revision.
5 Dec to 10 Dec	Revision of all chapters. Final Test.

Lesson Plan from 18-Aug-2022 to 10-Dec-2022

UG - 2nd & 3rd Year

Lecturer :	Munekar
Class with sem :	B.A - III (V Semester)
Subject / Paper :-	Numerical Analysis

Week	Topics
18 Aug to 20 Aug	
22 Aug to 27 Aug	Chapter-1 - Finite Difference operator and their relations. Finding missing term & effect of error in diff. tabular value. Chapter-2 Interpolation
29 Aug to 3 Sep	Ex. 2.1 - Newton - Gregory formula for forward and backward interpolation. Ex. 2.2 (Sub-division of intervals. Test of chap-1.
5 Sep to 10 Sep	Introduction of chapter 3 (Interpolation with unequal intervals. Ex. 3.1 (Divided diff. Ex. 3.1) to 3.2
12 Sep to 17 Sep	Introduction of chapter-4 (Central Difference interpolation formulae and taking doubts and test of ch-3.
19 Sep to 24 Sep	Ex. 4.1 (Gauss forward interpolation formula, Gauss. backward interpolation formula, Sterling formula, Russell's formula.
26 Sep to 1 Oct	Introduction of ch-5 (Probability Distribution and taking doubts and test of chapter 2.
3 Oct to 8 Oct	Ex-5.1 to 5.2 (Discrete and continuous Random variable, Binomial Distribution)

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10 Oct to 15 Oct	Ex. 5.3 (Poisson Distribution) and taking doubts and test of ch-4 Ex. 5.4 (Normal Distribution) and taking doubts
17 Oct to 21 Oct	Introduction of ch-6 (Numerical Differentiation) Ex. 6.1 (Formulas for derivatives)
21 Oct to 29 Oct	Diwali Vacation
31 Oct to 5 Nov	Introduction of ch-7 (Eigen value problems) Ex. 7.1 (Power method, Givens method, Householder method. Starting of ch-8)
7 Nov to 12 Nov	Newton-Cotes quadrature formula, Trapezoidal rule, Simpson's one-third rule.
14 Nov to 19 Nov	Introduction of ch-9 (Numerical sol. of Ordinary diff. equation and taking doubts)
21 Nov to 26 Nov	Ex-9.1 (Euler's Method, Modified Euler's method and taking doubt and test of ch-6.
28 Nov to 3 Dec	Ex-9.2 Runge-Kutta Method, Picard method test of ch-7.
5 Dec to 10 Dec	Ex-9.3 - Milne - Simpson's Method, Adams-Bashforth method, and test of Ch-8.

Lesson Plan from 18-Aug-2022 to 10-Dec-2022
UG - 2nd & 3rd Year

Lecturer :	DISH
Class with sem :	BSC IIIrd (V sem)
Subject / Paper :-	Groups & Rings

Week	Topics
18 Aug to 20 Aug	
22 Aug to 27 Aug	Definition Group & Examples, EX 1.1 complete
29 Aug to 3 Sep	Theorems and Examples of EX 1.2. Exercise 1.2 complete. Revision 1.1 & 1.2. Examples and Theorems of EX 1.3. Exercise 1.3 complete
5 Sep to 10 Sep	Examples & Theorems of 1.4. Exercise 1.4 complete. Exercise & Examples of 2.1 complete.
12 Sep to 17 Sep	Exercise 2.2 complete. Theorems & Examples of 2.3 complete. EX 2.3 complete. Taking doubts.
19 Sep to 24 Sep	Theorems & Examples of 3.1 & Exercise 3.1 complete. Automorphism of cyclic group. Centre of group and Normalizer
26 Sep to 1 Oct	Theorems & Examples of 3.2. Exercise 3.2 complete. Exercise 3.3 complete. Permutation group. Some definitions & Examples of Permutations.
3 Oct to 8 Oct	Cayley Theorem. EX 4.1 complete. Taking doubts. Test Chapter 1 & 2. Definition of Ring. Some Examples of Ring, Define field.


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10 Oct to 15 Oct	Theorems Σ 5.1 Complete. Subrings. Theorems. Centre of a Ring & Σ 5.2 Complete. Taking Revision & doubts. Test of Chapter 2
17 Oct to 21 Oct	Definition of ideal, sum of two ideals, Product of two ideals & Theorems of Ideals, Principal ideal, Maximal ideal, Prime ideal & Theorems
21 Oct to 29 Oct	Diwali Vacation
31 Oct to 5 Nov	Examples & Theorems of 6.1. Exercise 6.1 Complete. Test of Chapter 3. Definition of Ring Homomorphism. Kernel of a Ring Homomorphism.
7 Nov to 12 Nov	Theorems. fundamental Theorem of Homomorphism. first The ⁿ . of Isomorphism. Second The ⁿ . of Isomorphism. Embedding of Rings. Examples of 7.1
14 Nov to 19 Nov	Exercise 7.1 Complete. Definition of Divisibility in a commutative Ring, Gaussian Integer. Some Theorems of 8.1
21 Nov to 26 Nov	Euclidean Ring, examples, Principal Ideal domain. Theorems of 8.1. Exercise 8.1 Complete. Definition of Polynomial Rings. Embedding of R into $R[x]$
28 Nov to 3 Dec	Polynomial over an integral domain. Some Theorems of Polynomial Ring. Remainder Theorems. Taking doubts. Unique factorization Domain. Primitive Polynomial.
5 Dec to 10 Dec	Irreducible Polynomial, Gauss lemma, Eisenstein's Irreducibility Criterion. Some Theorems & Examples of 9.1. Test of Chapter 3

Lesson Plan from 22-Aug-2022 to 17-Dec-2022

UG - 1st Year

Lecturer :	Dr. Rachna
Class with sem :	1st year . 1. Semester
Subject / Paper :-	music- vocal mva1

Week	Topics
22 Aug to 27 Aug	Sangeet Parichay. Swar Singing Practice
29 Aug to 3 Sep	Alankar Parichay, Alankar Singing Practice, Alankar Banane ka Trika.
5 Sep to 10 Sep	Sangeet, Dhruani, Swar, Sapatak, Taal Ka Parichay.
12 Sep to 17 Sep	Short Notes - Shruiti, Laya, Raga, Dadra Taal Parichay
19 Sep to 24 Sep	Raag Yaman Parichay, Dadra Taal Practice with hand beads.
26 Sep to 1 Oct	Raag Yaman Singing Practice with Taal.
3 Oct to 8 Oct	Teentaal Parichay in hand beads. Kharwa Taal Parichay also.
10 Oct to 15 Oct	Raag Yaman Singing Parichay of Raag Bhupali.

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17 Oct to 21 Oct	Raag Bhupali Dohut Khyal Singing Practice with Taal on Tabla.
21 Oct to 29 Oct	Diwali Vacation
31 Oct to 5 Nov	Swara & Alankar Singing Practice with Playing Harmonium.
7 Nov to 12 Nov	Raag Yaman & Bhupali Test and Singing Practice with Taan and Taal in Tabla
14 Nov to 19 Nov	Alhaiya Bilawal Raag Parichay with Notation
21 Nov to 26 Nov	Raag Alhaiya Bilawal Singing Practice with Taal & Taan.
28 Nov to 3 Dec	Method of Tuning Taanpura & Singing Practice with Taanpura
5 Dec to 10 Dec	Raag Bhupali, Yaman & Alhaiya Bilawal Dohut Khyal Singing Practice with 2 Alap & Taan's Dohra, Keharwar, Teen Taal Practice with hand beats
12 Dec to 17 Dec	— Revision —

Lesson Plan from 18-Aug-2022 to 10-Dec-2022

UG - 2nd & 3rd Year

Lecturer :	Dr. Rachna
Class with sem :	2nd Year 3 Semester
Subject / Paper :-	Music - Vocal (MVO3)

Week	Topics
18 Aug to 20 Aug	Rag Bhairav Parichay with Aaroh, Avaroh, Vaadi, Sambhadi etc
22 Aug to 27 Aug	Rag Bhirav Rag Singing Practice.
29 Aug to 3 Sep	Chartaal Parichay with hand beats Rag Bhirav Singing Practice
5 Sep to 10 Sep	Rag Des Rag Parichay Definition - Khyal - vilambit - Druat Khyal.
12 Sep to 17 Sep	Rag Desh Singing Practice. Definition Maseetkhani - Razakhani Nat
19 Sep to 24 Sep	Rag Desh & Bhirav Singing Practice Definition - Tarana, meend & Kan.
26 Sep to 1 Oct	Description Granthas Natyashastra, Taal Tilvada Parichay
3 Oct to 8 Oct	Taal Tisra Parichay & Tilvada Taal Practice with hand beats.

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10 Oct to 15 Oct	Description - Sangeet Ratnakar Life sketch - Ameer khusrro.
17 Oct to 21 Oct	Biography - Mustak Ali Khan Rag Des Singing practice with 2 Taal & alaap
21 Oct to 29 Oct	Diwali Vacation
31 Oct to 5 Nov	Life sketch - Vishnu Degamber Palushtker. Rag Khamaj Parichay with Aaroh, Avrooh, Vadi, Samvadi etc.
7 Nov to 12 Nov	Formation of 72 thaat of Pt Vignanket mukhi Charitaal, Tilvada, Tivra Taal practice Aagun & Dugun.
14 Nov to 19 Nov	Test all sheet Topic - Khyal - vilumbit Khyal - Druet Khyal, maseetkhani gat, Tarana, meend & karsuvar.
21 Nov to 26 Nov	Rag, Des, Khamaj, Shirav Singing Practice with Two Taan & allab in Tabla
28 Nov to 3 Dec	Test all Rag Des, Khamaj, Shirav & Taal Charitaal, Tilvada, Tivra
5 Dec to 10 Dec	— Revision —

Lesson Plan from 18-Aug-2022 to 10-Dec-2022

~~UG~~ 2nd & 3rd Year

Lecturer :	Dr. Rachna
Class with sem :	3rd Year - 5th Sem
Subject / Paper :-	Music vocal (MV05)

Week	Topics
18 Aug to 20 Aug	Raag miya ki malhar Parichay with Swar. Saptak, Vaadi, Samvaadi etc
22 Aug to 27 Aug	Raag miya ki malhar Notation & Singing Practice with Taal.
29 Aug to 3 Sep	Raag Bhairavi Parichay with Swar, Vaadi, Samvaadi, Aroh, Avroh & Pakad.
5 Sep to 10 Sep	Raag Bhairavi Singing Practice with Taal.
12 Sep to 17 Sep	Raag Bhairavi Notation & Singing Practice with Taal. Raag miya ki malhar Singing Practice also.
19 Sep to 24 Sep	Jhaptaal Parichay, Practice with hand beats Ekgun, Dugun, Tigun & Chaugun.
26 Sep to 1 Oct	Saal taal Parichay, Practice with hand beats Raag Tilak Kamod Parichay.
3 Oct to 8 Oct	Raag Tilak Kamod Notation & Singing Practice.

10 Oct to 15 Oct	Detail description of Tabla & There playing style.
17 Oct to 21 Oct	Detail knowledge music of Panjab
21 Oct to 29 Oct	Diwali Vacation
31 Oct to 5 Nov	Detail knowledge of Gharana, Awalian & Agra Gharana.
7 Nov to 12 Nov	Contribution Towards music of Pt Vinayak Rao Patwardhan Ustad. Chand Khan.
14 Nov to 19 Nov	Discuss about short Topics & Test all short Topic of Raag and Gharanas.
21 Nov to 26 Nov	Detail Study Kirana Gharana & test all Biography
28 Nov to 3 Dec	Singing practice all Raag & Taals with hand beats
5 Dec to 10 Dec	Revision

Lesson Plan from 22-Aug-2022 to 17-Dec-2022
UG - 1st Year

Lecturer :	Mangya Jain
Class with sem :	B.A I 1st Semester
Subject / Paper :-	Music (HNS) M I 01

Week	Topics
22 Aug to 27 Aug	Defination of Sangeet, Dhvani, Shruti, Swar / Practical - Bol of Mizrab Da & Ra in Sitar
29 Aug to 3 Sep	Alankar, Saptaak, Lay, Rag Ki defination Practical (Practice of Bol Da & Ra in Sitar)
5 Sep to 10 Sep	Description of the following. Naad, Jaati of Naad Tasta, Tivata, Grah / Practical - Alankar Ki Practice in Sitar
12 Sep to 17 Sep	Taal Keherwa Ki Defination & Table & Rag Bhupali Ka Parichay, Aaroh, Awaroh & Pakad / Practical Taal Keherwa Ki Practice in hand, Da dir da Ra Ki Practice in Sitar
19 Sep to 24 Sep	Test of Alankar & Keherwa Taal / Practical Rag Bhupali Ki Rajakhani Gut Ki Practice in Sitar
26 Sep to 1 Oct	Types of Thaati in written & Taal Dadra Ki defination & Table / Practical Rag Bhupali Ki Rajakhani Gut Ki Practice & Two Tora
3 Oct to 8 Oct	Description of Aaroh, Awaroh, Pakad, Pt. Vishnu Narayan Bhaskharde Ka life sketch in written / Practical - Rag Bhupali whole Rag Ki Practice in Sitar & Taal Dadra Ki Practice in hand
10 Oct to 15 Oct	Test of Thaati, Sangeet, Dhvani & Shruti / Practical Rag Yaman Ka Parichaya Aaroh, Awaroh & Pakad (Aaroh, Awaroh & Pakad Ki Practice in Sitar)

17 Oct to 21 Oct	Description of the following instruments Tabla, Sitar / Practical Taal Dadra Ki Practice in hand.
21 Oct to 29 Oct	Diwali Vacation
31 Oct to 5 Nov	Rag Yaman Ki Rajakhari Gat in written, Introduction & importance of music in our daily life Test of Taal Dadra / Practical Rag Yaman Ke Aaroh Awaroh, Pakad Ki Practice in Sitar
7 Nov to 12 Nov	Life Sketch of Pt. Ravi Shankar. Rag Yaman Ki Rajakhari Gat Ke Gore / Practical Rag Yaman
14 Nov to 19 Nov	
21 Nov to 26 Nov	Assignment Check of Sitar Ki Description
28 Nov to 3 Dec	
5 Dec to 10 Dec	
12 Dec to 17 Dec	

Lesson Plan from 18-Aug-2022 to 10-Dec-2022
UG - 2nd & 3rd Year

Lecturer :	Manju Jain
Class with sem :	B.A II 3rd Semester
Subject / Paper :-	Music (Instrumental) M I (03)

Week	Topics (Only Practical)
18 Aug to 20 Aug	Rag Desh Ka Parichay, Aaroh, Awaroh & Pakad & Aalap
22 Aug to 27 Aug	Rag Desh ka Aalap & Mashchekhavi Ghat in written & Practice in Sitar
29 Aug to 3 Sep	Rag Desh ke Mashchekhavi Ghat ke Tore in written & Practice in Sitar
5 Sep to 10 Sep	Desh Raag ke Mashchekhavi Ghat & Tore ki Practice in Sitar
12 Sep to 17 Sep	Taal Chartaal ki Digan, Dugun, Tigan & Chaugun in written & Practice in Hand
19 Sep to 24 Sep	Rag Desh ki Rajakhavi Ghat & Tore / Practice in Sitar
26 Sep to 1 Oct	Rag Desh ka Jhala & whole Desh Rag ki Practice.
3 Oct to 8 Oct	Rag Khawaj Ka Parichay, Aaroh, Awaroh & Pakad & Practice in Sitar.

10 Oct to 15 Oct	Rag Khamaj Ki Rajakhari Gat Ki Practice in Sila
17 Oct to 21 Oct	Rag Khamaj Ke Rajakhari Gat Ke Tore Ki Practice in Sila
21 Oct to 29 Oct	Diwali Vacation
31 Oct to 5 Nov	Taal Tilva da Ekgun, Dugun, Tigun & Chongun in written & Practice in hand.
7 Nov to 12 Nov	Rag Bhairav Ka Parichay, Aaroh, Awaroh Pakod & Aalap & Practice in Sila
14 Nov to 19 Nov	Rag Bhairav Ki Rajakhari Gat / Practice in Sila
21 Nov to 26 Nov	Rag Bhairav Ke Rajakhari Gat Ke Tore / Practice in Sila
28 Nov to 3 Dec	Taal Tilva Ekgun, Dugun, Tigun Chongun / Practice in hand.
5 Dec to 10 Dec	Revision / Rag & Taal Ki Practice

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Lesson Plan from 18-Aug-2022 to 10-Dec-2022

UG - 2nd & 3rd Year

Lecturer :	Manju Jain
Class with sem :	B-A III 5th Semester
Subject / Paper :-	MUSIC (JMS) M I (05)

Week	Topics
18 Aug to 20 Aug	Rag Miyan Malhar Ka Parichay, Aaroh, Awaroh & Pakad Alap in written
22 Aug to 27 Aug	Masheetkhani Gat of Miyan Ki Malhar / Practice in Sitar
29 Aug to 3 Sep	Tore of Rajakhani Gat of Miyan Ki Malhar / Practice in Sitar / Taal Dhamar in written Ekgun dugun, Tigun & Chaugun
5 Sep to 10 Sep	Test of Masheetkhani Gat (Rag Miyan Ki Malhar) Dhamar Taal Ki Practice in hand whole Rag Miyaki Malhar Ke Tore Ki Practice
12 Sep to 17 Sep	Jhala of Rag Miyaki Malhar / Practice in Sitar origin & Development of Notation System along with their variant & Demerits
19 Sep to 24 Sep	Rag Tilakramod Ka Parichay, Alap & Aaroh Awaroh, Pakad in written / Practice in Sitar Test of Taal Dhamar Ki Ekgun, Dugun, Tigun, Chaugun
26 Sep to 1 Oct	Rag Tilakramod Ki Masheetkhani Gat & Tore in written / Practice in Sitar
3 Oct to 8 Oct	Rag Tilakramod Ki Rajakhani Gat & Tore Practice in Sitar

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10 Oct to 15 Oct	Thala of Rag Tilak Kamod in written & practice in Sitar / Taal Jhaptaal
17 Oct to 21 Oct	Test of Rag Tilak Kamod Ki Rajakhari Chor Copy check / Rag Tilak Kamod Ki practice in Sitar
21 Oct to 29 Oct	Diwali Vacation
31 Oct to 5 Nov	Ustad Mustak Aliqha Ka life sketch Rag Miya Ki Tori Ka Parichay, Aaroh, Awaroh & Pakad / practice in Sitar
7 Nov to 12 Nov	Placement of Swaras on veena by Shreevats Rajakhari Chor of Rag Miya Ki Tori / practice in Sitar
14 Nov to 19 Nov	Test of Taal Jhaptaal & Assignment check: Rag miya Ki Tori ke Tore (Rajakhari gat) Practice in Sitar
21 Nov to 26 Nov	Life sketch of Pandit Nikhil Banerjee Taal Sohtal Ki Skgun, dugun, Tigan & Chougan in written / practice in hand
28 Nov to 3 Dec	Role of Internet in popularizing music / Rag Ki practice in Sitar.
5 Dec to 10 Dec	Test of Notation (Rag miya Ki Tori Ki Rajakhari Chor) Revision whole Syllabus.

Lesson Plan from 22-Aug-2022 to 17-Dec-2022
UG - 1st Year

Lecturer :	Miss Mehini
Class with sem :	B. A 1 st 1 st Sem
Subject / Paper :-	Foundation of Physical Education (Practical)

Week	Topics
22 Aug to 27 Aug	
29 Aug to 3 Sep	Introduction of Physical Fitness, Tells about Shuttle Run, Push-ups and sit-ups.
5 Sep to 10 Sep	Hockey Introduction, History of Hockey Ground measurement warming up & Specific exercises Tells about Rule & regulation
12 Sep to 17 Sep	Tells about skills - dribbling, scoop, hitting Tells about Awards and International players of Hockey: Demonstration & Practice
19 Sep to 24 Sep	Introduction about Kabaddi, History, Ground measurement, Warming up & specific exercises Tells about rule & regulation Group Discussion
26 Sep to 1 Oct	Tells about skills - Raid, Catching, Bonus, Toe-Touch, Block - Tells about Scoring and officials - Demonstration & Practice
3 Oct to 8 Oct	History of wrestling, Warming up & specific exercise. Tells about Rule & Regulation Ground Measurement, Group Discussion
10 Oct to 15 Oct	Tells about skills, Match timing & Bouts. Tells about officials. Tells about International players Group Discussion & Practice



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17 Oct to 21 Oct	Tells about Athletic Track, standard Track lane & line, Marking of Track. Tells about Track and field events, start and finish of Race.
21 Oct to 29 Oct	Diwali Vacation
31 Oct to 5 Nov	Types of races, Rules & Regulations of Track and field events. Tells about officials and start of Race. Demonstration & Practice
7 Nov to 12 Nov	Tells about field events Marking of long Jump, warming-up & specific exercise Rules & Regulations of long Jump.
14 Nov to 19 Nov	Skills of long Jump Take off, Jump & landing Demonstration & Practice of Jump and Races.
21 Nov to 26 Nov	Tells about 'Discus Throw, Marking & measurement of Throwing area Rules & Regulation of Throwing events
28 Nov to 3 Dec	warming-up & specific exercises. Demonstration of Skills, Group Discussion and Practice.
5 Dec to 10 Dec	Practice of Race long Jump & Discus Throw.
12 Dec to 17 Dec	Practice of Hockey and Kabaddi and Wrestling.

Lesson Plan from 22-Aug-2022 to 17-Dec-2022
UG - 1st Year

Lecturer :	Ms. Monika Saini
Class with sem :	B.A Ist, Ist Sem.
Subject / Paper :-	Foundation of physical education (Practical)

Week	Topics
22 Aug to 27 Aug	-
29 Aug to 3 Sep	Introduction of Physical Fitness. Tells about shuttle run, push-ups and sit-ups.
5 Sep to 10 Sep	Hockey Introduction, History of Hockey Ground Measurement warming up & specific exercises Tells about Rule & regulation.
12 Sep to 17 Sep	Tells about Skills - Dribbling, Scop, Hitting Tells about Awards and International Players of Hockey Demonstration & Practice
19 Sep to 24 Sep	Introduction about Kabaddi, History Ground Measurement, warming up & specific exercises Tells about Rule & regulation Group Discussion
26 Sep to 1 Oct	Tells about Skills - Raid, catching, Bonus, Toe-touch, Block - Tells about Scoring and officials Demonstration & Practice
3 Oct to 8 Oct	History of wrestling, warming up & specific exercise. Tells about Rule & regulation Ground Measurement, Group Discussion
10 Oct to 15 Oct	Tells about Skills, match timing & Bouts. Tells about officials. Tells about International Players Group Discussion & Practice


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17 Oct to 21 Oct	Tells about Athletic track, standard lane & line, Marking of track. Tells about track and field events, start and finish of race.
21 Oct to 29 Oct	Diwali Vacation
31 Oct to 5 Nov	Types of races, rule & Regulations of track and field events. Tells about officials and start of races. Demonstration & practice
7 Nov to 12 Nov	Tells about field events Marking of long jump, warming - up & specific exercises. Rules & regulations of long jump.
14 Nov to 19 Nov	Skills of long jump take off - jump & landing. Demonstration & practice of jump and races.
21 Nov to 26 Nov	Tells about Discus Throw, Marking & measurement of throwing area. Rules & Regulation of Throwing events.
28 Nov to 3 Dec	warming - up & specific exercises. Demonstration of skills, group discussion and practice.
5 Dec to 10 Dec	Practice of Races long jump & Discus Throw.
12 Dec to 17 Dec	Practice of Hockey and kabaddi and wrestling.

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Lesson Plan from 22-Aug-2022 to 17-Dec-2022
UG - 1st Year

Lecturer :	Ms. Monika Sani
Class with sem :	B. A Ist , Ist sem.
Subject / Paper :-	Foundations of Physical education (Theory)

Week	Topics
22 Aug to 27 Aug	-
29 Aug to 3 Sep	Introduction of Physical education
5 Sep to 10 Sep	Meaning and definition of Physical Education Scope of Physical education
12 Sep to 17 Sep	Aim of Physical education objectives of Physical education Importance of Physical education in modern Society
19 Sep to 24 Sep	Qualities and qualifications for a Physical education teacher Group discussion and Revision
26 Sep to 1 Oct	Introduction of History developments of Physical education. Pre independence developments of Physical education & sports in India
3 Oct to 8 Oct	Post independence developments of Physical education & sports in India Group discussion
10 Oct to 15 Oct	Introduction of SAI and NSNIS and Role of these agencies in development of Physical education & sports.

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17 Oct to 21 Oct	Introduction of IOA, IOA Aim and Objectives and role in promotion in sports. Group Discussion
21 Oct to 29 Oct	Diwali Vacation
31 Oct to 5 Nov	Introduction about olympic (Ancient & Modern) historical development of ancient olympic games. Group discussion
7 Nov to 12 Nov	Historical development of modern olympic games. Tells about India's situation in olympics.
14 Nov to 19 Nov	Introduction of Asian games and highlights of India's Performance in Asian games. Group discussion
21 Nov to 26 Nov	Introduction of Commonwealth games and highlights of India's Performance in Commonwealth games.
28 Nov to 3 Dec	Rajiv Gandhi Khel Ratna Award Arjuna Award Dronacharya Award, Group discussion
5 Dec to 10 Dec	Bhim Award MAKA Trophy Major Dhyan Chand Award, Group discussion
12 Dec to 17 Dec	Revision

Lesson Plan from 18-Aug-2022 to 10-Dec-2022
UG - 2nd & 3rd Year

Lecturer :	Ms. Monika Saini
Class with sem :	B.A IIInd, 3rd Sem
Subject / Paper :- (Theory)	Psycho-Physiological basis of Physical Education

Week	Topics
18 Aug to 20 Aug	-
22 Aug to 27 Aug	-
29 Aug to 3 Sep	Introduction of Psychology and Sports Psychology
5 Sep to 10 Sep	Meaning and definition of Sports Psychology Importance of Sports Psychology Introduction of Learning
12 Sep to 17 Sep	Meaning of Learning Laws of Learning Transfer of Learning (Group discussion)
19 Sep to 24 Sep	Introduction of Motivation, Meaning and definition of Motivation, Types of Motivation Methods of Motivation
26 Sep to 1 Oct	Introduction of Individual difference Types of Individual difference Causes of Individual difference
3 Oct to 8 Oct	Introduction of Anatomy and Physiology Meaning and definition of Anatomy and Physiology Importance of Anatomy and Physiology

10 Oct to 15 Oct	Introduction of Circulatory System Effects of exercise on circulatory system Group discussion
17 Oct to 21 Oct	Introduction of Respiratory System Effects of exercise on Respiratory System Group discussion
21 Oct to 29 Oct	Diwali Vacation
31 Oct to 5 Nov	Introduction of Bones, Types of Bones and Functions of Bones Revision Unit - II
7 Nov to 12 Nov	Introduction of Pasture. Meaning of Pasture and types of Good Pasture Causes of Poor Pasture
14 Nov to 19 Nov	Introduction of Common Pastoral deformities. Prevention and remedial measures. Introduction of Good Pasture
21 Nov to 26 Nov	Importance of Good Pasture Introduction of Tournaments. Meaning of Tournaments and types of Tournaments.
28 Nov to 3 Dec	Procedure of draw fixtures for Single Knock-out tournament
5 Dec to 10 Dec	Procedure of draw fixtures for league tournaments. Merits and Demerits of Knock-out and league tournament Revision Unit - III, IV

Lesson Plan from 18-Aug-2022 to 10-Dec-2022
UG - 2nd & 3rd Year

Lecturer :	Ms. Monika Saini
Class with sem :	B.A Ind, 1, 3rd Sem.
Subject / Paper :-	Practical Psycho-Physiological basis of Physical Education

Week	Topics
18 Aug to 20 Aug	
22 Aug to 27 Aug	
29 Aug to 3 Sep	Tells about shuttle run, push-ups and Situps
5 Sep to 10 Sep	Tells about History of Athletics Tells about standard track, Tells about Track and field events
12 Sep to 17 Sep	Tells about Marking of track, rules and regulations of Track and field events Tells about stagger. Tells about starting and Einishing point
19 Sep to 24 Sep	Tells about 800m race, start and Einishing point 800m-race. Tells about Hurdle race, start Einish point, rules and regulation of Hurdle race
26 Sep to 1 Oct	Tells about Hurdle Measurement History of Triple Jump, warming up and specific exercises. Rules and regulations
3 Oct to 8 Oct	Tells about Skills approach run, take off for hop, step and Jump, landing Demonstration and Group discussion

10 Oct to 15 Oct	History of Javelin throw, Measurements of Javelin ground, warming up and specific exercise. Rules and regulations of Javelin throw
17 Oct to 21 Oct	Techniques of Javelin throw - Holding, approach run, Throw Demonstration and Group discussion
21 Oct to 29 Oct	Diwali Vacation
31 Oct to 5 Nov	History of Cricket, Ground Measurements, Tells about equipments & skills - catching, Fending, Batting, Tells about rules and regulations
7 Nov to 12 Nov	warming up. specific exercise, Tells about Scoring, Tells about International Player
14 Nov to 19 Nov	History of Handball warming up and specific exercise. Tells about rules and regulations, Measurement
21 Nov to 26 Nov	Tells about skills throw, Holding the ball, Jump-shot, Dive. Demonstration
28 Nov to 3 Dec	Tells about Ground Maintenance, Practice History of Judo, Measurement of Judo Mat Rules and regulations. Tells about basic skills and techniques Demonstration
5 Dec to 10 Dec	Tells about officials and match points Group discussion
	Revision and Practice

Lesson Plan from 18-Aug-2022 to 10-Dec-2022
UG - 2nd & 3rd Year

Lecturer :	Ms. Mehini
Class with sem :	B.A II nd, 3 Sem
Subject / Paper :- (Theory)	Psycho-Physiological basis of Physical Education [C.C.]

Week	Topics
18 Aug to 20 Aug	
22 Aug to 27 Aug	
29 Aug to 3 Sep	Introduction of Psychology and sports Psychology
5 Sep to 10 Sep	Meaning and definition of sports Psychology Importance of sports Psychology Introduction of Learning
12 Sep to 17 Sep	Meaning of Learning Laws of Learning Transfer of Learning, Group discussion
19 Sep to 24 Sep	Introduction of Motivation, meaning and definition of Motivation, Types of Motivation Methods of Motivation.
26 Sep to 1 Oct	Introduction of Individual difference Types of Individual difference Causes of Individual difference Revision
3 Oct to 8 Oct	Introduction of Anatomy and Physiology Meaning and definition of Anatomy and Physiology Importance of Anatomy and Physiology

10 Oct to 15 Oct	Introduction of Posture, Meaning of Posture and Types of Good Posture, Causes of Poor Posture.
17 Oct to 21 Oct	Introduction of Postural deformities, Common Postural deformities, Prevention and remedial measures.
21 Oct to 29 Oct	Diwali Vacation
31 Oct to 5 Nov	Introduction of Good Posture and Importance of good posture, Group Discussion Revision of Unit III
7 Nov to 12 Nov	Introduction of Tournaments, Meaning of Tournaments and Types of Tournaments Group Discussion
14 Nov to 19 Nov	Procedure to draw fixtures for single knock-out tournament Procedure to draw fixtures for league tournament
21 Nov to 26 Nov	Merits and Demerits of Knock-out and League tournament
28 Nov to 3 Dec	Revision of Unit I, II
5 Dec to 10 Dec	Revision of Unit III, IV

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Lesson Plan from 18-Aug-2022 to 10-Dec-2022
UG - 2nd & 3rd Year

Lecturer :	Ms. Mohini
Class with sem :	B. A II nd , 3 rd Sem
Subject / Paper :- (Practical)	Psycho-Physiological basis of Physical Education (C.C)

Week	Topics
18 Aug to 20 Aug	
22 Aug to 27 Aug	
29 Aug to 3 Sep	Tells about Shuttle Run, Marking for Shuttle Run Rule and Regulations. Explain the Benefits of Shuttle Run.
5 Sep to 10 Sep	Tells about Push-ups and Explain the Benefits of Push-up for Physical fitness. Tells about Sit-ups and Benefits. Tells about History of Athletics.
12 Sep to 17 Sep	Tells about Standard Track, Tells about Track and field events. Tells about Marking of Track.
19 Sep to 24 Sep	Explain the Rules and regulations of Track and field events. Tells about Stagger. Tells about Starting and finishing point.
26 Sep to 1 Oct	Tells about 800m race, start and finish of 800m race. Tells about Hurdle race, starting and finishing point. Rules and Regulations of Hurdle race. Tells about Hurdle measurements.
3 Oct to 8 Oct	History of Triple Jump, Warming up and specific exercise, Rules and Regulations, measurements. Tells about Skills - approach run, take off for hop, step and Jump, Landing Demonstration and Discussion.

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10 Oct to 15 Oct	History of Javelin throw, measurements. Warming up and specific exercises. Tell about Rules and Regulations of Javelin throw.
17 Oct to 21 Oct	Techniques of Javelin throw - Holding, approach run, Throw, group discussion, Short questions Practice.
21 Oct to 29 Oct	Diwali Vacation
31 Oct to 5 Nov	History of Cricket, Ground measurements, Tells about equipments, skills - Catching, Fielding, Batting Practice, Demonstration
7 Nov to 12 Nov	Tells about Rules and Regulations of Cricket Warming up and specific exercise, Tells about Scoring. Tells about international player and group discussion.
14 Nov to 19 Nov	History of Handball, Warming up and specific exercises, Tells about rules and regulations, Measurement of ground.
21 Nov to 26 Nov	Tells about skills - Holding the ball, Throwing Catching, Jump shot - Dive Demonstration Tells about ground maintenance, group discussion Practice.
28 Nov to 3 Dec	History of Judo, measurement of Judo mat Rules and Regulations, Tells about basic skills and techniques.
5 Dec to 10 Dec	Demonstration and Practice of skills Tells about officials, group discussion. Revision and Practice.

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Lesson Plan from 18-Aug-2022 to 10-Dec-2022
UG - 2nd & 3rd Year

Lecturer :	Ms Neha
Class with sem :	BA IIIrd & IV Sem
Subject / Paper :- (Theory)	Socio-psychological Foundation of Physical education

Week	Topics
18 Aug to 20 Aug	Introduction of Physical education. Learning Reasoning of sports activity Psycho-Physical Unity of human being
22 Aug to 27 Aug	Laws of learning, their application to situations on play ground Theories of Play
29 Aug to 3 Sep	Individual differences Introduction of Adjustment Types of Adjustment
5 Sep to 10 Sep	Introduction of Motivation Types of Motivation and methods of Motivation Group discussion
12 Sep to 17 Sep	Sports as medium of socialization sports and economy status and effects. spectators and crowd behaviour
19 Sep to 24 Sep	Traditions and their influence on behaviour patterns. Revision of Unit I, II
26 Sep to 1 Oct	Introduction of Conditioning Need and Importance of Conditioning Methods of Conditioning
3 Oct to 8 Oct	Introduction of Circuit Training Introduction of Interval Training Introduction of Fartlek Training

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10 Oct to 15 Oct	Introduction of weight training Revision of Unit III
17 Oct to 21 Oct	Test: Unit I & II
21 Oct to 29 Oct	Diwali Vacation
31 Oct to 5 Nov	Introduction of Doping, Concept and definition of Doping, Types of doping
7 Nov to 12 Nov	Types of doping, Prevention of doping Group Discussion
14 Nov to 19 Nov	Hazard of Smoking, Prevention of Smoking and quitting techniques Smoking
21 Nov to 26 Nov	Hazard of drinking, Prevention of drinking quitting Techniques of drinking
28 Nov to 3 Dec	Group discussion Revision of Unit III, IV
5 Dec to 10 Dec	Revision and Test

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Lesson Plan from 18-Aug-2022 to 10-Dec-2022
UG - 2nd & 3rd Year

Lecturer :	Ms. Neha
Class with sem :	B.A IIIrd, IV Sem.
Subject / Paper :- (Practical)	Sociopsychological Foundation of Physical Education

Week	Topics
18 Aug to 20 Aug	History of Hockey, Measurement, Tells about Rules and Regulations, Ground Maintenance, Warming up, Group discussion
22 Aug to 27 Aug	Tells about Goalkeeper dress and equipments Skills - Kick, scoop, Drive, hitting, dribbling Famous cup and trophies for men & women
29 Aug to 3 Sep	History of Kabaddi, warming up exercise Tells about ground measurement, Rules and Regulations
5 Sep to 10 Sep	Kabaddi Skills - Raid Defence, Catching, ground Maintenance, Tells about Players Group discussion and practice
12 Sep to 17 Sep	Tells about History of Athletics, Tells about standard Track Tells about Track and Field events
19 Sep to 24 Sep	Tells about Rules and Regulations of Track and Field events Tells about start and Finish of 1500 mtr. race
26 Sep to 1 Oct	Tells about Straggler Tells about 400 mtr. Hurdle race explain start and Finish and Rule & Regulations
3 Oct to 8 Oct	Tell about International Players of Indian Athletics, Tells about Care and maintenance of Track.


10 Oct to 15 Oct	History of Table-Tennis, Measurement specific exercises, Rules and Regulations
17 Oct to 21 Oct	Tells about Table Tennis Skills - Holding the racket, hitting, service Group discussion, Tells about Scoring
21 Oct to 29 Oct	Diwali Vacation.
31 Oct to 5 Nov	History of water polo. Tells about Measurement, Rules and regulations warming up, specific exercise and cooling down
7 Nov to 12 Nov	Tells about water polo skills Care and maintenance of growth, Group discussion.
14 Nov to 19 Nov	Revision and Practice
21 Nov to 26 Nov	History of Triple Jump, warming up and specific exercise, Rules and Regulations Measurements Group discussion
28 Nov to 3 Dec	Tells about Skills - approach run, take off for hop, step and Jump, landing, discussion
5 Dec to 10 Dec	Demonstration and Revision of Triple Jump.

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Lesson Plan from 18-Aug-2022 to 10-Dec-2022
UG - 2nd & 3rd Year

Lecturer :	Ms. Monika Saini
Class with sem :	B.A IIIrd / IV Sem.
Subject / Paper :- (Practical)	Psychological Foundation of Physical Education

Week	Topics
18 Aug to 20 Aug	—
22 Aug to 27 Aug	—
29 Aug to 3 Sep	History of Hockey, warming up-specific exercises.
5 Sep to 10 Sep	Tells about ground Measurement of Hockey Explain Rules and Regulations, Tells about Goal Keeper dress and equipments Skills - Elick, Swoop, Drive, hitting.
12 Sep to 17 Sep	History of Kabaddi, warming up exercises Tells about ground Measurement, Rules and Regulations ^{with plug} Demonstration of skill group discussion
19 Sep to 24 Sep	Kabaddi Skills - Raid, Defence, Catching, Explain Match Points, Ground Maintenance Tells about Players Positions, Practice
26 Sep to 1 Oct	Tells about History of Athletics. Tells about standard Track, Measurement of track Tells about Track and Field events
3 Oct to 8 Oct	Tells about Rules and Regulations of Track and field events Tells about start and Finish of 1500 mts. race


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10 Oct to 15 Oct	Tells about Stagger, Tells about 400mtr. Hurdle race starting and finishing point, Explain rule and regulations of Hurdle race
17 Oct to 21 Oct	Tells about International Players of Indian Athletics, Tells about care and maintenance of Track.
21 Oct to 29 Oct	Diwali Vacation
31 Oct to 5 Nov	History of Table-Tennis, Measurement Specific exercises Explain Rules and Regulations
7 Nov to 12 Nov	Tells about Table-Tennis Skills - Holding the racket, hitting, service, Tells about Scoring
14 Nov to 19 Nov	History of water polo Tells about Measurement warming up and Specific exercises Explain rules and regulations of water polo
21 Nov to 26 Nov	Tells about water polo skills - Throwing the ball Care and maintenance of ground Group discussion
28 Nov to 3 Dec	History of Triple Jump, warming up and Specific exercises, Rules and Regulations Measurements
5 Dec to 10 Dec	Tells about skills approach run, take off for hop, step and Jump, landing Group discussion

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Lesson Plan from 22-Aug-2022 to 17-Dec-2022
UG - 1st Year

Lecturer :	Ms. NEELAM GUPTA, Dr. Indu Vashistha
Class with sem :	B.Sc Ist, Sem - I
Subject / Paper :-	Mechanics - I, PPs → 1

Week	Topics
22 Aug to 27 Aug	Introduction to classical mechanics, particle, system, Conservation Laws.
29 Aug to 3 Sep	Dynamics of single particle, Dynamics of system of particles. Centre of mass.
5 Sep to 10 Sep	Conservation of linear momentum, Conservation of energy, Angular displacements, Revision of Unit - I
12 Sep to 17 Sep	Angular acceleration & angular momentum. Torque, conservation of angular momentum.
19 Sep to 24 Sep	Motion of Rocket, frame of Reference, Non-inertial frame of Reference :- Pseudo forces, Revision of Unit - 2.
26 Sep to 1 Oct	Rotation of rigid body, moment of inertia, torque, angular momentum. K.E of rotation.
3 Oct to 8 Oct	Theorems of Per & Parallel axis with proof, moment of inertia of solid sphere.
10 Oct to 15 Oct	mom. of inertia of hollow sphere, spherical shell, solid cylinder, hollow cylinder.

17 Oct to 21 Oct	M.O.I. of Solid bar of rectangular cross-section, Acc. of body rolling down on an inclined plane.
21 Oct to 29 Oct	Diwali Vacation
31 Oct to 5 Nov	S.H.M, Differential eqn of S.H.M & its solution. Revision of unit - 3
7 Nov to 12 Nov	Test of unit 1 & 2 & 3.
14 Nov to 19 Nov	Kinetic & Potential energy: Total energy & their time average.
21 Nov to 26 Nov	Damped & forced harmonic oscillation motion of rocket, frame of reference.
28 Nov to 3 Dec	Unit - 3 Revision & unit 4 revision.
5 Dec to 10 Dec	Test of 4
12 Dec to 17 Dec	Test

Lesson Plan from 22-Aug-2022 to 17-Dec-2022
UG - 1st Year

Lecturer :	Dr. Nisha Rani, Ms. Sujata
Class with sem :	B.Sc 1st Sem I
Subject / Paper :-	Electrostatics & magnetism

Week	Topics
22 Aug to 27 Aug	Review of vector algebra, gradient divergence, curl & their significance,
29 Aug to 3 Sep	Vector integration, line, surface & volume integrals of vectors fields, Gauss divergence thm & Stokes theorem of vectors.
5 Sep to 10 Sep	Electrostatic field, Electric flux, Gauss thm of electrostatics. Application of Gauss thm, E.F. due to point charge.
12 Sep to 17 Sep	Infinite line of charge, uniformly charged spherical shell & solid sphere.
19 Sep to 24 Sep	Plane charged sheet, charged conductor. Electric pot. as line integral of E of. Pot. due to point charge.
26 Sep to 1 Oct	Electric dipole, uniformly charged spherical shell & solid sphere, Calculation of E.F. from pot.
3 Oct to 8 Oct	Unit - I & test of unit - I
10 Oct to 15 Oct	Capacitance of an isolated spherical conductor, parallel plate, spherical and cylindrical condenser, Energy per unit volume in electrostatic

17 Oct to 21 Oct	Dielectric medium, Polarisation, Displacement vector, Gauss theorem in dielectrics.
21 Oct to 29 Oct	Diwali Vacation
31 Oct to 5 Nov	Parallel plate Capacitor Completely filled with dielectric.
7 Nov to 12 Nov	Magnetostatics: Biot-Savart's law and its applications - Straight Conductor, circular coil, Solenoid
14 Nov to 19 Nov	Divergence and curl of Magnetic field, Magnetic vector potential, Ampere's Circuital law.
21 Nov to 26 Nov	Magnetic properties of materials Magnetic intensity, Magnetic induction
28 Nov to 3 Dec	Permeability, magnetic susceptibility, Brief introduction of dia-para.
5 Dec to 10 Dec	Ferromagnetic Materials. Revision of unit-2
12 Dec to 17 Dec	Revision of unit-3.

Lesson Plan from 18-Aug-2022 to 10-Dec-2022

UG - 2nd & 3rd Year

Lecturer :	MS Sujata ; Dr Inoh Vasistha.
Class with sem :	B.sc final yr (5th sem)
Subject / Paper :-	Physics / Quantum Mechanics

Week	Topics
18 Aug to 20 Aug	Failure of (classical) E-M theory, quantum theory of radiation (old quantum theory), photon, photoelectric effect and Einstein photoelectric eq ⁿ
22 Aug to 27 Aug	Compton effect (theory and result), Inadequacy of old quantum theory, de-broglie hypothesis.
29 Aug to 3 Sep	Davisson and Germer experiment. G.P. Thomson experiment, phase velocity, group velocity, Heisenberg's uncertainty principle.
5 Sep to 10 Sep	time energy and angular momentum position uncertainty, uncertainty principle from de-broglie wave
12 Sep to 17 Sep	Gamma Ray microscope, Electron diffraction from a slit
19 Sep to 24 Sep	Revision of Unit-1, Derivation of time dependent Schrodinger wave eq ⁿ , eigen values.
26 Sep to 1 Oct	eigen functions, wave functions and its significance, Normalization of wave fun.
3 Oct to 8 Oct	Concept of observable and operator.

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10 Oct to 15 Oct	Sol ⁿ of Schrodinger eq ⁿ for harmonic oscillator ground states and excited states
17 Oct to 21 Oct	Application of Schrodinger eq ⁿ in the sol ⁿ of the following one-dimensional problems:
21 Oct to 29 Oct	Free \neq Diwali Vacation
31 Oct to 5 Nov	Free particle in one-dimensional box
7 Nov to 12 Nov	Sol ⁿ of Schrodinger wave eq ⁿ , eigen function, eigen values, quantization of energy and momentum
14 Nov to 19 Nov	nodes and antinodes, zero point energy.
21 Nov to 26 Nov	one-dimensional potential barrier $E > V_0$ (Reflection & transmission coefficient)
28 Nov to 3 Dec	one-dimensional potential barrier, $E > V_0$ (Reflection coefficient, penetration of leakage coefficient, penetration depth)
5 Dec to 10 Dec	Revision of Unit III.

Lesson Plan from 18-Aug-2022 to 10-Dec-2022
UG - 2nd & 3rd Year

Lecturer :	MS Neelam Gupta
Class with sem :	BSc- 3rd (5th sem)
Subject / Paper :-	Physics / Solid state Physics

Week	Topics
18 Aug to 20 Aug	Crystalline and glassy forms, Liquid crystals. Crystal structure
22 Aug to 27 Aug	periodicity, Lattice and basis crystal translational vectors and axes.
29 Aug to 3 Sep	Unit cell and primitive cell, Wigner Seitz primitive cell.
5 Sep to 10 Sep	Cell symmetry operations for a two dimensional crystal, Bravais Lattices in two dimension
12 Sep to 17 Sep	Bravais Lattice in three Dimensions, Revision of Unit-1
19 Sep to 24 Sep	Crystal plane and Miller indices, interplanar spacing.
26 Sep to 1 Oct	Crystal structures of Zinc sulphide.
3 Oct to 8 Oct	Sodium Chloride and Diamond. Crystal structure

10 Oct to 15 Oct	X-ray Diffraction, Bragg's Law
17 Oct to 21 Oct	Experimental X-ray Diffraction methods, k-space, Revision of Unit-2
21 Oct to 29 Oct	Diwali Vacation
31 Oct to 5 Nov	Reciprocal Lattice and its physical significance, reciprocal Lattice Vectors.
7 Nov to 12 Nov	reciprocal Lattice to a simple cubic Lattice.
14 Nov to 19 Nov	Reciprocal Lattice to bcc and fcc.
21 Nov to 26 Nov	Specific heat of solids, Einstein's theory of specific heat
28 Nov to 3 Dec	Debye model of Specific heat of solids, Revision of Unit-III.
5 Dec to 10 Dec	Revision of Unit-I, II and III.

Lesson Plan from 22-Aug-2022 to 17-Dec-2022


UG - 1st Year

Lecturer :	Dr. Nisha Rani
Class with sem :	B.Sc - 2 nd year (3 rd sem)
Subject / Paper :-	Physics / Optics.

Week	Topics
22 Aug to 27 Aug	wave optics: Electromagnetic nature of light, Definition and properties of wave front. Huygen's principle.
29 Aug to 3 Sep	Interference: Division of Amplitude and division of wavefront. Young's Double Slit experiment. Lloyd's mirror and Fresnel's Biprism.
5 Sep to 10 Sep	Phase change on Reflection: Stokes treatment. Interference in thin film parallel and wedge-shaped film.
12 Sep to 17 Sep	Fringes of equal inclination; Fringes of equal thickness, Newton's Rings; Measurement of wave length and Refractive index.
19 Sep to 24 Sep	Test of unit-1, Fresnel Diffraction: Fresnel's Assumptions, Fresnel's Half Period Zones for plane wave. Rectilinear Propagation of Light
26 Sep to 1 Oct	Theory of Zone Plate and its application Multiple foci of a zone plate, qualitative description for Fresnel diffraction pattern
3 Oct to 8 Oct	Fraunhofer diffraction: Single slit Double slit and Multiple slits. Various kind of diffraction grating
10 Oct to 15 Oct	Resolving Power of grating, Rayleigh criteria of the limit of Resolution

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17 Oct to 21 Oct	Resolving Power of an optical instrument
21 Oct to 29 Oct	Diwali Vacation
31 Oct to 5 Nov	Test of unit - 2. Polarization: Double Refraction, plane Polarized light - Production and analysis, circular and elliptical Polarization, Half wave and Full wave Plate.
7 Nov to 12 Nov	
14 Nov to 19 Nov	Optical activity, specific rotation, optical Fibers - Construction and working
21 Nov to 26 Nov	Critical angle of Propagation, Modes of Propagation
28 Nov to 3 Dec	Acceptance angle, Attenuation, Advantages and applications of optical Fibre.
5 Dec to 10 Dec	Revision of unit - 3.
12 Dec to 17 Dec	Test of unit - 3


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Lesson Plan from 22-Aug-2022 to 17-Dec-2022
UG - 1st Year

Lecturer :	Dr Ankita Gupta
Class with sem :	B.Sc - 2 nd year (3 rd sem)
Subject / Paper :-	Thermodynamics.

Week	Topics
22 Aug to 27 Aug	Zeroth law of thermodynamics and temp. First law and internal energy, conservation of heat into work, various thermodynamical processes.
29 Aug to 3 Sep	Applications of First law: General rel ⁿ b/w C_p and C_v , work done during isothermal and Adiabatic processes, Compressibility and Expansion Coefficient, Reversible process.
5 Sep to 10 Sep	Second law and Entropy, Carnot's cycle and theorem, Entropy change in Reversible and irreversible processes, Entropy-Temperature.
12 Sep to 17 Sep	Test of unit-1; Third law of Thermodynamics, Unattainability of absolute zero thermodynamic potentials: Enthalpy,
19 Sep to 24 Sep	Gibbs, Helmholtz and internal energy functions, Maxwell's relation and applications Joule Thomson effect, Clausius-Clapeyron Eq.
26 Sep to 1 Oct	Expression for $(C_p - C_v)$, C_p/C_v , TdS equations
3 Oct to 8 Oct	Test of unit-2, Kinetic theory of Gases: Derivation of Maxwell's law of distribution of velocity and its experimental verification.
10 Oct to 15 Oct	Mean free path, Brownian Motion, Real gases.

17 Oct to 21 Oct	Verder waal's equation. Conceptual of unit -2.
21 Oct to 29 Oct	Diwali Vacation
31 Oct to 5 Nov	Law of equipartition of energy and its application to specific heat of gases
7 Nov to 12 Nov	Monoatomic and diatomic gases, Theory of Radiation: Black body radiation
14 Nov to 19 Nov	Spectral distribution, Concept of Energy density, Derivation of Planck's law.
21 Nov to 26 Nov	Deduction of wien's distribution law, Test of unit-2
28 Nov to 3 Dec	Rayleigh-jeans law, Stefan Boltzmann law.
5 Dec to 10 Dec	wien's displacement law and from Planck's law.
12 Dec to 17 Dec	Test of unit-3

Lesson Plan from 22-Aug-2022 to 17-Dec-2022

UG - 1st Year

Lecturer :	Mrs. Sushila Kaurhik, Mrs. Manta Wadhwa, Mrs. Dimple Aggarwal
Class with sem :	B. A. I, Sem I
Subject / Paper :-	POLITICAL SCIENCE, Indian Government and Politics

Week	Topics
22 Aug to 27 Aug	Introduce the syllabus Meaning and definition of constitution
29 Aug to 3 Sep	Main features of Constitution. Meaning and features of Preamble, Criticism of the Preamble. Define Fundamental Rights.
5 Sep to 10 Sep	Features of fundamental Rights. Criticism of fundamental Rights. Importance of Rights Revise I & II topic. meaning of the Directive Principles.
12 Sep to 17 Sep	Significance and importance of Principles. Criticism of Principles, difference between fundamental Rights & Principles. Problem solve Federalism and centre-state Relations.
19 Sep to 24 Sep	Federalism in India, Unitary Features, causes power centralisation. Criticism and Evaluation Sarkaria Commission. Administrative Relations & Educational Functions. Election of the President.
26 Sep to 1 Oct	Powers and Functions of the President of India. Emergency Power & criticism. Role and position of the President. Power and Functions of the Cabinet. Powers of Prime Minister. Position of Prime Minister.
3 Oct to 8 Oct	Problem solve. Functions and powers of the Governor. Position of the Governor. Test of Unit - I. Power & Functions of the Lok Sabha.
10 Oct to 15 Oct	Speaker of the Lok Sabha, Power & Functions. Power & Functions of Rajya Sabha. Composition of the Supreme Court. Judicial Review in India.


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17 Oct to 21 Oct	Independence of Judiciary. Judicial Activism Powers & Functions of the High Court objective test Unit I, II.
21 Oct to 29 Oct	Diwali Vacation
31 Oct to 5 Nov	Meaning and Definition of Caste, Impact of Caste on the politics. Features of Patriarchal Theory. Features of matriarchal Theory. meaning & Features of Regionalism.
7 Nov to 12 Nov	Forms of Regionalism. Impact of regionalism on Indian politics. Long question test. Main causes of the impact of Religion on Indian Politics
14 Nov to 19 Nov	Impact of Religion on Indian politics. Functions of the Election Commission, Importance of Election Commission. electoral process, Voting behaviour in India. Problems of the Indian party system.
21 Nov to 26 Nov	National political parties, Nationalist Congress party. Problem solve of Unit II & III. Characteristics of elements of social movements,
28 Nov to 3 Dec	Peasant movements in India, Labour movement. women movements, Responsible factors for lower status of women.
5 Dec to 10 Dec	Long question Test of Unit III & IV will be taken History of Environment movements in India objective test will be taken.
12 Dec to 17 Dec	Revision work.

Lesson Plan from 18-Aug-2022 to 10-Dec-2022

UG - 2nd & 3rd Year

Lecturer :	Mrs. Sushila Keshni, Mrs. Anjali Arora, Mrs. Manita Wadhwa
Class with sem :	B.A 2nd (Semester - III)
Subject / Paper :-	Political Science → Comparative Government and Politics

Week	Topics
18 Aug to 20 Aug	Comparative Politics :- Its Meaning and Nature
22 Aug to 27 Aug	Scope of Comparative Politics, Meaning and Nature of comparative method,
29 Aug to 3 Sep	Scope and utility of comparative method, Approaches to the study of Comparative Politics → Input-output approach, Political Culture Approach
5 Sep to 10 Sep	Structural-functional Approach, Political Development Approach and its objective type questions
12 Sep to 17 Sep	Meaning and characteristics of Democracy, Arguments in favour and against Democracy, Conditions Necessary for the success of Democracy
19 Sep to 24 Sep	Authoritarian and Totalitarian Political Systems Review Doubt class of Unit - I
26 Sep to 1 Oct	Test of Unit - I Comparative Politics - Traditional and Modern Perspectives, Its utility and problems and solutions
3 Oct to 8 Oct	Forms of Government -! Parliamentary and Presidential - Its meaning, Definition, merits and Demerits.


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10 Oct to 15 Oct	features of British Parliamentary system, features of Presidential system of America Unitary Government - Meaning, Definitions, Characteristics and Demerits.
17 Oct to 21 Oct	Definitions of federal Government, characteristics, merits and demerits, comparison between unitary and federal system. federal system of Canada Doubt class
21 Oct to 29 Oct	Diwali Vacation
31 Oct to 5 Nov	Test of Unit - II Electoral system - Meaning, Single Member and Multi-Member Electoral systems, Proportional Representation system, features of Electoral system in India
7 Nov to 12 Nov	Political Party - one party, Two party, and multi party system, Indian Political Party system, British Party system and American Political Party system.
14 Nov to 19 Nov	Test - Unit - 3rd. Nature of state - Organic Theory, Realistic Theory of state, Marxist Theory of state Doubt class
21 Nov to 26 Nov	Welfare state - its functions Objective Type questions Problem Solving session
28 Nov to 3 Dec	Globalization - Meaning, Causes, Nature and Impact of Globalisation, Dimensions of Globalisation, Arguments in favour and Against globalisation Doubt class
5 Dec to 10 Dec	Revision, Problem Solving and Test Viva of objective questions

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Lesson Plan from 18-Aug-2022 to 10-Dec-2022
UG - 2nd & 3rd Year

Lecturer :	Subhika Kaur, Manta Wadhwa, Dimple Aggarwal
Class with sem :	B.A-III / IV sem.
Subject / Paper :-	Political Science / Comparative Politics.

Week	Topics
18 Aug to 20 Aug	Introduce the syllabus.
22 Aug to 27 Aug	Comparative Politics. Meaning, Definition, features and scope will be explain. Importance of Comparative Politics Evaluation.
29 Aug to 3 Sep	Scope and problems of comparative politics will be explained. Comparative method - meaning, Definition features will be explained.
5 Sep to 10 Sep	meaning, Definition, development and characteristics of Behaviouralism. objective question Revised.
12 Sep to 17 Sep	Meaning, Definition Important elements of political development. Constitution meaning & Definition and types will be revised.
19 Sep to 24 Sep	Constitutionalism meaning and development will be explained. Differences between Constitution and constitutionalism and problems
26 Sep to 1 Oct	of constitutionalism will be explained. Political culture - meaning, Definition necessity, characteristics and different
3 Oct to 8 Oct	Kind of political culture will be explained. Objective questions of unit 2 will be revised.

10 Oct to 15 Oct	Unit test of ch. I will be taken. Discuss the problems and queries. Objective test.
17 Oct to 21 Oct	Legislative - Meaning, Definition, Different function. Argument in favour and in against of Bicameralism Direct legislating - meaning, feature merits
21 Oct to 29 Oct	Diwali Vacation
31 Oct to 5 Nov	and Demerits will be explained. objective question of Unit 3 will be explained. Long question test.
7 Nov to 12 Nov	Judiciary - meaning, Definition, function will be explained. Discuss the way to ensure the independence & Judiciary.
14 Nov to 19 Nov	Theory of separation of powers will be explained. Importance and criticism will be discussed. objective question of Unit 3 revised. Political Parties - meaning, Definition. and
21 Nov to 26 Nov	essential elements will be explained. Revised Unit 2 and test of unit 2 will be taken. Merits and Demerits of multi party system and single party will be explained. discuss the students homework
28 Nov to 3 Dec	Test of Unit 3 will be taken. Pressure Group - meaning Definition features and way of work and difference of political parties. Merits and Demerits of Pressure group will be explained. Problem solve.
5 Dec to 10 Dec	Unit test of Unit 4 will be taken. objective question revised. oral test of objective question of all units. Revision work will be done.

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Lesson Plan from 22-Aug-2022 to 17-Dec-2022

UG - 1st Year

B.A. Ist year (Ist sem)

Lecturer :	Dr. Vandana
Class with sem :	B.A. 1st year (I st sem)
Subject / Paper :-	Psychology

Week	Topics
22 Aug to 27 Aug	Introduction to Psychology as a science and its perspective, origin & development of Psychology.
29 Aug to 3 Sep	Historical Perspective of Psychology in India.
5 Sep to 10 Sep	Experimental and observation Methods.
12 Sep to 17 Sep	Sensory Processes :- Sensation, Meaning & characteristics
19 Sep to 24 Sep	Doubt clearing session.
26 Sep to 1 Oct	Perception :- Nature of Perception & laws of perceptual organization.
3 Oct to 8 Oct	Learning :- classical Conditioning, operant Conditioning, and observational learning.
10 Oct to 15 Oct	Memory Processes :- Information Processing Model.

Aceess

17 Oct to 21 Oct	Nature of & its Motives:- Biogenic & Sociogenic Motivation
21 Oct to 29 Oct	Diwali Vacation
31 Oct to 5 Nov	Nature and Important aspects of Emotions.
7 Nov to 12 Nov	Theories of Emotions:- James-Lange & Cannon-Bard Theory.
14 Nov to 19 Nov	Doubt-clearing session.
21 Nov to 26 Nov	Nature of Personality & its Theories in detail.
28 Nov to 3 Dec	Nature of Intelligence & its Theories Part-I
5 Dec to 10 Dec	Nature of Intelligence & its Theories Part-II
12 Dec to 17 Dec	Revision & Doubt clearing session

Lesson Plan from 18-Aug-2022 to 10-Dec-2022

UG - 2nd & 3rd Year

B.A. Final year (5th sem)

Lecturer :	Dr. Vandana
Class with sem :	B.A. Final year (5 th sem.)
Subject / Paper :-	Psychology

Week	Topics
18 Aug to 20 Aug	Introduction about Psychopathology and clarify the concept of Normality.
22 Aug to 27 Aug	Introduction about Abnormality and its features.
29 Aug to 3 Sep	Biological Model of Psychopathology.
5 Sep to 10 Sep	Doubt clearing Session.
12 Sep to 17 Sep	Psycho-dynamic, Behavioural and Cognitive model of Psychopathology.
19 Sep to 24 Sep	Classification of Psychopathology: Need for classification.
26 Sep to 1 Oct	DSM System.
3 Oct to 8 Oct	Introduction about Diagnostic Assessment: Case history.

Vandana

10 Oct to 15 Oct	Introduction about Diagnostic Assessment. Interview & projective techniques.
17 Oct to 21 Oct	Introduction about GAD (Generalized anxiety disorder)
21 Oct to 29 Oct	Diwali Vacation
31 Oct to 5 Nov	OCD & Phobic disorders: - Symptoms & Causes
7 Nov to 12 Nov	Doubt clearing session and causes of substances & drug abuse.
14 Nov to 19 Nov	consequences and rehabilitation of substances / drug abuse.
21 Nov to 26 Nov	Mood disorders - unipolar & Bipolar symptoms & its causes.
28 Nov to 3 Dec	Introduction & Types of Schizophrenia.
5 Dec to 10 Dec	causes of schizophrenia and Doubt clearing session

Devesh

Lesson Plan from 18-Aug-2022 to 10-Dec-2022

UG - 2nd & 3rd Year

B.A. IInd Year (IIIrd Sem)

Lecturer :	Nitigya Sharma ✓
Class with sem :	B.A. II nd Year [III rd Sem.]
Subject / Paper :-	Psychology

Week	Topics
18 Aug to 20 Aug	Basic Concepts! - Definition & Criteria of Abnormality.
22 Aug to 27 Aug	Classification! - Meaning, Purpose.
29 Aug to 3 Sep	DSM-IV (TR)! - Key Features, Diathesis Stress Model.
5 Sep to 10 Sep	Doubt Clearing Session & Approaches to Psychopathology :- Biological, Psycho- - Dynamic
12 Sep to 17 Sep	Behavioural, Cognitive & Cultural Approaches of Psychopathology
19 Sep to 24 Sep	Clinical States! - Anxiety Spectrum Dis! - Generalized Anxiety Disorder,
26 Sep to 1 Oct	Obsessive Compulsive Disorder & Doubt Clearing Session.
3 Oct to 8 Oct	Mood Disorders - Unipolar, Bipolar, Schizophrenia! - Disorganized.

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10 Oct to 15 Oct	Paranoid & Catatonic & Doubt Clearing Session
17 Oct to 21 Oct	Learning Disabilities - Dyscalculia, Dysgraphia & Dyslexia.
21 Oct to 29 Oct	Diwali Vacation
31 Oct to 5 Nov	Treatment of Disorders! - Biological Treatment! - Pharmacotherapy
7 Nov to 12 Nov	Electroconvulsive Therapy & Doubt Clearing Session.
14 Nov to 19 Nov	Psychological Treatment! - Psycho-Analytic Therapy.
21 Nov to 26 Nov	Behaviour Therapy
28 Nov to 3 Dec	Cognitive - Behaviour Therapy.
5 Dec to 10 Dec	Doubt Clearing Session.

Zoology 1st Sem.

Lesson Plan from 22-Aug-2022 to 17-Dec-2022

UG - 1st Year

Lecturer :	Ms. Neha, Ms. Sweety
Class with sem :	Bsc (I) (1st Sem.)
Subject / Paper :-	Zoology (Paper 101 & 102)

Week	Topics
22 Aug to 27 Aug	-
29 Aug to 3 Sep	Introduction to Invertebrates and animal kingdom
5 Sep to 10 Sep	Introduction to Phylum: Protozoa Type study of <u>Plasmodium Vivax</u> Parasitic Protozoans
12 Sep to 17 Sep	Introduction of Phylum: <u>Parifera</u> Type study of <u>Syllon</u> , classification and economic importance, unit test
19 Sep to 24 Sep	Introduction of Phylum: <u>coelenterate</u> Type study of <u>obelia</u> , classification and economic importance, unit test
26 Sep to 1 Oct	Introduction of Phylum: <u>Annelida</u> Type study of <u>Paraschola hepatica</u> , General characters and classification, economic importance
3 Oct to 8 Oct	Introduction to <u>Helminthes</u> General characters and classification Biodiversity & economic importance of <u>Helminthes</u>
10 Oct to 15 Oct	Parasitic <u>Helminthes</u> , Revision and unit test

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17 Oct to 21 Oct	Introduction to Phylum : Annelida General characters & classification, Type study of <u>Pheretima</u> , Metamerism in Annelida
21 Oct to 29 Oct	Diwali Vacation
31 Oct to 5 Nov	Trochophore larva: Affinities, evolutionary significance General characters & classification, Type study: <u>Periplaneta</u>
7 Nov to 12 Nov	^{Mollusca:} General characters & classification, Type Study: <u>Pila</u> , Torsion & detorsion in gastropoda
14 Nov to 19 Nov	General characters & classification of Phylum: Echinodermata, Type study: <u>Asterias</u> Echinoderm larvae
21 Nov to 26 Nov	General characters & classification of Phylum: Hemichordata, Type study: <u>Balanoglossus</u>
28 Nov to 3 Dec	Type study: <u>Balanoglossus</u> Unit test & Revision
5 Dec to 10 Dec	Revision of Type study of <u>Periplaneta</u> and <u>Pheretima</u> .
12 Dec to 17 Dec	Revision and unit test

Lesson Plan from 22-Aug-2022 to 17-Dec-2022
UG - 1st Year

Lecturer :	Ms. Sweety
Class with sem :	B.sc Ist (Sem. Ist)
Subject / Paper :-	Zoology (Paper - 103)

Week	Topics
22 Aug to 27 Aug	
29 Aug to 3 Sep	Introduction to Invertebrates
5 Sep to 10 Sep	Identification of specimens of Phylum Porifera
12 Sep to 17 Sep	Identification of specimens of Phylum coelenterata and Helminthes
19 Sep to 24 Sep	Identification of specimens of Phylum Annelida
26 Sep to 1 Oct	Identification of specimens of Phylum Arthropoda
3 Oct to 8 Oct	Identification of specimens of Phylum Mollusca, Echinodermata & Hemichordata
10 Oct to 15 Oct	Study of permanent slides of Phylum Protozoa

17 Oct to 21 Oct	Study of permanent stained preparations
21 Oct to 29 Oct	Diwali Vacation
31 Oct to 5 Nov	Study of Mouthparts of cockroach , Glochidium larva of <u>Anodonta</u> , radula of <u>Pila</u>
7 Nov to 12 Nov	Preparation of temporary mounting of <u>volvox</u> , <u>Paramecium</u> , Gemmules & Spicules of <u>Sycon</u>
14 Nov to 19 Nov	Preparation of permanent stained whole mounts of <u>Hydra</u> , <u>Obelia</u> , <u>Sertularia</u>
21 Nov to 26 Nov	Preparation of permanent stained whole mounts of <u>Plumularia</u> & <u>Bougainvillea</u>
28 Nov to 3 Dec	Study of different system of Earthworm & Grasshopper
5 Dec to 10 Dec	Revision and Test of specimens
12 Dec to 17 Dec	Revision and Test of slides

Sweety

Zoology III Sem.

Lesson Plan from 18-Aug-2022 to 10-Dec-2022

UG - 2nd & 3rd Year

Lecturer :	Ms. Neha
Class with sem :	B.Sc II (Sem. III)
Subject / Paper :-	Zoology Paper - 301 (Animal Physiology)

Week	Topics
18 Aug to 20 Aug	-
22 Aug to 27 Aug	-
29 Aug to 3 Sep	Introduction to Animal Physiology Physiology of digestion in alimentary canal, Absorption of carbohydrates, proteins and lipids
5 Sep to 10 Sep	Pulmonary Ventilation, Respiratory Volumes and Capacities, Transport of oxygen & CO ₂ in blood
12 Sep to 17 Sep	Composition of blood, Homeostasis, Structure of Heart, origin & conduction of Cardiac impulse
19 Sep to 24 Sep	Cardiac cycle, structure of nephron, Physiology of excretion, unit test
26 Sep to 1 Oct	Structure of a neuron, Resting Membrane potential, Graded potential, origin of action potential
3 Oct to 8 Oct	Propagation in myelinated and non-myelinated nerve fibres, ultra-structure of skeletal muscles, Unit test

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10 Oct to 15 Oct	Molecular & chemical basis of muscle contraction, Physiology of Male Reproduction, Spermatogenesis, Physiology of female Reproduction, Unit test
17 Oct to 21 Oct	Hormonal control of Menstrual cycle, Structure & function of pituitary, thyroid, parathyroid, Pancreas and Adrenal glands.
21 Oct to 29 Oct	Diwali Vacation
31 Oct to 5 Nov	Carbohydrates & their metabolism, Structure and importance of Monosaccharides, disaccharides, oligosaccharides and Polysaccharides, unit test
7 Nov to 12 Nov	Glycolysis, krebs cycle, electron transport chain, Lipids and their metabolism, Unit test
14 Nov to 19 Nov	Structure and biological importance of Fatty acids, biosynthesis and β -oxidation of palmitic acid
21 Nov to 26 Nov	Introduction, classification, functions of proteins, Nomenclature, classification and mechanism of enzymes, transport through bio-membranes, Buffers
28 Nov to 3 Dec	Nucleic acids, Structure, functions and types of DNA, RNA & their components, central dogma
5 Dec to 10 Dec	Revision & Test

Neha

Lesson Plan from 18-Aug-2022 to 10-Dec-2022
UG - 2nd & 3rd Year

Lecturer :	Mrs. Nirmal Malik
Class with sem :	B.Sc II (Sem. III)
Subject / Paper :-	Zoology (Paper - 303)

Week	Topics
18 Aug to 20 Aug	Introduction to Animal physiology and Biochemistry
22 Aug to 27 Aug	Preparation of Heme crystals Preparation of Hemochromogen crystals
29 Aug to 3 Sep	Study of permanent histological sections of Mammalian pituitary and thyroid gland
5 Sep to 10 Sep	Study of permanent histological sections of Mammalian Pancreas and adrenal gland
12 Sep to 17 Sep	Study of permanent slides of duodenum, liver and kidney
19 Sep to 24 Sep	Study of permanent slides of spinal cord, lung, bone and cartilage
26 Sep to 1 Oct	Qualitative test to identify functional groups of Carbohydrates in Glucose & Fructose
3 Oct to 8 Oct	Qualitative test to identify functional groups of Sucrose & lactose

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10 Oct to 15 Oct	Revision and Test of Permanent slides
17 Oct to 21 Oct	Revision and Test of Histological sections
21 Oct to 29 Oct	Diwali Vacation
31 Oct to 5 Nov	Estimation of total protein in given solution by Lowry's Method
7 Nov to 12 Nov	Study of activity of salivary amylase under optimum conditions
14 Nov to 19 Nov	Paper chromatography of amino acids
21 Nov to 26 Nov	Study of Permanent slides of liver, lung, kidney, duodenum, bone, cartilage
28 Nov to 3 Dec	Study of Histological section of pituitary, thyroid, pancreas and adrenal gland
5 Dec to 10 Dec	Revision and Test

Lesson Plan from 18-Aug-2022 to 10-Dec-2022

UG - 2nd & 3rd Year

Zoology Vth Sem.

Lecturer :	Mrs. Nirmal Malik
Class with sem :	B.Sc III rd Yr, V th Sem.
Subject / Paper :-	Fish & Fisheries, Ecology & Evolution.

Week	Topics
18 Aug to 20 Aug	Introduction to world fisheries:- Production, Utilization & Demand.
22 Aug to 27 Aug	Fresh water fisheries of India: I) River systems II) Reservoir fisheries III) Pond & Tank fisheries
29 Aug to 3 Sep	capative & culture fisheries cold water fisheries. Unit Test.
5 Sep to 10 Sep	Fishing crafts & Gears. Various types of Nets.
12 Sep to 17 Sep	Fin fishes, Prawn culture Pearl culture.
19 Sep to 24 Sep	Fish seed production: I) Natural seed resources II) Sources of food < Natural Artificial
26 Sep to 1 Oct	Feed Composition. (Calories & Chemical ingredients) Unit Test.
3 Oct to 8 Oct	Various Types of Ponds. Techniques of pisciculture; Polyculture cage culture

10 Oct to 15 Oct	Biotechnology, Gene manipulation & cryopreservation of Gametes Unit Test.
17 Oct to 21 Oct	Paper II Basic concepts of Ecology Factors affecting environment.
21 Oct to 29 Oct	Diwali Vacation
31 Oct to 5 Nov	Ecosystem: Concept, Components, Types, properties, Ecological Energetics, Food chain, food web, Trophic levels, Ecological Pyramids, Concept of Prod.
7 Nov to 12 Nov	Biogeochemical cycles $\left\{ \begin{array}{l} \text{gaseous} \\ \text{Sedimentary} \end{array} \right.$ Population: Growth & regulation.
14 Nov to 19 Nov	Concept & Evidences of organic evolution. Theories of organic evolution.
21 Nov to 26 Nov	Concept of Microevolution & Concept of Species. Concept of Macro & Mega evolution.
28 Nov to 3 Dec	Phylogeny of Horse Evolution of Man.
5 Dec to 10 Dec	Revision.

A. Mahin
17/9/22

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Lesson Plan from 18-Aug-2022 to 10-Dec-2022
UG - 2nd & 3rd Year

Lecturer :	Ms. Neha , Mrs. Nirmal Malik.
Class with sem :	B.Sc IIIrd Yr (Vth Sem)
Subject / Paper :-	Zoology , Practical Paper.

Week	Topics
18 Aug to 20 Aug	Identification of fishes: Catla - catla, Labeo rohita, d. Calbasu, Cirrhina mrigala, Puntius sarana, Trichogaster fasciata.
22 Aug to 27 Aug	Mystus Seenghala, M. cavasius, M. tengra, Wallago attu identification.
29 Aug to 3 Sep	Identification of: Prawns, Crabs, Lobsters, Calms, mussels & oysters.
5 Sep to 10 Sep	Study of fish parasites slides.
12 Sep to 17 Sep	Study of Diff. types of Nets.
19 Sep to 24 Sep	Chemical Analysis of pond water for pH & Chlorides.
26 Sep to 1 Oct	Chemical analysis of pond water for phosphates & Nitrates in it.
3 Oct to 8 Oct	Chemical analysis of soil for i) pH ii) Chlorides.

10 Oct to 15 Oct	Chemical analysis of soil for i) Phosphates ii) Nitrates.
17 Oct to 21 Oct	A visit to a fish breeding centre.
21 Oct to 29 Oct	Diwali Vacation
31 Oct to 5 Nov	Adaptive modifications in feet & beaks of birds.
7 Nov to 12 Nov	Evolutionary evidences of Man & Horse.
14 Nov to 19 Nov	Project Report on i) Pearl culture ii) Prawn culture
21 Nov to 26 Nov	Revision
28 Nov to 3 Dec	Revision
5 Dec to 10 Dec	Revision & Test.

A. Malvi
17/11/22

A. Malvi
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