

LESSON PLAN

Session: 2024-2025

Class: B.A.B.Ed 1st sem

Paper: Foundation of Political Theory

Paper Code:101

Name of the Faculty: Dr.Renu Bala

Month	Week	Topics to be covered
July	22.07.24-24.07.24	Unit 1: <ul style="list-style-type: none">• Political Theory: Meaning ,Nature
	29.07.24-30.07.24	<ul style="list-style-type: none">• Political Theory: Scope
August	5.08.24-07.08.24	<ul style="list-style-type: none">• Its Normative Perspectives
	12.08.24-17.08.24	<ul style="list-style-type: none">• It Empirical Perspectives
	20.08.24-24.08.24	<ul style="list-style-type: none">• Behaviouralism Theory
	27.08.24-31.08.24	<ul style="list-style-type: none">• Post Behaviouralism Theory
September	02.09.24-07.09.24	Unit 2: <ul style="list-style-type: none">• State: Meaning and its Elements
	09.09.24-14.09.24	<ul style="list-style-type: none">• Theory of Origin of the State
	17.09.24-21.09.24	<ul style="list-style-type: none">• Social Contract
	23.09.24-30.09.24	<ul style="list-style-type: none">• Evolutionary Sovereignty
October	01.10.24-05.10.24	Unit 3; <ul style="list-style-type: none">• Concept :Power (Laswell)
	07.10.24-11.10.24	<ul style="list-style-type: none">• Authority (Max Weber)
	14.10.24-19.10.24	<ul style="list-style-type: none">• Legitimacy
	21.10.24-26.10.24	<ul style="list-style-type: none">• Political System (Easton)
	27.10.24-03.11.24	<ul style="list-style-type: none">• DIWALI HOLIDAY
November	04.11.24-09.11.24	Unit 4: <ul style="list-style-type: none">• Forms of Government: Democracy and Dictatorship
	11.11.24-16.11.24	<ul style="list-style-type: none">• Political Development (Lucian Pay)
	18.11.24-23.11.24	<ul style="list-style-type: none">• Parliamentary
	25.11.24-30.11.24	<ul style="list-style-type: none">• Presidential and Unitary• Federal system
December	02.12.24-14.12.24	<ul style="list-style-type: none">• Revision and tests
	16.12.24-31.12.24	<ul style="list-style-type: none">• FINAL EXAM

LESSON PLAN

Session: 2024-25

Class: B.A. B.Ed./B.Sc. B.Ed. 1st Sem

Paper: language skills (English)-I

Paper Code: AEC1(I)

Name of the Faculty: Ms. Riddhima Babbar

Month	Week	Topics to be covered
July	22.07.24-26.07.24	Unit 1: <ul style="list-style-type: none">Tenses: Simple Present: Habitual action, General truths, Future time
	27.07.24-31.07.24	<ul style="list-style-type: none">Verbs of state, Verbs of perception, Verbs of sensation, Narration
August	1.08.24-05.08.24	<ul style="list-style-type: none">Use of simple present for demonstration and commentaries, Present perfect
	06.08.24-12.08.24	<ul style="list-style-type: none">present perfect continuous, Present continuous also indicative of future action
	13.08.24-17.08.24	<ul style="list-style-type: none">Past continuous, Past perfect, past Perfect continuous
	20.08.24-24.08.24	<ul style="list-style-type: none">Simple past: Past time reference, Present time reference, Future time reference
	27.08.24-31.09.24	Unit 2: <ul style="list-style-type: none">Negotiating a point of view – learning to talk persuasively so as to get across one’s perspective
September	02.09.24-07.09.24	<ul style="list-style-type: none">Debating on an issue – agreeing / disagreeing
	09.09.24-14.09.24	Unit 3: <ul style="list-style-type: none">Note making

	16.09.24-21.09.24	<ul style="list-style-type: none"> Note- taking
	24.09.24-30.09.24	<ul style="list-style-type: none"> Summary writing
October	01.10.24-05.10.24	<ul style="list-style-type: none"> Comprehension Skills
	07.10.24-12.10.24	<ul style="list-style-type: none"> Extracts from literary
	14.10.24-19.10.24	<ul style="list-style-type: none"> What is Journals
	21.10.24-25.10.24	<ul style="list-style-type: none"> scientific and educational journals
	25.10.24-26.10.24	<ul style="list-style-type: none"> scientific and educational journals
November	27.10.24-03.11.24	Diwali vacation
	04.11.24-11.11.24	Unit 4: Advanced Writing Skills
	11.11.24-16.11.24	<ul style="list-style-type: none"> writing advertisement
	18.11.24-30.11.24	<ul style="list-style-type: none"> Writing a project proposal and Writing Resume, sending an application.
	20.11.24-25.11.24	<ul style="list-style-type: none"> Listening effectively; Talking about one self (likes, dislikes, interests, beliefs, personality traits, ambitions); Expressing an opinion about personal belief on a current issue. (Ability to speak fluently for 3-4 minutes. Focus would be on organized, logical, sequential presentation of thought through spontaneous speech)
December	02.12.24-15.12.24	<ul style="list-style-type: none"> Revision and Test.
	16.12.24 onwards	<ul style="list-style-type: none"> Final Examination

Lesson Plan

Session 2024-25

Class: B.Sc. B.Ed. 1st Sem

Paper: Mathematics: Advanced Calculus

Paper Code: Core Course 3(I)

Name of the Faculty: Mrs. Mitu Nagpal

Month	Week	Topics
July	22.07.24-27.07.24	Unit-1 <ul style="list-style-type: none">• Tangent And Normal
	29.07.24- 31.07.24	<ul style="list-style-type: none">• Sub Tangent And Subnormal (Cartesian And Polar Forms)
August	1.08.24- 3.08.24	<ul style="list-style-type: none">• Derivative of an Arc, Pedal Equations
	5.08.24-10.08.24	<ul style="list-style-type: none">• Curvature
	12.08.24- 17.08.24	<ul style="list-style-type: none">• Asymptotes, Multiple Points
	19.08.24-24.08.24	<ul style="list-style-type: none">• Curve Tracing Function of Several Variables
	26.08.24-31.08.24	<ul style="list-style-type: none">• Envelops And Evaluates and Revision of unit
September	02.09.24-07.09.24	Unit-2 <ul style="list-style-type: none">• Function of Several Variables
	09.09.24-14.09.24	<ul style="list-style-type: none">• Partial Differentiation With Euler's Theorem And It's Applications, Total Derivatives
	16.09.24-21.09.24	<ul style="list-style-type: none">• Change of Variables, Concept of Tangent Plane And Normal to a Surface
	23.09.24- 30.09.24	<ul style="list-style-type: none">• Maxima And Minima of Two Variables and Revision of unit
October	01.10.24- 05.10.24	Unit 3: Applications of Definite Integral: Area Between Two Curves
	14.10.24- 19.10.24	<ul style="list-style-type: none">• Coordinates, Graphs of Polar Coordinates, Area Between Two Curves, Length of a Curve

	21.10.24- 26.10.24	<ul style="list-style-type: none"> • Surface Area, Area of Surface of Revolution, Method of Lagrange Multipliers
	28.10.24-03.11.24	Diwali Vacations
November	04.11.24- 09.11.24	<ul style="list-style-type: none"> • Double Integral, Volumes and Areas, Change of Variable in a Double Integral, Special Case: Polar Coordinates
	11.11.24-16.11.24	<ul style="list-style-type: none"> • Triple Integral Triple Integral and Revision of Unit
	18.11.24- 23.11.24	Unit 4: <ul style="list-style-type: none"> • Continuity And Differentiability of Vector Functions, Unit Tangent Vector, Vector Fields
	25.11.24-30.11.24	<ul style="list-style-type: none"> • Directional Derivatives, Gradient, Divergence And Curl of a Vector Field
		<ul style="list-style-type: none"> • Line Integrals, Surface Integrals
December	02.12.24-07.12.24	<ul style="list-style-type: none"> • Green's Theorem, Gauss Divergence Theorem
	09.12.24-14.12.24	<ul style="list-style-type: none"> • Stokes Theorem and Revision
	16.12.24-31.12.24	Examination

Less on Plan

Session: 2024-2025

Class: B.A. B.Ed. 1st Sem

Paper: Work Education (Agriculture Practice)-I

Paper Code: WEAP 101

Name of the Faculty: Mrs. Mitu Nagpal

Month	Week	Topics to be covered
July	22.07.24-27.07.24	Unit-1 Agriculture <ul style="list-style-type: none">• Meaning, Definition, Scope
	29.07.24- 31.07.24	<ul style="list-style-type: none">• History of Agriculture
August	1.08.24- 3.08.24	<ul style="list-style-type: none">• Branches of Agriculture
	5.08.24-10.08.24	<ul style="list-style-type: none">• Objectives of Agriculture
	12.08.24- 17.08.24	<ul style="list-style-type: none">• Revision of Unit
	19.08.24-24.08.24	Unit-2 Soil Science <ul style="list-style-type: none">• Definition of Pedology
	26.08.24-31.08.24	<ul style="list-style-type: none">• Soil Management , Soil Erosion
September	02.09.24-07.09.24	<ul style="list-style-type: none">• Soil Conservation
	09.09.24-14.09.24	<ul style="list-style-type: none">• Practices Structure of Soil
	16.09.24-21.09.24	<ul style="list-style-type: none">• Soil Profile; Soil Fertility And Productivity
	23.09.24- 30.09.24	<ul style="list-style-type: none">• Essential Plant Nutrients
October	01.10.24- 05.10.24	<ul style="list-style-type: none">• Fertilizers And Manures Including Bio fertilizers. Identification of Manures And Fertilizers
	07.10.24-12.10.24	<ul style="list-style-type: none">• Revision of Unit
	14.10.24- 19.10.24	Unit 3: Irrigation <ul style="list-style-type: none">• Definition
	21.10.24- 26.10.24	<ul style="list-style-type: none">• Method of Irrigation

	28.10.24-03.11.24	Diwali Vacations
November	04.11.24- 09.11.24	Horticulture <ul style="list-style-type: none"> • Definition, Branches of Horticulture
	11.11.24-16.11.24	<ul style="list-style-type: none"> • Layout of Orchards, Propagation by Seeds And by Vegetative Means
	18.11.24- 23.11.24	<ul style="list-style-type: none"> • Pot Filling Technique; Planning, Planting And Maintaining Lawn; Practice Related to Landscaping
	25.11.24-30.11.24	Unit 4: Agricultural Practices: <ul style="list-style-type: none"> • Preparation of Land
December	02.12.24-07.12.24	<ul style="list-style-type: none"> • Hoeing And Weeding, Harvesting of Crop
	09.12.24-14.12.24	<ul style="list-style-type: none"> • Identification of Important Agricultural Tools, Trees And Crop Plants. Minor Project Preparation on Agriculture
	16.12.24-31.12.24	Examination

LESSON PLAN

Session: 2024-25

Class: B.A. B.Ed. 1st Sem

Paper: Basics in Education

Name of the faculty: Ms. Sheetal Verma

Month	Week	Topics to be covered
July	26.07.24- 27.07.24	Meaning, Nature, Purpose and Importance of Education: Education as a purpose of development (individual, social and harmonious)
	28.07.24-29.07.24	Education as an intentional (intellectual and self-critical) and unintentional. Agencies of education: Family, Society and Institute.
August	01.08.2024-06.08.2024	Processes and Modes of Education: Education is a natural and social process. Education as an ability to question and imagine alternatives. Education in schools and its linkage with outside school experience.
	07.08.24-12.08.24	Concept, Meaning and Nature of Knowledge and Knowing. Differentiate between information, knowledge, belief and truth
	14.08.24-19.08.24	Knowing Process: Different ways of knowing, Knowledge construction, Process of Construction of Knowledge
	21.08.24-26.08.24	Relative roles of knower and known in knowledge transmission and construction, Limitations of knowing, role of culture in knowing.
	28.08.24-02.09.24	Facets of knowledge: Different facets of knowledge and relationship, such as: local and universal, concrete and abstract, theoretical and practical, contextual and textual, school and out of school with an emphasis on understanding special attributes of school knowledge
September	04.09.24-09.09.24	Reflection on knowledge in the form of curriculum, syllabus and textbooks.

	11.09.24-16.09.24	Autonomy of teacher- why, what and to what extent. Difference between autonomy and freedom.
	18.09.24-23.09.24	Relationship between autonomy and accountability. Hindering factors that affect teacher's autonomy
	25.09.24-30.09.24	Autonomy of learner- why, what and to what extent, Restrains on learners in schools. Learning without burden, Joyful, collaborative and cooperative learning.
October	01.10.24-07.09.24	Concept and nature of values – Relative and absolute, Education with reference to human rights and values
	09.10.24-14.10.24	Values prevalent in Indian constitution and society.
	16.10.24-21.10.24	Education is a normative endeavor
	23.10.24-26.10.24	Process of value formation in schools and out of school and its impact on learners value perspective
	27.10.2024-03.11.2024	Diwali Vacations Role of education in transmission of value in education.
November	06.11.23-09.11.23	School system to nurture a culture of peace
	17.11.23-18.11.23	Individual autonomy and collective responsibility of teacher and learner
	20.11.23-25.11.23	Teacher's autonomy and its importance in enriching learning environment
	27.11.23-02.12.23	Education in schools and its linkage with outside school experience.
December	04.12.23-09.12.23	Revision And Test
	11.12.23-16.12.23	

LESSON PLAN

Session: 2024-2025

Class: B.A. B.Ed. 1st Sem

Paper: Principles of Geography

Paper Code: GEO 101

Name of the faculty: Suman Devi

Month	Week	Topics to be covered
July	22.07.24-24.07.24	Meaning, Nature and scope of geography
	29.07.24-30.07.24	Approaches of Geography
August	05.08.24-10.08.24	Fundamental Concepts
	12.08.24-17.08.24	Origin of the Earth
	20.08.24-24.08.24	Shape, Size and movement of the earth
	27.08.24-31.08.24	Major land forms and Water Bodies, Internal Structure of the earth
September	02.09.24-07.09.24	Physical processes
	09.09.24-14.09.24	Endogenetic Processes
	17.09.24-21.09.24	Exogenetic Processes
	23.09.24-30.09.24	Distribution and growth of World population
October	01.10.24-05.10.24	Principles of Human adaptation and adjustment
	07.10.24-11.10.24	Human Modification of the Earth
	14.10.24-19.10.24	Meaning and types of regions, Regionalization
	21.10.24-26.10.24	Natural Regions of the World
	27.10.24-03.11.24	Diwali Vacations
November	04.11.24-09.11.24	Cultural regions of the world
	11.11.24-16.11.24	
	18.11.24-23.11.24	Geographical regions of the world
	25.11.24-30.11.24	Human Modification
December	02.12.24-07.12.24	Revision
	09.12.24-14.12.24	

	16.12.24-31.12.24	Examination
--	-------------------	-------------

LESSON PLAN

Session: 2024-2028

Paper: Hindi

Name of the faculty: Dr. Neelam Panwar

Class: B.A. B.Ed. 1st Sem

Paper Code: 101

Month	Week	Topics to be covered
July	22.07.24-26.07.24	Bhasai Kaushlo Ka Aadharbhut Vikas:- Sharvan Kaushal, Maukhik-Abhivyakti Kaushal.
	27.07.24-31.07.24	Lekhan Kaushal, Pathan Kaushal.
August	01.08.24-05.08.24	Likhit Evam Mauhik Bhasha Ki Bhumika.
	06.08.24-12.08.24	Boli Swikrit Vikasshil Bhashaye.
	13.08.24-17.08.24	Bhasa ki Vishesta Evam Mahtav.
	20.08.24-24.08.24	Hindi Bhasa Ki Dhavni Vavastha Evam Lipi.
	27.08.24-31.08.24	Devnagri Ki Vishestaye Evam Gun Dosh.
September	02.09.24-07.09.24	Sampreshan Mei Dhavani Evam Lipi Ka Mahtav.
	09.09.24-14.09.24	Sampreshan Dakhtao Ka Samvardhan.
	16.09.24-21.09.24	Sampreshan Ki Aavdharna, Sampreshan Ke Parkar.
	24.09.24-30.09.24	Sampreshan Mei Sharirik Hav-Bhav Ki Bhumika , Parbhavi Sampreshan Ke Tatav.
October	01.10.24-05.10.24	Sampreshan Ke Avrodh.
	07.10.24-12.10.24	Sampreshan Mei Uchharan Evam Viram Chinho Ki Bhumika.
	14.10.24-19.10.24	Sanchar Takniki, Avdharna, Parkarti, Parkar.
	21.10.24-25.10.24	Bhasai Kaushal Ke Vikas Mei Suchna Evam Takniki Ki Bhumika.
	27.10.24-03.11.24	Diwali Vacations
November	04.11.24-09.11.24	E-mail Lekhan, Bio-data.
	11.11.24-16.11.24	Samuh Vimarsh.
	18.11.24-23.11.24	Samajik Samvedna Evam Jagrukta ke Vikas Mei Bhasa Evam Social Media Ki Bhumika.
	25.11.24-30.11.24	Vyaktitav Evam Aatam-vishwas ke Vikas Mei Bhasa Evam Sanchar Madhyamo Ki Bhumika.
December	02.12.24-15.12.24	Revision and Test.
	16.12.24-31.12.24	Examination

LESSON PLAN

Session: 2024-25

Class: B.A B.Ed. 1st Sem

Paper: History

Paper Code: His 101

Name of the faculty: Mrs. Sarita Devi

Month	Week	Topics to be covered
July	22.07.24-24.07.24	Name of Country: Aryavarta, Jambudweepa, Bharat, India
	24.07.24-30.07.24	Indian Culture: salient features, Vedic Culture and Civilization: States, Society, Economic and Religion
August	1.08.24-03.08.24	Varnashram system, Shodash Sanskars: Purusharthas
	05.08.24-10.08.24	Impact of Ramayan and Mahabharat of Indian society
	12.08.24-17.08.24	Cultural importance of Puranas
	19.08.24-24.08.24	Contribution of Jainism and Buddhism to Indian culture.
	27.08.24-31.08.24	Vaishnavism, Shaivism and Shaktism
September	02.09.24-07.09.24	Development of Science in ancient Bharat up to Guptas
	09.09.24-14.09.24	Development of Art and Architecture: Maurayns, Post Mauryans (Mathura and Gandhara schools of Art) and Guptas
	16.09.24-21.09.24	Art and Architecture in South India: Pallavas and Cholas
	23.09.24-31.09.24	Art and Architecture: Sultanat and Mughal Period: Major Buildings, Sculpture
October	01.10.24-07-10.24	Six systems of Indian Philosophy
	14.10.24-19.10.24	Bhakti cult
	21.10.24-.26.10.24	Sufism
	27.10.24-03.11.24	Diwali Vacations
November	04.11.24-9.11.24	Greater India: Expansion of Indian culture abroad ain Centres of Ancient Indian Education
	11.11.24-16.11.24	Main Centres of Ancient Indian Education
	18.11.24-23.11.24	Test
	25.11.23- 30.12.23	Revision
December	02.12.24-07.12.24	Presentation
	09.12.24-14.12.24	Revision
	16.12.24-31.12.24	Exam

LESSON PLAN

Session 2024-25

Paper: AEC HINDI

Name of the faculty: Dr. Gurmeet Kaur

Class: B.A. /B.Sc. B.Ed. 1st Sem

Paper Code: AEC1

Month	Week	Topics to be covered
July	22.07.24- 26.07.24	<ul style="list-style-type: none"> Hindi sahitya ka kaal vibhajan aur naamkaran
	27.07.24-31.07.24	<ul style="list-style-type: none"> Aadikaal ka Naamkaran aur Seema Nirdharan
August	01.08.24-05.08.24	<ul style="list-style-type: none"> Aadikaal ki paristhitiyan,Pravritiyan
	06.08.24-12.08.24	<ul style="list-style-type: none"> Bhaktikaalin sahitya ka parichay paristhitiyan or Pravritiyan
	13.08.24-17.08.24	<ul style="list-style-type: none"> Santkavyadhara kavyadhara ka parichay
	20.08.24-24.08.24	<ul style="list-style-type: none"> suphykavyadhara kavyadhara ka parichay
	27.08.24-31.08.24	<ul style="list-style-type: none"> Raamkavyadhara aur krishan kavyadhara ka parichy
September	02.09.24-07.09.24	<ul style="list-style-type: none"> krishan kavyadhara ka parichy
	09.09.24-14.09.24	<ul style="list-style-type: none"> Swatantratapurva Hindi Kahani Ka Vikas Chandradhar Sharma Guleri- Usne Kaha Tha
	16.09.24-21.09.24	<ul style="list-style-type: none"> Jayshankar Prasad- Puraskar
	24.09.24-30.09.24	<ul style="list-style-type: none"> Premchand- Panch Parmeshwar Jainendra- Ek Raat
October	01.10.24-05.09.24	Swatantrayottar Hindi Kahani Ka Vikas
	07.10.24-12.10.24	<ul style="list-style-type: none"> Mohan Rakesh- Uski Roti
	14.10.24-19.10.24	<ul style="list-style-type: none"> Kamleshwar- Dilli Mein ek Maut
	21.10.24-26.10.24	<ul style="list-style-type: none"> Phanishwar Nath Renu- Teesari Kasam Chif ki Dawat -Bhisham Sahni
	27.10.24-03.11.24	<ul style="list-style-type: none"> Diwali Vacations
November	04.11.24-09.11.24	<ul style="list-style-type: none"> Group Discussion [Samooch Charcha]
	11.11.24-16.11.24	<ul style="list-style-type: none"> Introduction –, Lecture Definition – Characteristics – Types of Discussion
	18.11.24-23.11.24	<ul style="list-style-type: none"> Round table, Symposium forum
	25.11.24-30.11.24	<ul style="list-style-type: none"> Relevance of Group Discussion
December	02.12.24-14.12.24	<ul style="list-style-type: none"> Revision And Test

LESSON PLAN

Session: 2024-25

Class: B.A. B.Ed. 1st Sem

Paper: Introduction to Literature

Paper Code: ENG 101

Name of the Faculty: Ms. Riddhima Babbar

Month	Week	Topics to be covered
July	22.07.24-26.07.24	Unit 1: <ul style="list-style-type: none">• Meaning of Literature
	27.07.24-31.07.24	<ul style="list-style-type: none">• Literature and Language
August	1.08.24-05.08.24	<ul style="list-style-type: none">• Literature, society and culture
	06.08.24-12.08.24	<ul style="list-style-type: none">• Literature and Education
	13.08.24-17.08.24	<ul style="list-style-type: none">• Ordinary Vs. Literary Language
	20.08.24-24.08.24	<ul style="list-style-type: none">• Literature and Figurative Language
	27.08.24-31.09.24	Unit 2: <ul style="list-style-type: none">• Old English or Anglo-Saxon Period
September	02.09.24-07.09.24	<ul style="list-style-type: none">• Middle English Period
	09.09.24-14.09.24	<ul style="list-style-type: none">• The Renaissance
	16.09.24-21.09.24	<ul style="list-style-type: none">• Elizabethan Age
	24.09.24-30.09.24	<ul style="list-style-type: none">• Jacobean Age
October	01.10.24-05-10.24	<ul style="list-style-type: none">• Caroline Age, Commonwealth Period or Puritan Interregnum

	07.10.24-12.10.24	<ul style="list-style-type: none"> • The Neoclassical Period
	14.10.24-19.10.24	<ul style="list-style-type: none"> • The Restoration Age
	21.10.24-25.10.24	<ul style="list-style-type: none"> • The Augustan Age or Age of Pope • The Age of Sensibility or Age of Johnson
	27.10.24-03.11.24	Diwali Vacation
November	04.11.24-11.11.24	Unit 3: <ul style="list-style-type: none"> • The Romantic Period
	11.11.24-16.11.24	The Victorian Period
	18.11.24-30.11.24	The Pre- Raphaelites, Aestheticism and Decadence
	20.11.24-25.11.24	The Edwardian Period
December	02.12.24-15.12.24	Unit 4: <ul style="list-style-type: none"> • The Modern Period • The Georgian Period • Post Modern Period, Revision and Test
	16.12.24 onwards	Final Examination

LESSON PLAN

Session 2024-25

Class: B.A. B.Ed. 1st Sem

Paper: Microeconomics

Paper Code: Eco 101

Name of the faculty: Mrs. Anuradha

Month	Week	Topics to be covered
July	22.07.24 -24.07.24	Economics definition, nature, methods and economic problems or it's scope. Genesis of economic activity, Division of basic units of economic activity, Goods and Services, Value and Prices, Importance and uses of microeconomics
	24.07.24- 30.07.24	Economic Problems: Scarcity and Choice, Scope of Economic Theory and Economic Problems. Problems of Allocation of Resources, Production, Distribution of National Product, Economic Efficiency, Problem of Full Employment of Resources
August	1.08.24- 03.08.24	Problem of Economic Growth and Scarcity, Problem of Affluence, Positive Economics and Normative Economics. Demand function, Individual and Market demand function, Law of demand and it's reasons, Slope of demand curve, Factors determining Demand, Extension and Contraction of demand.
	05.08.24-10.08.24	Utility analysis and it's measurements, Cardinal and Ordinal approach of demand, Indifference curve analysis.
	12.08.24-17.08.24	Factors of production, Law of supply and it's factors affecting, Production function, Law of variable proportion, Return to scale.
	19.08.24-24.08.24	Isoquant, Choice of inputs, Changes in factor prices, The Expansion path of linear, Homogenous production function.
	27.08.24-31.08.24	Concept of cost, Short and long run cost, Economies and Diseconomies, Cost curves and derivation, PPC and it's shifting.
September	02.09.24-07.09.24	Concept of revenue and it's relationships, Market structure, it's objectives and equilibrium conditions of firm.
	09.09.24-14.09.24	Perfect competition.
	16.09.24-21.09.24	Monopoly.
	23.09.24-31.09.24	Monopolistic competition.
October	01.10.24-07-10.24	Concept of productivity, Marginal productivity theory of distribution, Distribution theory of imperfect product and factor market.
	9.10.24-17.10.24	Factor pricing under perfect competition and monopoly, Adding up theorem, Theory of wage.
	21.10.24-.26.10.24	Ricardian theory of rent, Modern theory of rent, Scarcity

		rent, Differential rent and Quasi-rent. Classical theory of interest, Keynes Liquidity Preference theory of interest
	27.10.24- 03.11.24	DIWALI VACATION
November	4.11.24-10.11.24	Schumpeter theory of innovation and F. H. Knight's risk and uncertainty of interest Oligopoly
	11.11.24-16.11-24	MPP, VMP, MRP
	18.11.24-23.11-24	Elasticity of demand.
	25.11.24-30.11.24	Consumer equilibrium, Consumer surplus.
December	02.12.24-07.12.24	Revision Tests
	09.12.24-14.12.24	Revision Tests
	16.12.24-31.12.24	Revision Tests

Lesson Plan

Session: 2024-2025

Class: BA BED 1ST Sem

Subject: Information and Communication Technology (ICT) In Education-I

Paper: AEC2(I)

Teacher Incharge: Ms. Madhu Gupta

Month	Week	Topics to be covered
July	25-07-2024 to 31-07-2024	How technology enhance learning: Basic theories of communication, system theory and learning theory, historical account of the development of various educational media (audio, video, print, storage, display, projection)
August	01-08-2024 to 10-8-2024	Communication process and role of technology in communication, Information and Communication Technology: Meaning, nature and advantages
	12-08-2024 to 17-08-2024	Media literacy and digital literacy-need and importance, Digital divide and enhancing access, National ICT policies, curriculum, Schemes and programmes
	19-08-2024 24-08-24	Cyber security: privacy, hacking, Virus, spy ware, misuse, abuse, antivirus, firewall, and safe and ethical practices
	26-08-2024 to 31-08-2024	Computer hardware fundamentals (Anatomy, input devices, output devices, Storage devices, display devices)
September	02-9-2024 to 07-09-2024	Computer Networks-LAN, WAN, Internet –concept and architecture; Locating internet resources – browsing, navigating, searching, selecting, evaluating, saving and book marking
	09-09-2024 to 14-09-2024	Licenses – software license, document license, fare use and privacy; File formats and conversion, utility tools.
	16-09-2024 to 21-09-2024	Cloud Computing: meaning, types, and advantages Digitalization, Software- meaning and types
	23-9-2024 to 30-09-2024	Source and binary code, Proprietary software, open-source software Shareware and freeware – concept, philosophy, types, and advantages Operating system - meaning, types- Windows, Linux, Macintosh
October	1-10-2024 to 5-10-2024	Navigating the desktop, control panel, file manager, explorer, and accessories Software as Service
	7-10-2024 to 17-10-2024	Online software tools and applications and their educational use Managing the ICT infrastructure:
	18-10-2024 to 24-10-2024	Software installation, troubleshooting of hardware seeking and providing help, storage and backup, updating and upgrading software, Application software- meaning and types
	25-10-2024 to 26-10-2024	Word processing, spreadsheet, presentation: Features and educational applications (Unicode) Drawing tools- Diagram, concept maps, timelines, flow
	27-11-2024 to 03- 11-2024	Diwali Vacations
November	4-11-2024 to 6-11-2024	charts: educational applications of these tools Web 2.0 Technology and tools: meaning, characteristics and types

	11-11-2024 to 13-11-2024	Social networking and social bookmarking- educational applications
	18-11-2024 to 20-11-2024	Blog and micro blog – reflective journaling and other educational applications
	21-11-24 to 30-11-24	Web 2.0 tools for creating, sharing .
	1-12-24 to 15-11-24	Wiki- collaborative authoring and projects, Instant messaging and its educational applications.

LESSON PLAN

Session: 2024-2025

Class: B.Sc B.Ed./B.A B.Ed 3rd Sem

Subject: E.V.S

Paper Code: GCEE 201

Name of the Faculty: Dr. Manju Yadav

Month	Week	Topics
July	22.07.24-27.07.24	Importance need and scope of Environmental Conservation and Regeneration
	29.07.24- 31.07.24	Structure and functions of different ecosystems
August	1.08.24- 3.08.24	India as a mega biodiversity nation
	5.08.24-10.08.24	Role of individual in conservation of natural resources: water, energy
	12.08.24- 17.08.24	Role of individual in conservation of natural resources: food,
	19.08.24-24.08.24	Equitable uses of resources for sustainable livelihoods
	26.08.24-31.08.24	Environmental legislation: awareness and issues involved in enforcement.
September	02.09.24-07.09.24	Community participation in natural resource management- water, forests
	09.09.24-14.09.24	Environmental conservation, Deforestation in the context of tribal life, Sustainable land use management
	16.09.24-21.09.24	Traditional knowledge and biodiversity conservation
	23.09.24- 30.09.24	Biodiversity conservation, Test, Developmental projects including Government initiatives and their impact on biodiversity conservation
October	01.10.24- 05.10.24	Practices in Environment Management, Consumerism and waste generation and its management
	07.10.24-12.10.24	Sustainable Environment in Global world, Environmental conservation in the globalised world.
	14.10.24- 19.10.24	Alternative sources of energy, Impact of industry/mining/transport on environment, Sustainable use of forest produces
	21.10.24- 26.10.24	Impact of natural disaster/man-made disaster on environment,
	28.10.24-03.11.24	Diwali Vacation
November	04.11.24- 09.11.24	Biological control for sustainable agriculture, Heat production and greenhouse gas emission
	11.11.24-16.11.24	Environmental degradation and its impact on the health of people, how degradation affect our environment .
	18.11.24- 23.11.24	How to prevent health of people from degradation Organic farming, Agricultural waste: their impact and Rain water harvesting and water resource management, methods of conserving the water

	25.11.24-30.11.24	Biomedical waste management, health types of wastes, how biomedical waste affect our environment and human
December	02.12.24-07.12.24	Revision
	09.12.24-14.12.24	Revision
	16.12.24-31.12.24	Examination

LESSON PLAN

Session: 2024-2025

Class: B.Sc. B.Ed./B.A. B.E.d. 3rd Sem

Subject: Yoga, Health and well being

Name of the Faculty: Dr. Rekha Sharma

Month	Week	Topics to be covered
October	10.10.23-14.10.23	<ul style="list-style-type: none">• Concept of health, importance, dimensions and determinants of health, health needs of children and adolescents including differently abled children.
	16.10.23-21.10.23	<ul style="list-style-type: none">• Understanding of the body system – skeleton, muscular, respiratory circulatory and digestive in relation to health.
	23.10.23-28.10.23	<ul style="list-style-type: none">• Common health problems and diseases- causes, prevention and cure, immunization and first aid.
	30.10.23-31.10.23	<ul style="list-style-type: none">• Food - habits, hygiene, diseases and their prevention, Safety, security and physical fitness• Food and nutrition, food habits, nutrients and their functions.
November	01.11.23-4.11.23	<ul style="list-style-type: none">• Preservation of food value during cooking, indigenous and modern ways of preserving food.
	06.11.23-09.11.23	<ul style="list-style-type: none">• Practices related to food hygiene, malnutrition, obesity, food and waterborne and deficiency diseases and prevention.
	10.11.23-16.11.23	<ul style="list-style-type: none">• Diwali Vacations
	17.11.23-18.11.23	<ul style="list-style-type: none">• Safety from snake and dog bites, animal attacks, prevention and treatment.
	20.11.23-25.11.23	<ul style="list-style-type: none">• Physical fitness, strength, endurance and flexibility, its components, sports skills and self- defence activities.
	28.11.23-30.11.23	<ul style="list-style-type: none">• Athletics and Games• Athletics – general physical fitness exercises.
December	01.12.23-02.12.23	<ul style="list-style-type: none">• Games – lead up games, relays and major games Health services, policies and health and physical education related programmes, blood banks and role of media. Revision and Test
	04.12.23-09.12.23	<ul style="list-style-type: none">• Rhythmic activities, gymnastics and their impact on health. Revision and Test

	11.12.23-16.12.23	<ul style="list-style-type: none">• Yogic practices – importance of yoga, yogasanas and pranayamas. Role of institutions in developing healthy individuals- family, school and sports Revision and Test
	18.12.23-23.12.23	<ul style="list-style-type: none">• Safety and security – disasters in and outside schools, ways of prevention

LESSON PLAN

Session: 2024-2025

Class: B.A. B.Ed. 3rd Sem

Paper: Comparative Government Politics

Paper Code: 201

Name of the faculty Dr. Renu Bala

Month	Week	Topics to be covered
July	22.07.24-24.07.24	Unit 1: <ul style="list-style-type: none">• Comparative Politics: Meaning & Nature, Scope
	29.07.24-30.07.24	<ul style="list-style-type: none">• Types of Comparison (Vertical-Horizontal)
August	05.8.24-10.8.24	<ul style="list-style-type: none">• Constitutionalism
	12.8.24-17.08.24	Unit 2 : <ul style="list-style-type: none">• Social-Economics bases & Salient features of Costitutions of UK, USA & SWISS.
	20.8.24-24.8.24	<ul style="list-style-type: none">• Federal System of The USA & Switzerland
	27.8.24-31.8.24	<ul style="list-style-type: none">• Political Parties in America
		<ul style="list-style-type: none">• Political Parties in UK & Switzerland
September	02.9.24-07.9.24	<ul style="list-style-type: none">• Revision and Test
	09.9.24-14.9.24	British Prime Minister & Cabinet
	17.9.24-21.9.24	Unit 3: <ul style="list-style-type: none">• Executive: Composition & Function
	23.9.24-30.9.24	<ul style="list-style-type: none">• British King & Crown
October	01.10.24-05.10.24	<ul style="list-style-type: none">• The President of USA
	07.10.24-11.10.24	Unit 4: <ul style="list-style-type: none">• Legislature:Composition & Powers of the British Parliament,USA's Congress

	14.10.24-19.10.24	<ul style="list-style-type: none"> Judiciary: System of UK, USA's, ,Supreme Court , Turbunal of Swiss
	21.10.24-26.10.24	<ul style="list-style-type: none"> Plural Executive of Switzerland
	27.10.24-03.11.24	DIWALI HOLIDAYS
November	04.11.24-09.11.24	Types of Constitutions
	11.11.24-16.11.24	Political Parties in UK & Switzerland
	25.11.24-30.11.24	Test
December	02.12.24-07.12.24	Swiss Federal Assembly
	09.12.24-14.12.24	Revision
	16.12.24-31.12.24	FINAL EXAM

LESSON PLAN

Session: 2024-25

Class: B.A. B.Ed. 3rd Sem

Paper: English Drama

Paper Code: ENG 201

Name of the Faculty: Ms. Riddhima Babbar

Month	Week	Topics to be covered
August	1.08.24-05.08.24	Shakespeare: As You Like It: Detailed Story Scene/Act wise Summary
	06.08.24-12.08.24	Plot, Theme
	13.08.24-17.08.24	Long questions
	20.08.24-24.08.24	Literary Terms Tragedy, Comedy, Plot, Soliloquy, Three Unities, Tragic
	27.08.24-31.09.24	Comedy, Farce, Conflict,
September	02.09.24-07.09.24	Climax, Catharsis
	09.09.24-14.09.24	Christopher Marlowe: Dr. Faustus Detailed Story Scene/Act wise Summary
	16.09.24-21.09.24	Plot, Theme
	24.09.24-30.09.24	Long questions
	01.10.24-05-10.24	Literary Terms Poetic justice, Chorus
October	07.10.24-12.10.24	, Comic Relief, Closet Drama
	14.10.24-19.10.24	Mystery, Miracle and morality plays, the Intrudes, Elizabethan drama, Heroic tragedy
	21.10.24-25.10.24	William Congreve: The Way of the World Detailed Story Scene/Act wise Summary
	27.10.24-03.11.24	Diwali Vacation
November	04.11.24-11.11.24	Plot, Theme Long questions
	11.11.24-16.11.24	Literary Terms Comedy of Manners, Problem Plays, Poetic Drama, Absurd Plays,

		Contemporary English Drama
	18.11.24-30.11.24	G.B. Shaw: Arms and the Man Detailed Story Scene/Act wise Summary
	20.11.24-25.11.24	Plot, Theme
December	02.12.24-15.12.24	Revision & Tests
	02.12.24-15.12.24	Final Examination

LESSON PLAN (Session 24-24)

Semester-Even

Class: B.A.B.Ed.Sem-4th

Paper Code: ENG 402

Name of the Faculty: Deepa Rani

Name of the Paper: Literary Criticism and Theory

Month	Week	Topics to be covered
January	13.01.24 - 20.01.24	Unit 1: <ul style="list-style-type: none">• Aristotle : Poetics
	22.01.24 - 27.01.24	<ul style="list-style-type: none">• Bharatamuni : Natyashastra
	29.01.24 - 03.01.24	<ul style="list-style-type: none">• Johnson : Preface to Shakespeare
February	05.02.24 - 10.02.24	<ul style="list-style-type: none">• Theory of Rasa
	12.02.24-17.02.24	<ul style="list-style-type: none">• Theory of Vyanjana
	19.02.24-24.02.24	<ul style="list-style-type: none">• Theory of Alankara
	26.02.24-02.03.24	Unit 2: <ul style="list-style-type: none">• Wordsworth : Preface to Lyrical Ballads
March	04.03.24-09.03.24	<ul style="list-style-type: none">• Mathew Arnold : “The function of Criticism at Present Time”
	11.03.24-16.03.24	<ul style="list-style-type: none">• The Study of Poetry
	18.03.24-22.03.24	Unit 3: <ul style="list-style-type: none">• T.S. Eliot : “Tradition and Individual Talent”
	24.03.24-25.03.24	Holi Vacations
	26.03.24-30.03.24	<ul style="list-style-type: none">• Hamlet and His problems
April	01.04.24-06.04.24	<ul style="list-style-type: none">• Raymond Williams: ‘Forms’ in Culture’
	08.04.24-13.04.24	<ul style="list-style-type: none">• Raymond Williams: ‘Forms’ in Culture’
	15.04.24-20.04.24	Unit 4: <ul style="list-style-type: none">• Jacques Derrida: Structure, Sign and Play
	22.04.24-27.04.24	<ul style="list-style-type: none">• Jacques Derrida: Structure, Sign and Play
	29.04.24-04.05.24	<ul style="list-style-type: none">• Stanley Fish: Is there a text in this class?
May	06.05.24-11.05.24	<ul style="list-style-type: none">• Stanley Fish: Is there a text in this class?
	13.05.24-18.05.24	<ul style="list-style-type: none">• Edward Said: Orientalism (Chapter 1)
	20.05.24-25.05.24	<ul style="list-style-type: none">• Edward Said: Orientalism (Chapter 1)
	27.05.24-01.06.24	<ul style="list-style-type: none">• Elaine Showalter: Towards a Feminist Poetics

June	03.06.24-15.06.24	<ul style="list-style-type: none">• Revision and Test.
------	-------------------	--

LESSON PLAN

Session 24-25

Class: B.A. B.Ed. 3rd Sem

Paper: Education: Guidance & Counselling in School

Paper Code: CBCED-I-201

Name of the faculty: Ms. Karamjit Kaur

Month	Week	Topics to be covered
July	22.07.24-26.07.24	<ul style="list-style-type: none"> • Meaning, Nature & Functions of Guidance, Principles of Guidance.
	27.07.24-31.07.24	(ii) Vocational Guidance – Meaning and need at Secondary level. (iii) Personal Guidance – Meaning and need at Secondary level
August	01.08.24-05.08.24	<ul style="list-style-type: none"> • Meaning, Nature and Functions of Counseling • Theories of Counseling:
	06.08.24-12.08.24	<ul style="list-style-type: none"> ○ Theory of Self (Rogers) ○ Rational Emotive Behavior
	13.08.24-17.08.24	<ul style="list-style-type: none"> • Types of Counseling: Directive, Non directive, Eclectic.
	20.08.24-25.08.24	<ul style="list-style-type: none"> • Tests: Aptitude, Attitude,
	27.08.24-31.08.24	<ul style="list-style-type: none"> • Interest
September	02.09.24-07.09.24	<ul style="list-style-type: none"> • Achievement tests
	09.09.24-14.09.24	Personality, IQ and Emotional,
	17.09.24-21.09.24	<ul style="list-style-type: none"> • Techniques used in guidance: Questionnaire,
	23.09.24-30.09.24	<ul style="list-style-type: none"> • Dealing with depression and academic stress (with regard to their identification and intervention). Guidance Implication in (Current Indian scenario,
October	01.10.24-05.10.24	<ul style="list-style-type: none"> • Skills in Counseling (Listening, Questioning, Responding, Communicating
	07.10.24-14.10.24	<ul style="list-style-type: none"> • Role of Teacher as a counselor and professional ethics associated with it.
	14.10.24-19.10.24	<ul style="list-style-type: none"> • Career Counseling and Dissemination of Occupational Information
	21.10.24-03.11.24	Need of Guidance at various stages of life
November	04.11.24-9.11.24	<ul style="list-style-type: none"> • Types of Guidance: (i) Educational Guidance – Meaning and need at Secondary level

	11.11.24-16.11.24	Process of Counseling (Initial disclosure, in depth exploration and commitment to action).
	18.11.24-23.11.24	Mental ability, Intelligence etc.
	25.11.24-30.11.24	<ul style="list-style-type: none"> • Interview schedule, Case study, Diary and Autobiography. Professional efficacy and interest
December	01.12.24-02.12.24	Education and Guidance
	04.12.24-10.12.24	Revision test

LESSON PLAN

Session: 2024-25

Class: B.A.B.Ed. 3rd Sem

Paper: Rachnatmak Lekhan Evam Anuvad

Paper code: Hindi 201

Name of the faculty: Dr. Neelam Panwar

Month	Week	Topics to be covered
July	22.07.24-26.07.24	Rachnatamak Lekhan, Upyogita, parichai, Rachnatmak Lekhan Ke Vividh Rup.
	27.07.24-31.07.24	Kavita Lekhan, Kavita Ke Tatav.
August	01.08.24-05.08.24	Kahani Lekhan, Kahani Ke tatav.
	06.08.24-12.08.24	Upanyas Ke Tatav, hindi Ke Parmukh Upanyaskar,
	13.08.24-17.08.24	Natak, Natak Ke Parkar, Natak Ke Tatav.
	20.08.24-24.08.24	Hindi Ekanki Ka Vikas, Ekanki Ke Parkar
	27.08.24-31.08.24	Ekanki Ke Tatav, Parmukh Ekankikar.
September	02.09.24-07.09.24	Anuvad Evam Racnatmak Lekhan.
	09.09.24-14.09.24	Anuvad Ka Arth : Swrup Aur Mahtav.
	16.09.24-21.09.24	Anuvad : Itihas Parampra.
	24.09.24-30.09.24	Anuvad Ke Tatav, Satrotar Bhasa, Lakshay Bhasa, Sampreshan Koshgat Aarth.
October	01.10.24-05.10.24	Anuvad Samgri Bhavarth.
	07.10.24-12.10.24	Anuvad Ke Sawrup:- Shabdik Anuvad, Bhavanuvad, Chayanuvad, Saranuvad.
	14.10.24-19.10.24	Anuvad Parkirya-Aayam Evam Parmukh Paksh.
	21.10.24-25.10.24	Anuvad Parkirya Ke Vibhin Chran.
	27.10.24-03.11.24	Dipawali Vacations
November	04.11.24-09.11.24	Parmukh Paksh-Rachnakar, Anuvadkrta, Pathak.
	11.11.24-16.11.24	Anuvad Lekhan Samyak Mulyankan.
	18.11.24-23.11.24	Anuvad Karya Ki Aavasyakta Evam Mahtav
	25.11.24-30.11.24	Baudhik Evam Sanskritik Aadan-Pardan Mei Anuvad Karya Ki Bhumika.
December	02.12.24-15.12.24	Revision & Test
	16.12.24-31.12.24	Examination

LESSON PLAN

Session: 2024-25

Class: B.A. B.Ed. 3rd Sem

Paper: HISTORY

Paper Code: History 201

Name of the faculty: Mrs. Sarita Devi

Month	Week	Topics to be covered
July	22.07.24 -27.07.24	Sources of ancient Indian History –Literary, Archaeological, Numismatical and Epigraphical. Influence of Geography on Indian History, Sindhu –Saraswati civilisation – origin, extent, First Urbanisation: urban planning, economy and Trade.
	29.07.23- 30.07.24	Post Mauryan society and polity: Shungas, satvahanas and Kushanas,
August	05.08.23 - 10.08.24	Sangam Age – Chiefdoms, literature, society and economy.
	12.08.24- 04.08.24	Gupta dynasty – Chandragupta I, Samudragupta, Chandragupta administration, Land revenue system, Economy and society
	20.08.24-24.08.24	Gupta administration, Land revenue system, Economy and society
	27.08.24 - 31.08.24	Mahajanpadas: Administrative system of Republics, The age of second urbanisation
September	02.09.24-09.09.24	Rise of Magadha Empire
	10.09.24 -14.09.24	The Age of Mauryas – Chandragupta: extent of his empire and administration.
	17.09.24 - 21.09.24	Ashoka – his concept of Dhamma.
	23.09.24 - 30.09.24	Geographical divisions of India
October	01.10.24 - 05.10.24	Political, Social, religious and economic life during the reign of Harsha Vardhana
	07.10.24-14.10.24	Rise of Rajputs; origin and consolidation
	15.10.24-26.10.14	Chauhans, Gurjar
	27.10.24-03.11.24	Diwali Vacation
November	04.11.24 – 09.11.24	South India - Pallavas, Chalukyas, RashtraKutas, Cholas: society
	11.11.24-18.11.24	RashtraKutas, Cholas: society and polity
	19.11.24-23.11.24	Tripartite struggle
	24.11.24 - 30.11.24	Revision
December	2.12.24-14.12.24	Tests
	16.12.24-31.12.24	Examination

LESSON PLAN

Session 2024-25

Class: B.A. B.Ed 3rd Sem

Paper: Macro Economics

Paper Code: ECO 201

Name of the faculty: Mrs. Anuradha

Month	Week	Topics to be covered
July	22.07.24 -24.07.24	Meaning, Emergence, Nature and Scope of macroeconomics, Basic concept of macroeconomics,
	24.07.24- 30.07.24	Structure and working of four sectors of macro economy, Circular flow of income and expenditure in 2, 3 and 4 - sector model.
August	1.08.24- 03.08.24	Concept of GDP and National Income, it's measurement methods and related aggregates, Nominal and Real Income,
	06.08.24-12.08.24	Difficulties in calculating national income, Role of GNP measure in economic welfare.
	13.08.24-17.08.24	Concept of AD, AS function, Derivation of AS curve,
	20.08.24-25.08.24	Classical and keynsian theory of income and employment
	27.08.24-31.08.24	Keynes Fundamental Psychological laws of consumption
September	02.09.24-07.09.24	Factors determining consumption, Saving and Investment function, the concept of Multiplier and Accelerator, Capital and Investment, Marginal efficiency of capital and investment.
	09.09.24-14.09.24	Classical and Neo classical theory of interest,
	16.09.24-21.09.24	Keynes Liquidity preference theory of interest,
	23.09.24-31.09.24	Neo Keynesian theory - IS and LM model.
October	01.10.24-05-10.24	Concept and component of Balance of payment, Distinguish between Balance of payment and Balance of trade.
	07.10.24-12.10.24	Consequences or causes of disequilibrium in the Balance of payment

	14.10.24-19.10.24	Measures to correct imbalance in Balance of payment
	21.10.24-.25.10.24	Implication of Foreign trade multiplier, concept of appreciation and depreciation of currency and its effect on foreign trade
	27.10.24-03.11.24	Diwali Vacations
November	4.11.24-09.11.24	Meaning, nature and characteristics of trade cycles Theories of business cycle - over- saving, under consumption theory,
	10.11.24-16.11-24	Innovation theory, Hawtray monetary theory, Hayes over investment theory, keynes view on trade cycle.
	17.11.24-24.11-24	Samuelson - Hicks multiplier - accelerator interaction model,
	25.11.24-30.11.24	Control of Business cycle through relative efficiency of monetary and fiscal policies
December	02.12.24-07.12.24	Revision Tests
	09.12.24-14.12.24	Revision Tests
	16.12.24-31.12.24	Revision Tests

LESSON PLAN

Session: 2024-2025

Class: B.A. B.Ed. 3rd Sem

Paper: Linear Algebra

Paper Code: MTH 201

Month	Week	Topics to be covered
July	22.07.24-27.07.24	Unit-1 <ul style="list-style-type: none"> • Matrices • determinants, Basic properties of determinants, Co-factor expansion
	29.07.24- 31.07.24	<ul style="list-style-type: none"> • Elementary matrices, invertible matrices
August	1.08.24- 3.08.24	<ul style="list-style-type: none"> • system of linear equations
	5.08.24-10.08.24	<ul style="list-style-type: none"> • Gauss elimination method • Gauss-Jordan method for finding inverse of a matrix
	12.08.24- 17.08.24	<ul style="list-style-type: none"> • Vector space • subspaces
	19.08.24-24.08.24	<ul style="list-style-type: none"> • Linear dependence and Linear independence of vectors
	26.08.24-31.08.24	<ul style="list-style-type: none"> • Basis and Dimension • Finite dimensional vector space-some properties
September	02.09.24-07.09.24	<ul style="list-style-type: none"> • Quotient spaces • Homomorphism of vector spaces
	09.09.24-14.09.24	<ul style="list-style-type: none"> • Isomorphism of vector spaces • Direct sum
	16.09.24-21.09.24	<ul style="list-style-type: none"> • inner product spaces
	23.09.24- 30.09.24	<ul style="list-style-type: none"> • Euclidean vector spaces • Distance, Length, Properties
October	01.10.24- 05.10.24	<ul style="list-style-type: none"> • Orthogonal vectors • Gramm Schmidt Orthogonalisation Process
	07.10.24-12.10.24	<ul style="list-style-type: none"> • Orthogonal Complement.
	14.10.24- 19.10.24	<ul style="list-style-type: none"> • Matrices of linear transformations • Change of basis and the effect of associated matrices
	21.10.24- 26.10.24	<ul style="list-style-type: none"> • Kernal and Image of a Linear transformation • Rank Nullity theorem
	28.10.24-03.11.24	Diwali Vacations
November	04.11.24- 09.11.24	<ul style="list-style-type: none"> • Singular and Nonsingular linear transformations • Elementary matrices and transformations

	11.11.24-16.11.24	<ul style="list-style-type: none"> • Similarity, Eigen values, Eigen Vectors Diagonalisation
	18.11.24- 23.11.24	<ul style="list-style-type: none"> • Characteristic polynomial • Cayley-Hamilton theorem • Minimal polynomial.
	25.11.24-30.11.24	<ul style="list-style-type: none"> • Quadratic curves • Surfaces
		<ul style="list-style-type: none"> • Sphere • Cylinder
December	02.12.24-07.12.24	<ul style="list-style-type: none"> • Cone • Ellipsoid
	09.12.24-14.12.24	<ul style="list-style-type: none"> • Hyperboloid • Paraboloid
	16.12.24-31.12.24	Examination

LESSON PLAN

Session: 2024-25

Class: B.A. B.Ed. /B.Sc. B.Ed. 3rd Sem

Paper: Schooling, Socialization And Identity

Paper Code: PESS -201

Name of the Faculty: Dr. Gurmeet Kaur

Month	Week	Topics to be covered
July	22.07.24- 27.07.24	<ul style="list-style-type: none"> Understanding the nature and processes of socialization
	29.07.24-31.07.24	<ul style="list-style-type: none"> At home: family as a social institution; impact of parenting style/child rearing practices; transmission of parental expectations and values.
August	01.08.24-05.08.24	<ul style="list-style-type: none"> In the community: neighbourhood, extended family,
	06.08.24-12.08.24	<ul style="list-style-type: none"> Religious group and their socialization functions.
	13.08.24-17.08.24	<ul style="list-style-type: none"> At school: impact of entry to school; school as a social institution; value-formation in the context of schooling.
	20.08.24-24.08.24	<ul style="list-style-type: none"> gender and religion.
	27.08.24-31.08.24	<ul style="list-style-type: none"> Determinants of identity formation in individuals and groups: such as caste, class,
September	02.09.24-07.09.24	<ul style="list-style-type: none"> The influence of peer group, media messages, technology.
	09.09.24-14.09.24	<ul style="list-style-type: none"> Globalization on identity formation in contemporary Indian society.
	17.09.24-21.09.24	<ul style="list-style-type: none"> Schooling as a process of identity formation: ascribed, acquired and evolving.
	24.09.24-30.09.24	<ul style="list-style-type: none"> Potential role of school in developing national identity
October	01.10.24-05.09.24	<ul style="list-style-type: none"> Potential role of school in developing secular and humanistic identities.
	07.10.24-12.10.24	<ul style="list-style-type: none"> Expanding human activities and relation
	14.10.24-19.10.24	<ul style="list-style-type: none"> decreasing unhealthy competition, uncertainty and insecurities and the resultant identity conflicts.
	21.10.24-26.10.24	<ul style="list-style-type: none"> Indian concept of 'vasudhaiva kutumbakam'
	27.10.24-03.11.24	<ul style="list-style-type: none"> Diwali Vacations
	04.11.24-09.11.24	<ul style="list-style-type: none"> Indian concept of 'sarvadharm sambhava'
	11.11.24-16.11.24	<ul style="list-style-type: none"> Reflections on one's own aspirations and efforts in becoming a 'teacher'

November	18.11.24-23.11.24	<ul style="list-style-type: none"> • Evolving an identity as a teacher, which is progressive and open to re-construction.
	25.11.24-30.11.24	<ul style="list-style-type: none"> • Teachers' professional identity and Teachers' professional ethics.
December	02.12.24-14.12.24	Revision And Test

LESSON PLAN

Session: 2024-25

Class: B.A. B.Ed. 5th Sem

Paper: Pedagogy of Social Science I

Paper code: CPSSS301

Name of the faculty: Ms. Karamjit Kaur

Month	Week	Topics to be covered
July	22.07.24-26.07.24	Meaning, Nature and Scope of Social Science. Need and Importance of Social Science,
	27.07.24-31.07.24	The values inherent in social science: aesthetic, moral, utilitarian, intellectual and environmental.
August	01.08.24-05.08.24	field trip, role-play, dramatization, problem solving,
	06.08.24-12.08.24	Exploratory, concept mapping,
	13.08.24-17.08.24	Meaning, Importance and Characteristics of Lesson Plan, Important points/steps of Lesson Plan.
	20.08.24-25.08.24	Lesson plan Practice
	27.08.24-31.08.24	Characteristics of Assessment in Social sciences;
September	02.09.24-07.09.24	Typology of the questions based suited for examine/ assessing/ understanding different aspects of social sciences.
	09.09.24-14.09.24	Development of objective based and different type of test items, short answers and essay type questions in social sciences.
	17.09.24-21.09.24	Linking child's natural curiosity with natural phenomena;
	23.09.24-30.09.24	Practice of teaching
October	01.10.24-05.10.24	Map based learning, thematic approach, Multimedia approach and Interdisciplinary approach.
	07.10.24-14.10.24	Deciding the approach to teaching learning, writing lesson plan through creating learning situations
	14.10.24-19.10.24	spatial and temporal context; important social and economic issues and concerns

	21.10.24-03.11.24	Diwali Vacations
November	04.11.24-9.11.24	Writing teaching points, formulating objectives, selecting teaching learning materials,
	11.11.24-16.11.24	Relationship of social science with other sciences. Uniqueness of disciplines vis-a-vis interdisciplinary.
	18.11.24-23.11.24	Observation, project method,
	25.11.24-30.11.24	Revision Test
December	01.12.24-02.12.24	Test
	04.12.24-10.12.24	Test

LESSON PLAN

Session: 2024-2025

Class: B.A. B.Ed. 5th Sem

Paper: Representative Western Political Thinkers

Paper Code: POL-301

Name of the faculty Dr. Renu Bala

Month	Week	Topics to be covered
July	22.07.24-24.07.24	Plato: Rule of philosophy, Education, Communism
	29.07.24-30.07.24	Aristotle: State, Constitution
August	05.08.24-10.08.24	Citizenship, Slavery, Revolution
	12.08.24-17.08.24	TEST
	20.08.24-24.08.24	St. Augustine: Theory of Two Cities
	27.08.24-31.08.24	Thomas Aquinas: State, Law
September	2.09.24-07.09.24	Christianization of Aristotle
	09.09.24-14.09.24	Machiavelli: Nation State
	17.09.24-21.09.24	Citizenship, Slavery, Revolution
	23.09.24-30.09.24	TEST
October	01.10.24-05.10.24	St. Augustine: Theory of Two Cities
	07.10.24-11.10.24	Thomas Aquinas: State, Law
	14.10.24-19.10.24	Christianization of Aristotle
	21.10.24-26.10.24	Machiavelli: State Craft
	27.10.24-03.11.24	DIWALI HOLIDAY
November	04.11.24-09.11.24	Thomas Hobbes: Contractual theory and Sovereignty
	11.11.24-16.11.24	Religion and Morality
	18.11.24-23.11.24	John Locke: Contractual theory and Private Property
	2.12.24-07.11.24	J.J .Rousseau : Contractual theory
	09.12.24-14.12.24	J.J .Rousseau : General Will ,Jeremy Bentham : Utilitarianism , Law & Reforms
December	16.12.24-31.12.24	J .S. Mill : Revision of Bentham's Utilitarianism
	11.12.23-16.12.23	Liberty and Representative Government.
	18.12.23-23.12.23	Karl Marx

Lesson Plan

Session: 2024-25

Paper: Pedagogy of Mathematics I

Name of the Faculty: Mrs. Mitu Nagpal

Class: B.A. B.Ed. 5th Sem

Paper Code: CPSPM 301

Month	Week	Topics to be covered
July	22.07.24-27.07.24	Unit-1 <ul style="list-style-type: none"> • Human Needs as a Basis of Growth in Mathematics, Mathematical Statements are Unambiguous, Truth Criteria, Use of Symbols
	29.07.24- 31.07.24	<ul style="list-style-type: none"> • The Role of Intuition And Logic in Mathematical Thinking
August	1.08.24- 3.08.24	<ul style="list-style-type: none"> • Axiomatic Framework of Mathematics: Axioms, Postulates, Undefined Terms, Defined Terms
	5.08.24-10.08.24	<ul style="list-style-type: none"> • Reasoning, Type of Reasoning, Proofs - Types of Proofs
	12.08.24- 17.08.24	<ul style="list-style-type: none"> • Language of Mathematics
	19.08.24-24.08.24	<ul style="list-style-type: none"> • Cultivating Learner's Sensitivity Like Listening, Encouraging Learner for Probing
	26.08.24-31.08.24	<ul style="list-style-type: none"> • Raising Queries, Appreciating Dialogue Among Peer Group, Promoting the Student's Confidence Mathematical Thinking,
September	02.09.24-07.09.24	Unit-2 <ul style="list-style-type: none"> • Exploring Ways of Learning Engagements
	09.09.24-14.09.24	<ul style="list-style-type: none"> • Providing Opportunities for Group Activities, Group/Individual Presentation, Providing Opportunity for Sharing Ideas, Exposing to Exemplar Constructivist Learning Situations in Mathematics
	16.09.24-21.09.24	<ul style="list-style-type: none"> • Visit to District, State And National Level Science Exhibition/ Field Visit
	23.09.24- 30.09.24	<ul style="list-style-type: none"> • Audio Visual Presentation Followed by its Analysis And Discussion, Reflective Written Assignments, Case Studies
	01.10.24- 05.10.24	Unit 3: <ul style="list-style-type: none"> • Need And Importance of Mathematics in School

October		Curriculum
	07.10.24-12.10.24	<ul style="list-style-type: none"> • Social Aspects • Mathematical Aspects
	14.10.24- 19.10.24	<ul style="list-style-type: none"> • Applications of Mathematics, Aims, Objectives And Scope of Mathematics at the Secondary Stage
	21.10.24- 26.10.24	<ul style="list-style-type: none"> • Writing of Objectives for Each Stage (Primary, Secondary And Sr. Secondary), Writing Objectives In Behavioural Terms for Each Stage. Piaget's Operational Thinking, Emphasis on the Use of Mathematics in Daily Life Situations
	28.10.24-03.11.24	Diwali Vacations
November	04.11.24- 09.11.24	<ul style="list-style-type: none"> • Role of Mathematics in Other Subject Areas – Interdisciplinary Approaches • Developing Skills in Learners - Problem Solving, Logical Thinking, Drawing Inferences, Handling Abstraction, Visualising Etc. in Learner's Personality
	11.11.24-16.11.24	<ul style="list-style-type: none"> • History of Development of Mathematics And Contributions of Indian Mathematicians
	18.11.24- 23.11.24	Unit 4: <ul style="list-style-type: none"> • Designing And Setting up Models, • Teaching Aids And Activities/ Laboratory Work - Using Open Source Software in Mathematics Lesson (Expressive Way- To Create their Own From Scratch, As they Express Themselves With Contentment by Means of a More Open Application or Resource)
	25.11.24-30.11.24	<ul style="list-style-type: none"> • Identifying Activity in Several Content Areas at Secondary Level Conducive to the Comprehension Level of Learner, Inculcating Skills in Designing, Demonstrating, Interpreting And Drawing Inference of Digital Applets/Concrete Models
		<ul style="list-style-type: none"> • Providing Opportunities for Group Activities, Hands on Experimentation within Digital Environment, Group/ Individual Presentation.

		<ul style="list-style-type: none"> • Providing Opportunity for Sharing Ideas, Exposing to Exemplar Constructivist Learning Situations in Mathematics.
December	02.12.24-07.12.24	<ul style="list-style-type: none"> • Designing And Setting up Models, Teaching Aids And Activities/ Laboratory Work, Visit to District, State And National Level Science Exhibition.
	09.12.24-14.12.24	<ul style="list-style-type: none"> • Digital Presentation Followed by Its Analysis And Discussion, Reflective Written Assignments, Case Studies, Audio Visual Presentation Followed by its Analysis And Discussion.
	16.12.24-31.12.24	Examination

LESSON PLAN

Session 2024-25

Paper: Money, Banking and International Trade

Name of the faculty: Anuradha

Class: B.A. B.Ed. 5th Sem

Paper code: ECO 301

Month	Week	Topics to be covered
July	22.07.24-24.07.24	Meaning, Nature and definition of money; Evaluation of definition of money; Difficulties in Barter system, Functions of money; Classification of money.
	29.07.24-30.07.24	Characteristics of money, Role of money in different types of economy
August	1.08.24- 3.08.24	Meaning, Construction and limitations of Index Number;
	5.08.24-10.08.24	Quantity theory of money Fisher, Cash- Balance Approach
	12.08.24- 17.08.24	Cambridge Cash – Transaction Approach and Comparison of Fisherian approach with Cambridge approach.
	19.08.24-24.08.24	Definition of money Supply Determinants of money Supply,
	26.08.24-31.08.24	High power Money and Money Multiplier, Measures of money Supply in India, Money Supply and Liquidity.
September	02.09.24-07.09.24	Monetary Standards– Metallic (Working of Gold Standard) and Paper System of note issue;
	09.09.24-14.09.24	I M F-Objectives and its monetary policy.
	16.09.24-21.09.24	Effect of inflation, Anti- inflationary measures, concept of Stagflation, Disinflation Deflation and Reflation
October	01.10.24- 05.10.24	Evaluation, Origin and growth of banking system in India, Meaning of Banks and it's distinguished from non-banking financial intermediaries
	07.10.24-12.10.24	Types of Banks, Functions of Banks, The Process of Credit creation of commercial Banks

	14.10.24- 19.10.24	Its purpose and Limitations; Balance Sheet of commercial Bank – Assets and Liabilities, Functions of Central bank.
	21.10.24- 26.10.24	Method of Credit control – Quantitative and Qualitative methods Role and Function of RBI in the money market (organized and unorganised) in a developing economy
	28.10.24-03.11.24	Diwali Vacation
November	04.11.24- 09.11.24	Meaning and importance of international Trade
	11.11.24-16.11.24	Theories of International Trade – Absolute Cost advantage model of Adam Smith and Comparative cost advantage model of Ricardo
	18.11.24- 23.11.24	Concept of foreign exchange rate; Determinants of exchange rate by Mint Parity theory
	25.11.24-30.11.24	Purchasing Power Parity theory
December	02.12.24-07.12.24	Revision
	09.12.24-14.12.24	Revision
	16.12.24-31.12.24	Examination

LESSON PLAN

Session: 2024-2025

Class: B.A B.Ed. 5th Sem

Paper: Biogeography and Pedology

Paper code: GEO-301

Name of the faculty: Suman Devi

Month	Week	Topics to be covered
July	22.07.24-24.07.24	Plant ecology: habitat factors, adaptation, succession and climax
	29.07.24-30.07.24	Concept of plant species, family and genera , phyto-geographical regions
August	05.08.24-10.08.24	Terrestrial and marine fauna
	12.08.24-17.08.24	Means and barriers animal ecology and human ecology
	20.08.24-24.08.24	Dispersal and migration of animals
	27.08.24-31.08.24	Zoogeographical regions of the world , Forms and functions of biomes Forest, Grassland , Desert, Mountain and marine, Biodiversity
September	02.09.24-07.09.24	Laterisation, Podsolization
	09.09.24-14.09.24	Calcification, Salinization
	17.09.24-21.09.24	Alkalization
	23.09.24-28.09.24	Revision
	30.09.24	TEST
October	01.10.24-05.10.24	Forest and Wild life management , Roles of National Parks
	07.10.24-11.10.24	Sanctuaries and Biosphere Reserves in India
	14.10.24-19.10.24	Plant water soil relationship
	21.10.24-26.10.24	Concept of soil profile, , soil of the world
	27.10.24-03.11.24	Diwali Vacations
November	04.11.24-09.11.24	Soil classification
	11.11.24-16.11.24	Soil of the world

	18.11.24-23.11.24	Process of soil formation
	25.11.24-30.11.24	Presentation
December	02.12.24-07.12.24	Revision
	09.12.24-14.12.24	Revision
	16.12.24-31.12.24	Examination

LESSON PLAN

Session: 2024-25

Paper: Pedagogy of Hindi

Name of the faculty: Dr. Neelam Panwar

Class: B.A. B.Ed. 5th Sem

Paper Code: Hindi -301

Month	Week	Topics to be covered
July	22.07.24-26.07.24	Bhasa Ki Prakriti-Bhasa Ki Visheshtaye, Bhasa Ke Parkar Bhasa Ek Niyam Sanchalit Tantar Ke Rup Mei.
	27.07.24-31.07.24	Bhasa aur Ling, Bhasa Vai Satta, Bhasa Aur Asmita, Bhasa Aur Varg, Madhyam Bhasa.
August	01.08.24-05.08.24	Matrbhasa, Partham Bhasa, Davitya Bhasa, Tritya Bhasa, Bhasa Aur Adhigam.
	06.08.24-12.08.24	Samast Pathyakarm mei Bhasa Ka Upyog, Bhasa Aur Sahitya, Hindi Sahitya Ki Vividh Vidhaye.
	13.08.24-17.08.24	Swatantarta se Pahle Aur Swatantarta ke Baad Hindi Ki Bhumika.
	20.08.24-24.08.24	Hindi Partham, Dvitya Aur Tritya Bhasa ke Rup Mei Hindi Padhne Padhane Ki Chunotiya.
	27.08.24-31.08.24	Tribhasa Sutr Ki Visheshtaye.
September	02.09.24-07.09.24	Samvidhan ki Shiksha Samitiyo ki Report Mei Bhasa Ki Ishthiti.
	09.09.24-14.09.24	Kothari Aayog 1964-66.
	16.09.24-21.09.24	Rastriya Shiksha Niti-1986.
	24.09.24-30.09.24	Rastriya Pathyacharya-2005.
October	01.10.24-05.10.24	Bhasa Dakhtao Ka Vikas-sunna vai Bolna, Kahani, Samvad Padhna.
	07.10.24-12.10.24	Mukhar Vai Maun Vachan Vyapak Tatha Gahan Pathan, Dosh Vai Unka Niwaran.
	14.10.24-19.10.24	Likhna Vai Likhne Ke Chran.
	21.10.24-25.10.24	Sarjnatmak Lekhan, Oapcharik Lekhan.
	27.10.24-03.11.24	Dipawali Vacations
November	04.11.24-09.11.24	Anoapcharik Lekhan, Diary, Patr, Samachar Ityadi.
	11.11.24-16.11.24	Devnagri Lipi Ka Maankikaran.
	18.11.24-23.11.24	Vyakaran Anuvad Parnali Vidhi.
	25.11.24-30.11.24	Partyaksh Parnali Vai Dhachagat Parnali.
December	02.12.24-15.12.24	Revision & Test
	16.12.24-31.12.24	Examinations

LESSON PLAN

Session: 2024-25

Class: B.A B.Ed. 5th Sem

Paper: History

Paper Code: HIS 301

Name of the faculty: Mrs. Sarita Devi

Month	Week	Topics to be covered
July	22.07.24 -27.07.24	Early Peshwas, Third Battle of Panipat, Maratha confederation Maratha struggle against the British.
	29.07.24-30.07.24	Establishment of British rule in Bengal and consequent administrative changes.
August	05.08.24-10.08.24	British Relations with Indian states: Mysore and Punjab
	12.08.24- 17.08.24	Maratha struggle against the British.
	20.08.24- 24.08.24	Establishment of British rule in Bengal and consequent administrative changes.
	27.08.24- 31.08.24	British Relations with Indian states: Mysore and Punjab
September	02.09.24-07.09.24	Growth of Legislature and Administrative Changes (Lord Warren Hesting to Lord Curzon)
	09.09.24-14.09.24	Indian resistance prior to 1857: Tribal Revolts, Indigo Revolt, Pabna Revolt , Deccan Revolt, Peasant Revolt
	17.09.24-21.09.24	Development of Modern Education, Press, Transport & Communication, Trade & Industry
	23.09.24-30.09.24	Struggle of 1857: Nature, Causes, Role of the Natives Mangal Pandey, Bahadurshah, Tantia tope, Nana Saheb and Laxmi Bai, Significance
October	02.10.24-07.10.24	Imperial Policy of Lord Lytton-Varnacular press act, Delhi Darbar,Afghan Policy
	08.10.24-11.10.24	Liberal Policy of Lord Ripon and his reforms Foundation of Indian national Congress, background ,concept of
	14.10.24-19.10.24	Safety value,early activities,Prominent leaders
	21.10.24-26.10.24	Foundation of Muslim League
	27.10.24-03.11.24	Diwali Vacation
November	04.11.24-09.11.24	Moderates and Extremistse :Their Ideologies ,meansa and Activities – Surat Split.1907
	11.11.24-16.11.24	Rise of Middle Classes, Women Status and Reform legislation.Role of Dada Bhai Naoroji ,M.G Ranade ,G.K.Gokhale,B.G Tilak ,Arivnd Gosh and Lala Rajpat Ray

	18.11.24-23.11.24	Lord Curzon and his Administrative Reforms, Partition of Bengal Social Change and Reform Movements, Caste Movements
	25.11.24-30.11.24	Agrarian Relations, The Land Lords tenants and the states, Rise of
December	02.12.24-07.12.24	Morden Industries and Working Class
	09.12.24-14.12.24	Constitutional Development: Morley Minto Reform -1909, Government of India Act 1919 & 1935, Freedom of India Act 1947 I
	16.12.24-31.12.24	Examation

LESSON PLAN

Session: 2024-25

Class: B.A. /B.Sc. B.Ed. 3rd Sem

Paper: Hindi 301

Paper Code: Hindi- 301

Name of the faculty: Dr. Gurmeet Kaur

Month	Week	Topics to be covered
July	22.07.24- 27.07.24	<ul style="list-style-type: none">Maithilli Sharan Gupt ka Jivan parichay , Udbodhan kavita, Vedne Tu Bhali Bani kavita
	29.07.24-30.07.24	<ul style="list-style-type: none">Mujhe phool mat maro, Sakhi Ve Mujhse Keh Kar Jaate.
August	05.08.24-10.08.24	<ul style="list-style-type: none">Jaishankar Prasad ka Jivan parichay,Jaag Ri Kavita,
	12.08.24-17.08.24	<ul style="list-style-type: none">Mere Navik Kavita ,Peshola Ki pratidhwani
	20.08.24-24.08.24	<ul style="list-style-type: none">Smitranandan pant ka Jivan parichay,Pratham Rashami Kavita ,
	27.08.24-31.08.24	<ul style="list-style-type: none">Aansu Ki Balika, Drut Kavita, Jharo,Bharatmata Kavita
September	02.09.24-07.09.24	<ul style="list-style-type: none">Suryakant Tripathi Nirala ka Jivan parichay,Dhwani Kavita
	09.09.24-14.09.24	<ul style="list-style-type: none">Badal Raag Kavita, Todti Pathar Kavita
	17.09.24-21.09.24	<ul style="list-style-type: none">Mahadevi Verma ka Jivan parichay
	23.09.24-30.09.24	<ul style="list-style-type: none">Main Anant Path Mein likhti Jo Kavita. Nisha Ko Dho Deta Rakesh Kavita
October	01.10.24-05.09.24	<ul style="list-style-type: none">Kya Pooja Kya Archan Re,Kaun Tum Mere Hriday Mein Kavita
	07.10.24-1.10.24	<ul style="list-style-type: none">Ramdhari Singh Dinkar ka Jivan parichay
	14.10.24-19.10.24	<ul style="list-style-type: none">Kisko Naman Karu Kavita.
	21.10.24-26.10.24	<ul style="list-style-type: none">. Kurukshetra Kavita.
	27.10.24-03.11.24	<ul style="list-style-type: none">Diwali Vacations

November	04.11.24-09.11.24	<ul style="list-style-type: none"> • . Sachidanand Hiranand Vatsyayan Agay ka Jivan parichay,
	11.11.24-16.11.24	<ul style="list-style-type: none"> • Srijana ke kshan kavita
	18.11.24-23.11.24	<ul style="list-style-type: none"> • Kalgi Bajre Ki Kavita,Srajna Ke Kshan Kavita
	25.11.24-30.11.24	<ul style="list-style-type: none"> • Chandni ki loo Kavita,Nadi Ke Dvip kavita
December	02.12.24-14.12.24	<ul style="list-style-type: none"> • Revision And Test

LESSON PLAN

Session2023-24

Semester--Even

Department: EDUCATION

Class;B.A.B.Ed. 5TH SEM

Nameofthefaculty:Dr. Gurmeet Kaur

PaperCode-PELT 202

Name of the paper: Learning and Teaching

Month	Week	Topic
January	13.01.24-20.01.24	<ul style="list-style-type: none">• Meaning and principles of development, relationship between development and learning.
	22.01.24-27.01.24	<ul style="list-style-type: none">• Meaning of cognition and its role in learning, socio-cultural factors influencing cognition and learning.
	29.01.24-03.02.24	<ul style="list-style-type: none">• Social development – Meaning, Importance, Social process and its effect on Teaching & Learning, theory of social construction(Bruner)• Emotional development: - Meaning, Process, Need to Study its effect on Teaching and Learning Process.
February	05.02.24-10.02.24	<ul style="list-style-type: none">• Effective Teaching: Meaning, Component and Parameters of Effective Teaching, Identification of Teaching Skills, Principles of Teaching, Classroom instruction strategies, Teacher as a Learner, Modernising the classroom, Teacher behaviour and classroom climate (Flanders' interaction analysis system).
	12.02.24-17.02.24	<ul style="list-style-type: none">• Teaching for culturally diverse students, theory of culturally relevant pedagogy.• Creative Teaching: Meaning, concept and ways of teaching creatively.

	19.02.24-24.02.24	<ul style="list-style-type: none"> • Unlearning to learn • Learning- Meaning, and characteristics, factors influencing learning, Types of learning (Insight, Constructivist and Social), Tradition and changes in view of the learning process a shift from teaching to learning.
	26.02.24-02.03.24	<ul style="list-style-type: none"> • Principles of learning, Quality of learning. • Role of teacher in teaching-learning situations: (a) Transmitter of knowledge (b) Teacher as a Role Model (c) Facilitator for Encouraging Children to Construct knowledge (Constructivist Approach) (d) Co-learner, concept mapping
March	04.03.24-09.03.24	<ul style="list-style-type: none"> • Classroom Instruction Strategies (General Introduction) • Role of motivation in learning- Concept, Motivational Strategies to be used in classroom Diversity among learners and learning needs (with reference to special needs).
	18.03.24-22.03.23	<ul style="list-style-type: none"> • Multilingual background: Concept, Multilingual background of children and its classroom implications. • Learning Style: - concept, Types and importance in Teaching –Learning process, factors affecting learning style.
	23.03.24-25.03.23	<ul style="list-style-type: none"> • Holi Vacations
	25.03.24-30.03.24	<ul style="list-style-type: none"> • Introduction of teaching Models: Concept attitude, advance organization and inquiry model. • Teaching Style: - Concept, Types and effect on learners' learning process, factor affecting teaching Style.

April	01.04.24-06.04.24	<ul style="list-style-type: none"> • Teacher behaviour, effect of Verbal and Non-Verbal behaviour of Teacher on students' learning.
	08.04.24-13.04.24	<ul style="list-style-type: none"> • Use of out of class experiences of children in classroom teachi Distinctions between learning as 'construction of knowledge' and learning as 'transmission and reception of knowledge'.
	15.04.24-20.04.24	<ul style="list-style-type: none"> • Social-Constructivist perspective (also Bruner and Ausubel's perspective) and applications of Vygotky's ideas in teaching.
	22.04.24-27.04.24	<ul style="list-style-type: none"> • Understanding processes that facilitate 'construction of Knowledge
	29.04.24-04.05.24	<ul style="list-style-type: none"> • Experiential learning and reflection
May	06.05.24-11.05.24	<ul style="list-style-type: none"> • Social mediation • Cognitive negotiability
	13.05.24-18.05.24	<ul style="list-style-type: none"> • Situated learning and cognitive apprenticeship • Meta-cognition.
	20.05.24-25.05.24	<ul style="list-style-type: none"> • Creating facilitative learning environment. • Teachers' attitudes, expectations– enhancing motivation,
	27.05.24-01.06.24	<ul style="list-style-type: none"> • Achievement motivation, positive emotions, self-efficacy, collaborative and self-regulated learning. (The focus is on learning as a constructive rather than a reproductive process. The learner- centered orientation has implications for understanding learning as contextual and self-regulated process and following suitable classroom practices).
June	03.06.24-15.06.24	Revision and Test

LESSON PLAN

Session: 2024-2025

Class: B.A. B.Ed. 5th Sem

Paper: Pedagogy of English

Paper Code: CPSE 301

Name of the Faculty: Dr. Manju Yadav

Month	Week	Topics to be covered
July	22.07.24-27.07.24	Language: Nature and Function Aspects of Language: Physiological, Psychological and Socio-cultural Varieties of Language: Dialect and Register,
	29.07.24- 31.07.24	Standard and Non-Standard
August	1.08.24- 3.08.24	Bilingualism
	5.08.24-10.08.24	Multilingualism as a Resource, Language Learning: Acquisition vs. Learning
	12.08.24- 17.08.24	Language Learning: Types and process: L1, L2 and FL
	19.08.24-24.08.24	Language and Learning: Language Across Curriculum Role and Position of English language in India
	26.08.24-31.08.24	Challenges of teaching and learning English in India NCF -2005 (Language Education), Language Policy, Three-language Formula
September	02.09.24-07.09.24	Objective of teaching English in India: Linguistic and Literary objective
	09.09.24-14.09.24	English as a subject, English as medium of instruction Braille and Sign languages
	16.09.24-21.09.24	What are Methods, Approaches and strategies in ELT Grammar-Translation, Direct and Bi-lingual/multilingual methods, Structural approach
	23.09.24- 30.09.24	Communicative Approach, Silent Way, Suggestopedia, Total Physical Response, Constructivist perspective, Whole language approach, Humanistic approach, Literature-based approach for language learning
October	01.10.24- 05.10.24	Eclectic approach, Integrated approach
	07.10.24-12.10.24	Independence and interdependence of language skills
	14.10.24- 19.10.24	What is Grammar in context
	21.10.24- 26.10.24	English Language: Grammar and Usage

	28.10.24-03.11.24	Diwali Vacation
November	04.11.24- 09.11.24	Prescriptive vs. Descriptive Grammar
	11.11.24-16.11.24	Problem Areas of English Grammar I: Determiners, Tense, Auxiliaries
	18.11.24- 23.11.24	Modals
	25.11.24-30.11.24	Problem Areas of English Grammar II: Concord, Conditionals, Transformation
December	02.12.24-07.12.24	Revision
	09.12.24-14.12.24	Revision
	16.12.24-31.12.24	Examination

LESSON PLAN

Session: 2024-2025

Class: B.A. B. Ed 7th Sem

Paper: History

Paper Code: HIS 401

Name of the Faculty: Mrs. Sarita Devi

Month	Week	Topics to be covered
July	22.07.24-27.07.24	Legacy of freedom struggle, socio cultural values of non-violence.
	29.07.24-30.07.24	Problems and process of the integration of Indian states
August	05.08.24-10.08.24	Problems of displaced persons and rehabilitation process
	12.08.24-17.08.24	Framing of Indian constitution main Features and Amendments
	20.08.24-23.08.24	Industrialisation: Problems and prospects
	27.08.24-31.08.24	Green revolution, Achievements in the field of science technology with special reference to space, atomic energy and I T sector India emerging as a world power
October	01.10.24-05.10.24	Indian women after Independence and Political participation and contribution of women in various spheres.
	07.10.24-11.10.24	Agrarian reforms and Bhudan movement
	17.10.24-21.10.24	Five-year plans and beginning of planned economy
	22.10.24-26.10.24	Nationalisation of Banks and Abolition of Privy Purse
	27.10.24-03.11.24	Diwali Vacation
November	04.11.24-09.11.24	Main characteristics of Indian Foreign policy
	07.11.24-11.11.24	Upliftment of depressed classes, problems and challenges before Indian society.
	18.11.24-23.11.24	Indo china war, Indo Pakistan wars, Kashmir problem, Shimla Agreement 1971-72
	25.11.24-30.11.24	Principle of Panchsheel, Policy of Non-alignment and role of India
December	02.12.24-07.12.24	Indo china war, Indo Pakistan wars, Kashmir problem, Shimla Agreement 1971-72
	09.12.24-14.12.24	India's relations with neighbouring countries
	16.12.24-31.12.24	Examination

LESSON PLAN

Session: 2024-2025

Class: B.A. B. Ed 7th Sem

Paper: Asmitamulak Vimarsh aur Hindi Sahitya

Paper Code: HIN- 401

Name of the Faculty: Dr. Neelam Panwar

Month	Week	Topics to be covered
July	22.07.24-26-07.24	Vimarsho ki sadantki.
	27.07.24-31.07.24	Ishtri Vimarsh.
August	01.08.24-05.08.24	Ishtri Vimarsh Ki Avdharna.
	06.08.24-12.08.24	Ishtri Vimarsh ka Mukti Aandolan.
	13.08.24-17.08.24	Revision
	20.08.24-24.08.24	Swadhinta se Purv Evam Swadhinta Ke baad Ishtri.
	27.08.24-31.08.24	Revision
September	02.09.24-07.09.24	Dalit Vimarsh.
	09.09.24-14.09.24	Dalit Vimarsh Ki Parmukh Vidhaye.
	16.09.24-21.09.24	Aatamkatha-Juthan :
	24.09.24-30.09.24	Omparkash Balmiki (Partham Bhag).
October	01.10.24-05-10.24	Natak - Tadap Mukti Ki: Mata Parsad.
	07.10.24-12.10.24	Kahani - Charchit Dalit Mahila Kathakaro ki Kahaniya.
	14.10.24-19.10.24	Dr. Kusum Viyogi.
	21.10.24-25.10.24	Revision
	27.10.24-03.11.24	Diwali Vacations
November	18.11.24-23.11.24	Ishtri Aur Dalit Vimarsh Dasha.
	25.11.24-30.11.24	Ishtri Aur Dalit Vimarsh Disha.
December	02.12.24-15.12.24	Revision & Test
	16.12.24-31.12.24	Examination

LESSON PLAN

Session 2024-25

Class: B.A. B.Ed. 7th Sem

Paper: American Literature

Paper Code: ENG 401

Name of the Faculty: Ms Riddhima Babbar

Month	Week	Topics to be covered
August	1.08.24-05.08.24	Unit 1: Saki (H.H.) Munro: The Open Window
	06.08.24-12.08.24	Bernard Malamud: The Jewbird
	13.08.24-17.08.24	Nathaniel Hawthorne: Young Goodman Brown
	20.08.24-24.08.24	William Faulkner: A Rose For Emily (Critical Analysis)
	27.08.24-31.09.24	Ralph Waldo Emerson: Self Reliance (Critical Analysis)
September	02.09.24-07.09.24	Revision and Test
	09.09.24-14.09.24	Unit 2: H.W. Longfellow: Snow Flakes (Critical Analysis)
	16.09.24-21.09.24	Robert Frost: Mending Wall(Critical Analysis)
	24.09.24-30.09.24	Edgar Allen Poe: The Raven(Critical Analysis),
October	01.10.24-05-10.24	Revision and Test
	07.10.24-12.10.24	Walt Whitman: A Noiseless Patient Spider (Critical Analysis),
	14.10.24-19.10.24	Emily Dickinson: Because I Could Not Stop For Death (Critical Analysis),
	21.10.24-25.10.24	Revision and Test
	25.10.24-26.10.24	Revision and Test
November	04.11.24-11.11.24	Unit 3: Ernest Hemingway: The Old Man and Sea (Critical

		Analysis
	11.11.24-16.11.24	Revision and Test
	18.11.24-30.11.24	Unit 4: Arthur Miller: Death of a Salesman, Revision and Test
	20.11.24-25.11.24	Revision and Test
December	02.12.24-15.12.24	Revision and Test
	16.12.24 onwards	Final Examination

LESSON PLAN

Session: 2024-25

Class: B.A. B. Ed 7th Sem

Paper: Introductory Micro Economics

Paper Code: ECO 401

Name of the faculty: Ms. Gulnar

Month	Week	Topics to be covered
July	22.07.24-27.07.24	Unit-1 <ul style="list-style-type: none"> • Meaning & Definition of Economics. • Subject matter and scope of Economics
	29.07.24- 31.07.24	<ul style="list-style-type: none"> • Significant of Economics
August	1.08.24- 3.08.24	<ul style="list-style-type: none"> • Question of what, how and for whom to produce and how to distribute outputs.
	5.08.24-10.08.24	<ul style="list-style-type: none"> • Positive and normative Economics. Economic laws
	12.08.24- 17.08.24	Unit-2 <ul style="list-style-type: none"> • Consumer Behaviour
	19.08.24-24.08.24	<ul style="list-style-type: none"> • Concept and need for studying consumer behavior.
	26.08.24-31.08.24	<ul style="list-style-type: none"> • Process and Ethics in consumer research
September	02.09.24-07.09.24	<ul style="list-style-type: none"> • Modal and consumer behavoiur.
	09.09.24-14.09.24	<ul style="list-style-type: none"> • Applications of consumer behavior in marketing Decisions
	16.09.24-21.09.24	Cardinal approach and its criticisms
	23.09.24- 30.09.24	Unit-3 <ul style="list-style-type: none"> • Law of Diminishing Marginal Utility • Law of Demand, Exception to Law of Demand • Law of Equi-Marginal Utility
October	01.10.24- 05.10.24	<ul style="list-style-type: none"> • Indifference curve approach , • Budget Line,Consumer Equilibrium, • Income, Substitution and Price effect

	07.10.24-12.10.24	<ul style="list-style-type: none"> • Breaking up price effect to income and substitution effect, • Comparison between Marginal Utility approach and indifference Curve approach
	14.10.24- 19.10.24	Unit-4 <ul style="list-style-type: none"> • Individual demand and supply schedules and the derivation of market demand and supply; Derivation of market demand and supply
	21.10.24- 26.10.24	<ul style="list-style-type: none"> • Shifts in demand and supply curves; The role of prices in resources allocation; • The concept of elasticity and its application
	28.10.24-03.11.24	Diwali Vacation
November	04.11.24- 09.11.24	<ul style="list-style-type: none"> • Consume surplus;
	11.11.24-16.11.24	<ul style="list-style-type: none"> • producer surplus;
	18.11.24- 23.11.24	<ul style="list-style-type: none"> • Taxes and their efficiency costs
	25.11.24-30.11.24	Revision Revision
December	02.12.24-07.12.24	Revision
	09.12.24-14.12.24	Revision
	16.12.24-31.12.24	Examination

LESSON PLAN

Session: 2024-25

Class: B.A. B.Ed. 7th Sem

Paper: Political Ideologies

Paper Code: POL-401

Name of the faculty Dr. Renu Bala

Month	Week	Topics to be covered
July	22.07.24-24.07.24	Political Ideology: Meaning
	29.07.24-30.07.24	Evolution of Political Ideology
August	05.08.24-10.08.24	Nature of Political Ideology
	12.08.24-17.08.24	TEST
	20.08.24-24.08.24	Liberalism
	27.08.24-31.08.24	Classical Liberalism
September	02.09.24-07.09.24	Modern Liberalism
	09.09.24-14.09.24	Contemporary
	17.09.24-21.09.24	Nature of Political Ideology
	23.09.24-28.09.24	TEST
October	1.10.24-05.10.24	Liberalism
	07.10.24-11.10.24	Nationalism
	14.10.24-19.10.24	Feminism
	21.10.24-26.10.24	Environmentalism
	27.10.24-03.11.24	Contemporary Stream: Gandhian
November	04.11.24-09.11.24	Socialism
	11.11.24-16.11.24	TEST & PRESENTATION
	18.11.24-23.11.24	Marxism
	25.11.24-30.11.24	Democratic Socialism
December	02.12.24-07.12.24	TEST
	09.12.24-14.12.24	REVISION
	16.12.24-31.12.24	EXAMINATION

LESSON PLAN

Session: 2024-25

Class: B.A. B.Ed. 7th Sem

Paper: Population and settlement geography

Paper Code: GEO-401

Name of the faculty: Suman Devi

Month	Week	Topics to be covered
July	22.07.24-24.07.24	Sources of Population data with special reference to India (Census, vital statistics and NSS)
	29.07.24-30.07.24	Population size
August	05.08.24-10.08.24	Distribution and growth
	12.08.24-17.08.24	Theories of growth Malthusian theory
	20.08.24-24.08.24	Fertility, mortality and migration
	27.08.24-31.08.24	Age sex composition
September	02.09.24-07.09.24	Rural and urban composition, literacy
	09.09.24-14.09.24	demographic transition theory
	17.09.24-21.09.24	Revision
	23.09.24-28.09.24- 30.09.24	Basic concepts: rural and urban settlements Rural Urban fringe
October	01.10.24-05.10.24	Rural Settlements: Types and pattern
	07.10.24-11.10.24	Urban Settlements classification and typologies
	14.10.24-19.10.24	Central place theory
	21.10.24-26.10.24	Revision
	27.10.24-03.11.24	Diwali Vacations
November	04.11.24-09.11.24	Rank size rule
	11.11.24-16.11.24	Primate city
	18.11.24-23.11.24	Rock identification
	25.11.24-30.11.24	Test
December	02.12.24-07.12.24	Presentation

	09.12.24-14.12.24	Revision
	16.12.24-31.12.24	Examination

LESSON PLAN

Session: 2024-25

Class: B.A. B.Ed./B.Sc. B.Ed. 1st Sem

Subject: Language skills (English)-I

Paper Code: AEC1(I)

Name of the Faculty: Ms. Riddhima Babbar

Month	Week	Topics to be covered
July	22.07.24-26.07.24	Unit 1: Tenses: Simple Present: Habitual action, General truths, Future time
	27.07.24-31.07.24	Verbs of state, Verbs of perception, Verbs of sensation, Narration
August	1.08.24-05.08.24	Use of simple present for demonstration and commentaries, Present perfect
	06.08.24-12.08.24	Present perfect continuous, Present continuous also indicative of future action
	13.08.24-17.08.24	Past continuous, Past perfect, past Perfect continuous
	20.08.24-24.08.24	Simple past: Past time reference, Present time reference, Future time reference
	27.08.24-31.08.24	Unit 2: Negotiating a point of view – learning to talk persuasively so as to get across one’s perspective
September	02.09.24-07.09.24	Debating on an issue – agreeing / disagreeing
	09.09.24-14.09.24	Unit 3: Note making
	16.09.24-21.09.24	Note- taking
	24.09.24-30.09.24	Summary writing
October	01.10.24-05-10.24	Comprehension Skills
	07.10.24-12.10.24	Extracts from literary
	14.10.24-19.10.24	What are Journals
	21.10.24-25.10.24	Scientific and educational journals
	25.10.24-26.10.24	Scientific and educational journal
November	27.10.24-03.11.24	Diwali vacation
	04.11.24-11.11.24	Unit 4: Advanced Writing Skills
	11.11.24-16.11.24	Writing advertisement
	18.11.24-30.11.24	Writing a project proposal and Writing Resume, sending an application.

	20.11.24-25.11.24	Listening effectively; Talking about one self (likes, dislikes, interests, beliefs, personality traits, ambitions); Expressing an opinion about personal belief on a current issue. (Ability to speak fluently for 3-4 minutes. Focus would be on organized, logical, sequential presentation of thought through spontaneous speech)
December	02.12.24-15.12.24	Revision and Test.
	16.12.24 onwards	Final Examination

LESSON PLAN

Session: 2024-25

Class: B.A. B.Ed./B.Sc. B.Ed. 1st Sem

Subject: AEC Hindi

Paper Code: AEC1(I)

Name of the Faculty: Dr. Gurmeet Kaur

Month	Week	Topics to be covered
July	22.07.24- 26.07.24	Hindi sahitya ka kaal vibhajan aur naamkaran
	27.07.24-31.07.24	Aadikaal ka Naamkaran aur Seema Nirdharan
August	01.08.24-05.08.24	Aadikaal ki paristhitiyan,Pravritiyan
	06.08.24-12.08.24	Bhaktikaalin sahitya ka parichay paristhitiyan or Pravritiyan
	13.08.24-17.08.24	Santkavyadhara kavyadhara ka parichay
	20.08.24-25.08.24	Suphykavyadhara kavyadhara ka parichay
	27.08.24-31.08.24	Raamkavyadhara aur krishan kavyadhara ka parichy
September	02.09.24-07.09.24	Krishan kavyadhara ka parichy
	09.09.24-14.09.24	Swatantratapurva Hindi Kahani Ka Vikas Chandradhar Sharma Guleri- Usne Kaha Tha
	17.09.24-21.09.24	Jayshankar Prasad- Puraskar
	23.09.24-30.09.24	Premchand- Panch Parmeshwar Jainendra- Ek Raat
October	01.10.24-05.09.24	Swatantrayottar Hindi Kahani Ka Vikas
	07.10.24-12.10.24	Mohan Rakesh- Uski Roti
	14.10.24-19.10.24	Kamleshwar- Dilli Mein ek Maut
	21.10.24-26.10.24	Phanishwar Nath Renu- Teesari Kasam Chif ki Dawat -Bhisham Sahni
	27.10.24-03.11.24	Diwali Vacations
November	04.11.24-09.11.24	Group Discussion [Samooch Charcha]
	11.11.24-16.11.24	Introduction- Lecture Definition, Characteristics, Types of Discussion
	18.11.24-23.11.24	Round table, Symposium forum etc
	25.11.24-30.11.24	Relevance of Group Discussion

LESSON PLAN

Session: 2024-25

Class: B.A. B.Ed./B.Sc. B.Ed. 1st Sem

Subject: ICT IN Education-I

Paper Code: AEC2(I)

Name of the Faculty: Ms. Madhu Gupta

Month	Week	Topics to be covered
July	25.07.24-31.07.24	How technology enhance learning: Basic theories of communication, system theory and learning theory, historical account of the development of various educational media (audio, video, print, storage, display, projection)
August	01.08.24-10.08.24	Communication process and role of technology in communication, Information and Communication Technology: Meaning, nature and advantages
	12.08.24-17.08.24	Media literacy and digital literacy-need and importance, Digital divide and enhancing access, National ICT policies, curriculum, Schemes and programmes
	19.08.24-24.08.24	Cyber security: privacy, hacking, Virus, spy ware, misuse, abuse, antivirus, firewall, and safe and ethical practices
	26.08.24-31.08.24	Computer hardware fundamentals (Anatomy, input devices, output devices, Storage devices, display devices)
September	02.09.24-07.09.24	Computer Networks-LAN, WAN, Internet –concept and architecture; Locating internet resources – browsing, navigating, searching, selecting, evaluating, saving and book marking
	09.09.24-14.09.24	Licenses – software license, document license, fare use and privacy; File formats and conversion, utility tools.
	16.09.24-21.09.24	Cloud Computing: meaning, types, and advantages Digitalization, Software- meaning and types
	23.09.24-30.09.24	Source and binary code, Proprietary software, open-source software Shareware and freeware – concept, philosophy, types, and advantages Operating system - meaning, types- Windows, Linux, Macintosh
October	1.10.24-05.10.24	Navigating the desktop, control panel, file manager, explorer, and accessories Software as Service
	7.10.24-17.10.24	Online software tools and applications and their educational use Managing the ICT infrastructure:
	18.10.24-24.10.24	Software installation, troubleshooting of hardware seeking and providing help, storage and backup, updating and upgrading software, Application software- meaning and types

	25.10.24-26.10.24	Word processing, spreadsheet, presentation: Features and educational applications (Unicode) Drawing tools- Diagram, concept maps, timelines, flow
	27.10.24-03.11.24	Diwali Vacations
November	04.11.24-09.11.24	charts: educational applications of these tools Web 2.0 Technology and tools: meaning, characteristics and types
	11.11.24-16.11.24	Social networking and social bookmarking- educational applications
	18.11.24-30.11.24	Blog and micro blog – reflective journaling and other educational applications
December	02.12.24-07.12.24	Web 2.0 tools for creating, sharing
	09.12.24-14.11.24	Wiki- collaborative authoring and projects, Instant messaging and its educational applications.
	15.12.24-31.12.24	Examination

LESSON PLAN

Session: 2024-25

Class: B.Sc. B.Ed. 1st Sem

Subject: Relativity, Mechanics, Oscillations & Acoustics Paper Code: PHY 101

Name of the Faculty: Ms. Loveleen

Month	Week	Topics to be covered
July	22.07.24-26.07.24	Reference systems, inertial and non-inertial frames, Galilean transformation, Galilean invariance and conservation laws, propagation of light.
	27.07.24-31.07.24	Michelson – Morley experiment. Postulates of the special theory of relativity, Lorentz transformations, length contraction.
August	01.08.24-05.08.24	velocity addition theorem, variation of mass with velocity, massenergy equivalence, particle with a zero-rest mass.
	06.08.24-12.08.24	Motion under central force, Kepler’s laws, Gravitational law and field, Potential due to a spherical body, Gauss and Poisson equations for gravitational potential.

	13.08.24-17.08.24	Gravitational self-energy, Rigid body motion, Rotational motion, Moment of inertia and their products.
	20.08.24-24.08.24	Principal moments and axes, Euler’s equations. System of particles, centre of mass, equation of motion, single stage and multistage rocket, energy and momentum conservation, concepts of elastic and inelastic collisions.
	27.08.24-31.08.24	Potential well and periodic oscillations, cases of harmonic oscillations, different equations and its solutions, Kinetic and potential energy.
September	02.09.24-07.09.24	Simple Harmonic oscillations in – Spring and mass system, Simple and compound pendulum, Torsional pendulum.
	09.09.24-14.09.24	Bifilar oscillations, Helmholtz resonator, LC circuits, Vibration of a magnet.
	16.09.24-21.09.24	Oscillation of two masses connected by a spring, Superposition of two mutually perpendicular simple harmonic vibrations of same frequency, Lissajou’s figures.
	24.09.24-30.09.24	Tests
October	01.10.24-05.10.24	Two coupled oscillators, normal modes, N-coupled oscillators, damped harmonic oscillators, Power dissipation.
	07.10.24-12.10.24	Quality factor, Driven harmonic oscillator, Transient and steady state, Power absorption, Resonance in system with many degrees of freedom.

	14.10.24-19.10.24	Noise and Music, The human ear and its responses, limits of human audibility, intensity and loudness.
	21.10.24 -25.10.24	Bel and decibel, the musical scale, temperament and musical instruments, Production and detection of ultrasonic and infrasonic waves and applications.
	27.10.24 -03.11.24	Diwali vacations
November	04.11.24 – 09.11.24	Waveforms
	11.11.24 – 16.11.24	Transducers and their characteristics, recording and reproduction of sounds, various systems, measurements of frequency.
	18.11.24 – 23.11.24	Ultrasonic waves intensity and velocity acoustics of halls.
	25.11.24 – 30.11.24	Test & Reverberation period
December	02.12.24 –15.12.24	Revision and Tests.
	16.12.24 -31.12.24	Examination

LESSON PLAN

Session: 2024-25

Class: B.Sc. B.Ed. 1st Sem

Subject: Botany- Diversity of Microbes & Lower Plants Paper Code: 101

Name of the Faculty: Ms. Sakshi

Month	Week	Topics
July	22.07.24-27.07.24	Unit I- Viruses and Bacteria: Introduction to viruses and bacteria
	29.07.24- 31.07.24	Structure, multiplication of viruses
August	1.08.24- 3.08.24	Transmission and disease symptoms of viruses Structure and economic importance of Mycoplasma
	5.08.24-10.08.24	Bacteria: Structure, Nutrition, Reproduction
	12.08.24- 17.08.24	Economic Importance of Bacteria and Gram's staining, Revision
	19.08.24-24.08.24	General account and economic importance of Cyanobacteria.
	26.08.24-31.08.24	Study of Spirulina, Nostoc
September	02.09.24-07.09.24	Study of Oscillatoria
	09.09.24-14.09.24	Revision, Oral Testing of Unit- I Unit II- Algae: General account of occurrence, structure, thallus organisation, reproduction, economic importance and classification
	16.09.24-21.09.24	Study of the structure, reproduction and life- cycle of: Chlorophyceae: Chlamydomonas, Volvox
	23.09.24- 30.09.24	Oedogonium Phaeophyceae: Sargassum Rhodophyceae: Polysiphonia, Batrachospermum
October	01.10.24- 05.10.24	Bacillariophyceae: General account, structure and reproduction of diatom, economic importance.
	07.10.24-12.10.24	Unit III- Fungi: General account of occurrence, structure, thallus organisation, reproduction, economic importance and classification, Plant pathology
	14.10.24- 19.10.24	Study of the structure, reproduction and life- cycle of: Phycomycetes- Albugo, <i>Phytophthora</i>
	21.10.24- 26.10.24	Ascomycetes- Yeast and Penicillium Myxomycetes- Stemonitis
	28.10.24-03.11.24	Diwali Vacation
November	04.11.24- 09.11.24	Unit IV- Lichens: Basidiomycetes: Puccinia
	11.11.24-16.11.24	Agaricus
	18.11.24- 23.11.24	Alternaria Revision

	25.11.24-30.11.24	Oral or written test Revision Deuteromycetes: Cercospora, Colletotrichum
		Lichens- General account, characters, distribution, types
		Structure, reproduction and economic importance of Lichens.
December	02.12.24-07.12.24	Revision
	09.12.24-14.12.24	Revision
	16.12.24-31.12.24	Examination

LESSON PLAN

Session: 2024-25

Class: B.Sc. B.Ed. 1st Sem

Subject: Inorganic Chemistry

Paper Code: 101

Name of the Faculty: Ms. Ramandeep Kaur

Month	Week	Topics to be covered
July	22.07.24-26.07.24	Atomic structure: Idea of de-Broglie matter waves. Heisenberg uncertainty principle.
August	5.08.24-07.08.24	Quantum numbers, radial and wave functions and probability distribution curves shapes of s, p, d and f
	12.08.24-14.08.24	Aufbau and pauli exclusion principles hund's multiplicity, effective nuclear charge, Periodic properties.
	19.08.24-21.08.24	Atomic and ionic radii, Ionisation energy, electron affinity and trends in periodic table.
September	02.09.24-04.09.24	Chemical bonding and ionic solids Structure and bonding: Covalent bond –Valence bond theory and its limitations
	09.09.24-11.09.24	(VSEPR) theory and Ionic solids – structures and radius ratio effect
	16.09.24-18.09.24	Coordination number limitation of radius ratio rule, lattice defects.
October	01.10.24-03.10.24	Acids and bases and solvent system Theories of acids and bases: Arrhenius, Bronsted
	06.10.24-09.10.24	Lowery, Lux –flood, solvent system and lewis concept of acids and bases
	10.10.24-12.10.24	Concept of hard bases and soft bases (HSAB) solvent system and solvent system and chemistry of s-block.
November	27.10.24-03.11.24	Diwali vacation
	11.11.24-13.11.24	Chemistry of p-block Physical properties of p-block elements.
	14.11.24-18.11.24	Hydrides of p-block
	18.11.24-24.11.24	Noble gases
	25.11.24-27.11.24	Previous questions discussion
December	02.12.24-15.12.24	Revision and Test.
	16.12.24 onwards	Final Examination

LESSON PLAN

Session: 2024-25

Class: B.Sc. B.Ed. 1st Sem

Subject: Basics in Education

Paper Code: PEBE 101

Name of the Faculty: Mrs. Karamjit Kaur

Month	Week	Topics to be covered
July	22.07.24-26.07.24	Meaning, Nature, Purpose and Importance of Education
	27.07.24-31.07.24	Education as a purpose of development (individual, social and harmonious). Education as an intentional (intellectual and self- critical) and unintentional.
August	01.08.24-05.08.24	Agencies of education: Family, Society and Institute
	06.08.24-12.08.24	Processes and Modes of Education: Education is a natural and social process.
	13.08.24-17.08.24	Education as an ability to question and imagine alternatives. Education in schools and its linkage with outside school experience
	20.08.24-25.08.24	Knowledge and Knowing Concept, Meaning and Nature of Knowledge and Knowing.
	27.08.24-31.08.24	Differentiate between information, knowledge, belief and truth. Limitation of knowing culture Test
September	02.09.24-07.09.24	Differentiate between information, knowledge, belief and truth.

		Knowledge construction, Process of Construction of Knowledge
	09.09.24-14.09.24	Knowing Process: Different ways of knowing. Relative roles of knower and known in knowledge transmission Test
	17.09.24-21.09.24	Facets of knowledge: Different facets of knowledge and relationship, local and universal, concrete and abstract, theoretical and practical, contextual and textual, Education and Values Concept and nature of values- Relative and absolute.
	25.09.24-30.09.24	School and out of school with an emphasis on understanding special attributes of school knowledge

October	01.10.24-05-10.24	Education and Values Concept and nature of values- Relative and absolute. Education with reference to human rights and values. Values prevalent in Indian Constitution and society
	07.10.24-12.10.24	Reflection on knowledge in the form of curriculum, syllabus and textbooks.
	14.10.24-19.10.24	Difference between autonomy and freedom. Teacher's autonomy and its importance in enriching learning environment. Autonomy of learner- why, what and to what extent, Restrains on learners in schools.
	21.10.24-26.10.24	Relationship between autonomy and accountability. Autonomy of learner- why, what and to what extent, Restrains on learners in schools. Learning without burden And Joyful, Collaborative and cooperative learning. Individual autonomy and collective responsibility of teacher and learner Test
	27.10.24-03.11.24	Diwali Vacations
	06.10.24-10.11.24	Education is a normative endeavour. Process of value formations in schools and out of schools and its impact on learners' value perspective.
November	4.11.24-9.11.24	School and out of school with an emphasis on understanding special attributes of school knowledge. Revision And Test
	11.11.24-16.11.24	Hindering factors that affect teacher's autonomy.
	18.11.24-23.11.24	Revision And Test
	25.11.24-30.11.24	Autonomy of Teacher and Learner Autonomy of teacher- why, what and to what extent
December	02.12.24-9.12.24	Revision And Test Knowledge construction, Process of Construction of Knowledge
	11.12.24-15.12.24	Difference between autonomy and freedom. Teacher's autonomy and its importance in enriching learning environment.

LESSON PLAN

Session: 2024-25

Class: B.Sc. B.Ed. 1st Sem

Subject: Work Education (Agriculture Practice)

Paper Code: WEAP 101

Name of the Faculty: Mrs. Mitu Nagpal

Month	Week	Topics
July	22.07.24-27.07.24	Unit-1 Agriculture: Meaning, Definition, Scope of Agriculture
	29.07.24-31.07.24	History of Agriculture
August	1.08.24- 3.08.24	Branches of Agriculture
	5.08.24-10.08.24	Objectives of Agriculture
	12.08.24-17.08.24	Revision of Unit
	19.08.24-24.08.24	Unit-2 Soil Science: Definition of Paedology
	26.08.24-31.08.24	Soil Management, Soil Erosion
September	02.09.24-07.09.24	Soil Conservation
	09.09.24-14.09.24	Practices Structure of Soil
	16.09.24-21.09.24	Soil Profile; Soil Fertility and Productivity
	23.09.24- 30.09.24	Essential Plant Nutrients
October	01.10.24- 05.10.24	Fertilizers And Manures Including Bio fertilizers. Identification of Manures and Fertilizers
	07.10.24-12.10.24	Revision of Unit
	14.10.24- 19.10.24	Unit 3: Irrigation: Definition
	21.10.24- 26.10.24	Method of Irrigation
	28.10.24-03.11.24	Diwali Vacations
November	04.11.24- 09.11.24	Horticulture: Definition, Branches of Horticulture
	11.11.24-16.11.24	Layout of Orchards, Propagation by Seeds And by Vegetative Means
	18.11.24- 23.11.24	Pot Filling Technique; Planning, Planting and Maintaining, Lawn; Practice Related to Landscaping
	25.11.24-30.11.24	Unit 4: Agricultural Practices: Preparation of Land, Selection of Seeds, Watering, Thinning
December	02.12.24-07.12.24	Hoeing And Weeding, Harvesting of Crop
	09.12.24-14.12.24	Identification of Important Agricultural Tools, Trees and Crop Plants. Minor Project Preparation on Agriculture
	16.12.24-31.12.24	Examination

LESSON PLAN

Session: 2024-25

Class: B.Sc. B.Ed./B.A. B.Ed. 3rd Sem

Subject: Env Edu. & Sustainable Development Paper Code: GCEE 201

Name of the Faculty: Dr. Manju Yadav

Month	Week	Topics
July	22.07.24-27.07.24	Importance need and scope of Environmental Conservation and Regeneration
	29.07.24-31.07.24	Structure and functions of different ecosystems
August	1.08.24- 3.08.24	India as a mega biodiversity nation
	5.08.24-10.08.24	Role of individual in conservation of natural resources: water, energy
	12.08.24- 17.08.24	Role of individual in conservation of natural resources: food,
	19.08.24-24.08.24	Equitable uses of resources for sustainable livelihoods
	26.08.24-31.08.24	Environmental legislation: awareness and issues involved in enforcement.
September	02.09.24-07.09.24	Community participation in natural resource management- water, forests
	09.09.24-14.09.24	Environmental conservation, Deforestation in the context of tribal life, Sustainable land use management
	16.09.24-21.09.24	Traditional knowledge and biodiversity conservation
	23.09.24- 30.09.24	Biodiversity conservation, Test, Developmental projects including Government initiatives and their impact on biodiversity conservation
October	01.10.24- 05.10.24	Practices in Environment Management, Consumerism and waste generation and its management
	07.10.24-12.10.24	Sustainable Environment in Globalworld , Environmental conservation in the globalised world.
	14.10.24- 19.10.24	Alternative sources of energy, Impact of industry/mining/transpo on environment, Sustainable use of forest produces
	21.10.24- 26.10.24	Impact of natural disaster/man-made disaster on environment,
	28.10.24-03.11.24	Diwali Vacation
November	04.11.24- 09.11.24	Biological control for sustainable agriculture, Heat production and greenhouse gas emission
	11.11.24-16.11.24	Environmental degradation and its impact on the health of people, how degradation affect our environment
	25.11.24-30.11.24	Biomedical waste management, health types of wastes, how biomedical waste affect our environment and human
December	02.12.24-07.12.24	Revision
	09.12.24-14.12.24	Revision

LESSON PLAN

Session: 2024-25

Class: B.Sc. B.Ed./B.A. B.Ed. 3rd Sem

Subject: Yoga, Health & Well Being

Paper Code:

Name of the Faculty: Ms. Priyanka

Month	Week	Topics to be covered
July	22.07.24-26.07.24	Concept of health, importance, dimensions and determinants of health
	27.07.24-31.07.24	Needs of children and adolescents including differently abled children.
August	1.08.24-05.08.24	Understanding of the body system – skeleton, muscular
	06.08.24-12.08.24	Respiratory circulatory and digestive in relation to health.
	13.08.24-17.08.24	Common health problems
	20.08.24-24.08.24	Diseases- causes, prevention and cure, Immunization
	27.08.24-31.08.24	First aid
September	02.09.24-07.09.24	Food - habits, hygiene, diseases and their prevention, Safety, security and physical fitness
	09.09.24-14.09.24	Food and nutrition, food habits, nutrients and their functions
	16.09.24-21.09.24	Preservation of food value during cooking, indigenous
	24.09.24-30.09.24	Modern ways of preserving food
October	01.10.24-05-10.24	Practices related to food hygiene
	07.10.24-12.10.24	Malnutrition, obesity, food and waterborne diseases
	14.10.24-19.10.24	Deficiency diseases and prevention
	21.10.24-25.10.24	Safety from snake and dog bites, animal attacks, prevention and treatment
	25.10.24-26.10.24	Physical fitness, strength, endurance and flexibility, its components, sports skills and self- defence activities
November	27.10.24-03.11.24	DIWALI VACATION
	04.11.24-11.11.24	Athletics and Games
	11.11.24-16.11.24	Athletics – general physical fitness exercises
	18.11.24-30.11.24	Games – lead up games, relays and major games Health services, policies and health and physical education related programmes, blood banks and role of media Revision and Test

	20.11.24-25.11.24	Rhythmic activities, gymnastics and their impact on health. Revision and Test Yogic practices – importance of yoga, yogasanas and pranayamas. Role of institutions in developing healthy individuals- family, school and sports Revision and Test
December	02.12.24-15.12.24	Safety and security – disasters in and outside schools, ways of prevention
	16.12.24 onwards	Examination

LESSON PLAN

Session: 2024-25

Class: B.Sc. B.Ed. 3rd Sem

Subject: Electrodynamics

Paper Code: PHY 201

Name of the Faculty: Ms. Loveleen

Month	Week	Topics to be covered
July	22.07.24- 26.07.24	Coulomb's law, calculations of E for simple distributions of charges at rest, dipole and quadrupole fields, Conservative nature of the electrostatic field, Electric potential, Relation between electric field and electric potential
	27.07.24-31.07.24	Torque on a dipole in a uniform electric field and its energy , Work done on a charge in an electrostatic field
August	01.08.24-05.08.24	Flux of the electric field, Stoke's law, Electrostatic field, Gauss's law and its application for finding E for symmetric charge distributions, Gaussian pillbox, Fields at the surface of conductor, Screening of E field by a conductor, capacitors, electrostatic field energy

	06.08.24-12.08.24	Force per unit area of the surface of conductor in an electric field, conducting sphere in a uniform electric field, Polarization, Point charge in front of a grounded infinite conductor, Dielectrics, Parallel plate capacitor with a dielectric
	13.08.24-17.08.24	Boundary conditions satisfied by E and D at the interface between two homogenous dielectrics, illustration through simple example
	20.08.24-24.08.24	Steady current, current-density J, non-steady currents and continuity equation
	27.08.24-31.08.24	Kirchoff's law and analysis of multi loop circuits, rise and decay of current in LR and CR circuits, Decay constants, Dielectric constant, Transients in LCR circuits
September	02.09.24-07.09.24	AC circuits, complex numbers and its application in solving AC circuit problems, Complex impedance and reactance,
	09.09.24-14.09.24	Measurement of capacitance using impedance at different frequencies, series and parallel resonance, Q factor, Power consumed by an AC circuit, Power factor, Y and π networks and transmission of electric power. Q factor, Power consumed by an AC circuit
	16.09.24-21.09.24	Magneto statics, Force on a moving charge: Lorentz force, equation and definition of B

	24.09.24-30.09.24	Force on a straight conductor carrying current in a uniform magnetic field, Torque on a current loop
October	01.10.24-05.09.24	Velocity selector, its resolution Response curve for LCR circuit and resonance frequency, quality factor , Magnetic Fields in Matter
	07.10.24-12.10.24	Biot-Savart law, Calculation of H in simple geometrical situations
	14.10.24-19.10.24	Ampere's Law, the divergence and curl of B field due to a magnetic dipole, magnetization current, magnetization vector, magnetic permeability (linear cases)
	21.10.24-25.10.24	Interpretation of a bar magnet as a surface distribution of solenoidal current, the field of a magnetized object, Reflection and Refraction by the ionosphere, Wave in conducting medium.
	27.10.24-03.11.24	Diwali vacations
November	04.11.24-09.11.24	Tests
	11.11.24-16.11.24	Plane electromagnetic wave in vacuum, Wave equation for E and B of linearly, Circularly and elliptically polarized electromagnetic waves, Poynting vector
	18.11.24-23.11.24	Tests (AC Circuits)
	25.11.24-30.11.24	Reflection and Refraction at a plane boundary of dielectrics, Polarization by Reflection and total internal Reflection, Faraday effect
December	02.12.24-15.12.24	Revision and Test
	16.12.24– 31.12.24	Examination

LESSON PLAN

Session: 2024-25

Class: B.Sc. B.Ed. 3rd Sem

Name of the Faculty: Ms. Shashi

Paper Code: 201

Subject: Gymnosperms & Reproductive Biology in flowering plants

Month	Week	Topics to be covered
July	22.07.24-27.07.24	Unit I: Morphology and Anatomy of Gymnosperms: General characters of Gymnosperms, Affinities, Economic Importance, Classification of Gymnosperms
	29.07.24- 31.07.24	Cycadopsida - Cycas- Morphology and Anatomy
August	1.08.24- 3.08.24	Cycas- Reproduction
	5.08.24-10.08.24	Coniferopsida- Pinus- Morphology Pinus – Anatomy
	12.08.24- 17.08.24	Pinus- Anatomy and Reproduction
	19.08.24-24.08.24	Gnetopsida- Ephedra – Morphology and Anatomy
	26.08.24-31.08.24	Ephedra- Reproduction and Revision
September	02.09.24-07.09.24	Unit II: Flower-Structure,morphology, embryological perspective
	09.09.24-14.09.24	Microsporangium – Development of wall layers, tapetum types, microsporogenesis, tetrad types
	16.09.24-21.09.24	Male gametophyte – Development and structure; vegetative and generative cells; male gametes
	23.09.24- 30.09.24	Mega sporangium (ovule): Development, types, mega sporogenesis and tetrad types.
October	01.10.24- 05.10.24	Female gametophyte: Development, ultra structure, mono, bi and tetrasporic embryo sacs
	07.10.24-12.10.24	Unit III: Reproduction in Gymnosperms Pollination and fertilization: Definitions, types of pollination
	14.10.24- 19.10.24	Pollen-pistil interaction, self-incompatibility double fertilization
	21.10.24- 26.10.24	Endosperm: Definition, types – cellular, nuclear and helobial; endo spermhaustoria Embryo: Classification, types, development of Crucifertype
	28.10.24-03.11.24	Diwali Vacations
November	04.11.24- 09.11.24	Unit IV- Angiosperm Embryology- Fruit and seed: Development, structure of monocot and dicot seeds, dispersal mechanisms, importance
	11.11.24-16.11.24	Fruits- Types, classification with examples
	18.11.24- 23.11.24	Origin and evolution of Angiosperms, Fossil Angiosperms

	25.11.24-30.11.24	Brief account of anther/ pollen culture, endosperm, embryo and protoplast culture, Applications of tissue culture
December	02.12.24-07.12.24	Revision
	09.12.24-14.12.24	Revision
	16.12.24-31.12.24	Examination

LESSON PLAN

Session: 2024-25

Class: B.Sc. B.Ed. 3rd Sem

Subject: Organic Chemistry

Paper Code: CHM 201

Name of the Faculty: Mrs. Ramandeep Kaur

Month	Week	Topics to be covered
July	22.07.24-24.07.24	Stereochemistry of organic compounds, types of isomerism
	27.07.24-29.07.24	Chirality, Enantiomers, Geometric Isomerism, Steriogeniccentre, Conformational Isomerism
August	01.08.24-03.08.24	Newman projection and sawhorse formula
	08.08.24-10.08.24	Fischer and flying wedge formula
	14.08.24-16.08.24	Difference between configuration and conformation
	20.08.24-22.08.24	Mechanism of organic reaction – Inductive effect
	26.08.24-29.08.24	Types of organic reaction
September	02.09.24-03.09.24	Hyper conjugation, Carbocations
	06.09.24-10.09.24	Carbanions
	12.09.24-14.09.24	Free radicals
	19.09.24-21.09.24	Isotopic effects
	26.09.24-28.09.24	Naming reactions
October	10.10.24-12.10.24	Chemistry of cycloalkanes
	17.10.24-19.10.24	Cycloalkenes and Cycloalkadienes
	25.10.24-26.10.24	Arenes and Aromaticity
November	27.10.24-03.11.24	Diwali vacation
	07.11.24-09.11.24	Nomenclature and classification of alkyl halides
	11.11.24-16.11.24	Methods of formation
	21.11.24-23.11.24	Chemical reactions, Elimination reactions
December	0.12.24-08.12.24	Previous questions discussion

LESSON PLAN

Session: 2024-25

Class: B.Sc. B.Ed. 3rd Sem

Subject: Animal Cell biology & Genetics

Paper Code: 201

Name of the Faculty: Ms. Saloni

Month	Week	Topics
July	22.07.24-27.07.24	UNIT 1: CELL -Introduction to cell: Discovery, Characteristics of prokaryotic (Bacterial) and eukaryotic cells (plant and animal cells), cell theory, viruses and viroids.
	29.07.24- 31.07.24	Cell membrane, Ultra structure, chemical composition, models, unit membrane concept, fluidity, glycocalyx, and functions of the cell membrane.
August	1.08.24- 3.08.24	Transport across cell membrane, Passive transport (osmosis, diffusion), facilitated diffusion; active transport (primary and secondary) and endocytosis and exocytosis.
	5.08.24-10.08.24	Mitochondria, ultra structure, chemical composition, function , origin.
	12.08.24- 17.08.24	Electron transport chain and generation of ATP molecule
	19.08.24-24.08.24	Nucleus occurrence, number, shape, size and structure (nuclear envelopes, nuclear matrix and nucleolus)
	26.08.24-31.08.24	UNIT 2: CELL ORGANELLE -Ultra structure, types, chemical composition and functions of a) ER and Golgi complex b) Lysosomes, Ribosomes c) Centrioles d) Cilia and Flagella
September	02.09.24-07.09.24	Chromosomes: Introduction, structure, types, chemical composition and function. Chromosomal organisations, Nucleosomes concepts, Euchromatin, heterochromatin.
	09.09.24-14.09.24	UNIT 3: CELL CYCLE AND DIVISION -Cell reproduction: cell cycle and significance of mitosis and meiosis. Regulation of cell cycle.
	16.09.24-21.09.24	Mendelian principles of inheritance: monohybrid and dihybrid cross, back cross and test cross and deviation of Mendelism- incomplete dominance, co-dominance with example.
	23.09.24- 30.09.24	Gene interactions: Epistasis, complementary, supplementary, duplicate genes. Multiple alleles: Characters, examples pseudoalleles, inheritance of A, B, AB, O and Rh blood groups (antibody reaction)

October	01.10.24- 05.10.24	UNIT 4: GENETICS- Chromosomal mutation-chromosomal number variation, structural changes, Sex determination: Genetic (sex chromosomes, genetic balance and haplo-diploidy mechanism)
	07.10.24-12.10.24	Hormonal and environmental control of sex determination with examples.
	14.10.24- 19.10.24	Linkage: Definition, difference between linkage and independent assortment.
	21.10.24- 26.10.24	Chromosomal theory of linkage, kinds, linkage groups and significance.
	28.10.24-03.11.24	Diwali Vacation
November	04.11.24- 09.11.24	Sex linked inheritance: White eyes colour in <i>Drosophila</i> .
	11.11.24-16.11.24	Colour blindness and haemophilia in man.
	18.11.24- 23.11.24	Crossing over: Definition, mechanism, theories, kinds, frequency, factors affecting crossing over and significance.
	25.11.24-30.11.24	Theories, kinds, frequency of crossing over.
		Factors affecting crossing over and significance
	Test	
December	02.12.24-07.12.24	Revision
	09.12.24-14.12.24	Revision
	16.12.24-31.12.24	Examination

LESSON PLAN

Session: 2024-25

Class: B.Sc. B.Ed. 3rd Sem

Subject: Linear Algebra

Paper Code: MTH 201

Name of the Faculty: Ms. Deepshikha Jain

Month	Week	Topics to be covered
July	22.07.24-27.07.24	Unit-1 Matrices determinants, Basic properties of determinants, Co-factor expansion
	29.07.24- 31.07.24	Elementary matrices, invertible matrices
August	1.08.24- 3.08.24	System of linear equations
	5.08.24-10.08.24	Gauss elimination method, Gauss-Jordan method for finding inverse of a matrix
	12.08.24- 17.08.24	Vector spaces & Subspaces
	19.08.24-24.08.24	Linear dependence and Linear independence of vectors
	26.08.24-31.08.24	Basis and Dimension, Finite dimensional vector space- some properties
September	02.09.24-07.09.24	Quotient spaces, Homomorphism of vector spaces
	09.09.24-14.09.24	Isomorphism of vector spaces, Direct sum
	16.09.24-21.09.24	Inner product spaces
	23.09.24- 30.09.24	Euclidean vector spaces, Distance, Length, Properties
October	01.10.24- 05.10.24	Orthogonal vectors, Gramm Schmidt Orthogonalisation Process
	07.10.24-12.10.24	Orthogonal Complement.
	14.10.24- 19.10.24	Matrices of linear transformations, Change of basis and the effect of associated matrices
	21.10.24- 26.10.24	Kernal and Image of a Linear transformation Rank Nullity theorem
	28.10.24-03.11.24	Diwali Vacations
November	04.11.24- 09.11.24	Singular and Nonsingular linear transformations Elementary matrices and transformations
	11.11.24-16.11.24	Similarity, Eigen values, Eigen Vectors Diagonalisation
	18.11.24- 23.11.24	Characteristic polynomial, Cayley-Hamilton theorem, Minimal polynomial.
December	25.11.24-30.11.24	Quadratic curves, Surfaces, Spheres, Cylinder
	09.12.24-14.12.24	Hyperboloid, Paraboloid
	16.12.24-31.12.24	Examination

LESSON PLAN

Session: 2024-25

Class: B.Sc. B.Ed./B.A. B.Ed. 3rd Sem

Subject: Schooling, Socialization & Identity Paper Code: PESS 201

Name of the Faculty: Dr. Gurmeet Kaur

Month	Week	Topics
July	22.07.24-26.07.24	Understanding the nature and processes of socialization
	27.07.24-31.07.24	At home: family as a social institution; impact of parenting style
August	01.08.24-05.08.24	Child rearing practices; transmission of parental expectations and values
	06.08.24-12.08.24	In the community: neighbourhood, extended family, religious group and their socialization functions
	13.08.24- 17.08.24	At school: impact of entry to school; school as a social institution; value-formation in the context of schooling
	20.08.24-24.08.24	Gender and religion
	27.08.24-31.08.24	Determinants of identity formation in individuals and groups: such as caste, class
September	02.09.24-07.09.24	The influence of peer group, media messages, technology
	09.09.24-14.09.24	Globalization on identity formation in contemporary Indian society
	17.09.24-21.09.24	Schooling as a process of identity formation: ascribed, acquired and evolving
	24.09.24- 30.09.24	Potential role of school in developing national identity
October	01.10.24- 05.10.24	Potential role of school in developing secular and humanistic identities
	07.10.24-12.10.24	Expanding human activities and relations
	14.10.24- 19.10.24	Decreasing unhealthy competition, uncertainty and insecurities and the resultant identity conflicts
	21.10.24- 25.10.24	Indian concept of ‘vasudhaiva kutumbakam’
	28.10.24-03.11.24	Diwali Vacation
November	04.11.24- 09.11.24	Indian concept of ‘sarvadharm sambhava’
	11.11.24-16.11.24	Reflections on one’s own aspirations and efforts in becoming a ‘teacher’
	18.11.24-23.11.24	Evolving an identity as a teacher, which is progressive and open to re-construction
	25.11.24-30.11.24	Teachers’ professional identity and Teachers’ professional ethics
December	02.12.24-14.12.24	Revision and Test

LESSON PLAN

Session: 2024-25

Class: B.Sc. B.Ed. 3rd Sem

Subject: Guidance & Counselling in School

Paper Code: CBCED-I-201

Name of the Faculty: Ms. Karamjit Kaur

Month	Week	Topics to be covered
July	22.07.24-26.07.24	Guidance: Meaning, Nature & Functions, Principles
	27.07.24-31.07.24	Vocational Guidance – Meaning and need at Secondary level. Personal Guidance – Meaning and need at Secondary level
August	01.08.24-05.08.24	Meaning, Nature and Functions of Counseling, Theories of Counselling
	06.08.24-12.08.24	Theory of Self Rogers, Rational Emotive Behaviour
	13.08.24-17.08.24	Types of Counselling: Directive, Non directive, Eclectic.
	20.08.24-25.08.24	Tests: Aptitude, Attitude,
	27.08.24-31.08.24	Interest
September	02.09.24-07.09.24	Achievement tests
	09.09.24-14.09.24	Personality, IQ and Emotional,
	17.09.24-21.09.24	Techniques used in guidance: Questionnaire
	23.09.24-30.09.24	Dealing with depression and academic stress (with regard to their identification and intervention). Guidance Implication in (Current Indian scenario
October	01.10.24-05.10.24	Skills in Counselling (Listening, Questioning, Responding, Communicating
	07.10.24-14.10.24	Role of Teacher as a counsellor and professional ethics associated with it.
	14.10.24-19.10.24	Career Counselling and Dissemination of Occupational Information
	21.10.24-26.10.24	Need of Guidance at various stages of life
	27.10.24- 3.11.24	Diwali Vacations
November	04.11.24-9.11.24	Types of Guidance: Educational Guidance – Meaning and need at Secondary level
	11.11.24-16.11.24	Process of Counselling (Initial disclosure, in depth exploration and commitment to action).
	18.11.24-23.11.24	Mental ability, Intelligence etc.
	25.11.24-30.11.24	Interview schedule, Case study, Diary & Autobiography. Professional efficacy and interest
December	01.12.24-02.12.24	Education and Guidance
	04.12.24-10.12.24	Revision test

LESSON PLAN

Session: 2024-25

Class: B.Sc. B.Ed. 5th Sem

Subject: Kinetic Theory & Thermodynamics

Paper Code: PHY 301

Name of the Faculty: Dr. Darshan Lal

Month	Week	Topics to be covered
July	22.07.24-26.07.24	Unit I: Ideal and real gas Ideal gas: kinetic model, deduction of boyle's law, interpretation of temperature, estimation of rms speeds of molecules.
	27.07.24 -31.07.24	Brownian motion, estimate of the Avogadro number, equipartition of energy, specific heat of monoatomic gas, extension to di- and triatomic gases.
August	01.08.24-05.08.24	Behavior at low temperatures, adiabatic expansion of an ideal gas, applications to atmospheric physics
	06.08.24-12.08.24	Real gas: Van der Waals' equation of state, nature of Van der Waals' forces, comparison with experimental P-V curves, the critical constants, gas and vapour.
	13.08.24-17.08.24	Joule expansion of ideal gas and of a Van der Waals' gas, Joule coefficient, Joule-Thomson effect.
	20.08.24-24.08.24	Unit II: Liquefaction of gases Boyle temperature and inversion temperature, principle of regenerative cooling and of cascade cooling, liquefaction of hydrogen and helium, refrigeration cycles, meaning of efficiency.
	27.08.24-31.08.24	Transport phenomena in gases: molecular collisions, mean free path and collision cross sections, estimates of molecular diameter and mean free path
September	02.09.24 -07.09.24	Transport of mass, momentum and energy and interrelationship, dependence on temperature and pressure. Revision and test
	09.09.24-14.09.24	Unit III: Thermodynamics The laws of thermodynamics: The zero th law, various indicator diagrams, work done by and on the system, First law of thermodynamics, internal energy as a state function, reversible and irreversible changes,
	16.09.24 -21.09.24	Carnot cycle and its efficiency, Carnot theorem and the second law of thermodynamics, different versions of the

		second law, practical cycles used in internal combustion engines, Entropy, principle of increase of entropy
	24.09.24 -30.09.24	Tests
October	01.10.24-05.10.24	The thermodynamic scale of temperature, its identity with the perfect gas scale, impossibility of attaining the absolute zero temperature, third law of thermodynamics.
	07.10.24 -12.10.24	Unit IV: Thermodynamic relationships Thermodynamic variables- extensive and intensive, Maxwell's general relationships.
	14.10.24-19.10.24	Application to Joule–Thomson expansion and adiabatic cooling in a general system, Van der Waals' gas, Clausius-Clapeyron heat equation.
	21.10.24-25.10.24	Thermodynamic potentials and equilibrium of thermodynamical systems, relation with thermodynamical variables.
	27.10.24 -03.11.24	Diwali vacations
November	04.11.24 – 09.11.24	Cooling due to adiabatic demagnetization, production and measurement of very low temperatures.
	11.11.24 – 16.11.24	Blackbody radiation: pure temperature dependence, Stefan Boltzmann law, pressure of radiation.
	18.11.24 – 23.11.24	Spectral distribution of blackbody radiation, Wein's displacement law, Rayleigh-Jean's law.
	25.11.24 – 30.11.24	Planck's quantum postulates, Planck's law, complete fit with experiment, interpretation of behaviour of specific heats of gases at low temperature.
December	02.12.24-15.12.24	Revision and Tests.
	16.12.24-31.12.24	Examinations.

LESSON PLAN

Session: 2024-25

Class: B.Sc. B.Ed. 5th Sem

Subject: Cell Biology & Genetics

Paper Code: 301

Name of the Faculty: Ms. Shashi

Month	Week	Topics
July	22.07.24-27.07.24	Unit I: Cell Biology- Basic principles of microscopy, Light, fluorescent
	29.07.24- 31.07.24	Phase contrast, UV and electron microscope
August	1.08.24- 3.08.24	Ultrastructure of prokaryotic and eukaryotic cell
	5.08.24-10.08.24	Ultrastructure and function of Cell wall
	12.08.24- 17.08.24	Cell membrane
	19.08.24-24.08.24	Golgi complex, Endoplasmic reticulum
	26.08.24-31.08.24	Mitochondria
September	02.09.24-07.09.24	Unit II: Ultrastructure and function of Chloroplast
	09.09.24-14.09.24	Ribosome, Lysosome and microbodies
	16.09.24-21.09.24	Ultrastructure and function of Nucleus
	23.09.24- 30.09.24	Brief account of morphology and organisation of prokaryotic and eukaryotic chromosome, Nucleosome model, concept of karyotype and ideogram
October	01.10.24- 05.10.24	Unit III- Chromosomal alterations: Structural variations- Deletion, Duplication, Inversion and Translocation
	07.10.24-12.10.24	Numerical variations- Aneuploidy and euploidy
	14.10.24- 19.10.24	Cell division- Cell cycle, events of cell division, karyokinesis, cytokinesis, Mitosis, meiosis and their significance
	21.10.24- 26.10.24	Mutations- Types, Transposable genetic elements
	28.10.24-03.11.24	Diwali Vacations
November	04.11.24- 09.11.24	Unit-IV- Genetics- Mendelism- Review of Mendel's law of inheritance, solving problems related to Mendel's law and Revision Inheritance of genes: Incomplete dominance, complementary genes action (flower colour in sweet pea)
	11.11.24-16.11.24	Supplementary gene action (coat colour in mice), epistasis

		(fruit colour in summer squash), multiple factor inheritance (ear size in maize), Linkage and crossing over
	18.11.24- 23.11.24	Sex determination in Plants, Cytoplasmic inheritance- presence and functioning of mitochondrial and plastid DNA
	25.11.24-30.11.24	Cytoplasmic male sterility
December	02.12.24-07.12.24	Revision
	09.12.24-14.12.24	Revision
	16.12.24-31.12.24	Examination

LESSON PLAN

Session: 2024-25

Class: B.Sc. B.Ed. 5th Sem

Subject: Physical Chemistry

Paper Code: CHM 301

Name of the Faculty: Mrs. Ramandeep Kaur

Month	Week	Topics to be covered
July	22.07.24-26.07.24	Electrochemistry – electrical transport –conduction in metals
	27.07.24-31.07.24	Specific conduction, Kohlrausch law, Arrhenius theory, transport number, determination of degree of dissociation
August	01.08.24-05.08.24	Debye-Hückel-Onsager's equation, types of electrodes
	06.08.24-12.08.24	Nernst equation, derivation of cell E.M.F. & Chemical kinetics
	13.08.24-17.08.24	Zero order, first order reaction, theories of chemical kinetics
	20.08.24-24.08.24	Methods of integration
	27.08.24-31.08.24	Method of half-life period. Experimental methods of chemical kinetics
September	09.09.24-14.09.24	Conductometric, Potentiometric, Optical methods, Polarimetry
	16.09.24-21.09.24	Spectrophotometry
	24.09.24-30.09.24	Effect of temperature on rate of reaction
October	01.10.24-05.10.24	Elementary of quantum mechanics – de Broglie
	07.10.24-12.10.24	Hypothesis, Heisenberg, Uncertainty principle sinusoidal
	14.10.24-19.10.24	Wave equation, Hamiltonian operator, Schrodinger Wave
	21.10.24-25.10.24	Schrodinger wave Equation
November	27.10.24-03.11.24	Diwali Vacations
	04.11.24-09.11.24	Chemical equilibrium, reaction isotherm
	11.11.24-16.11.24	Claapeyron equation, application, degree of freedom
	18.11.24-23.11.24	Derivation of Gibbs phase rule, Raoult's and Henry's law
	25.11.24-30.11.24	Nernst distribution law, non-ideal system – azeotropes HCl partially miscible liquids
December	02.12.24-15.12.24	Test
	16.12.24-31.12.24	Examinations

LESSON PLAN

Session: 2024-25

Class: B.Sc. B.Ed. 5th Sem

Subject: Development Biology

Paper Code: 301

Name of the Faculty: Ms. Saloni

Month	Week	Topics
July	22.07.24-27.07.24	UNIT 1: DEVELOPMENTAL BIOLOGY -Concepts and scope of developmental biology Gametogenesis: a) structure and types of spermatozoa, spermatogenesis, b) structure and types of eggs, oogenesis.
	29.07.24-31.07.24	Fertilization: Types, mechanism and significance Cleavage: types and patterns of cleavage, fatemap.
August	01.08.24-03.08.24	Gastrulation: Morphogenetic movements and significance.
	05.08.24-10.08.24	UNIT 2: METAMORPHOSIS AND EMBRYOGENESIS - Development up to the of neurulation.
	12.08.24- 17.08.24	Metamorphosis of tadpole larva, hormonal control of metamorphosis.
	19.08.24-24.08.24	Development of frog up to formation of advance tadpole.
	26.08.24-31.08.24	Embryogenesis of chick: Development up to neurulation.
September	02.09.24-07.09.24	Tabulation.
	09.09.24-14.09.24	Development of chick according to hours of incubation- 18 hours, 21 hours, 24 hours, 33 hours, 48 hours.
	16.09.24-21.09.24	56 hours, 72 hours and 96 hours.
	23.09.24-30.09.24	Extra embryonic membrane of chick- development and function
October	01.10.24- 05.10.24	UNIT 3: PARTHENOGENESIS -Placenta and placentation in mammals.
	07.10.24-12.10.24	Parthenogenesis: natural and artificial.
	14.10.24-19.10.24	Regeneration mechanism in animals, steps of limbs regeneration in amphibians.
	21.10.24-26.10.24	Stem cells and their significance
	28.10.24-03.11.24	Diwali Vacation
November	04.11.24- 09.11.24	UNIT 4: TERATOGENESIS -Elementary idea of the following developmental process: a) Embryonic induction
	11.11.24-16.11.24	b) Organizer concept c) Differentiation
	18.11.24- 23.11.24	Teratogenesis: Genetic and envrionmental teratogenesis.
	25.11.24-30.11.24	Ageing Senescence
December	02.12.24-07.12.24	Test
	09.12.24-14.12.24	Revision
	16.12.24-31.12.24	Examination

LESSON PLAN

Session: 2024-25

Class: B.Sc. B.Ed. 5th Sem

Subject: Real Analysis

Paper Code: MTH 301

Name of the Faculty: Mrs. Deepshikha Jain

Month	Week	Topics to be covered
July	22.07.24-27.07.24	Real number system: Completeness axiom
	29.07.24-31.07.24	Densities of rational/irrational
August	01.08.24-03.08.24	Properties of real numbers
	05.08.24-10.08.24	Least upper bound axiom of a function
	12.08.24-17.08.24	Sequence & series Real sequence, definition
	19.08.24-24.08.24	Theorem on limits of sequence
	26.08.24-31.08.24	Bounded & monotonic sequences, Sequential continuity
September	02.09.24-07.09.24	Cauchy's convergence criterion, Infinite series of non-negative terms
	09.09.24-14.09.24	Comparison tests ratio test, Raabe's test
	16.09.24-21.09.24	Logarithmic test, Demorgan & Bertrand's tests class test of first half of unit 1
	23.09.24-30.09.24	Cauchy's integral test, Alternating tests, Leibnitz test
October	01.10.24-05-10.24	Absolute and conditional convergence
	07.10.24-12.10.24	Uniform convergence of series of function
	14.10.24-19.10.24	Continuous functions: Basic properties of limits
	21.10.24-26.10.24	Continuous functions, Classification of discontinuities
	28.10.24-03.11.24	Diwali vacations
November	04.11.24-09.11.24	Properties of continuous functions Class test of unit 4
	11.11.24-16.11.24	Boundedness of a continuous function on $[a,b]$ Uniform continuity Differentiability, chain rule, mean value theorems and their Geometrical interpretations
	18.11.24-23.11.24	Darboux's intermediate value Theorem for derivatives Taylor's theorem with various forms of remainder
	25.11.24-30.11.24	Integral calculus: Riemann integral Integrability of continuous and monotonic functions The fundamental theorem of integral calculus Mean value theorems of integral calculus
December	02.12.24-7.12.24	Class test of unit 1 Class test of unit 2
	9.12.24-14.12.24	Class test of unit 3 Class test of unit 4
	16.12.24-31.12.24	Examinations

LESSON PLAN

Session: 2024-25

Class: B.Sc. B.Ed. 5th Sem

Subject: Pedagogy of Physical science

Paper Code: CPSPS 301

Name of the Faculty: Mrs. Deepshikha Jain

Month	Week	Topics to be covered
July	22.07.24-27.07.24	<p>NATURE OF SCIENCE: History, philosophy and nature of science, its role and importance in daily life Science as interdisciplinary area of learning, development of science and Technology, their interdependence and impact on society development of scientific attitude and values through science education.</p> <p>CURRICULUM DEVELOPMENT Need and salient features of Curriculum, strategy and principle of Curriculum construction trends in science curriculum Development of science curriculum in India Basic criteria of validity of a science Curriculum in the light of ncf-2005</p>
	29.07.24-31.07.24	<p>Curriculum for secondary level Objectives of teaching science at upper primary level and secondary level</p>
		<p>Analysis of syllabus and textbooks of science at upper primary and secondary level</p>
August	01.08.24-03.08.24	<p>LESSON PLANNING: Instructional objectives, Identification of teaching Points, Organising the contents, Designing learning experiences Class test of first half of unit 1</p>
	05.08.24-10.08.24	<p>Pedagogical shift from science as fixed body of knowledge to process of constructing knowledge SCIENTIFIC METHOD: Observation, Enquiry, Hypothesis, Experimentation, Data Collection, Generalization</p>
	12.08.24-17.08.24	<p>UNIT AND LESSON PLANNING: Using constructivist approach, Taking examples from specific Contents of science such as electric Circuit, magnetic effects of current, Physical and chemical changes, animal and plant kingdom Class test of second half of unit 1</p>

	19.08.24-24.08.24	Experiential learning in science, Facilitating learners for self-study in science
	26.08.24-31.08.24	LEARNING RESOURCES Identification and use of learning resources in science from immediate Environment such as natural pH indicators, common salts, fruits, lenses, mirrors Inter-conversion of one form of energy to other Exploring alternatives sources of energy, Audio-visual materials, Multimedia selection and designing use of ICT in learning science
September	02.09.24-07.09.24	INSTRUCTIONAL RESOURCES Multimedia, Computer, charts, models improvised apparatus and their roles and functions
	09.09.24-14.09.24	STRENGTHENING OF LEARNING SCIENCE Organisation of practicals in laboratory, Use of science kits, Investigatory Project, Field trips, Science Clubs, Science fairs, Use of Worksheets

	16.09.24-21.09.24	Class test of first half of unit-2
	23.09.24-30.09.24	LESSON PLANNING AND LEARNING CONCEPTS OF SCIENCE SUCH AS Newton's laws of motion, Universal law of gravitation, Heat as energy temperature
October	01.10.24-05-10.24	Transfer of heat, Reflection, Refraction and total internal Reflection of light, Mole concept and Avogadro's number, Periodicity of elements, Acid, base & salt & PH scale
	07.10.24-12.10.24	Carbon & its compounds, Nutrition in amoeba and hopper, Digestive and respiratory system in animals, Control and coordination in animals, Reproduction in animals, Photosynthesis, Factor affecting the process of photosynthesis, Respiration in plants, Transportation in plants
	14.10.24-19.10.24	Class test of second half of unit -2 Asexual and sexual production, Pollination, Fertilization and partheno-genesis in plants, Heredity and variations, Structure of chromosome RNA & DNA EXPLORING LEARNING OF SCIENCE Electric circuits, series and parallel combination of circuits, Electric current, measurement of current and potential difference, Ohm's law, resistance, Factors Effecting resistance, electrical energy, Elementary ideas about A.C. and D.C. Motors
	21.10.24-26.10.24	Communicable and non-communicable Diseases
	28.10.24-03.11.24	Diwali Vacations

November		Modes of evaluation: oral, observation and written, objective and essay type Questions, Types of objective test items, Short answer type, Multiple choice type, Fill-in-blank type, True False, Matching type
	11.11.24-16.11.24	Construction of test items: Achievement test, diagnostic test and their construction, Preparation of blue print: taking Examples of concepts of science Mentioned in unit iii and iv, Continuous and comprehensive evaluation for overall development of child. TOOLS AND TECHNIQUES OF ASSESSMENT: Learning indicators, Performance-based assessment, Learners' records of observations, field diary
	18.11.24-23.11.24	Oral presentation of learner's work, Portfolio, Assessment of project work, Assessment of learning based on Content mentioned in unit iii and iv
	25.11.24-30.11.24	MODES OF LEARNING ENGAGEMENT: CONSTRUCTIVIST APPROACH: Activity Based learning experimentation, Interactive learning, group work, Demonstration method, peer learning, Project work, Assignments followed by Presentation, discussion, inquiry approach, Concept mapping etc
December	02.12.24-7.12.24	Revision & Test
	9.12.24-14.12.24	Revision & Test
	16.12.24-31.12.24	Examination

LESSON PLAN

Session: 2024-25

Class: B.Sc. B.Ed. 5th Sem

Subject: Pedagogy of Mathematics I

Paper Code: CPSPM 301

Name of the Faculty: Mrs. Mitu Nagpal

Month	Week	Topics to be covered
July	22.07.24-24.07.24	Unit I Human needs as a Basis of Growth in Mathematics
	25.08.24-28.07.24	Mathematical Statements are Unambiguous, Truth Criteria, Use of Symbols
	29.07.24- 31.07.24	The Role of Intuition and Logic in Mathematical Thinking
August	1.08.24- 3.08.24	Axiomatic Framework of Mathematics: Axioms, Postulates, Undefined Terms, Defined Terms
	5.08.24-10.08.24	Reasoning, Type of Reasoning, Proofs - Types of Proofs
	12.08.24- 17.08.24	Language of Mathematics
	19.08.24-24.08.24	Cultivating Learner's Sensitivity Like Listening, Encouraging Learner for Probing
	26.08.24-31.08.24	Raising Queries, Appreciating Dialogue Among Peer Group, Promoting the Student's Confidence Mathematical Thinking,
September	02.09.24-07.09.24	Unit-2 Exploring Ways of Learning Engagements
	09.09.24-14.09.24	Providing Opportunities for Group Activities, Group/Individual Presentation, Providing Opportunity for Sharing Ideas, Exposing to Exemplar Constructivist Learning Situations in Mathematics
	16.09.24-21.09.24	Visit to District, State and National Level Science Exhibition/ Field Visit
	23.09.24- 30.09.24	Audio Visual Presentation Followed by its Analysis and Discussion, Reflective Written Assignments, Case Studies
October	01.10.24- 05.10.24	Unit 3: Need And Importance of Mathematics in School Curriculum
	07.10.24-12.10.24	Social Aspects, Mathematical Aspects
	14.10.24- 19.10.24	Applications of Mathematics, Aims, Objectives and Scope of Mathematics at the Secondary Stage
	21.10.24- 26.10.24	Writing of Objectives for Each Stage (Primary, Secondary and Sr. Secondary), Writing Objectives In Behavioural Terms for Each Stage. Piaget 's Operational Thinking, Emphasis on the Use of Mathematics in Daily Life Situations
	28.10.24-03.11.24	Diwali Vacations
November	04.11.24- 09.11.24	Role of Mathematics in Other Subject Areas – Interdisciplinary Approaches, Developing Skills in Learners - Problem Solving, Logical Thinking, Drawing Inferences, Handling Abstraction, Visualising Etc. in Learner's Personality

	18.11.24- 23.11.24	Unit 4: Designing And Setting up Models, Teaching Aids And Activities/ Laboratory Work -Using Open Source Software in Mathematics Lesson (Expressive Way- To Create their Own From Scratch, As they Express Themselves With Contentment by Means of a More Open Application or Resource)
	25.11.24-30.11.24	Identifying Activity in Several Content Areas at Secondary Level Conducive to the Comprehension Level of Learner, Inculcating Skills in Designing, Demonstrating, Interpreting and Drawing Inference of Digital Applets/Concrete Models
		Providing Opportunities for Group Activities, Hands on Experimentation within Digital Environment, Group/ Individual Presentation. Providing Opportunity for Sharing Ideas, Exposing to Exemplar Constructivist Learning Situations in Mathematics.
December	02.12.24-07.12.24	Designing And Setting up Models, Teaching Aids And Activities/ Laboratory Work, Visit to District, State And National Level Science Exhibition.
	09.12.24-14.12.24	Digital Presentation Followed by Its Analysis and Discussion, Reflective Written Assignments, Case Studies, Audio Visual Presentation Followed by its Analysis And Discussion.
	16.12.24-31.12.24	Examination

LESSON PLAN

Session: 2024-25

Class: B.Sc. B.Ed. 7th Sem

Subject: Quantum Mechanics & Statistical Physics

Paper Code: PHY 401

Name of the Faculty: Dr. Darshan Lal

Month	Week	Topics to be covered
July	22.07.24-26.07.24	Unit I: Origin of the quantum theory – Failure of classical physics to explain the phenomena such as black – body spectrum, photoelectric effect, Ritz combination principle in spectra, stability of an atom, Planck’s radiation law, Einstein’s explanation of photoelectric effect, Bohr’s quantization of angular momentum and its application to hydrogen atom, limitations of Bohr’s theory.
	27.07.24 -31.07.24	Unit II: Wave-particle duality and uncertainty principle, de Broglie’s hypothesis for matter waves, the concept of wave and group velocities, evidence for diffraction and interference of ‘particles’
August	01.08.24-05.08.24	Experimental demonstration of matter waves, Consequence of de Broglie’s concepts, quantisation in hydrogen atom, energies of a particle in a box, wave packets, Heisenberg’s uncertainty relation for p and x, its extension to energy and time.
	06.08.24 – 12.08.24	Consequence of the uncertainty relation: gamma ray microscope, diffraction at a slit, particle in a box, position of electron in a Bohr orbit.
	13.08.24 – 17.08.24	Revision and test.
	20.08.24 – 24.08.24	Quantum Mechanics: Schrodinger’s equation, Postulates of quantum mechanics, operators, expectation values, transition probabilities.
	27.08.24 – 31.08.24	Unit III: Applications of quantum mechanics to particle in one dimensional and three-dimensional box, harmonic oscillator
September	02.09.24 – 07.09.24	Reflection at a step potential, transmission across a potential barrier.
	09.09.24 – 14.09.24	Hydrogen atom: natural occurrence of n, l and m quantum numbers, the related physical quantities, comparison with Bohr’s theory, Wave functions, Probabilistic interpretation
	16.09.24 – 21.09.24	Unit IV: Statistical Physics- The statistical basis of thermodynamics: Probability and thermodynamic probability.
	24.09.24 – 30.09.24	Tests
October	01.10.24 – 05.10.24	Principle of equal a-priori probabilities, probability distribution and its narrowing with increase in number of particles.
	07.10.24 – 12.10.24	The expressions for average properties, Constraints, accessible and inaccessible states, distribution of particles with a given total energy into a discrete set of energy states
	14.10.24 – 19.10.24	Some universal laws: The mu space representation, division of mu

		space into energy sheets and into phase cells of arbitrary size, application to one-dimensional harmonic oscillator and free particles, Equilibrium between two systems in thermal contact, bridge with macroscopic physics
	21.10.24 – 25.10.24	Probability and entropy, Boltzmann entropy relation, Statistical interpretation of second law of thermodynamics, Boltzmann canonical distribution law and its applications, rigorous form of equipartition of energy
	27.10.24 – 03.11.24	Diwali Vacations
November	04.11.24 – 09.11.24	Partition function and its applications, Saha's ionization formula. Maxwell distribution of speeds in an ideal gas, Distribution of speeds and velocities, experimental verification, distinction between mean, RMS and most probable speed values
	11.11.24 – 16.11.24	Doppler broadening of spectral lines. Transition to quantum statistics: 'h' as a natural constant and its implications, cases of particle in a one-dimensional box and one-dimensional harmonic oscillator
	18.11.24 – 23.11.24	Indistinguishability of particles and its consequences, Bose-Einstein and Fermi-Dirac conditions
	25.11.24 – 30.11.24	Applications to liquid helium, free electrons in a metal and photons in blackbody chamber, Fermi level and Fermi energy.
December	02.12.24 – 15.12.24	Revision and Tests.
	16.12.24 – 31.12.24	Examination

LESSON PLAN

Session: 2024-25

Class: B.Sc. B.Ed. 7th Sem

Subject: Advance Chemistry

Paper Code: CHM 401

Name of the Faculty: Mrs. Ramandeep Kaur

Month	Week	Topics to be covered
July	22.07.24-26.07.24	Rotational spectrum
	27.07.24- 31.07.24	Diatomic molecules
August	1.08.24 - 05.08.24	Raman spectrum
	06.08.24-12.08.24	Selection rules
	13.08.24-17.08.24	Energy levels of rigid rotor.
	20.08.24-24.08.24	Maxwell distribution
	27.08.24-31.08.24	Isotope effect.
September	02.09.24 -07.09.24	(Teaching practice for one month)
	09.09.24 -14.09.24	Vibrational spectrum
	16.09.24-21.09.24	Concept of polarizability
	24.09.24 –30.09.24	Bond energies
October	01.10.24 - 05.10.24	Idea of vibrational
	07.10.24 –12.10.24	Frequencies of different functional groups.
	14.10.24 –19.10.24	Photochemistry – laws of photochemistry, Grothus
	21.10.24 –25.10.24	Draper law
	27.10.24 –03.11.24	Diwali break
November	04.11.24 –09.11.24	Description of fluorescence
	11.11.24 –16.11.24	Non radiative process
	18.11.24 –23.11.24	Electronic spectrum.
	25.11.24- 30.11.24	Separation techniques
December	02.12.24 – 15.12.24	Vibrational spectrum and Raman spectrum.
	16.12.24 – 31.12.24	Examination.

LESSON PLAN

Session: 2024-25

Class: B.Sc. B.Ed. 7th Sem

Subject: Evolution & Palaeontology

Paper Code: 401

Name of the Faculty: Ms. Saloni

Month	Week	Topics
July	22.07.24-27.07.24	UNIT 1-Origin of life and its theories- a) origin of life- Evidences in favour of evolution: morphology, comparative anatomy, embryology and palaeontology. b) Molecular basis of evolution
	29.07.24- 31.07.24	Theories of evolution: a) Lamarckism, inheritance of acquired characters and Neo Lamarckism. B) Darwinism, theory of natural selection and Neo Darwinism. C) Mutation theory of Hugo de Vries d) Weisman theory of germplasm e) Recapitulation theory
August	1.08.24- 3.08.24	UNIT 2- Evolution- A) Variation: kinds, sources, origin of new mutations.
	5.08.24-10.08.24	Isolation: Definition, mechanism and role of isolation in evolution.
	12.08.24- 17.08.24	Adaptation: Introduction, kinds of associations.
	19.08.24-24.08.24	Divergent, convergent evolution.
	26.08.24-31.08.24	Evolutionary significance of adaptation.
September	02.09.24-07.09.24	UNIT 3-Evolution changes- Origin of species- concept of species.
	09.09.24-14.09.24	Subspecies, sibling species.
	16.09.24-21.09.24	Factors causing genetic divergence in the population of species.
	23.09.24- 30.09.24	Genetic drift, bottle neck effect.
October	01.10.24- 05.10.24	Founder's effect.
	07.10.24-12.10.24	Mimicry and protective coloration- Definition and kinds.
	14.10.24- 19.10.24	Conditions necessary for mimicry and significance.
	21.10.24- 26.10.24	Zoogeographical distribution of animals, geological time scale, origin and evolution of amphibians.
	28.10.24-03.11.24	Diwali Vacation
November	04.11.24- 09.11.24	Origin and evolution of reptiles, birds and mammals.
	11.11.24-16.11.24	UNIT 4- Introduction, formation, kinds, determination of age of fossils and its significance.
	18.11.24- 23.11.24	Dinosaur, fossils evidence and reasons for extinction of dinosaurs
	25.11.24-30.11.24	Evolution of man: Time of origin, compelling causes, ancestor of man. Evolution from apes and evolutionary trends. Test
December	02.12.24-07.12.24	Revision
	09.12.24-14.12.24	Revision
	16.12.24-31.12.24	Examination

LESSON PLAN

Session: 2024-25

Class: B.Sc. B.Ed. 7th Sem

Subject: Plant Anatomy & Ecology

Paper Code: 401

Name of the Faculty: Ms. Shashi

Month	Week	Topics
July	22.07.24-27.07.24	Unit 1: Tissue and Tissue system: Root and Shoot Organisation- Type of tissue and tissue system, basic body plan of a flowering plant
	29.07.24- 31.07.24	The Root system- The root apical meristem and its organisation,
August	1.08.24- 3.08.24	Differentiation of primary and secondary tissues and their roles,
	5.08.24-10.08.24	Structural modifications for storage, respiration, reproduction and for interaction with microbes
	12.08.24- 17.08.24	The Shoot system- The shoot apical meristem and its histological organisation
	19.08.24-24.08.24	Vascularisation of primary shoot in monocotyledons and dicotyledons,
	26.08.24-31.08.24	Formation of internodes, branching pattern Monopodial and Sympodial growth, canopy architecture and Revision, tests
September	02.09.24-07.09.24	Unit II- Organization of Xylem and Phloem tissues: Cambium and its function, formation of secondary xylem, a general account of wood structure in relation to conduction of water and minerals,
	09.09.24-14.09.24	Characterisation of growth rings, sapwood and heartwood
	16.09.24-21.09.24	Secondary phloem- structure, function relationship, periderm. Leaf origin, development.
	23.09.24- 30.09.24	Arrangement and diversity in size and shape, internal structure in relation to photosynthesis and water loss,
October	01.10.24- 05.10.24	Adaptation to water stress, stomatal types and trichomes, senescence and abscission
	07.10.24-12.10.24	Unit III- Ecology and Environment: Ecological Factors: Brief account of edaphic, climate, physiological and biotic factors and ecological importance
	14.10.24- 19.10.24	Ecosystem: structure, abiotic and biotic components, bio-energetic approach, Food chain, Food web
	21.10.24- 26.10.24	Ecological pyramids, biogeochemical cycles of carbon, nitrogen and phosphorus,
	28.10.24-03.11.24	Diwali Vacation

November	04.11.24- 09.11.24	Community ecology: Community characteristics, frequency, density, cover, life forms:
	11.11.24-16.11.24	Plant succession: General features, events in succession, brief account of xerarch succession
	18.11.24- 23.11.24	Unit IV- Ecological Adaptations: Morphological, anatomical and physiological adaptations of plants to environment- hydrophytes, halophytes, xerophytes
	25.11.24-30.11.24	Biodiversity: General account, types and characteristics, biodiversity conservation efforts
		WCU, Red data book, brief account of IPR and patent laws
	Revision	
December	02.12.24-07.12.24	Revision
	09.12.24-14.12.24	Revision
	16.12.24-31.12.24	Examination

LESSON PLAN

Session: 2024-25

Class: B.Sc. B.Ed. 7th Sem

Subject: Number Theory & Theory of equations

Paper Code: MTH 401

Name of the Faculty: Mrs. Deepshikha Jain

Month	Week	Topics to be covered
July	22.07.24-27.07.24	Division Algorithm, Prime and Composite numbers
	29.07.24-31.07.24	Proving the existence and uniqueness of GCD, The Euclidean Algorithm
August	01.08.24-03.08.24	Fundamental theorem of Arithmetic, The least common multiple
	05.08.24-10.08.24	Congruence's, Linear congruence's
	12.08.24-17.08.24	Sigma function, Tau function, Phi function
	19.08.24-24.08.24	Wilson's theorem Class test of first half of unit-1
	26.08.24-31.08.24	Simultaneous congruence's,
September	02.09.24-07.09.24	Euler-Fermat theorem Class test of second half of unit-1
	09.09.24-14.09.24	Lagrange theorem
	16.09.24-21.09.24	Continued fractions,
	23.09.24-30.09.24	Relation between roots and coefficients
October	01.10.24-05-10.24	Symmetric functions Class test of unit-2
	07.10.24-12.10.24	Transformations
	14.10.24-19.10.24	Reciprocal equations, Descartes' rule of signs
	21.10.24-26.10.24	Multiple roots
	28.10.24-03.11.24	Diwali Vacation
November	04.11.24-09.11.24	Solving cubic equation by Cardon's method
	11.11.24-16.11.24	Solving quadratic Equations by Descarte's method
	18.11.24-23.11.24	Solving quadratic Equations by Ferrari's method.
	25.11.24-30.11.24	Class test of second half of unit-3
December	02.12.24-7.12.24	Class test of first half of unit -4 Class test of unit -1 Class test of unit -2
	9.12.24-14.12.24	Class test of unit -3 Class test of unit -4
	16.12.24-31.12.24	Examination