

GDC Memorial College, Bahal (Bhiwani)

NAAC Accredited Grade "B" (Second Cycle) and Recognized under
Affiliated to Ch. Bansi Lal University, Bhiwani

Lesson Plan- Jan-April, 2026

Name - Dr. Poonam Kumari

Department - Botany

Class - B.Sc.(Life Sciences)

Subject - Cell Biology & Genetics

Semester - 2nd

Subject Code- 24UN-BOT-201

Week-1	UNIT-I
28-Jan-26	Structure and Function of Cell Wall
29-Jan-26	Do
30-Jan-26	Plasma Membrane
31-Jan-26	Do
Week-2	
4-Feb-26	Golgi Apparatus
5-Feb-26	Endoplasmic Reticulum
6-Feb-26	Lysosome
Week-3	
11-Feb-26	Peroxisome and Vacuoles
12-Feb-26	Chloroplast
13-Feb-26	Mitochondria
14-Feb-26	Nucleus and Nucleolus
Week-4	UNIT-II
18-Feb-26	Mitosis
19-Feb-26	Do
20-Feb-26	Meiosis
Week-5	
25-Feb-26	Do
26-Feb-26	Chromosomes
27-Feb-26	Abberation
28-Feb-26	Sex Determination
Week-6	UNIT-III
5-Mar-26	Mendelism
6-Mar-26	Do
Week-7	
11-Mar-26	Do
12-Mar-26	Linkage and Crossing over
13-Mar-26	Gene Interaction
14-Mar-26	Do
Week-8	
18-Mar-26	Test
19-Mar-26	Gene Interaction
20-Mar-26	Do
Week-9	UNIT-IV

25-Mar-26	Mitochondrial and Plastid DNA
26-Mar-26	Do
27-Mar-26	Plasmid
28-Mar-26	Do
Week-10	
1-Apr-26	Genetic Variations
2-Apr-26	Do
3-Apr-26	Do
Week-11	
8-Apr-26	Mutations
9-Apr-26	Do
10-Apr-26	Mutagens
11-Apr-26	Do
Week-12	
15-Apr-26	Physical And Chemical Analog
16-Apr-26	Do
17-Apr-26	Do
18-Apr-26	
Week-13	
22-Apr-26	Frame Shifting Mutations
23-Apr-26	Do
24-Apr-26	Do
25-Apr-26	Test
Week-14	
26-Apr-26	Revision
27-Apr-26	Do

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Lesson Plan- Jan-April, 2026

Name - Ms. Anuradha

Department - Zoology

Class - B.Sc. Life Sciences

Subject - Animal Diversity of Chordates

Semester - 2nd

Subject Code- 20UZOO201

Week-1	UNIT-I
27-Jan-26	Chordates: Salient features of chordates
29-Jan-26	Principals of classification
30-Jan-26	Do
Week-2	
2-Feb-26	Protochordates
3-Feb-26	Urochordata: Systemic Position, Distribution, Ecology, Morphology and Affinities
5-Feb-26	Do
6-Feb-26	Do
Week-3	
9-Feb-26	Urochordata: Type study of Herdmania
10-Feb-26	Do
12-Feb-26	Do
13-Feb-26	Test
Week-4	UNIT-II
16-Feb-26	Pisces: General characters
17-Feb-26	Do
19-Feb-26	Classification upto class level
20-Feb-26	Do
Week-5	
23-Feb-26	Biodiversity of Pisces
24-Feb-26	Do
26-Feb-26	Scales and Fins
27-Feb-26	Do
Week-6	
2-Mar-26	Type study of Labeo
5-Feb-26	Do
6-Feb-26	Do
Week-7	UNIT-III
9-Mar-26	Amphibia: General characters
10-Mar-26	Do
12-Mar-26	Classification upto class level
13-Feb-26	Do
Week-8	
16-Mar-26	Parental care in Amphibian
17-Mar-26	Do

19-Mar-26	Neoteny in Amphibian
20-Feb-26	Do
Week-9	
23-Mar-26	Reptilia:General Characters
24-Mar-26	Do
26-Mar-26	Classification upto class level
27-Feb-26	Do
Week-10	UNIT-IV
30-Mar-26	Aves:General Characters
31-Mar-26	Do
2-Apr-26	Classification upto class level
3-Feb-26	Do
Week-11	
6-Apr-26	Flight/Aerial Adaptations in Birds
7-Apr-26	Do
9-Apr-26	Archaeopteryx as missing link
10-Feb-26	Do
Week-12	
13-Apr-26	Mammals:General Characters
14-Apr-26	Do
16-Apr-26	Classification upto class level
17-Feb-26	Do
Week-13	
20-Apr-26	Type study of Rat
21-Apr-26	Do
23-Apr-26	Do
24-Feb-26	Do
Week-14	
27-Apr-26	Test
28-Apr-26	Revision
30-Apr-26	Revision

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Bahal (Bhiwani) - 127028

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Lesson Plan- January to April 2026

Name - Dr. SUMAN DEVI

Department - Chemistry

Class - B.Sc. Life Sciences

Subject - Chemistry-II

Semester - 2nd

Subject Code - 24UN-CHE-201

Week-1

UNIT-1

27-Jan-26 MOT of homonuclear (N₂, O₂) and heteronuclear (CO and NO) diatomic molecules

28-Jan-26 Dipole moment and percentage ionic character in covalent bond.

30-Jan-26 Ionic structures NaCl, CsCl, ZnS, CaF₂, Shapes of molecules & ions based on VSEPR theory

Week-2

2-Feb-26 size effects, radius ratio rule & its limitations, Covalent Bond-Valence bond theory approach

3-Feb-26 Lattice energy, Born- Haber cycle, Hybridization-linear, trigonal planar, square planar,

4-Feb-26 tetrahedral, trigonal bipyramidal and octahedral arrangements

6-Feb-26 Solvation energy & its relationship with solubility of Ionic solid,

Week-3

9-Feb-26 Polarizing power & Polarisability of ions, Fajan's rule

10-Feb-26 **Unit-2** - Reaction rates, rate equation, Factors influencing the rate of reaction

11-Feb-26 Order & molecularity of a reaction, integrated rate expression for zero, first,

13-Feb-26 Unit Test

Week-4

16-Feb-26 Half-life period of a reaction, Arrhenius equation

17-Feb-26 Distribution Law-Nernst distribution law – its thermodynamic derivation,

18-Feb-26 Nernst distribution law after association and

20-Feb-26 dissociation of solute in one of the phases of distribution law

Week-5

23-Feb-26 (i) Determination of degree of hydrolysis and hydrolysis constant of aniline hydrochloride

24-Feb-26 **UNIT-3**-Alkanes and Cycloalkanes

25-Feb-26 Nomenclature, classification of carbon atoms in alkanes and its structure

27-Feb-26 Isomerism in alkanes, sources.

Week-6

2-Mar-26 Methods of formation: Wurtz reaction, Kolbe reaction

6-Mar-26 Kolbe reaction, Corey- House reaction and decarboxylation of carboxylic acids

Week-7

9-Mar-26 Unit test

10-Mar-26	Physical properties. Mechanism of free radical halogenation of alkanes: reactivity & selectivity
11-Mar-26	Do
13-Mar-26	Nomenclature of Cycloalkanes, Baeyer' s strain theory& its limitations,
Week-8	
16-Mar-26	theory of strainless rings
17-Mar-26	Alkenes-Nomenclature of alkenes and its structure
18-Mar-26	Do
20-Mar-26	Methods of formation: dehydration of alcohols, dehydrohalogenation of alkyl halide
Week-9	
23-Mar-26	Do
24-Mar-26	Hofmann elimination and their mechanism
25-Mar-26	The Saytzeff rule and relative stabilities of alkenes
27-Mar-26	Chemical reactions: electrophilic and free radical additions
Week-10	
30-Mar-26	Addition of halogens, halogen acids, hydroboration–oxidation
31-Mar-26	oxymercuration-reduction, ozonolysis and hydration.
1-Apr-26	do
3-Apr-26	Markownikoff' s rule of addition.
Week-11	
6-Apr-26	Unit Test
7-Apr-26	UNIT-4-Hydrogen Bonding – Definition, types,
8-Apr-26	Effects of hydrogen bonding on properties of substances, application
10-Apr-26	Do
Week-12	
13-Apr-26	Brief discussion on various types of van der Waals forces
14-Apr-26	Metallic bond and semiconductors-Metallic Bond-Qualitative idea of valence bond,
15-Apr-26	band theories of metallic bond (conductors, semiconductors, insulators)
17-Apr-26	Do
Week-13	
20-Apr-26	Semiconductors-introduction, types and application
21-Apr-26	Do
22-Apr-26	Revision
24-Apr-26	Revision
Week-14	
27-Apr-26	Unit test
28-Apr-26	Problem discussion
29-Apr-26	Revision

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Lesson Plan- Jan- April, 2025

Name - Dr. Poonam Kumari Department - Botany	
Class - B.Sc. & B.Com Subject - Environmental Studies	
Semester - 2nd Subject Code - 24UNBOT-VAC-101	
Week-1	UNIT-1
27-Jan-26	Environmental Studies
31-Jan-26	Scope And Importance
Week-2	
2-Feb-26	Sustainable Development
3-Feb-26	Do
Week-3	
9-Feb-26	Ecosystem
10-Feb-26	Energy Flow in Ecosystem
14-Feb-26	Do
Week-4	
16-Feb-26	Food Chain
17-Feb-26	Food Web
Week-5	
23-Feb-26	Forest Ecosystem
24-Feb-26	Grassland Ecosystem
28-Feb-26	Desert Ecosystem
Week-6	
2-Mar-26	Aquatic System
Week-7	UNIT-2
9-Mar-26	Land Resources
10-Mar-26	Forest Resources
14-Mar-26	Do
Week-8	
16-Mar-26	Water Resources
17-Mar-26	Energy Resources
Week-9	
23-Mar-26	Biodiversity
24-Mar-26	Threats to Biodiversity
28-Mar-26	Conservation
Week-10	UNIT-3
30-Mar-26	Environmental pollution
31-Mar-26	Air Pollution
Week-11	
6-Apr-26	Water Pollution
7-Apr-26	Soil Pollution

11-Apr-26	Noise Pollution
Week-12	UNIT-4
13-Apr-26	Global Warming
14-Apr-26	Ozone Layer Depletion
Week-13	
20-Apr-26	Human Population Growth
21-Apr-26	Human Health And Welfare
25-Apr-26	Resettlement and Rehabilitation
Week-14	
27-Apr-26	Disaster Management
28-Apr-26	Floods, Earthquakes, Cyclones

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Bahal (Bhiwani) - 127028

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Lesson Plan- January to April 2026

Name - Prince Department - Commerce

Class - B.com Subject- Company Law

Sem - 2nd Subject Code -24-UN-COM-202

Week-1	UNIT-1
27-01-26	Company: Concept
28-01-26	Do
31-01-26	characteristics types
Week-2	
2-Feb-26	Conversion of private company into public company & vice versa
3-Feb-26	Do
4-Feb-26	Incorporation of a company
Week-3	
9-Feb-26	Legal position of promoters
10-Feb-26	Do
11-Feb-26	Pre-incorporation contracts
14-Feb-26	Unit test
Week-4	UNIT-2
16-Feb-26	Memorandum of Association
17-Feb-26	Do
18-Feb-26	Clauses and alteration procedure
Week-5	
23-Feb-26	Doctrine of ultra vires
24-Feb-26	Do
25-Feb-26	Articles of Association: Clauses and alteration
28-Feb-26	Elements, and Critical Assessment
Week-6	
6-Mar-26	Doctrine of indoor management
Week-7	
11-Mar-26	Doctrine of constructive notice
13-Mar-26	Do
14-Mar-26	Prospectus: Concept, types, contents
Week-8	
18-Mar-26	formalities of red herring & shelf prospectus
19-Mar-26	mis-statement and remedies
Week-9	
20-Mar-26	liabilities for misstatements in prospectus
21-Mar-26	Do

22-Mar-26	Do
25-Mar-26	Unit test
Week-12	UNIT-3
6-Apr-26	Share capital: Types, issue and allotment of shares
9-Apr-26	Do
11-Apr-26	Reduction of share capital
Week-14	
13-Apr-26	Board of Directors: Composition, legal position
16-Apr-26	Do
Week-15	
20-Apr-26	qualification, appointment, powers, duties & liabilities
23-Apr-26	removal of directors
25-Apr-26	Do
Week-11	Do
27-Apr-26	Company secretary: Role, appointment
30-Apr-26	duties, liabilities, rights and removal
2-Apr-25	Do
3-Apr-25	Unit test
Week-15	UNIT-4
7-Apr-25	Dividend: Types, factors affecting dividend decisions
9-Apr-25	Do
10-Apr-25	legal provisions, dividend practices prevalent in India
Week-16	
14-Apr-25	Winding up of a company
16-Apr-25	Do
17-Apr-25	Do
Week-17	
21-Apr-25	Reasons, modes, procedure and implications
24-Apr-25	Do
Week-18	
28-Apr-25	Do
30-Apr-25	Unit Test
	Signature of Faculty

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Lesson Plan- January to April 2026

Name - Ms. Jyoti Sharma

Department - Physical Science

Class - B.Sc.

Subject - Office and Spreadsheet Tools Learning

Semester - II

Code - 25-UN-ICT-SEC203

Week-1	UNIT-1
27-Jan-26	Introduction of Operating system,Defination
Week-2	
3-Feb-26	Function of OS
4-Feb-26	Types of operating System
5-Feb-26	Basics of popular operating system
6-Feb-26	Do
Week-3	
10-Feb-26	The user interface
11-Feb-26	Exploring Computer,Icon,taskbar
12-Feb-26	Desktop,Using Menu and Menu Selection
13-Feb-26	Managing file and folder
Week-4	
17-Feb-26	Control Panel Display properties
18-Feb-26	Add and remove hardware and software
19-Feb-26	DO
20-Feb-26	DO
Week-5	
24-Feb-26	Common Utilities
25-Feb-26	Practical work of unit-1
26-Feb-26	Practical work of unit-2
27-Feb-26	Practical work of unit-3
Week-6	UNIT-2
3-Mar-26	Word processing-introduction to word processing
4-Mar-26	Menus,creating editing and formating documents
5-Mar-26	DO
6-Mar-26	DO
Week-7	
10-Mar-26	Spell checking,Printing
11-Mar-26	Views,Tables word art ,Mail merge Macros ,inserting hyperlink
12-Mar-26	DO
13-Mar-26	DO
Week-8	
17-Mar-26	Searching of text,modifying page setup

18-Mar-26	Applying document themes
19-Mar-26	Applying document style sets, inserting header and footer
20-Mar-26	DO
Week-9	
23-Mar-26	Practical assignment
25-Mar-26	Practical assignment
26-Mar-26	Practical assignment
27-Mar-26	Practical assignment
Week-10	UNIT-3
31-Mar-26	Spread sheet:Elements of electronics spread sheet
1-Apr-26	Application creating and opening spread sheet,menus
2-Apr-26	Manupualtion of Cells:Enter text number and dates
3-Apr-26	Cell hight and widths
Week-11	
7-Apr-26	Coping of cells
8-Apr-26	Mathematical,statistical and financial function
9-Apr-26	Drawing different types of chart
10-Apr-26	Sort and filter Data
Week-12	UNIT-4
14-Apr-26	Presentation software
15-Apr-26	Creating,modifying and enhancing a presentaion
16-Apr-26	types of presentation view,using sound
17-Apr-26	DO
Week-14	
21-Apr-26	Animation
22-Apr-26	Working with object
23-Apr-26	Printing
24-Apr-26	Do
Week-15	
28-Apr-26	Presention assingment
29-Apr-26	Presention assingment
30-Apr-26	Presention assingment

Signature of Faculty

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Lesson Plan- January to April 2026

Name - Dr. Punita		Department - English	
Class - B.Sc. Physical Science		Subject - Business Communication	
Semester - 2nd		Subject Code - 24UN-ENG-AEC201	
Week-1		UNIT-1	
30-Jan-26	Introduction of Syllabus		
31-Jan-26	Business Communication: Meaning		
Week-2			
3-Feb-26	Cross Cultural Communication		
6-Feb-26	Developing Effective Listening Skills		
Week-3			
10-Feb-26	Developing Effective Speaking Skills		
13-Feb-26	Speaking Skills: Functions and Activities of PR- Meeting in Office		
14-Feb-26	Speaking Skills: Functions and Activities of PR- Meeting in Office		
Week-4			
17-Feb-26	Talk- Domain-Specific		
20-Feb-26	Talk- Domain-Specific		
Week-5			
24-Feb-26	Job Interview		
27-Feb-26	Business Interview		
28-Feb-26	Promotion Interview		
Week-6			
6-Mar-26	Presentation Skills, Oral and PPT Presentation		
Week-7			
10-Mar-26	Group Discussion		
13-Mar-26	Motivational Talks		
14-Mar-26	Telephonic Skills		
Week-8			
17-Mar-26	Persuasion Skills		
20-Mar-26	Test of Unit 1		
Week-9		Unit - 2	
24-Mar-26	Writing Skills		
27-Mar-26	Writing Skills: Designing Advertisement/Invitation/Poster Designing		
28-Mar-26	Writing Skills: Designing Advertisement/Invitation/Poster Designing		
Week-10			
31-Mar-26	Poster Designing- Canvas/ MS Word/ Coral		
3-Apr-26	Poster Designing- Canvas/ MS Word/ Coral		
Week-11			
7-Apr-26	Business Letters		
10-Apr-26	Job Application Letters		
11-Apr-26	Email, Blog Writing		
Week-12			
14-Apr-26	Report Writing and Its Types		
17-Apr-26	Job-Oriented Skills- CV		
Week-13			
21-Apr-26	Making Online Academic/Work profile- LinkedIn		
24-Apr-26	Memo and Office order		
25-Apr-26	Minutes of Meeting		
Week-14			
28-Apr-26	Test of Unit 2		