

LESSON PLAN (Session 2023-2024)

Semester--Odd

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

Paper : Foundation of Political Theory

Name of the Faculty: Dr.Renu Bala

Paper Code:101

Month	Week	Topics to be covered
July	21.07.23-22.07.23	Unit 1: <ul style="list-style-type: none">Political Theory: Meaning ,Nature
	24.07.23-29.07.23	<ul style="list-style-type: none">Political Theory: Scope
August	31.07.23-05.08.23	<ul style="list-style-type: none">Its Normative Perspectives
	07.08.23-12.08.23	<ul style="list-style-type: none">It Empirical Perspectives
	14.08.23-19.08.23	<ul style="list-style-type: none">Behaviouralism Theory
	21.08.23-26.08.23	<ul style="list-style-type: none">Post Behaviouralism Theory
	28.08.23-2.09.23	<ul style="list-style-type: none">Revision or Tests
September	04.09.23-09.09.23	Unit 2: <ul style="list-style-type: none">State: Meaning and its Elements
	11.09.23-16.09.23	<ul style="list-style-type: none">Theory of Origin of the State
	18.09.23-23.09.23	<ul style="list-style-type: none">Social Contract
	25.09.23-30.09.23	<ul style="list-style-type: none">Evolutionary Sovereignty
October	02.10.23-07.10.23	Unit 3; <ul style="list-style-type: none">Concept :Power (Laswell)
	09.10.23-14.10.23	<ul style="list-style-type: none">Authority (Max Weber)
	16.10.23-21.10.23	<ul style="list-style-type: none">Legitimacy
	23.10.23-28.10.23	<ul style="list-style-type: none">Political System (Easton)
	30.10.23-04.11.23	<ul style="list-style-type: none">Political Development (Lucian Pay)
November	06.11.23-09.11.23	Unit 4: <ul style="list-style-type: none">Forms of Government: Democracy and Dictatorship
	10.11.23-13.11.23	<ul style="list-style-type: none">DIWALI HOLIDAY
	14.11.23-18.11.23	<ul style="list-style-type: none">Parliamentary
	20.11.23-25.11.23	<ul style="list-style-type: none">Presidential and Unitary
	27.11.23-02.12	<ul style="list-style-type: none">Federal system
December	04.12.23-09.12.23	<ul style="list-style-type: none">Revision and tests
	11.12.23-16.12.23	<ul style="list-style-type: none">Revision and tests
	18.12.23-23.12.23	<ul style="list-style-type: none">Revision and tests

LESSON PLAN (Session 2023-2024)

Semester--Even

Name of the faculty: Dr.Renu Bala Paper: Representative Indian Political Thinkers

Class: 2nd sem.B.A. B.Ed

Paper: Pol. 102

Month	Week	Topics to be covered
January	13.01.24-20.01.24	Unit 1: <ul style="list-style-type: none">• Kautilya
	22.01.24-27.01.24	<ul style="list-style-type: none">• Somdev Soori
	29.01.24-03.02.24	<ul style="list-style-type: none">• Ziauddin Barani
February	05.02.24-10.02.24	Unit 2: <ul style="list-style-type: none">• Raja Ram Mohan Ray
	12.02.24-17.02.24	<ul style="list-style-type: none">• Swami Dayanand Saraswati
	19.02.24-24.02.24	<ul style="list-style-type: none">• Jyotiba Phule
	26.02.24-09.03.24	<ul style="list-style-type: none">• Assignment and Test
March	04.03.24-09.03.24	Unit 3: <ul style="list-style-type: none">• Gopal Krishan Gokhale
	11.03.24-16.03.24	<ul style="list-style-type: none">• Bal Gangadhar Tilak
	18.03.24-23.03.24	<ul style="list-style-type: none">• M.K.Gandhi
	25.03.24-30.03.24	<ul style="list-style-type: none">• Test and Presentation
April	01.04.24-06.04.24	Unit 4: <ul style="list-style-type: none">• Jawaharlal Nehru
	08.04.24-13.04.24	<ul style="list-style-type: none">• Jawaharlal Nehru
	15.04.24-22.04.24	<ul style="list-style-type: none">• Bhim Rao Ambedkar
	23.04.24-25.04.24	<ul style="list-style-type: none">• HOLI HOLIDAY
	26.04.24-04.05.24	<ul style="list-style-type: none">• Presentation
May	06.05.24-11.05.24	<ul style="list-style-type: none">• Ram Manohar Lohiya
	13.05.24-18.05.24	<ul style="list-style-type: none">• Test and Presentation
	20.05.24-25.05.24	<ul style="list-style-type: none">• Test and Presentation

	27.05.24-01.06.24	<ul style="list-style-type: none"> • Test and Presentation
June	03.06.24-15.06.24	<ul style="list-style-type: none"> • Revision and Tests

LESSON PLAN(Session 23-24)

Semester--Odd

Name of the Faculty: Deepa Rani

Name of the Paper: language skills (English)-I

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

Paner Code: AEC1(T)

Month	Week	Topics to be covered
July	21.07.23-22.07.23	Unit 1: <ul style="list-style-type: none">Tenses: Simple Present: Habitual action, General truths, Future time
	24.07.23-29.07.23	<ul style="list-style-type: none">Verbs of state, Verbs of perception, Verbs of sensation, Narration
August	31.08.23-05.08.23	<ul style="list-style-type: none">Use of simple present for demonstration and commentaries, Present perfect
	07.08.23-12.08.23	<ul style="list-style-type: none">present perfect continuous, Present continuous also indicative of future action
	14.08.23-19.08.23	<ul style="list-style-type: none">Past continuous, Past perfect, past Perfect continuous
	21.08.23-26.08.23	<ul style="list-style-type: none">Simple past: Past time reference, Present time reference, Future time reference
	28.08.23-02.09.23	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	04.09.23-09.09.23	<ul style="list-style-type: none">Debating on an issue – agreeing / disagreeing
	11.09.23-16.09.23	Unit 3: <ul style="list-style-type: none">Note making
	18.09.23-23.09.23	<ul style="list-style-type: none">Note- taking
	25.09.23-30.09.23	<ul style="list-style-type: none">Summary writing
October	02.10.23-07-10.23	<ul style="list-style-type: none">Comprehension Skills
	09.10.23-14.10.23	<ul style="list-style-type: none">Extracts from literary
	16.10.23-21.10.23	<ul style="list-style-type: none">What is Journals
	23.10.23-28.10.23	<ul style="list-style-type: none">scientific and educational journals

	30.10.23-04.11.23	<ul style="list-style-type: none"> scientific and educational journals
November	06.11.23-9.11.23	Unit 4: <ul style="list-style-type: none"> Advanced Writing Skills
	10.11.23-13.11.23	Diwali vacations
	14.11.23-18.11.23	<ul style="list-style-type: none"> writing advertisement
	20.11.23-25.11.23	<ul style="list-style-type: none"> Writing a project proposal and Writing Resume, sending an application.
	27.11.23-02.12.23	<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	04.12.23-09.12.23	<ul style="list-style-type: none"> Revision and Test.
	11.12.23-16.12.23	<ul style="list-style-type: none"> Revision and Test.
	18.12.23-23.12.23	<ul style="list-style-type: none"> Revision and Test.

LESSON PLAN(Session 23-24)
Semester-Even

Class: B.A.B.Ed./B.Sc.B.Ed.Sem-2nd
Name of the Faculty: Deepa Rani

Paper Code: AEC1(II)
Name of the Paper: language skills (English)-II

Month	Week	Topics to be covered
January	13.01.24 - 20.01.24	Unit 1: <ul style="list-style-type: none"> Function of Auxiliaries
	22.01.24 - 27.01.24	<ul style="list-style-type: none"> Modals
	29.01.24 - 03.01.24	<ul style="list-style-type: none"> Modals; Question Form
February	05.02.24 - 10.02.24	<ul style="list-style-type: none"> Clauses
	12.02.24-17.02.24	<ul style="list-style-type: none"> Noun Clause
	19.02.24-24.02.24	<ul style="list-style-type: none"> Reported Speech
	26.02.24-02.03.24	<ul style="list-style-type: none"> Change of Voice
March	04.03.24-09.03.24	Unit 2: <ul style="list-style-type: none"> To be based on the use of multiple texts which address issues of Multiculturalism
	11.03.24-16.03.24	<ul style="list-style-type: none"> Gender
	18.03.24-22.03.24	<ul style="list-style-type: none"> Racism and texts which relate with current issues and contemporary trends.
	23.03.24-25.03.24	Holi Vacations
	26.03.24-30.03.24	<ul style="list-style-type: none"> Short Stories
April	01.04.24-06.04.24	<ul style="list-style-type: none"> Comic strips
	08.04.24-13.04.24	<ul style="list-style-type: none"> Cartoons and Animations(both print and non-print media) to be used
	15.04.24-20.04.24	<ul style="list-style-type: none"> Speeches of famous Persons
	22.04.24-27.04.24	<ul style="list-style-type: none"> Diaries
	29.04.24-04.05.24	<ul style="list-style-type: none"> Travelogues can also be used.
May	06.05.24-11.05.24	Unit 3: <ul style="list-style-type: none"> Letter Writing (Professional and Personal)
	13.05.24-18.05.24	<ul style="list-style-type: none"> Writing Dialogue

	20.05.24-25.05.24	<ul style="list-style-type: none"> Poems and Essays
	27.05.24-01.06.24	Unit 4: <ul style="list-style-type: none"> Sounds of English Language, Intonation and Transcription using IPA
June	03.06.24-15.06.24	<ul style="list-style-type: none"> Revision and Test.

LESSON PLAN(Session2023-24)**Semester--Odd****Class;B.A/B.SC.B.Ed 1st SEM****Name of the paper:AEC HINDI****Nameofthefaculty:Dr.Gurmeet Kaur****Paper Code:AEC1**

Month	Week	Topic To Be Delivered
July	21.07.23-22.07.23	Unit -1 <ul style="list-style-type: none">Hindi sahitya ka kaal vibhajan aur naamkaran
	24.07.23-29.07.23	<ul style="list-style-type: none">Aadikaal ka Naamkaran aur Seema NirdharanAadikaal ki paristhitiyan,Pravritiyan
August	31.07.23-05.08.23	<ul style="list-style-type: none">Bhaktikaalin sahitya ka parichay paristhitiyan or Pravritiyan
	07.08.23-12.08.23	<ul style="list-style-type: none">Santkavyadhara kavyadhara ka parichay
	14.08.23-19.08.23	<ul style="list-style-type: none">Suphykavyadhara kavyadhara ka parichay
	21.08.23-26.08.23	<ul style="list-style-type: none">Raamkavyadhara aur krishan kavyadhara ka parichy
	28.08.23-02.09.23	<ul style="list-style-type: none">Krishan kavyadhara ka parichy
September	04.09.23-09.09.23	Unit-2 <ul style="list-style-type: none">Swatantratapurva Hindi Kahani Ka Vikas
	11.09.23-16.09.23	<ul style="list-style-type: none">Chanderdhar Sharma Guleri –Usne kha tha
	18.09.23-23.09.2	<ul style="list-style-type: none">Jayshankar Prasad- Puraskar
	25.09.23-30.09.23	<ul style="list-style-type: none">Premchand- Panch Parmeshwar
October	02.10.23-07.09.23	<ul style="list-style-type: none">Jainendra- Ek Raat
	09.10.23-14.10.23	Unit-3 <ul style="list-style-type: none">Swatantrayottar Hindi Kahani Ka Vikas
	16.10.23-21.10.23	<ul style="list-style-type: none">Mohan Rakesh- Uski RotiKamleshwar- Dilli Mein ek Maut
	23.10.23-28.10.23	<ul style="list-style-type: none">Phanishwar Nath Renu- Teesari Kasam
	30.10.23-04.11.23	<ul style="list-style-type: none">Chif ki Dawat -Bhisham Sahni

November	06.11.23-09.11.23	Unit-4 <ul style="list-style-type: none"> • Group Discussion [Samooch Charcha]
	10.11.23-13.11.23	<ul style="list-style-type: none"> • Diwali Holidays
	14.11.23-18.11.23	<ul style="list-style-type: none"> • Introduction – Definition – Characteristics – Types of Discussion –
	20.11.23-25.11.23	<ul style="list-style-type: none"> • Round table, Symposium forum etc. –
	27.11.23-02.12.23	<ul style="list-style-type: none"> • Relevance of Group Discussion – Exercises
December	04.12.23-23.12.23	<ul style="list-style-type: none"> • Revision And Test

LESSON PLAN(Session2023-24)**Semester--EVEN****Class;B.A/B.SC.B.Ed 2ND SEM****Name of the paper:AEC HINDI****Nameofthefaculty:Dr.Gurmeet Kaur****Paper Code:AEC1**

Month	Week	Topic To Be Delivered
January	13.01.24-20.01.24	Unit-1 <ul style="list-style-type: none">• Bharatendu yug ka parichay
	22.01.24-27.01.24	<ul style="list-style-type: none">• Dwivedi yug ka parichay
	29.01.24-03.02.24	<ul style="list-style-type: none">• Dwivedi yug ke kavi
February	05.02.24-10.02.24	<ul style="list-style-type: none">• Chhayavadi kavya ka parichay
	12.02.24-17.02.24	<ul style="list-style-type: none">• Chhayavadi yug ke kaviyon ka parichay
	19.02.24-24.02.24	<ul style="list-style-type: none">• Pragativadi kavya ka parichay
	26.02.24-02.03.24	<ul style="list-style-type: none">• Prayogvadi kavya ka parichay• Samkalin kavita ka parichay
March	18.03.24-22.03.23	<ul style="list-style-type: none">• Nai kavita ka parichay• Swatantratapurva Hindi Kavita Ka Vikas
	23.03.24-25.03.24	<ul style="list-style-type: none">• Holi Vacations
	26.03.24-30.03.24	Unit-2 <ul style="list-style-type: none">• Maithilisanan Gupt- Nar Ho Na Nirash Karo Man ko• Jayshankar Prasad- Himadri Tung Sring Se Prabudh Sudhha Bharti
	25.03.24-30.03.24	<ul style="list-style-type: none">• Suryakant Tripathi Nirala- Joohi ki Kali
April	01.04.24-06.04.24	<ul style="list-style-type: none">• Sumitranandan Pant- Drut Jharo Jagat Ke Jirn Patra• Mahadevi Verma-MaiNeer Bhari Dhukh Ki Badli
	08.04.24-13.04.24	Unit-3 <ul style="list-style-type: none">• Swatantrayottar Hindi Kavita Ka Vikas• Gajanan Madhav Muktibodh- Bhool Galti,

	15.04.24-20.04.24	<ul style="list-style-type: none"> • Kedarnath Agrawal- Chandra Gahna Se Lautati Ber
	22.04.24-27.04.24	<ul style="list-style-type: none"> • Raghveer Sahay- Aapki Hansi
	29.04.24-04.05.24	<ul style="list-style-type: none"> • Nagarjun- Aakal Aur Uske Bad • Kedarnath Singh- Aakal Me Saras
May	06.05.24-11.05.24	Unit-4 <ul style="list-style-type: none"> • Meaning and definition and characteristics of conversation
	13.05.24-18.05.24	<ul style="list-style-type: none"> • Styles of conversation – Higher order skills
	20.05.24-25.05.24	<ul style="list-style-type: none"> • Telephonic conversation, Role Play, – Models,
	27.05.24-01.06.24	<ul style="list-style-type: none"> • Revision and Test
June	03.06.24-15.06.24	<ul style="list-style-type: none"> • Revision and Test

LESSON PLAN(Session2023-24)

Class:- B.A./B.Sc. B.Ed 2nd Sem.

Name:- Karamjit Kaur

Communication Technology In Education-I

Paper Code: AEC2(II)

Name of the Paper: Information And

Month	Week	Topics to be covered
January	01.01.24-06.01.24	Unit-2 :ICT and Pedagogy <ul style="list-style-type: none"> Approaches to integrating ICT in teaching and learning. Techno pedagogical content knowledge (TPCK).E-learning: concept, types, characteristics, advantages and limitations. E-learning tools and technologies, Learning Management Systems (LMS).
	08.01.24-13.01.24	<ul style="list-style-type: none"> Web quest and virtual field trips: concept, process, and use in the classroom.Subject specific ICT tools for creating and facilitating learning.Designing technology integrated authentic learning designs and experiences.
	15.01,24-20.01.24	<ul style="list-style-type: none"> ICI integrated Unit plan – Web 2.0 for creating constructivist learning environment. Assistive technology for special needs and inclusion: tools and processes, ICT and Universal design for Learning (UDL).
	22.01.24-27.01.24	ICT for Assessment: Online and offline assessment tools – rubrics, e-portfolio, survey tools, puzzle makers, test generators, reflective journal, question bank
	29.01.24-03.02.24	Unit 3 <ul style="list-style-type: none"> Learning theories – implications for instructional design E-learning courseware (e-content) design
February	05.02.24-10.02.24	<ul style="list-style-type: none"> Identifying and organizing course content: need analysis(learner, content, task), learning objectives, course sequence. Designing instructional media, evaluation, and delivery strategies.
	12.02.24-17.02.24	<ul style="list-style-type: none"> Creating interactive content – story board, courseware outline, interactivity and interface. Courseware delivery and evaluation. Reusable learning objects (RLO)– meaning, types and characteristics, RLO repositories, metadata

		and standards.
	19.02.24-24.02.24	<ul style="list-style-type: none"> E-content authoring tools- open source and proprietary alternatives. Open Educational Resources – Meaning and importance, various OER initiatives, creative common licensing
	26.02.24-02.03.24	Unit: 4 <ul style="list-style-type: none"> ICT for personal management: email, task, events, diary, networking. ICT for educational administration: scheduling, record keeping, student information, electronic grade book, connecting with parents and community, Library Automation.
March	04.03.24-09.03.24	<ul style="list-style-type: none"> ICT for professional development: tools and opportunities. Electronic teaching portfolio- concept, types, tools, portfolio as a reflective tool for professional development. Self-directed professional development: role of ICT.
	11.03.24-16.03.24	<ul style="list-style-type: none"> Teacher networks and community of practice, web conferencing- tools and techniques. Technology and design based research and its pedagogical implications for professional development.
	18.03.24-22.03.24	Emerging Trends in ICT and its educational implications: augmented reality, 3D printing, learning analytics, digital games, artificial intelligence
	23.03.24-25.03.24	Holi Vacations
	26.03.24-30.03.24	Unit 1: Instructional Design and E-content Instructional Design – concept, principles
April	01.04.24-06.04.24	<ul style="list-style-type: none"> Models and stages of instructional design.
	08.04.24-13.04.24	<ul style="list-style-type: none"> Basic Photography Aesthetics Types of Camera and Microphones Multi Camera Setup Various Formats of Video and Audio Shot Division/ Types of Shot Sizes and their impact on narrative/ continuity
	15.04.24-20.04.24	<ul style="list-style-type: none"> Genres in Video Communication Steps in the Video Production Multimedia tools- Audio editing, video editing, screen casting, graphic editing, and basics of animation, and creating interactive media.

	22.04.24-27.04.24	Designing, developing and using Massive Open Online Courses (MOOCs)
	29.04.24-30.04.24	Test and doubt session
May	01.05.24 onwards	Examinations

Lesson Plan (Session 2023-2024)
Even Semester

Name of the Faculty: Mrs. Mitu Nagpal
Education (Agriculture Practice)-II
Class : B.A. B.Ed./B.Sc. B.Ed. Sem. II

Nomenclature of the Paper: Work
Paper Code: WEAP 102

Month	Week	Topics to be Covered
January	13.01.24-20.01.24	Unit 1: Identification <ul style="list-style-type: none"> Seeds of common crops
	22.01.24-27.01.24	<ul style="list-style-type: none"> Seeds of common vegetables Important weeds
	29.01.24-03.02.24	<ul style="list-style-type: none"> Manures commonly used Fertilizers commonly used
February	05.02.24-10.02.24	<ul style="list-style-type: none"> Revision of the unit
	12.02.24-17.02.24	Unit 2: Seeds and Seedlings <ul style="list-style-type: none"> Characteristics of a good seed for sowing
	19.02.24-24.02.24	<ul style="list-style-type: none"> Calculation of germination percentage of seeds Planting seeds and transplanting seedling
	26.02.24-02.03.24	<ul style="list-style-type: none"> Raising seedlings in a nursery Study about green-house
March	04.03.24-09.03.24	<ul style="list-style-type: none"> Revision of the unit
	11.03.24-16.03.23	Unit III: Ornamental gardening <ul style="list-style-type: none"> Identification of different summer flowers
	18.03.24-22.03.24	<ul style="list-style-type: none"> Identification of different winter flowers Identification of common hedge and creeper plants
	23.03.24-25.03.24	Holi Vacations
	26.03.24-31.03.24	<ul style="list-style-type: none"> Preparation and maintenance of rockeries and borders Preparation and maintenance of borders through hedge and flower plantation
April	01.04.24-06.04.24	Horticulture Practices <ul style="list-style-type: none"> Agro forestry and related concepts
	08.04.24-13.04.24	<ul style="list-style-type: none"> Potting and repotting practices
	15.04.24-20.04.24	<ul style="list-style-type: none"> Practices related to production of

		important flowering plants
	22.04.24-27.04.24	<ul style="list-style-type: none"> • Collection of different types of seeds
	29.04.24-04.05.24	<ul style="list-style-type: none"> • Preparation of a project
May	06.05.24-11.05.24	<ul style="list-style-type: none"> • Revision of the unit
	13.05.24-18.05.24	Unit IV: General Field practices <ul style="list-style-type: none"> • Earthing
	20.05.24-25.05.24	<ul style="list-style-type: none"> • Planting • Hoeing
	27.05.24-31.05.24	<ul style="list-style-type: none"> • Weeding • Watering of plants
June	01.06.24-19.06.24	<ul style="list-style-type: none"> • Revision And Test
	20.06.24 Onwards	Examinations

Lesson Plan (Session 2023-2024)

Semester -Odd

Name of the Faculty: Mrs. Mitu Nagpal
Advanced Calculus

Nomenclature of the Paper: Mathematics:

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

Paper Code: Core Course 3(I)

Month	Week	Topics to be Covered
July	21.07.23-31.07.23	Unit 1: Tangent And Normal
August	01.08.23-05.08.23	<ul style="list-style-type: none"> Sub Tangent And Subnormal (Cartesian And Polar Forms)
	07.08.23-12.08.23	<ul style="list-style-type: none"> Derivative of an Arc, Pedal Equations
	14.08.23-19.08.23	<ul style="list-style-type: none"> Curvature
	21.08.23-26.08.23	<ul style="list-style-type: none"> Asymptotes, Multiple Points
	28.08.23-31.08.23	<ul style="list-style-type: none"> Curve Tracing Function of Several Variables
September	01.09.23-09.09.23	<ul style="list-style-type: none"> Envelops And Evaluates
	11.09.23-16.09.23	<ul style="list-style-type: none"> Revision of Unit
	18.09.23-23.09.23	Unit 2: Function of Several Variables
	25.09.23-30.09.23	<ul style="list-style-type: none"> Partial Differentiation With Euler's Theorem And It's Applications, Total Derivatives
October	02.10.23-07.10.23	<ul style="list-style-type: none"> Change of Variables, Concept of Tangent Plane And Normal to a Surface
	09.10.23-14.10.23	<ul style="list-style-type: none"> Maxima And Minima of Two Variables
	16.10.23-21.10.23	<ul style="list-style-type: none"> Revision of Unit
	23.10.23-28.10.23	Unit 3: Applications of Definite Integral: Area Between Two Curves
	30.10.23-04.10.23	<ul style="list-style-type: none"> Polar Coordinates, Cylindrical And Spherical
November	06.11.23-09.11.23	<ul style="list-style-type: none"> Coordinates, Graphs of Polar Coordinates, Area Between Two Curves, Length of a Curve
	10.11.23-13.11.23	Diwali Vacations
	17.11.23-19.11.23	<ul style="list-style-type: none"> Surface Area, Area of Surface of Revolution, Method of Lagrange Multipliers
	20.11.23-26.11.23	<ul style="list-style-type: none"> Double Integral, Volumes And Areas, Change of Variable in a Double Integral, Special Case: Polar Coordinates
	27.11.23-30.11.23	<ul style="list-style-type: none"> Triple Integral Triple Integral And

		Revision of Unit
December	04.12.23-09.12.23	Unit 4: Continuity And Differentiability of Vector Functions, Unit Tangent Vector, Vector Fields
	11.12.23-16.12.23	<ul style="list-style-type: none"> Directional Derivatives, Gradient, Divergence And Curl of a Vector Field Line Integrals, Surface Integrals
	18.12.23-26.12.23	<ul style="list-style-type: none"> Line Integrals, Surface Integrals, Green's Theorem, Gauss Divergence Theorem, Stokes Theorem
	27.12.23 Onwards	Examinations

Lesson Plan (Session 2023-2024)
Even Semester

Name of the Faculty: Mrs. Mitu Nagpal
Mathematics:

Nomenclature of the Paper:

Differential

Equations

Class : B.Sc. B.Ed. Sem. II

Paper Code: Core Course 3(II)

Month	Week	Topics
January	13.01.24-20.01.24	Unit 1: <ul style="list-style-type: none"> Linear Equations And Equations Reducible to Linear Form
	22.01.24-27.01.24	<ul style="list-style-type: none"> Exact Differential Equations, Integrating Factors, First Order And Higher Degree Equations Solvable, For X, Y, P.
	29.01.24-03.02.24	<ul style="list-style-type: none"> Clairaut's Form And Singular Solutions Equations With Constant Coefficients
February	05.02.24-10.02.24	<ul style="list-style-type: none"> Geometric Meaning of a Differential Equation
	12.02.24-17.02.24	<ul style="list-style-type: none"> Orthogonal Trajectories, Linear Differential
	19.02.24-24.02.24	<ul style="list-style-type: none"> Homogeneous Linear Ordinary Differential Equations
	26.02.24-02.03.24	Unit 2: <ul style="list-style-type: none"> Ordinary Simultaneous Differential Equations
March	04.03.24-09.03.24	<ul style="list-style-type: none"> Total Differential Equations, Linear Differential Equations of Second Order
	11.03.24-16.03.23	<ul style="list-style-type: none"> Transformation of the Equation by Changing Dependent Independent Variable
	18.03.24-22.03.24	<ul style="list-style-type: none"> Method of Variation of Parameters
	23.03.24-25.03.24	Holi Vacations
	26.03.24-31.03.24	Unit 3: <ul style="list-style-type: none"> Series Solution of Differential Equations,
April	01.04.24-06.04.24	<ul style="list-style-type: none"> Power Series Method, Bessel Equations
	08.04.24-13.04.24	<ul style="list-style-type: none"> Legendre And Hyper Geometric Equations
	15.04.24-20.04.24	<ul style="list-style-type: none"> Bessel Equations
	22.04.24-27.04.24	<ul style="list-style-type: none"> Legendre And Hyper Geometric Functions And Their Elementary Properties
	29.04.24-04.05.24	<ul style="list-style-type: none"> Legendre And Hyper Geometric

		Elementary Properties
May	06.05.24-11.05.24	Unit 4: <ul style="list-style-type: none"> Partial Differential Equations of the First Order
	13.05.24-18.05.24	<ul style="list-style-type: none"> Lagrange's Solution
	20.05.24-25.05.24	<ul style="list-style-type: none"> Some Special Type of Equations Which can be Solved Easily by Methods Other than the General Method
	27.05.24-31.05.24	<ul style="list-style-type: none"> Charpit General Method of Solution.
June	01.06.24-19.06.24	<ul style="list-style-type: none"> Revision And Test
	20.06.24 Onwards	Examinations

Lesson Plan (Session 2023-2024)

Semester -Odd

Name of the Faculty: Mrs. Mitu Nagpal

Nomenclature of the Paper: Work Education
(Agriculture Practice)-I
Paper Code: WEAP 101

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

Month	Week	Topics to be Covered
July	21.07.23-31.07.23	Unit 1: Agriculture <ul style="list-style-type: none"> • Meaning, Definition, Scope,
August	01.08.23-05.08.23	<ul style="list-style-type: none"> • History of Agriculture
	07.08.23-12.08.23	<ul style="list-style-type: none"> • Branches of Agriculture, Objectives of Agriculture
	14.08.23-19.08.23	<ul style="list-style-type: none"> • Revision of Unit
	21.08.23-26.08.23	Unit 2: Soil Science <ul style="list-style-type: none"> • Definition of Pedology
	28.08.23-31.08.23	<ul style="list-style-type: none"> • Soil Management , Soil Erosion
September	01.09.23-09.09.23	<ul style="list-style-type: none"> • Soil Conservation Practices; Structure Of Soil
	11.09.23-16.09.23	<ul style="list-style-type: none"> • Soil Profile; Soil Fertility And Productivity, Essential Plant Nutrients
	18.09.23-23.09.23	<ul style="list-style-type: none"> • Fertilizers And Manures Including Bio fertilizers. Identification of Manures And Fertilizers
	25.09.23-30.09.23	<ul style="list-style-type: none"> • Revision of Unit
October	02.10.23-07.10.23	Unit 3: Irrigation <ul style="list-style-type: none"> • Definition
	09.10.23-14.10.23	<ul style="list-style-type: none"> • Method of Irrigation
	16.10.23-21.10.23	<ul style="list-style-type: none"> • Systems of Irrigation
	23.10.23-28.10.23	<ul style="list-style-type: none"> • Drainage, Irrigation Pattern of India
	30.10.23-04.10.23	Horticulture <ul style="list-style-type: none"> • Definition, Branches of Horticulture
November	06.11.23-09.11.23	<ul style="list-style-type: none"> • Layout of Orchards, Propagation by Seeds And by Vegetative Means
	10.11.23-13.11.23	Diwali Vacations
	17.11.23-19.11.23	<ul style="list-style-type: none"> • Pot Filling Technique; Planning, Planting And Maintaining Lawn; Practice Related to Landscaping
	20.11.23-26.11.23	Unit 4:

December		<ul style="list-style-type: none"> • Agricultural Practices: Preparation of Land
	27.11.23-30.11.23	<ul style="list-style-type: none"> • Selection of Seeds, Watering, Thinning
	04.12.23-09.12.23	<ul style="list-style-type: none"> • Hoeing And Weeding, Harvesting of Crop
	11.12.23-16.12.23	<ul style="list-style-type: none"> • Identification of Important Agricultural Tools, Trees And Crop Plants. Minor Project Preparation on Agriculture
	18.12.23-26.12.23	<ul style="list-style-type: none"> • Revision of Unit
	27.12.23 Onwards	Examinations

LESSON PLAN (Session 23-24)

Semester -Even

Class : B.A.B.Ed 2nd Sem

Name of the faculty: Dr. Gurmeet Kaur

Paper code: PECG 102

paper Name: Chidhood & Growing Up

Month	Week	Topics to be covered
January	01.01.24-06.01.24	Learner as a Developing Individual and individual differences among learners <ul style="list-style-type: none">Developmental Influences: Development as a resultant of interactions between individual potential (innate, acquired) and external environment (physical, socio-cultural, economic and technological).
	08.01.24-13.01.24	<ul style="list-style-type: none">Nature and nurture, continuity and discontinuity and growth and maturation issues.The understanding of cognitive and affective processes influencing the development of the learner and their applications in classroom teaching.
	15.01.24-20.01.24	<ul style="list-style-type: none">Dimensions of differences in psychological attributes—cognitive abilities, interest, aptitude, creativity, personality, values.Revision Test
	22.01.24-27.01.24	<ul style="list-style-type: none">Understanding learners from multiple intelligence perspective with a focus on Gardner's theory of multipleintelligence. Differences in learners based on predominant 'learning styles'.
	29.01.24-03.02.24	Development and Learning <ul style="list-style-type: none">Meaning and principles of development, relationship between development and learning
February	05.02.24-10.02.24	<ul style="list-style-type: none">Dimensions of individual development: physical, cognitive, language, emotional, social and moral,
	12.02.24-17.02.24	<ul style="list-style-type: none">Stages of development—developmental tasks with focus on processes growth and development across various stages from infancy to post adolescence (special emphasis on concerns of adolescence).
	19.02.24-24.02.24	<ul style="list-style-type: none">Interrelationships and implications for teachers (relevant ideas of Piaget, Erikson and Kohlberg).Revision Test
	26.02.24-02.03.24	Perspectives on human learning: Behaviourist (conditioning paradigm in brief): <ul style="list-style-type: none">Concepts and principles of each perspective and their applicability in different learning situations
March	04.03.24-09.03.24	<ul style="list-style-type: none">Cognitivist and Social Cognitivist (Bandura), Information-Processing view, Humanist, Social-

		Constructivist Social Cognitive Learning (drawing selectively on the ideas of Skinner, Piaget, Rogers, Vygotsky).
	11.03.24-16.03.24	<ul style="list-style-type: none"> • Role of teacher in teaching- learning situations: a) transmitter of knowledge, b) model, c) facilitator, d) negotiator, e) co- learner. (The focus is on building understanding of different psychological perspectives of learning and helping student teachers to learn to apply them in different learning situations).
	18.03.24-22.03.24	<ul style="list-style-type: none"> • Relevance and applicability of various theories of learning for different kinds of learning situations • Role of learner in various learning situations, as seen in different theoretical perspectives
	23.03.24-25.03.24 26.3.24-30-3-24	Holi Vacations <ul style="list-style-type: none"> • Revision Test
April	1.04.24-06.04.24	Learning in ‘Constructivist’ Perspective <ul style="list-style-type: none"> • Distinctions between learning as ‘construction of knowledge’ and learning as ‘transmission and reception of knowledge’.
	08.04.24-13.04.24	<ul style="list-style-type: none"> • Social-Constructivist perspective (also Bruner and Ausubel’s perspective) • Revision Test
	15.04.24-20.04.24	<ul style="list-style-type: none"> • Vygotsky’s ideas in teaching. • Creating facilitative learning environment
	22.04.24-27.04.24	Understanding processes that facilitate ‘construction of knowledge’: <ul style="list-style-type: none"> • Experiential learning and reflection • Social mediation • Revision Test
	29.04.24-30.04.24	<ul style="list-style-type: none"> • Cognitive negotiability • Situated learning and cognitive apprenticeship Meta-cognition
May	01.05.24 onwards	Examinations

LESSON PLAN(Session2023-24)

Semester--Odd

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

Paper Code: PEBE 101

Name of the faculty: Dr Rekha Sharma

Name of the Paper: Basics in Education

Month	Week	Topic
July	21.07.23- 22.07.23	Meaning, Nature, Purpose and Importance of Education: Education as a purpose of development (individual, social and harmonious).
	24.07.23-29.07.23	Education as an intentional (intellectual and self- critical) and unintentional. Agencies of education: Family, Society and Institute.
August	31.07.23-05.08.23	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.
	07.08.23-12.08.23	Concept, Meaning and Nature of Knowledge and Knowing. Differentiate between information, knowledge, belief and truth
	14.08.23-19.08.23	Knowing Process: Different ways of knowing, Knowledge construction, Process of Construction of Knowledge
	21.08.23-26.08.23	Relative roles of knower and known in knowledge transmission and construction, Limitations of knowing, role of culture in knowing.
	28.08.23-02.09.23	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	04.09.23-09.09.23	Reflection on knowledge in the form of curriculum, syllabus and textbooks.
	11.09.23-16.09.23	Autonomy of teacher- why, what and to what extent. Difference between autonomy and freedom.
	18.09.23-23.09.2	Relationship between autonomy and accountability. Hindering factors that affect teacher's autonomy

	25.09.23-30.09.23	Autonomy of learner- why, what and to what extent, Restrains on learners in schools. Learning without burden, Joyful, collaborative and cooperative learning.
October	02.10.23-07.09.23	Concept and nature of values – Relative and absolute .Education with reference to human rights and values
	09.10.23-14.10.23	Values prevalent in Indian constitution and society.
	16.10.23-21.10.23	Education is a normative endeavor
	23.10.23-28.10.23	Process of value formation in schools and out of school and its impact on learners value perspective .
	30.10.23-04.11.23	Role of education in transmission of value in society .
November	06.11.23-09.11.23	School system to nurture a culture of peace
	10.11.23-13.11.23 17.11.23-18.11.23	Diwali vacations 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	Revision And Test
	18.12.23-23.12.23	Revision And Test

LESSON PLAN(Session2023-24)

Semester—Odd

Class: B.A. B.Ed SEM-1

Name of the faculty: Ms. Gulnar

Paper code: Eco 101

Name of the paper: Microeconomics

Month	Week	Topics to be covered
July	21.07.23 - 22.07.23	Unit -1 <ul style="list-style-type: none">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
	24.07.23 -29.07.23	<ul style="list-style-type: none">Economic Problems: Scarcity andChoice, Scope of Economic Theoryand EconomicProblems. Problems of Allocation of Resources, Production, Distribution of NationalProduct, Economic Efficiency, Problem of Full Employment of Resources
August	01.08.23 - 05.08.23	<ul style="list-style-type: none">Problem of Economic Growth and Scarcity, Problem of Affluence, Positive Economics and Normative Economics, Unit -2 <ul style="list-style-type: none">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.
	07.08.23 - 12.08.23	<ul style="list-style-type: none">Utility analysis and it's measurements, Cardinal and Ordinal approach of demand, Indifference curve analysis.
	14.08.23 - 19.08.23	<ul style="list-style-type: none">Factors of production, Law of supply and it's factors affecting, Production function, Law of variable proportion, Return to scale.
	21.08.23 - 26.08.23	<ul style="list-style-type: none">Isoquant, Choice of inputs, Changes in factor prices, The Expansion path of linear, Homogenous production function.
	28.08.23-2.09.23	<ul style="list-style-type: none">Concept of cost, Short and long run cost, Economies and Diseconomies, Cost curves and derivation, PPC and it's shifting.
September	04.09.23 - 09.09.23	Unit -3 <ul style="list-style-type: none">Concept of revenue and it's relationships, Market structure, it's objectives and equilibrium conditions of firm.
	11.09.23 - 16.09.23	<ul style="list-style-type: none">Perfect competition.

	18.09.23 - 23.09.23	<ul style="list-style-type: none"> Monopoly.
	25.09.23-30.09.23	<ul style="list-style-type: none"> Monopolistic competition.
October	02.10.23 - 07-10.23	Unit -4 <ul style="list-style-type: none"> Concept of productivity, Marginal productivity theory of distribution, Distribution theory of imperfect product and factor market.
	09.10.23-14.10.23	<ul style="list-style-type: none"> Factor pricing under perfect competition and monopoly, Adding up theorem, Theory of wage.
	16.10.23 - 21.10.23	<ul style="list-style-type: none"> Recardian theory of rent, Modern theory of rent, Scarcity rent, Differential rent and Quassi-rent.
	23.10.23 - 28.10.23	<ul style="list-style-type: none"> Classical theory of interest, Keynes Liquidity Preference theory of interest.
	30.10.23 - 04.11.23	<ul style="list-style-type: none"> Schumpeterian theory of innovation and F. H. Knight's risk and uncertainty of interest.
November	06.11.23 - 9.11.23	<ul style="list-style-type: none"> Oligopoly.
	10.11.23-13.11.23	Diwali Vacations
	17.11.23 -18.11.23	<ul style="list-style-type: none"> MPP, VMP, MRP
	20.11.23 - 25.11.23	<ul style="list-style-type: none"> Elasticity of demand.
	27.11.23 - 02.12.23	<ul style="list-style-type: none"> Consumer equilibrium Consumer surplus.
December	04.12.23 - 09.12.23	<ul style="list-style-type: none"> Revision Tests
	11.12.23 - 16.12.23	<ul style="list-style-type: none"> Revision Tests
	18.12.23 – 23.12.23	<ul style="list-style-type: none"> Revision Tests

LESSON PLAN(Session 2023-24)

Semester--Even

Class : B.A B.Ed 2nd Sem

Paper Code: Eco 102

Name of the faculty: Ms. Gulnar

Name of the Paper: Indian Economy

Month	Week	Topics to be covered
January		Unit-1 <ul style="list-style-type: none"> Basic feature of Indian economy, Natural Resources, Huma n Resources.
	13.01.24 - 20.01.24	
	22.01.24 - 27.01.24	<ul style="list-style-type: none"> Broad demographic features, Causes and problem of over population, population policy.
	29.01.24 - 03.01.24	<ul style="list-style-type: none"> Problems of poverty, Inequality, Unemployment and Inflation in India, Composition of GDP.
February	05.02.24 - 10.02.24	Unit-2 <ul style="list-style-type: none"> Nature and importance, Trends in agriculture production and productivity, Factor determining the low productivity of agriculture.

	12.02.24 -17.02.24	<ul style="list-style-type: none"> Land Reforms, New agricultural strategy and Green revolution, Rural credit, Agriculture marketing.
	19.02.24 - 24.02.24	<ul style="list-style-type: none"> Food security and public distribution system, Role and Pattern of growth of industrialization during plan periods in India.
	26.02.24 - 02.03.24	<ul style="list-style-type: none"> Industrial policy - 1948,1956 and 1991, MRTP Act.
March	04.03.24 - 09.03.24	<ul style="list-style-type: none"> Problems of the growth of small- scale and Large - scale industries, Privatization and disinvestment debate, Industrial finance.
	11.03.24-16.03.24	Unit-3 <ul style="list-style-type: none"> Meaning and importance of infrastructural development in India, social and economic infrastructural development in India.
	18.03.24-22.03.24 23.03.24-25.03.24 26.03.24-30.03.24	<ul style="list-style-type: none"> Special Economic Zone(SEZ), Agri- Export Zone(AEZ). Holi Vacations Growth and pattern of IT industries, outsourcing, Role of RBI in financial sectors reforms.
April	01.04.24 - 06.04.24	<ul style="list-style-type: none"> Role of state in fiscal sector reforms.
	08.04.24 - 13.04.24	<ul style="list-style-type: none"> Money and capital market in India.
	15.04.24 - 20.04.24	<ul style="list-style-type: none"> Working of SEBI in India, EXIM policy.
	22.04.24 - 27.04.24	<ul style="list-style-type: none"> Exchange rate policy, Progress of trade reform in India.
	29.04.24 - 04.05.24	<ul style="list-style-type: none"> Unit-4 Indian economy on the eve of independence, FDI and MNCs in India.
May	06.05.24 - 11.05.24	<ul style="list-style-type: none"> Planning in India - its objectives, strategies, achievement and failure.
	13.05.24 - 18.05.24	<ul style="list-style-type: none"> New Economic Reforms - LPG.
	20.05.24 - 25.05.24	<ul style="list-style-type: none"> WTO and its impact on different sectors of the Indian economy.
	27.05.24 - 01.06.24	<ul style="list-style-type: none"> Revision and Test.
June	03.06.24 - 15.06.24	<ul style="list-style-type: none"> Revision and Test.

LESSON PLAN(Session 23-24)

Semester-Odd

Name of the Faculty: Deepa Rani Name of the Paper: Introduction to Literature

Class: B.A B.Ed 1st Sem

paper code:ENG -101

Month	Week	Topics to be covered
July	21.07.23-22.07.23	Unit 1: <ul style="list-style-type: none">• Meaning of Literature
	24.07.23-29.07.23	<ul style="list-style-type: none">• Literature and Language
August	31.08.23-05.08.23	<ul style="list-style-type: none">• Literature, society and culture
	07.08.23-12.08.23	<ul style="list-style-type: none">• Literature and Education
	14.08.23-19.08.23	<ul style="list-style-type: none">• Ordinary Vs. Literary Language
	21.08.23-26.08.23	<ul style="list-style-type: none">• Literature and Figurative Language
	28.08.23-02.09.23	Unit 2: <ul style="list-style-type: none">• Old English or Anglo-Saxon Period
September	04.09.23-09.09.23	<ul style="list-style-type: none">• Middle English Period
	11.09.23-16.09.23	<ul style="list-style-type: none">• The Renaissance
	18.09.23-23.09.23	<ul style="list-style-type: none">• Elizabethan Age
	25.09.23-30.09.23	<ul style="list-style-type: none">• Jacobean Age
October	02.10.23-07.10.23	<ul style="list-style-type: none">• Caroline Age, Commonwealth Period or Puritan Interregnum
	09.10.23-14.10.23	<ul style="list-style-type: none">• The Neoclassical Period
	16.10.23-21.10.23	<ul style="list-style-type: none">• The Restoration Age
	23.10.23-28.10.23	<ul style="list-style-type: none">• The Augustan Age or Age of Pope
	30.10.23-04.11.23	<ul style="list-style-type: none">• The Age Of Sensibility or Age of Johnson
November	06.11.23-09.11.23	Unit 3: <ul style="list-style-type: none">• The Romantic Period
	10.11.23-13.11.23	Diwali Vacations
	14.11.23-18.11.23	<ul style="list-style-type: none">• The Victorian Period
	20.11.23-25.11.23	<ul style="list-style-type: none">• The Pre- Raphaelites, Aestheticism and Decandence

	27.11.23-02.12.23	<ul style="list-style-type: none"> • The Edwardian Period
December	04.12.23-09.12.23	Unit 4: <ul style="list-style-type: none"> • The Modern Period
	11.12.23-16.12.23	<ul style="list-style-type: none"> • The Georgian Period
	18.12.23-23.12.23	<ul style="list-style-type: none"> • Post Modern Period, Revision and Test

LESSON PLAN(Session 23-24)
Semester-Even

Class: B.A.B.Ed.Sem-2nd

Paper Code: ENG 102

Name of the Faculty: Deepa Rani

Name of the Paper: English Poetry

Month	Week	Topics
January	13.01.24 - 20.01.24	Unit 1: <ul style="list-style-type: none"> William Shakespeare : Shall I Compare Thee to a Summer's Day
	22.01.24 - 27.01.24	<ul style="list-style-type: none"> John Donne : The Sun Rising
	29.01.24 - 03.01.24	<ul style="list-style-type: none"> John Milton : On His Blindness
February	05.02.24 - 10.02.24	<ul style="list-style-type: none"> John Dryden: Shadwell
	12.02.24-17.02.24	<ul style="list-style-type: none"> William Blake: The Tiger
	19.02.24-24.02.24	Unit 2: <ul style="list-style-type: none"> William Wordsworth: The Daffodils
	26.02.24-02.03.24	<ul style="list-style-type: none"> John Keats: Ode to Nightingale
March	04.03.24-09.03.24	<ul style="list-style-type: none"> Shelley: Ode to the West Wind
	11.03.24-16.03.24	<ul style="list-style-type: none"> Matthew Arnold: Dover Beach
	18.03.24-22.03.24	<ul style="list-style-type: none"> Lord Alfred Tennyson: Tears, Idle Tears
	23.03.24-25.03.24	Holi Vacations
	26.03.24-30.03.24	Unit 3: <ul style="list-style-type: none"> Robert Browning: My Last Duchess
April	01.04.24-06.04.24	<ul style="list-style-type: none"> T.S. Eliot: The Hollow Men
	08.04.24-13.04.24	<ul style="list-style-type: none"> Wilfred Owen: Strange Meeting W.B. Yeats: Sailing to Byzantium
	15.04.24-20.04.24	<ul style="list-style-type: none"> W.H. Auden: The Unknown Citizen
	22.04.24-27.04.24	Unit 4: <ul style="list-style-type: none"> Literary Term: Simile, Metaphor, Alliteration, Poetic License
	29.04.24-04.05.24	<ul style="list-style-type: none"> Ode, Allegory Pun, Refrain, Sonnet, Elegy,
May	06.05.24-11.05.24	<ul style="list-style-type: none"> Lyric, Ballad, Blank Verse
	13.05.24-18.05.24	<ul style="list-style-type: none"> Epic, Free Verse, Heroic Couplet

	20.05.24-25.05.24	<ul style="list-style-type: none"> Schools of Poetry: Elizabethan Poetry, Metaphysical Poetry, Classical Poetry, Graveyard Poetry, Romantic Poetry
	27.05.24-01.06.24	<ul style="list-style-type: none"> Pre-Raphaelite Poetry, Victorian, Modernand Contemporary English Poetry
June	03.06.24-15.06.24	<ul style="list-style-type: none"> Revision and Test.

LESSON PLAN (Session 2023-2024)
Semester – 1st

Class : B.A B.Ed 1st Semester
Paper code : GEO 101

Name of the faculty : Suman Devi
Nomenclature of the paper: Principles of Geography

Month	Week	Topics to be covered
July	21.07.23-22.07.23	Meaning , Nature and scope of geography
	24.07.23-29.07.23	Approaches of Geography
August	31.07.23-05.08.23	Fundamental Concepts
	07.08.23-12.08.23	Origin of the Earth
	14.08.23-19.08.23	Shape, Size and movement of the earth
	21.08.23-26.08.23	Major land forms and Water Bodies
	28.08.23-2.09.23	Internal Structure of the earth
September	04.09.23-09.09.23	Physical processes
	11.09.23-16.09.23	Endogenetic Processes
	18.09.23-23.09.23	Exogenetic Processes
	25.09.23-30.09.23	Distribution and growth of World population
October	02.10.23-07-10.23	Principles of Human adaptation and adjustment
	09.10.23-14.10.23	Human Modification of the Earth
	16.10.23-21.10.23	Meaning and types of regions, Regionalization
	23.10.23-28.10.23	Natural Regions of the World
	30.10.23-04.11.23	Cultural regions of the world
November	06.11.23-10.11.23	Revision
	10.11.23-13.11.23	Dipawali Vacations
	17.11.23-18.11.23	Geographical regions of the world
	20.11.23-25.11.23	Human Modification
	28.11.23-30.11.23	Revision
December	01.12.23-26.12.23	Revision
	27.12.23 To Onwards	Examination

LESSON PLAN (Session 2023-2024)
Semester – 2nd

Class :B.A B.Ed 2nd Semester

Name of the faculty : Suman Devi

Paper code :GEO 102
:Geomorphology

Nomenclature of the paper

Month	Week	Topics to be covered
January	13.01.24-20.01.24	Geological time scale
	22.01.24-27.01.24	Fundamental concepts: uniformitarianism, evolution
	29.01.24-03.02.24	Dynamic equilibrium
February	05.02.24-10.02.24	Isostasy, continental drift theory, theory of plate tectonics
	12.02.24-17.02.24	Geomorphic Processes: Weathering, Erosion and Mass wasting their impact on landforms
	19.02.24-24.02.24	Cycle of erosion
	26.02.24-02.03.24	Slope evolution
March	04.03.24-09.03.24	Influence of lithology and structure on landforms
	11.03.24-16.03.24	Fold and faulted structure
	18.03.24-22.03.24	River channels forms and pattern
	23.03.24-25.03.24	Holi Vacations
April	01.04.24-06.04.24	Geomorphic agents
	08.04.24-13.04.24	Geomorphic process
	15.04.24-20.04.24	Resultant features of geomorphic process
	22.04.24-27.04.24	Fluvial process
	29.04.24-30.04.24	Aeolian process
May	01.05.24-04.05.24	Glacial process
	06.05.24-11.05.24	Marine process
	13.05.24-18.05.24	Karst process
	20.05.24-25.05.24	Revision
	27.05.24-31.05.24	Revision
June	01.06.24-15.06.24	Revision
	20.06.24 onwards	Examinations

LESSON PLAN(Session 2023-24)
Semester:Odd

Class :B.A B.Ed 1st Semester

Paper code : Hindi -101

Name of the faculty :Dr. Neelam Panwar

Name of the paper : Hindi-101

Month	Week	Topics to be covered
July	21.07.23-22.07.23	Unit 1: <ul style="list-style-type: none"> Bhasai Kaushlo Ka Aadharbhut Vikas:- Sharvan Kaushal, Maukhik-Abhivyakti Kaushal.
	24.07.23-29.07.23	<ul style="list-style-type: none"> Lekhan Kaushal, Pathan Kaushal.
August	31.07.23-05.08.23	<ul style="list-style-type: none"> Likhit Evam Mauhik Bhasha Ki Bhumika.
	07.08.23-12.08.23	<ul style="list-style-type: none"> Boli Swikrit Vikasshil Bhashaye.
	14.08.23-19.08.23	<ul style="list-style-type: none"> Bhasa ki Vishesta Evam Mahtav.
	21.08.23-26.08.23	Unit-2 <ul style="list-style-type: none"> Hindi Bhasa Ki Dhavni Vavastha Evam Lipi.
	28.08.23-2.09.23	<ul style="list-style-type: none"> Devnagri Ki Vishestaye Evam Gun Dosh.
September	04.09.23-09.09.23	<ul style="list-style-type: none"> Sampreshan Mei Dhavani Evam Lipi Ka Mahtav.
	11.09.23-16.09.23	<ul style="list-style-type: none"> Sampreshan Dakhtao Ka Samvardhan.
	18.09.23-23.09.23	Unit-3 <ul style="list-style-type: none"> Sampreshan Ki Aavdharna, Sampreshan Ke Parkar. Sampreshan Mei Sharirik Hav-Bhav Ki Bhumika.
	25.09.23-30.09.23	<ul style="list-style-type: none"> Parbhavi Sampreshan Ke Tatav, Sampreshan Ke Avrodh.
October	02.10.23-07-10.23	<ul style="list-style-type: none"> Sampreshan Mei Uchharan Evam Viram Chinho Ki Bhumika.
	09.10.23-14.10.23	Unit-4 <ul style="list-style-type: none"> Sanchar Takniki, Avdharna, Parkarti, Parkar.
	16.10.23-21.10.23	<ul style="list-style-type: none"> Bhasai Kaushal Ke Vikas Mei Suchna Evam Takniki Ki Bhumika.
	23.10.23-28.10.23	<ul style="list-style-type: none"> E-mail Lekhan.
	30.10.23-04.11.23	<ul style="list-style-type: none"> Bio-data.
November	06.11.23-10.11.23	<ul style="list-style-type: none"> Samuh Vimarsh.
	10.11.23-13.11.23	<ul style="list-style-type: none"> Dipawali Vacations
	17.11.23-18.11.23	<ul style="list-style-type: none"> Samajik Samvedna Evam Jagrukta ke Vikas Mei Bhasa Evam Social Media Ki Bhumika.
	20.11.23-25.11.23	<ul style="list-style-type: none"> Vyaktitav Evam Aatam-vishwas ke Vikas Mei Bhasa Evam Sanchar Madhyamo Ki Bhumika.
	28.11.23-30.11.23	<ul style="list-style-type: none"> Revision of Syllabus
December	01.12.23-26.12.23	<ul style="list-style-type: none"> Revision of Syllabus
	27.12.23 To Onwards	<ul style="list-style-type: none"> Examination

LESSON PLAN(Session 2023 -24)

Class :B.A B.Ed. 2nd Semester

Paper code : Hindi -102

Name of the faculty: Dr.Neelam Panwar

Paper Name :Madhyakalin Kavya Ka Vikas

Month	Week	Topics to be covered
January	13.01.24-20.01.24	Unit-1 <ul style="list-style-type: none">• Hindi Madhyakalin Kavya ka Vikas.
	22.01.24-27.01.24	<ul style="list-style-type: none">• Nirgun Bhakti Kavi.
	29.01.24-03.02.24	<ul style="list-style-type: none">• Kabirdas.
February	05.02.24-10.02.24	<ul style="list-style-type: none">• Nirgun Bhakti Kavi:-Ravidas.
	12.02.24-17.02.24	<ul style="list-style-type: none">• Nirgun Bhakti Kavi:-Gurunanak Dev.
	19.02.24-24.02.24	<ul style="list-style-type: none">• Sufi Kavya Dhara Ke Kavi
	26.02.24-02.03.24	<ul style="list-style-type: none">• Jaysi vai Ushki Kavita.
March	04.03.24-09.03.24	<ul style="list-style-type: none">• Namdev Vai Ushki Kavita ki Vishestaye.
	11.03.24-16.03.24	<ul style="list-style-type: none">• Rajjab Vai Ushki Kavita ki Vishestaye.
	18.03.24-22.03.24	<ul style="list-style-type: none">• Malukdas Vai Ushki Kavyagat Vishestaye.
	23.03.24-25.03.24	Holi Vacations
April	01.04.24-06.04.24	Unit-2 <ul style="list-style-type: none">• Sagun Bhakti Dhara ke Parmukh Kavi.
	08.04.24-13.04.24	<ul style="list-style-type: none">• Surdas:-Janam Parichai, Kavyagat Vishestaye.
	15.04.24-20.04.24	<ul style="list-style-type: none">• Tulsidas:- Janam Parichai, Kavyagat Vishestaye.
	22.04.24-27.04.24	Unit-3 <ul style="list-style-type: none">• Krishan Bhakti Kavya:-• Mirabai Ka Janam Parichai Vai Ushke Kavya Ki Vishestaye.
	29.04.24-30.04.24	<ul style="list-style-type: none">• Raskhan Ka Janam Parichai Vai Kavyagat Vishestaye.
May	01.05.24-04.05.24	Unit-4 <ul style="list-style-type: none">• Kavya ke Vividh Rup:- Kavya ka Arth, Kavya Ki Paribhasa.
	06.05.24-11.05.24	<ul style="list-style-type: none">• Kavya ke Parkar, Kavya Ke Gun Vai Dosh.
	13.05.24-18.05.24	<ul style="list-style-type: none">• Shabd Shaktiyo ka Aarth, Paribhasa Vai Parkar.
	20.05.24-25.05.24	<ul style="list-style-type: none">• Alankar Aarth, Paribhasa Vai Parkar.
	27.05.24-31.05.24	<ul style="list-style-type: none">• Chhand Vai Ushke Parkar.
June	01.06.24-15.06.24	<ul style="list-style-type: none">• Revision Of Syllabus
	20.06.24 onwards	<ul style="list-style-type: none">• Examinations

LESSON PLAN (Session 23-24)**Semester -Odd****Class : B.A B.ed 1st sem****Name of the faculty: Mrs. Suman Rani****Paper code: His 101****Name of the paper: History**

Month	Week	Topics to be covered
July	21.07.23-22.07.23	Name of Country: Aryavarta, Jambudweepa, Bharat,India
	24.07.23-29.07.23	. Indian Culture: salient features, Vedic Culture and Civilization: States, Society, Economicand Religion
August	31.08.23-05.08.23	Varnashramsystem, Shodash Sanskars:Purusharthas
	07.08.23-12.08.23	Impact of Ramayan and Mahabharat of Indiansociety
	14.08.23-19.08.23	Cultural importance ofPuranas
	21.08.23-26.08.23	Contribution of Jainism and Buddhism to Indianculture.
	28.08.23-2.09.23	Vaishnavism, Shaivism andShaktism
September	04.09.23-09.09.23	Development of Science in ancient Bharat up toGuptas
	11.09.23-16.09.23	Development of Art and Architecture: Maurayns, Post Mauryans (Mathura and Gandhara schools of Art) and Guptas
	18.09.23-23.09.23	Art and Architecture in South India: Pallavas andCholas
	25.09.23-30.09.23	Art and Architecture: Sultanat and Mughal Period: Major Buildings,Sculpture
October	02.10.23-07-10.23	Six systems of IndianPhilosophy
	09.10.23-14.10.23	Bhakti cult
	16.10.23-21.10.23	Sufism
	23.10.23-28.10.23	Main Centres of Ancient IndianEducation
	30.10.23-04.11.23	Greater India: Expansion of Indian cultureabroad
November	06.11.23-9.11.23	Revision test
	10.11.23-13.11.23	Diwali vacations
	14.11.23-18.11.23	Revision test
	20.11.23- 26.11.23	

	27.11.23- 02.12.23	Revision test
December	04.12.23-09.12.23 11.12.23-16.12.23 18.12.23-23.12.23	Revision Test

Lesson Plan:2023-24**Semester:-Even****Paper Code: His 102****Class: B.A B.Ed 2nd sem****Faculty name: Suman Rani Khaket****Name of the Paper: History**

Month	Week	Topics to be covered
January	13.01.24-20.01.24	Beginning of New Era: Renaissance and Reformation
	22.01.24 - 27.01.24	Industrial Revolution: Causes, Consequences
	29.01.24 - 03.01.24	Emergence of New classes. American War of Independence: Nature and causes, Events of struggle and significance.
February	05.02.24 - 10.02.24	French Revolution: Causes, main events and its impact.
	12.02.24-17.02.24	France under Napoleon Bonaparte and Vienna Settlement
	19.02.24-24.02.24	Unification of Italy and Germany
	26.02.24-02.03.24	Foreign Policy of Bismarck: His Diplomacy and Policy of Secret Alliances
March	04.03.24-09.03.24	Eastern question with special reference to Crimean war and Berlin settlement.
	11.03.24-16.03.24	Colonial expansion of European powers in Asia, Africa and Latin America
	18.03.24-22.03.24	First World war: Causes and Results
	23.03.23-25.03.23	Holi vacations
	26.03.24-30.03.24	Paris Settlement and League of Nations.
April	01.04.24-06.04.24	Causes and consequences of Bolshevik Revolution,
	08.04.24-13.04.24	Economic and Social reconstruction of Russia.
	15.04.24-20.04.24	World Economic Depression (1924-30) Cultural Revolution in China
	22.04.24-27.04.24	Rise of Japan as an imperial power.
	29.04.24-04.04.24	Rise of Nazism and Fascism
May	06.05.24-1.06.24	Second World War: Causes and Results and Formation of UNO and its achievements
June	03.06.24-15.06.24	Revision and Test.

Lesson Plan

Session: 2023-2024

Paper: AEC2(I)

Class: B.A.B.ED 1ST SEM

Subject: Information and Communication

Technology (ICT) In Education-I

Teacher Incharge: Ms. Amrita

Month	week	Topic
July	21-07-23 to 22-07-23	How technology enhance learning: Basic theories of communication System theory and learning theory
	24-07-23 to 29-07-23	Historical account of the development of various educational media (audio, video, print, storage, display, projection)
August	01-08-2023 to 05-08-2023	Communication process and role of technology in communication
	07-08-2023 to 12-08-2023	Information and Communication Technology: Meaning, nature and advantages
	14-08-2023 to 19-08-2023	Media literacy and digital literacy-need and importance, Digital divide and enhancing access, National ICT policies, curriculum, Schemes and programmes
	21-08-2023 to 26-08-2023	Cyber security: privacy, hacking, Virus, spy ware, misuse, abuse, antivirus, firewall, and safe and ethical practices
	28-08-2023 to 31-08-2023	Computer hardware fundamentals (Anatomy, input devices, output devices, Storage devices, display devices)
September	01-09-2023 to 09-09-2023	Computer Networks-LAN, WAN, Internet –concept and architecture; Locating internet resources – browsing, navigating, searching, selecting, evaluating, saving and book marking
	11-09-2023 to 16-09-2023	Licenses – software license, document license, fare use and privacy; File formats and conversion, utility tools, Cloud Computing: meaning, types, and advantages
	18-09-2023 to 23-09-2023	Digitalization, Software- meaning and types Source and binary code, Proprietary software, open-source software Shareware and freeware – concept, philosophy, types, and advantages
	25-09-2023 to 30-09-2023	Operating system - meaning, types- Windows, Linux, Macintosh Navigating the desktop, control panel, file manager, explorer, and accessories
October	03-10-2023 to 07-10-2023	Software as Service - Online software tools and applications and their educational use Managing the ICT infrastructure: Software installation, troubleshooting of hardware
	9-10-2023 to 14-10-2023	seeking and providing help, storage and backup, updating and upgrading software

	16-10-2023 to 21-10-2023	Drawing tools- Diagram, concept maps, timelines, flow charts: educational applications of these tools Web 2.0 Technology and tools: meaning, characteristics and types
	23-10-2023 to 28-10-2023	Social networking and social bookmarking- educational applications Blog and micro blog – reflective journaling and other educational applications
	30-10-2023 to 31-10-2023	Wiki- collaborative authoring and projects, Instant messaging and its educational applications
November	02-11-2023 to 04-11-2023	Online forums/discussion groups and chats: educational applications
	06-11-2023 to 09-11-2023	Social media sharing – video, presentations, audio(podcasts), graphics, and text;
	10-11-23 to 13-11-2023	Diwali Vacations
	17-11-2023 to 25-11-2023	Web 2.0 tools for creating, sharing, collaborating, networking
	27-11-23 to 30-11-2023	Application software- meaning and types Word processing, spreadsheet, presentation: Features and educational applications (Unicode)
December	2-12-23 to 09-12-2023	Revision and Test
	11-12-23 to 16-12-2023	Revision and Test
	18-12-23 to 23-12-2023	Revision and Test

LESSON PLAN (Session- 23-24)

Semester -Odd

Department: Education Department

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

Name of the faculty: Ms. Deepa
SKILLS (ENGLISH) –I

Name of the paper: AEC1(I) LANGUAGE

Month	Week	Topics to be covered
July	21.07.23-22.07.23	Tenses:Simple Present: Habitual action, General truths, Future time
	24.07.23-29.07.23	Verbs of state, Verbs of perception, Verbs of sensation, Narration
August	31.08.23-05.08.23	Use of simple present for demonstration and commentaries, Present perfect
	07.08.23-12.08.23	present perfect continuous, Present continuous also indicative of future action
	14.08.23-19.08.23	Past continuous, Past perfect, past Perfect continuous
	21.08.23-26.08.23	Simple past: Past time reference, Present time reference, Future time reference
	28.08.23-02.09.23	Negotiating a point of view – learning to talk persuasively so as to get across one's perspective
September	04.09.23-09.09.23	Debating on an issue – agreeing / disagreeing
	11.09.23-16.09.23	Note making
	18.09.23-23.09.23	Note- taking
	25.09.23-30.09.23	Summary writing
October	02.10.23-07.10.23	Comprehension Skills
	09.10.23-14.10.23	Extracts from literary
	16.10.23-21.10.23	What is Journals
	23.10.23-28.10.23	scientific and educational journals
	30.10.23-04.11.23	scientific and educational journals
November	06.11.23-9.11.23	Advanced Writing Skills
	10.11.23-13.11.23	Diwali vacations
	14.11.23-18.11.23	writing advertisement
	20.11.23-25.11.23	Writing a project proposal and Writing Resume, sending an application.
	27.11.23-02.12.23	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	04.12.23-09.12.23	Revision and Test.
	11.12.23-16.12.23	Revision and Test.
	18.12.23-23.12.23	Revision and Test.

EVEN SEMESTER

Class: B.Sc.B.Ed. /B.A.B.Ed. Sem-2nd

Name of the Paper: AEC1 (II) :Language skills (ENGLISH)-II

Teacher IN Charge- Deepa

Month	Week	Topics to be covered
January	13.01.24 - 20.01.24	Function of Auxiliaries
	22.01.24 - 27.01.24	Modals
	29.01.24 - 03.01.24	Modals; Question Form
February	05.02.24 - 10.02.24	Clauses
	12.02.24-17.02.24	Noun Clause
	19.02.24-24.02.24	Reported Speech
	26.02.24-02.03.24	Change of Voice
March	04.03.24-09.03.24	To be based on the use of multiple texts which address issues of Multiculturalism
	11.03.24-16.03.24	Gender
	18.03.24-22.03.24	Racism and texts which relate with current issues and contemporary trends.
	23.03.24-25.03.24	Holi Vacations
	26.03.24-30.03.24	Short Stories
April	01.04.24-06.04.24	Comic strips
	08.04.24-13.04.24	Cartoons and Animations(both print and non-print media) to be used
	15.04.24-20.04.24	Speeches of famous Persons
	22.04.24-27.04.24	Diaries
	29.04.24-04.05.24	Travelogues can also be used.
May	06.05.24-11.05.24	Letter Writing (Professional and Personal)
	13.05.24-18.05.24	Writing Dialogue
	20.05.24-25.05.24	Poems and Essays
	27.05.24-01.06.24	Sounds of English Language, Intonation and Transcription using IPA
June	03.06.24-15.06.24	Revision and Test.

LESSON PLAN(Session2023-24)**Semester--Odd****Class: B.A/B.SC.B.Ed 1st SEM****Paper Code :AEC1****Nameofthefaculty:Dr.Gurmeet Kaur****Name of the paper:AEC HINDI**

Month	Week	Topic
July	21.07.23-22.07.23	Unit1 <ul style="list-style-type: none">• Hindi sahitya ka kaal vibhajan aur naamkaran
	24.07.23-29.07.23	<ul style="list-style-type: none">• Aadikaal ka Naamkaran aur Seema Nirdharan• Aadikaal ki paristhitiyan,Pravritiyan
August	31.07.23-05.08.23	<ul style="list-style-type: none">• Bhaktikaalin sahitya ka parichay paristhitiyan or Pravritiyan
	07.08.23-12.08.23	<ul style="list-style-type: none">• Santkavyadhara kavyadhara ka parichay
	14.08.23-19.08.23	<ul style="list-style-type: none">• Suphykavyadhara kavyadhara ka parichay
	21.08.23-26.08.23	<ul style="list-style-type: none">• Raamkavyadhara aur krishan kavyadhara ka parichy
	28.08.23-02.09.23	<ul style="list-style-type: none">• Krishan kavyadhara ka parichy
September	04.09.23-09.09.23	Unit2 <ul style="list-style-type: none">• Swatantratapurva Hindi Kahani Ka Vikas
	11.09.23-16.09.23	<ul style="list-style-type: none">• Chandradhar Sharma Guleri- Usne Kaha Tha
	18.09.23-23.09.2	<ul style="list-style-type: none">• Jayshankar Prasad- Puraskar
	25.09.23-30.09.23	<ul style="list-style-type: none">• Premchand- Panch Parmeshwar• .Jainendra- Ek Raat
October	02.10.23-07.09.23	Unit3 <ul style="list-style-type: none">• Swatantrayottar Hindi Kahani Ka Vikas
	09.10.23-14.10.23	<ul style="list-style-type: none">• Mohan Rakesh- Uski Roti
	16.10.23-21.10.23	<ul style="list-style-type: none">• Kamleshwar- Dilli Mein ek Maut
	23.10.23-28.10.23	<ul style="list-style-type: none">• Phanishwar Nath Renu- Teesari Kasam

	30.10.23-04.11.23	<ul style="list-style-type: none"> • Chif ki Dawat -Bhisham Sahni
November	06.11.23-09.11.23 10.11.23-13.11.23	Unit4 <ul style="list-style-type: none"> • Group Discussion [Samooch Charcha] • Diwali Holidays
	14.11.23-18.11.23	<ul style="list-style-type: none"> • Introduction – Definition – Characteristics – Types of Discussion –
	20.11.23-25.11.23	<ul style="list-style-type: none"> • Round table, Symposium forum etc. –
	27.11.23-02.12.23	<ul style="list-style-type: none"> • Relevance of Group Discussion – Exercises
December	04.12.23-23.12.23	<ul style="list-style-type: none"> • Revision And Test

LESSON PLAN(Session2023-24)**Semester--EVEN****Class;B.A/B.SC.B.Ed 2ND SEM****Name of the faculty : Dr.Gurmeet Kaur****Paper Code:AEC1****Name of the paper:AEC HINDI**

Month	Week	Topic
January	13.01.24-20.01.24	Unit1 <ul style="list-style-type: none">• Bharatendu yug ka parichay
	22.01.24-27.01.24	<ul style="list-style-type: none">• Dwivedi yug ka parichay
	29.01.24-03.02.24	<ul style="list-style-type: none">• Dwivedi yug ke kavi
February	05.02.24-10.02.24	<ul style="list-style-type: none">• Chhayavadi kavya ka parichay
	12.02.24-17.02.24	<ul style="list-style-type: none">• Chhayavadi yug ke kaviyon ka parichay
	19.02.24-24.02.24	<ul style="list-style-type: none">• Pragativadi kavya ka parichay
	26.02.24-02.03.24	<ul style="list-style-type: none">• Prayogvadi kavya ka parichay• Samkalin kavita ka parichay
March	18.03.24-22.03.23	<ul style="list-style-type: none">• Nai kavita ka parichay
	23.03.24-25.03.24	Unit2 <ul style="list-style-type: none">• Swatantratapurva Hindi Kavita Ka Vikas• Holi Vacations
	26.03.24-30.03.24	<ul style="list-style-type: none">• Maithilisanan Gupt- Nar Ho Na Nirash Karo Man ko• Jayshankar Prasad- Himadri Tung Sring Se Prabudh Sudhha Bharti
	25.03.24-30.03.24	<ul style="list-style-type: none">• Suryakant Tripathi Nirala- Joohi ki Kali
April	01.04.24-06.04.24	<ul style="list-style-type: none">• Sumitranandan Pant- Drut Jharo Jagat Ke Jirn Patra• Mahadevi Verma-MaiNeer Bhari Dhukh Ki Badli
	08.04.24-13.04.24	Unit3 <ul style="list-style-type: none">• Swatantrayottar Hindi Kavita Ka Vikas• Gajanan Madhav Muktibodh- Bhool Galti,

	15.04.24-20.04.24	<ul style="list-style-type: none"> • Kedarnath Agrawal- Chandra Gahna Se Lautati Ber
	22.04.24-27.04.24	<ul style="list-style-type: none"> • Raghveer Sahay- Aapki Hansi
	29.04.24-04.05.24	<ul style="list-style-type: none"> • Nagarjun- Aakal Aur Uske Bad • Kedarnath Singh- Aakal Me Saras
May	06.05.24-11.05.24	Unit4 <ul style="list-style-type: none"> • Meaning and definition and characteristics of conversation
	13.05.24-18.05.24	<ul style="list-style-type: none"> • Styles of conversation – Higher order skills
	20.05.24-25.05.24	<ul style="list-style-type: none"> • Telephonic conversation, Role Play, – Models,
	27.05.24-01.06.24	<ul style="list-style-type: none"> • Revision and Test
June	03.06.24-15.06.24	<ul style="list-style-type: none"> • Revision and Test

Lesson plan
Session:23-24

Class:- B.Sc.B.Ed II Sem.

Paper Code: AEC2(II)

Name:- Karamjit Kaur

Name of the Paper: Information And

Communication Technology In Education-II

Month	Week	Topics to be covered
January	01.01.24-06.01.24	ICT and Pedagogy <ul style="list-style-type: none"> Approaches to integrating ICT in teaching and learning. Techno pedagogical content knowledge (TPCK).E-learning: concept, types, characteristics, advantages and limitations. E-learning tools and technologies, Learning Management Systems (LMS).
	08.01.24-13.01.24	<ul style="list-style-type: none"> Web quest and virtual field trips: concept, process, and use in the classroom.Subject specific ICT tools for creating and facilitating learning.Designing technology integrated authentic learning designs and experiences.
	15.01,24-20.01.24	<ul style="list-style-type: none"> ICI integrated Unit plan – Web 2.0 for creating constructivist learning environment. Assistive technology for special needs and inclusion: tools and processes, ICT and Universal design for Learning (UDL).
	22.01.24-27.01.24	ICT for Assessment: Online and offline assessment tools – rubrics, e-portfolio, survey tools, puzzle makers, test generators, reflective journal, question bank
	29.01.24-03.02.24	<ul style="list-style-type: none"> Learning theories – implications for instructional design E-learning courseware (e-content) design
February	05.02.24-10.02.24	<ul style="list-style-type: none"> Identifying and organizing course content: need analysis(learner, content, task), learning objectives, course sequence. Designing instructional media, evaluation, and delivery strategies.
	12.02.24-17.02.24	<ul style="list-style-type: none"> Creating interactive content – story board, courseware outline, interactivity and interface. Courseware delivery and evaluation. Reusable learning objects (RLO)– meaning, types and characteristics, RLO repositories, metadata and standards.
	19.02.24-24.02.24	<ul style="list-style-type: none"> E-content authoring tools- open source and proprietary alternatives. Open Educational Resources – Meaning and importance, various OER initiatives, creative common licensing
	26.02.24-02.03.24	<ul style="list-style-type: none"> ICT for personal management: email, task, events, diary, networking.

		<ul style="list-style-type: none"> ICT for educational administration: scheduling, record keeping, student information, electronic grade book, connecting with parents and community, Library Automation.
March	04.03.24-09.03.24	<ul style="list-style-type: none"> ICT for professional development: tools and opportunities. Electronic teaching portfolio- concept, types, tools, portfolio as a reflective tool for professional development. Self-directed professional development: role of ICT.
	11.03.24-16.03.24	<ul style="list-style-type: none"> Teacher networks and community of practice, web conferencing- tools and techniques. Technology and design based research and its pedagogical implications for professional development.
	18.03.24-22.03.24	Emerging Trends in ICT and its educational implications: augmented reality, 3D printing, learning analytics, digital games, artificial intelligence
	23.03.24-25.03.24	Holi Vacations
April	01.04.24-06.04.24	Instructional Design and E-content <ul style="list-style-type: none"> Instructional Design – concept, principles, models and stages of instructional design.
	08.04.24-13.04.24	<ul style="list-style-type: none"> Basic Photography Aesthetics Types of Camera and Microphones Multi Camera Setup Various Formats of Video and Audio Shot Division/ Types of Shot Sizes and their impact on narrative/ continuity
	15.04.24-20.04.24	<ul style="list-style-type: none"> Genres in Video Communication Steps in the Video Production Multimedia tools- Audio editing, video editing, screen casting, graphic editing, and basics of animation, and creating interactive media.
	22.04.24-27.04.24	Designing, developing and using Massive Open Online Courses (MOOCs)
	29.04.24-30.04.24	Test and doubt session
May	01.05.24 onwards	Examinations

LESSON PLAN (Session 23-24)

Semester -Odd

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

Paper code: PEBE 101

Name of the Faculty: Mrs. Karamjit Kaur
In Education

Name of the paper: PEBE 101: Basics

Month	Week	Topics to be covered
July	21.07.23-22.07.23	Unit 1 <ul style="list-style-type: none">• Meaning, Nature, Purpose and Importance of Education
	24.07.23-29.07.23	<ul style="list-style-type: none">• Education as a purpose of development (individual, social and harmonious).• Education as an intentional (intellectual and self-critical) and unintentional.
August	31.08.23-05.08.23	<ul style="list-style-type: none">• Agencies of education: Family, Society and Institute.
	07.08.23-12.08.23	<ul style="list-style-type: none">• Processes and Modes of Education: Education is a natural and social process.
	14.08.23-19.08.23	<ul style="list-style-type: none">• Education as an ability to question and imagine alternatives. Education in schools and its linkage with outside school experience
	21.08.23-26.08.23	Unit 2 Knowledge and Knowing <ul style="list-style-type: none">• Concept, Meaning and Nature of Knowledge and Knowing.
	28.08.23-2.09.23	<ul style="list-style-type: none">• Differentiate between information, knowledge, belief and truth.• Limitation of knowing culture• Test
September	04.09.23-09.09.23	<ul style="list-style-type: none">• Differentiate between information, knowledge, belief and truth.• Knowledge construction, Process of Construction of Knowledge.
	11.09.23-16.09.23	<ul style="list-style-type: none">• Knowing Process: Different ways of knowing.• Relative roles of knower and known in knowledge transmission• Test
	18.09.23-23.09.23	<ul style="list-style-type: none">• Facets of knowledge: Different facets of knowledge and relationship,• local and universal,• concrete and abstract,• theoretical and practical,• contextual and textual, Unit 4

		Education and Values <ul style="list-style-type: none"> • Concept and nature of values- Relative and absolute.
	25.09.23-30.09.23	<ul style="list-style-type: none"> • School and out of school with an emphasis on understanding special attributes of school knowledge
October	02.10.23-07-10.23	Education and Values <ul style="list-style-type: none"> • Concept and nature of values- Relative and absolute. • Education with reference to human rights and values. Values prevalent in Indian Constitution and society
	09.10.23-14.10.23	<ul style="list-style-type: none"> • Reflection on knowledge in the form of curriculum, syllabus and textbooks.
	16.10.23-21.10.23	Unit 3 Difference between autonomy and freedom. Teacher's autonomy and its importance in enriching learning environment. <ul style="list-style-type: none"> • Autonomy of learner- why, what and to what extent, Restrains on learners in schools.
	23.10.23-28.10.23	<ul style="list-style-type: none"> • Relationship between autonomy and accountability. • Test
	30.10.23-04.11.23	<ul style="list-style-type: none"> • 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
	06.10.23-10.11.23	<ul style="list-style-type: none"> • Education is a normative endeavour. • Process of value formations in schools and out of schools and its impact on learners' value perspective.
Vacations	10.11.23-13.11.23	Diwali Vacations
November	14.11.23-18.11.23	<ul style="list-style-type: none"> • School and out of school with an emphasis on understanding special attributes of school knowledge. • Revision And Test
	20.11.23-25.11.23	<ul style="list-style-type: none"> • Hindering factors that affect teacher's autonomy.
	27.11.23-02.12.23	Revision And Test

December	04.12.23-9.12.23	Autonomy of Teacher and Learner Autonomy of teacher- why, what and to what extent.
	11.12.23-16.12.23	Revision And Test Knowledge construction, Process of Construction of Knowledge
	18.12.23-23.12.23	Difference between autonomy and freedom. Teacher's autonomy and its importance in enriching learning environment.

Lesson Plan (Session2023-2024)

Semester -Odd

Name of the Faculty: Mrs. Mitu Nagpal

Nomenclature of the Paper: Work Education
(Agriculture Practice)-I

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

Paper Code: WEAP 101

Month	Week	Topics to be Covered
July	21.07.23-31.07.23	Unit 1: Agriculture <ul style="list-style-type: none">• Meaning, Definition, Scope,
August	01.08.23-05.08.23	<ul style="list-style-type: none">• History of Agriculture
	07.08.23-12.08.23	<ul style="list-style-type: none">• Branches of Agriculture, Objectives of Agriculture
	14.08.23-19.08.23	<ul style="list-style-type: none">• Revision of Unit
	21.08.23-26.08.23	Unit 2: Soil Science <ul style="list-style-type: none">• Definition of Pedology
	28.08.23-31.08.23	<ul style="list-style-type: none">• Soil Management , Soil Erosion
September	01.09.23-09.09.23	<ul style="list-style-type: none">• Soil Conservation Practices; Structure Of Soil
	11.09.23-16.09.23	<ul style="list-style-type: none">• Soil Profile; Soil Fertility And Productivity, Essential Plant Nutrients
	18.09.23-23.09.23	<ul style="list-style-type: none">• Fertilizers and Manures Including Bio fertilizers. Identification of Manures And Fertilizers
	25.09.23-30.09.23	<ul style="list-style-type: none">• Revision of Unit
October	02.10.23-07.10.23	Unit 3: Irrigation <ul style="list-style-type: none">• Definition
	09.10.23-14.10.23	<ul style="list-style-type: none">• Method of Irrigation
	16.10.23-21.10.23	<ul style="list-style-type: none">• Systems of Irrigation
	23.10.23-28.10.23	<ul style="list-style-type: none">• Drainage, Irrigation Pattern of India
	30.10.23-04.10.23	Horticulture <ul style="list-style-type: none">• Definition, Branches of Horticulture
November	06.11.23-09.11.23	<ul style="list-style-type: none">• Layout of Orchards, Propagation by Seeds And by Vegetative Means
	10.11.23-13.11.23	Diwali Vacations
	17.11.23-19.11.23	<ul style="list-style-type: none">• Pot Filling Technique; Planning, Planting And Maintaining Lawn; Practice Related to Landscaping
	20.11.23-26.11.23	Unit 4: <ul style="list-style-type: none">• Agricultural Practices: Preparation of Land

	27.11.23-30.11.23	<ul style="list-style-type: none"> • Selection of Seeds, Watering, Thinning
December	04.12.23-09.12.23	<ul style="list-style-type: none"> • Hoeing And Weeding, Harvesting of Crop
	11.12.23-16.12.23	<ul style="list-style-type: none"> • Identification of Important Agricultural Tools, Trees And Crop Plants. Minor Project Preparation on Agriculture
	18.12.23-26.12.23	<ul style="list-style-type: none"> • Revision of Unit
	27.12.23 Onwards	Examinations

Lesson Plan (Session 23-24)

Semester -Odd

Name of the Faculty: Mrs. Mitu Nagpal
Calculus

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

Nomenclature of the Paper: Advanced

Paper Code: Core Course 3(I)

Month	Week	Topics to be Covered
July	21.07.23-31.07.23	Unit 1: Tangent And Normal
August	01.08.23-05.08.23	<ul style="list-style-type: none"> Sub Tangent And Subnormal (Cartesian And Polar Forms)
	07.08.23-12.08.23	<ul style="list-style-type: none"> Derivative of an Arc, Pedal Equations
	14.08.23-19.08.23	<ul style="list-style-type: none"> Curvature
	21.08.23-26.08.23	<ul style="list-style-type: none"> Asymptotes, Multiple Points
	28.08.23-31.08.23	<ul style="list-style-type: none"> Curve Tracing Function of Several Variables
September	01.09.23-09.09.23	<ul style="list-style-type: none"> Envelops And Evaluates
	11.09.23-16.09.23	<ul style="list-style-type: none"> Revision of Unit
	18.09.23-23.09.23	Unit 2: Function of Several Variables
	25.09.23-30.09.23	<ul style="list-style-type: none"> Partial Differentiation With Euler's Theorem And It's Applications, Total Derivatives
October	02.10.23-07.10.23	<ul style="list-style-type: none"> Change of Variables, Concept of Tangent Plane And Normal to a Surface
	09.10.23-14.10.23	<ul style="list-style-type: none"> Maxima And Minima of Two Variables
	16.10.23-21.10.23	<ul style="list-style-type: none"> Revision of Unit
	23.10.23-28.10.23	Unit 3: Applications of Definite Integral: Area Between Two Curves
	30.10.23-04.10.23	<ul style="list-style-type: none"> Polar Coordinates, Cylindrical And Spherical
November	06.11.23-09.11.23	<ul style="list-style-type: none"> Coordinates, Graphs of Polar Coordinates, Area Between Two Curves, Length of a Curve
	10.11.23-13.11.23	Diwali Vacations
	17.11.23-19.11.23	<ul style="list-style-type: none"> Surface Area, Area of Surface of Revolution, Method of Lagrange Multipliers
	20.11.23-26.11.23	<ul style="list-style-type: none"> Double Integral, Volumes And Areas, Change of Variable in a Double Integral, Special Case: Polar Coordinates
	27.11.23-30.11.23	<ul style="list-style-type: none"> Triple Integral Triple Integral And

		Revision of Unit
December	04.12.23-09.12.23	Unit 4: Continuity And Differentiability of Vector Functions, Unit Tangent Vector, Vector Fields
	11.12.23-16.12.23	<ul style="list-style-type: none"> Directional Derivatives, Gradient, Divergence And Curl of a Vector Field Line Integrals, Surface Integrals
	18.12.23-26.12.23	<ul style="list-style-type: none"> Line Integrals, Surface Integrals, Green's Theorem, Gauss Divergence Theorem, Stokes Theorem
	27.12.23 Onwards	Examinations

Lesson Plan (Session 2023-2024)		
Even Semester		
Name of the Faculty: Mrs. Mitu Nagpal		Nomenclature of the Paper: Differential Equations
Class : B.Sc. B.Ed. Sem. II		Paper Code: Core Course 3(II)
Month	Week	Topics
January	13.01.24-20.01.24	Unit 1: <ul style="list-style-type: none"> Linear Equations And Equations Reducible to Linear Form
	22.01.24-27.01.24	<ul style="list-style-type: none"> Exact Differential Equations, Integrating Factors, First Order And Higher Degree Equations Solvable, For X, Y, P.
	29.01.24-03.02.24	<ul style="list-style-type: none"> Clairaut's Form And Singular Solutions Equations With Constant Coefficients
February	05.02.24-10.02.24	<ul style="list-style-type: none"> Geometric Meaning of a Differential Equation
	12.02.24-17.02.24	<ul style="list-style-type: none"> Orthogonal Trajectories, Linear Differential
	19.02.24-24.02.24	<ul style="list-style-type: none"> Homogeneous Linear Ordinary Differential Equations
	26.02.24-02.03.24	Unit 2: <ul style="list-style-type: none"> Ordinary Simultaneous Differential Equations
March	04.03.24-09.03.24	<ul style="list-style-type: none"> Total Differential Equations, Linear Differential Equations of Second Order
	11.03.24-16.03.23	<ul style="list-style-type: none"> Transformation of the Equation by Changing Dependent Independent Variable
	18.03.24-22.03.24	<ul style="list-style-type: none"> Method of Variation of Parameters
	23.03.24-25.03.24	Holi Vacations
	26.03.24-31.03.24	Unit 3: <ul style="list-style-type: none"> Series Solution of Differential Equations,
April	01.04.24-06.04.24	<ul style="list-style-type: none"> Power Series Method, Bessel Equations
	08.04.24-13.04.24	<ul style="list-style-type: none"> Legendre And Hyper Geometric Equations
	15.04.24-20.04.24	<ul style="list-style-type: none"> Bessel Equations
	22.04.24-27.04.24	<ul style="list-style-type: none"> Legendre And Hyper Geometric Functions And Their Elementary Properties
	29.04.24-04.05.24	<ul style="list-style-type: none"> Legendre And Hyper Geometric Elementary Properties
May	06.05.24-11.05.24	Unit 4: <ul style="list-style-type: none"> Partial Differential Equations of the First Order
	13.05.24-18.05.24	<ul style="list-style-type: none"> Lagrange's Solution
	20.05.24-25.05.24	<ul style="list-style-type: none"> Some Special Type of Equations Which can be Solved Easily by Methods Other than the General Method
	27.05.24-31.05.24	<ul style="list-style-type: none"> Charpit General Method of Solution.
June	01.06.24-19.06.24	<ul style="list-style-type: none"> Revision And Test
	20.06.24 Onwards	Examinations

Lesson Plan (Session 2023-2024)

Semester -Odd

Name of the Faculty: Mrs. Mitu Nagpal

Nomenclature of the Paper: Work

Education(Agriculture Practice)-I

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

Paper Code: WEAP 101

Month	Week	Topics to be Covered
July	21.07.23-31.07.23	Unit 1:Agriculture <ul style="list-style-type: none"> Meaning, Definition, Scope,
August	01.08.23-05.08.23	<ul style="list-style-type: none"> History of Agriculture
	07.08.23-12.08.23	<ul style="list-style-type: none"> Branches of Agriculture, Objectives of Agriculture
	14.08.23-19.08.23	<ul style="list-style-type: none"> Revision of Unit
	21.08.23-26.08.23	Unit 2:Soil Science <ul style="list-style-type: none"> Definition of Pedology
	28.08.23-31.08.23	<ul style="list-style-type: none"> Soil Management , Soil Erosion
September	01.09.23-09.09.23	<ul style="list-style-type: none"> Soil Conservation Practices; Structure Of Soil
	11.09.23-16.09.23	<ul style="list-style-type: none"> Soil Profile; Soil Fertility And Productivity, Essential Plant Nutrients
	18.09.23-23.09.23	<ul style="list-style-type: none"> Fertilizers And Manures Including Bio fertilizers. Identification of Manures And Fertilizers
	25.09.23-30.09.23	<ul style="list-style-type: none"> Revision of Unit
October	02.10.23-07.10.23	Unit 3:Irrigation <ul style="list-style-type: none"> Definition
	09.10.23-14.10.23	<ul style="list-style-type: none"> Method of Irrigation
	16.10.23-21.10.23	<ul style="list-style-type: none"> Systems of Irrigation
	23.10.23-28.10.23	<ul style="list-style-type: none"> Drainage, Irrigation Pattern of India
	30.10.23-04.10.23	Horticulture <ul style="list-style-type: none"> Definition, Branches of Horticulture
November	06.11.23-09.11.23	<ul style="list-style-type: none"> Layout of Orchards, Propagation by Seeds And by Vegetative Means
	10.11.23-13.11.23	Diwali Vacations
	17.11.23-19.11.23	<ul style="list-style-type: none"> Pot Filling Technique; Planning, Planting And Maintaining Lawn; Practice Related to Landscaping
	20.11.23-26.11.23	Unit 4:Agricultural Practices: Preparation of Land
	27.11.23-30.11.23	<ul style="list-style-type: none"> Selection of Seeds, Watering, Thinning
December	04.12.23-09.12.23	<ul style="list-style-type: none"> Hoeing And Weeding, Harvesting of Crop
	11.12.23-16.12.23	<ul style="list-style-type: none"> Identification of Important Agricultural Tools, Trees And Crop Plants. Minor Project Preparation on Agriculture
	18.12.23-26.12.23	<ul style="list-style-type: none"> Revision of Unit
	27.12.23 Onwards	Examinations

Lesson Plan (Session 2023-2024) Even Semester Name of the Faculty: Mrs. Mitu Nagpal Nomenclature of the Paper: Work Education (Agriculture Practice)- II Class : B.A. B.Ed./B.Sc. B.Ed. Sem. II Paper Code: WEAP 102		
Month	Week	Topics to be Covered
January	13.01.24-20.01.24	Unit 1:Identification <ul style="list-style-type: none"> Seeds of common crops
	22.01.24-27.01.24	<ul style="list-style-type: none"> Seeds of common vegetables Important weeds
	29.01.24-03.02.24	<ul style="list-style-type: none"> Manures commonly used Fertilizers commonly used
February	05.02.24-10.02.24	<ul style="list-style-type: none"> Revision of the unit
	12.02.24-17.02.24	Unit 2:Seeds and Seedlings <ul style="list-style-type: none"> Characteristics of a good seed for sowing
	19.02.24-24.02.24	<ul style="list-style-type: none"> Calculation of germination percentage of seeds Planting seeds and transplanting seedling
	26.02.24-02.03.24	<ul style="list-style-type: none"> Raising seedlings in a nursery Study about green-house
March	04.03.24-09.03.24	<ul style="list-style-type: none"> Revision of the unit
	11.03.24-16.03.23	Unit III:Ornamental gardening <ul style="list-style-type: none"> Identification of different summer flowers
	18.03.24-22.03.24	<ul style="list-style-type: none"> Identification of different winter flowers Identification of common hedge and creeper plants
	23.03.24-25.03.24	Holi Vacations
	26.03.24-31.03.24	<ul style="list-style-type: none"> Preparation and maintenance of rockeries and borders Preparation and maintenance of borders through hedge and flower plantation
April	01.04.24-06.04.24	Horticulture Practices <ul style="list-style-type: none"> Agro forestry and related concepts
	08.04.24-13.04.24	<ul style="list-style-type: none"> Potting and repotting practices
	15.04.24-20.04.24	<ul style="list-style-type: none"> Practices related to production of important flowering plants
	22.04.24-27.04.24	<ul style="list-style-type: none"> Collection of different types of seeds
	29.04.24-04.05.24	<ul style="list-style-type: none"> Preparation of a project
May	06.05.24-11.05.24	<ul style="list-style-type: none"> Revision of the unit
	13.05.24-18.05.24	Unit IV: General Field practices <ul style="list-style-type: none"> Earthing

	20.05.24-25.05.24	<ul style="list-style-type: none"> • Planting • Hoeing
	27.05.24-31.05.24	<ul style="list-style-type: none"> • Weeding • Watering of plants
June	01.06.24-19.06.24	<ul style="list-style-type: none"> • Revision And Test
	20.06.24 Onwards	Examinations

Lesson plan(session 23-24)

Even semester

Class : B.Sc.B.Ed 2nd Sem.

Paper code: PECG 102

Name of the faculty: Mrs Karamjit Kaur

Name of the paper: PECG 102:

Childhood And Growing Up

Month	Week	Topics to be covered
January	01.01.24-06.01.24	Learner as a Developing Individual and individual differences among learners <ul style="list-style-type: none"> Developmental Influences: Development as a resultant of interactions between individual potential (innate, acquired) and external environment (physical, socio-cultural, economic and technological).
	08.01.24-13.01.24	<ul style="list-style-type: none"> Nature and nurture, continuity and discontinuity and growth and maturation issues. The understanding of cognitive and affective processes influencing the development of the learner and their applications in classroom teaching.
	15.01.24-20.01.24	<ul style="list-style-type: none"> Dimensions of differences in psychological attributes—cognitive abilities, interest, aptitude, creativity, personality, values. Revision Test
	22.01.24-27.01.24	<ul style="list-style-type: none"> Understanding learners from multiple intelligence perspective with a focus on Gardner's theory of multipleintelligence. Differences in learners based on predominant 'learning styles'.
	29.01.24-03.02.24	Development and Learning <ul style="list-style-type: none"> Meaning and principles of development, relationship between development and learning
February	05.02.24-10.02.24	<ul style="list-style-type: none"> Dimensions of individual development: physical, cognitive, language, emotional, social and moral,
	12.02.24-17.02.24	<ul style="list-style-type: none"> Stages of development—developmental tasks with focus on processes growth and development across various stages from infancy to post adolescence (special emphasis on concerns of adolescence).
	19.02.24-24.02.24	<ul style="list-style-type: none"> Interrelationships and implications for teachers (relevant ideas of Piaget, Erikson and Kohlberg). Revision Test
	26.02.24-02.03.24	Perspectives on human learning: Behaviourist (conditioning paradigm in brief): <ul style="list-style-type: none"> Concepts and principles of each perspective and their applicability in different learning situations
March	04.03.24-09.03.24	<ul style="list-style-type: none"> Cognitivist and Social Cognitivist (Bandura), Information-Processing view, Humanist, Social-

		Constructivist Social Cognitive Learning (drawing selectively on the ideas of Skinner, Piaget, Rogers, Vygotsky).
	11.03.24-16.03.24	<ul style="list-style-type: none"> • Role of teacher in teaching- learning situations: a) transmitter of knowledge, b) model, c) facilitator, d) negotiator, e) co- learner. (The focus is on building understanding of different psychological perspectives of learning and helping student teachers to learn to apply them in different learning situations).
	18.03.24-22.03.24	<ul style="list-style-type: none"> • Relevance and applicability of various theories of learning for different kinds of learning situations • Role of learner in various learning situations, as seen in different theoretical perspectives
	23.03.24-25.03.24	Holi Vacations
April	01.04.24-06.04.24	Learning in ‘Constructivist’ Perspective <ul style="list-style-type: none"> • Distinctions between learning as ‘construction of knowledge’ and learning as ‘transmission and reception of knowledge’.
	08.04.24-13.04.24	<ul style="list-style-type: none"> • Social-Constructivist perspective (also Bruner and Ausubel’s perspective) • Revision Test
	15.04.24-20.04.24	<ul style="list-style-type: none"> • Vygotsky’s ideas in teaching. • Creating facilitative learning environment
	22.04.24-27.04.24	Understanding processes that facilitate ‘construction of knowledge’: <ul style="list-style-type: none"> • Experiential learning and reflection • Social mediation • Revision Test
	29.04.24-30.04.24	<ul style="list-style-type: none"> • Cognitive negotiability • Situated learning and cognitive apprenticeship Meta-cognition
May	01.05.24 onwards	Examinations

Lesson plan

Session: 2023-2024

CLASS: B.Sc B.Ed I SEM

TEACHER IN CHARGE: Ms. SHASHI

SUBJECT: BOTANY- DIVERSITY OF MICROBES AND LOWER PLANTS

PAPER CODE:101

Month	Week	Topics
July	21 July to 22 July	Unit I- Viruses and Bacteria: Introduction to viruses and bacteria
	24 July to 29 July	Structure, multiplication of viruses
	31st July	Transmission of viruses
August	1 Aug. to 5 Aug.	Transmission and disease symptoms of viruses Structure and economic importance of Mycoplasma
	7 Aug. to 12 Aug.	Bacteria: Structure , Nutrition, Reproduction
	14 Aug. to 19 Aug.	Economic Importance of Bacteria and Gram's staining, Revision
	21 Aug. to 26 Aug.	General account and economic importance of Cyanobacteria.
	28 Aug. to 31 Aug.	Study of <i>Spirulina, Nostoc</i>
September	1 Sept. to 2 Sept.	Study of <i>Oscillatoria</i>
	4 Sept. to 9 Sept.	Revision, Oral Testing of Unit- I Unit II- Algae : General account of occurrence, structure, thallus organisation, reproduction, economic importance and classification
	11 Sept. to 16 Sept.	Study of the structure, reproduction and life- cycle of : Chlorophyceae: <i>Chlamydomonas, Volvox</i>
	18 Sept. to 23 Sept.	<i>Oedogonium</i> Phaeophyceae: <i>Sargassum</i>
	25 Sept. to 30 Sept.	Rhodophyceae: <i>Polysiphonia, Batrachospermum</i>
October	2 Oct. to 7 Oct.	Bacillariophyceae: General account, structure and reproduction of diatom, economic importance.
	10 Oct. to 14 Oct.	Unit III- Fungi: General account of occurrence, structure, thallus organisation, reproduction, economic importance and classification, Plant pathology
	16 Oct. to 21 Oct.	Study of the structure, reproduction and life- cycle of: Phycomycetes- <i>Albugo, Phytophthora</i>
	23 Oct. to 28 Oct.	Ascomycetes- <i>Yeast and Penicillium</i>
	30 Oct. to 31 Oct	Myxomycetes- <i>Stemonitis</i>
November	1 Nov. to 04 Nov.	Unit IV- Lichens: Basidiomycetes: <i>Puccinia</i>
	06 Nov. to 09 Nov.	<i>Agaricus</i>
	10 Nov. to 13 Nov.	Diwali Vacation
	14 Nov. to 18 Nov.	Oral or written test

		Revision Deuteromycetes: <i>Cercospora</i> , <i>Colletotrichum</i>
	20 Nov. to 25 Nov.	<i>Alternaria</i> Lichens- General account , characters, distribution, types
	27 Nov. to 30 Nov	Structure, reproduction and economic importance of Lichens.
December	1 Dec. to 2 Dec.	Revision
	4 Dec. to 9 Dec.	Revision
	11 Dec. to 16 Dec.	Revision
	18 Dec. to 23 Dec.	Revision

Lesson plan session: 2023-2024

Class: B.Sc. B.Ed II sem

Subject: botany 102 - Diversity of cryptogams

Teacher in charge: Ms. Shashi

MONTH	WEEK	TOPICS
January	13 Jan. to 20 Jan.	Unit I – Bryophytes: General characters, distribution, structure, reproduction, alternation of generations.
	22 Jan. to 27 Jan.	Classification and economic importance
	29 Jan. to 31 Jan.	Origin and affinities of bryophytes Study of morphology, anatomy and reproduction: Hepaticopsida- <i>Marchantia</i>: Morphology
February	1 Feb. to 3 Feb.	<i>Marchantia</i> : Anatomy, reproduction
	5 Feb. to 10. Feb.	<i>Marchantia</i> : Reproduction, life cycle Anthcerotopsida- <i>Anthoceros</i>: Morphology
	12 Feb. to 17 Feb.	<i>Anthoceros</i> : Anatomy , reproduction, life cycle
	19 Feb. to 24 Feb.	Bryopsida- <i>Funaria</i> : Morphology and anatomy
	26 Feb. 29 Feb.	<i>Fuanria</i> : Anatomy , reproduction, life cycle
March	1 Mar. to 2 Mar.	Oral and written test Revision
	4 Mar. to 9 Mar.	Unit II- Palaeobotany General account of geological time scale, Radio active carbon dating method
	11 Mar. to 16 Mar.	Types of fossils, fossilization process
	18 Mar. to 22 Mar.	Importance of fossils, Study of <i>Rhynia</i>
	23 Mar. to 25 Mar.	Holi Vacations
	26 Mar. to 30 Mar.	Study of <i>Calamites</i> , <i>Glossopteris</i>
April	1 Apr. to 6 Apr.	Unit III- Pteridophytes: General characters, distribution, structure, reproduction, alternation of generations, life cycle and classification Study of morphology, anatomy and reproduction: Psilopsida: <i>Psilotum</i>- Morphology, anatomy
	8 Apr. to 13 Apr.	<i>Psilotum</i> - Reproduction Lycopsida- <i>Lycopodium</i>: Morphology, anatomy
	15 Apr. to 20 Apr.	<i>Lycopodium</i> : Reproduction <i>Selaginella</i> : Morphology, anatomy

	22 Apr. to 27 Apr.	<i>Selaginella</i> : Reproduction Sphenopsida : <i>Equisetum</i> - Morphology, anatomy
	29 Apr. to 30 Apr.	Unit IV- Morphology, anatomy and reproduction: <i>Equisetum</i> : Reproduction
May	1 May to 4 May	Pteropsida - <i>Pteris</i> : Morphology, anatomy
	6 May to 11 May	<i>Pteris</i> : Reproduction
	13 May to 18 May	<i>Marsilea</i> : Morphology, anatomy
	20 May to 25 May	<i>Marsilea</i> : Reproduction
	27 May to 31 May	Evolution of stele in pteridophytes Origin and significance of evolution and heterospory
June	3 June to 8 June	Revision
	10 June to 15 June	Revision

LESSON PLAN(Session 23-24)

Even semester

Class : B.Sc.B.Ed. sem 2nd
Nomenclature of the paper: Physical Chemistry

Name of the faculty:Ms.Pinki

Month	Week	Topic to be covered
January	13.01.24- 20.01.24	Mathematical Concepts: Logarithmic relations, curve sketching, linear graphs and calculation of slopes, differentiation of functions like kx , ex , x^n , $\sin x$, $\log x$; maxima and minima.
	22.01.24- 27.01.24	Partial differentiation and reciprocity relations, Integration of some useful/relevant functions; permutations and combinations, Factorials, Probability Test
February	29.01.24- 03.02.24	Nuclear Chemistry: Radioactive decay – decay law, disintegration constant, half-life and average life, alpha and beta disintegration reactions, group displacement law.
	05.02.24- 10.02.24	Nuclear reactions fission, fusion, artificial radioactivity, applications of radioactivity, nuclear power, carbon dating, biological effects of various types of radiations, nuclear chemistry for peace, Nuclear chemistry in Medicine and diagnostic techniques Test
	12.02.24- 17.02.24	Liquid State: Intermolecular forces, structure of liquids (a qualitative description). Structural differences between solids, liquids and gases.
	19.02.24- 24.02.24	Liquid crystal: Difference between liquid crystal, solid and liquid, Classification, structure of nematic and cholesteric phases. Thermography and seven segment Test
	26.02.24- 02.03.24	Colloidal States: Definition of colloids, classification of colloids, Solids in liquids (sols): properties – kinetic, optical and electrical; stability of colloids, protective action, Hardy-Schulze law, gold number.
March	04.03.24- 09.03.24	Liquids in liquids (emulsions): types of emulsions, preparation, Emulsifier, Liquids in solids (gels): classification, preparation and properties, inhibition, general application of colloids, colloidal electrolytes.

	11.03.24-16.03.24	Structure of Ionic solids: Definition of space lattice, unit cell; Laws of crystallography – (i) Law of constancy of interfacial angles, (ii) Law of rationality of indices (iii) Law of symmetry, Symmetry elements in crystals.
	18.03.24-22.03.24 23.03.24- 25.03.24	X-ray diffraction by crystals, Derivation of Bragg's equation, Determination of crystal structure of NaCl, KCl and CsCl (Laue's method and powder method.,Test Holi vacations
	26.03.24- 31.03.24	Behaviour of Gases Gaseous States
	1.04.24-06.04.24	Postulates of kinetic theory of gases, deviation from ideal behaviour, Vander Waals' equation of state.
April	08.04.24-13.04.24	Critical Phenomena: PV isotherms of real gases, continuity of states, the isotherms of van der Waals equation, relationship between critical constants and Van der Waals' constants, the law of corresponding states, reduced equation of state.
	15.04.24- 20.04.24	Molecular Velocities: Root mean square, average and most probable velocities, Qualitative discussion of the Maxwell's distribution of molecular velocities.
	22.04.24- 27.04.24	Collision number, mean free path and collision diameter,Liquification of gases(based on joule -Thomson effect),Test
	29.04.24- 04.05.24	Thermodynamics • First Law of Thermodynamics: Statement, definition of internal energy and enthalpy.Heat capacity, heat capacities at constant volume and pressure and their relationship
	06.05.24- 11.05.24	Joule's law-Joule-Thomson coefficient and inversion temperature. Calculation of w, q, dU, &dH for the expansion of ideal gases under isothermal and adiabatic conditions for reversible process.,Test

May	13.05.24-18.05.24	<p>Temperature dependence of enthalpy.</p> <p>Kirchhoff's equation.</p> <p>Second law of thermodynamics: Need for the law, different statements of the law. Carnot cycle and its efficiency, Carnot theorem.</p>
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	20.05.24-25.05.24	<p>Thermodynamic scale of temperature.</p> <p>Concept of entropy: entropy as a state function, entropy as a function of V & T, entropy as a function of P & T, entropy change in physical change.</p>
June	27.05.24- 01.06.24	<p>Clausius inequality, entropy as a criteria of spontaneity and equilibrium.</p> <p>Entropy change in ideal gases and mixing of gases.</p>
	03.06.24- 08.06.24	<p>Third law of thermodynamics: Nernst heat theorem, statement and concept of residual entropy, evaluation of absolute entropy from heat capacity data.</p>
	10.06.24- 15.06.24	<p>Gibbs function (G) and Helmholtz function (A) as thermodynamic quantities, A & G as criteria for thermodynamic equilibrium and spontaneity, their advantage over entropy change.</p> <p>Variation of G with A with P, V and T.</p> <p>Revision</p>
	17.06.24 onwards	<p>Examination</p>

Lesson Plan

Session: 2023-2024

Paper: AEC2(I)

Class: B.A.B.ED 1ST SEM

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

Teacher Incharge: Ms. Amrita

Month	week	Topic
July	21-07-23 to 22-07-23	How technology enhance learning: Basic theories of communication System theory and learning theory
	24-07-23 to 29-07-23	Historical account of the development of various educational media (audio, video, print, storage, display, projection)
August	01-08-2023 to 05-08-2023	Communication process and role of technology in communication
	07-08-2023 to 12-08-2023	Information and Communication Technology: Meaning, nature and advantages
	14-08-2023 to 19-08-2023	Media literacy and digital literacy-need and importance, Digital divide and enhancing access, National ICT policies, curriculum, Schemes and programmes
	21-08-2023 to 26-08-2023	Cyber security: privacy, hacking, Virus, spy ware, misuse, abuse, antivirus, firewall, and safe and ethical practices
	28-08-2023 to 31-08-2023	Computer hardware fundamentals (Anatomy, input devices, output devices, Storage devices, display devices)
September	01-09-2023 to 09-09-2023	Computer Networks-LAN, WAN, Internet –concept and architecture; Locating internet resources – browsing, navigating, searching, selecting, evaluating, saving and book marking
	11-09-2023 to 16-09-2023	Licenses – software license, document license, fare use and privacy; File formats and conversion, utility tools, Cloud Computing: meaning, types, and advantages
	18-09-2023 to 23-09-2023	Digitalization, Software- meaning and types Source and binary code, Proprietary software, open-source software Shareware and freeware – concept, philosophy, types, and advantages
	25-09-2023 to 30-09-2023	Operating system - meaning, types- Windows, Linux, Macintosh Navigating the desktop, control panel, file manager, explorer, and accessories
October	03-10-2023 to 07-10-2023	Software as Service - Online software tools and applications and their educational use Managing the ICT infrastructure: Software installation, troubleshooting of hardware
	9-10-2023 to 14-10-2023	seeking and providing help, storage and backup, updating and upgrading software
	16-10-2023 to 21-10-2023	Drawing tools- Diagram, concept maps, timelines, flow charts: educational applications of these tools Web 2.0 Technology and tools: meaning, characteristics and types

	23-10-2023 to 28-10-2023	Social networking and social bookmarking- educational applications Blog and micro blog – reflective journaling and other educational applications
	30-10-2023 to 31-10-2023	Wiki- collaborative authoring and projects, Instant messaging and its educational applications
November	02-11-2023 to 04-11-2023	Online forums/discussion groups and chats: educational applications
	06-11-2023 to 09-11-2023	Social media sharing – video, presentations, audio(podcasts), graphics, and text;
	10-11-23 to 13-11-2023	Diwali Vacations
	17-11-2023 to 25-11-2023	Web 2.0 tools for creating, sharing, collaborating, networking
	27-11-23 to 30-11-2023	Application software- meaning and types Word processing, spreadsheet, presentation: Features and educational applications (Unicode)
December	2-12-23 to 09-12-2023	Revision and Test
	11-12-23 to 16-12-2023	Revision and Test
	18-12-23 to 23-12-2023	Revision and Test

LESSON PLAN (Session 23-24)

Semester -Odd

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

Name of the paper: Electrodynamics

Paper code: Phy 101

Name of the faculty: Ms. Bharti

Month	Week	Topics to be covered
July	21.07.23 - 22.07.23	Reference systems, inertial and non-inertial frames, Galilean transformation, Galilean invariance and conservation laws, propagation of light
	24.07.23 - 29.07.23	Michelson – Morley experiment. Postulates of the special theory of relativity, Lorentz transformations, length contraction
August	31.08.23 - 05.08.23	velocity addition theorem, variation of mass with velocity, mass-energy equivalence, particle with a zero rest mass.
	07.08.23 - 12.08.23	Motion under central force, Kepler's laws, Gravitational law and field, Potential due to a spherical body, Gauss and Poisson equations for gravitational potential,
	14.08.23 - 19.08.23	gravitational self-energy, Rigid body motion, Rotational motion, Moment of inertia and their products
	21.08.23 - 26.08.23	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.
	28.08.23-2.09.23	Potential well and periodic oscillations, cases of harmonic oscillations, different equations and its solutions, Kinetic and potential energy,
September	04.09.23 - 09.09.23	Simple Harmonic oscillations in – Spring and mass system, Simple and compound pendulum, Torsional pendulum
	11.09.23 - 16.09.23	Bifilar oscillations, Helmholtz resonator, LC circuits, Vibration of a magnet
	18.09.23 - 23.09.23	Oscillation of two masses connected by a spring, Superposition of two mutually perpendicular simple harmonic vibrations of same frequency, Lissajou's figures.
	25.09.23-30.09.23	Tests
October	02.10.23 - 07-10.23	Two coupled oscillators, normal modes, N-coupled oscillators, damped harmonic oscillators, Power dissipation,
	09.10.23-14.10.23	Quality factor, Driven harmonic oscillator, Transient and steady state, Power absorption, Resonance in system with many degrees of freedom.
	16.10.23 - 21.10.23	Noise and Music, The human ear and its responses, limits of human audibility, intensity and loudness,
	23.10.23 - 28.10.23	bel and decibel, the musical scale, temperament and musical instruments, Production and detection of ultrasonic and infrasonic waves and applications,

	30.10.23 - 04.11.23	Transducers and their characteristics, recording and reproduction of sounds, various systems, measurements of frequency
November	06.11.23 - 9.11.23 10.11.23-13.11.2023 14.11.23 - 18.11.23 20.11.23 - 25.11.23 27.11.23 - 02.12.23	Waveforms Diwali Vacations Ultrasonic waves intensity and velocity acoustics of halls Test reverberation period Test Sabine's formula
December	04.12.23 - 09.12.23 11.12.23 - 16.12.23 18.12.23 – 23.12.23	Revision and Tests.

LESSON PLAN

SESSION :- 2023-2024

CLASS :- B.Sc.B.E.d (2nd) SEM
TEACHER-IN-CHARGE :- Ms.BHARTI

SUBJECT :- PHYSICS
PAPER CODE:102

Month	Week	Topic
March	1st - 4 th	Dot product ,Triple vector product ,Gradient of scalar field and its geometrical interpretation
	13th -19th	Divergence and curl of a vector field , line Surface and volume intergral ,Test
	20th- 26th	Flux of a vector field , Gauss divergence theorem,Green's theorem
	27th- 31th	Stoke's theorem ,Function of two variables ,Function of three variables ,Partial derivatives
April	1st - 8 th	Geometrical interpretations of total differential of a function of two variables ,Geometrical interpretations of total differential of a function of three variables ,Higher order derivatives and its applications
	9th - 15 th	Elasticity,Small deformations,Test
	16th - 22th	Young's modulus,Bulk modulus,Modulus of rigidity for anisotropic solids
	23th - 30th	Poisson's ratio,Relation among elastic constants ,Theory of bending of beam
May	1st - 7 th	Cantiliver ,Torsion of a cylinder,Bending moments ,Shearing forces
	8th - 14 th	Kinematics of moving fluids,Equation of continuity,Euler's equation
	15th - 21st	Bernouli's theorem,Viscous fluids ,Streamline flow,Turbulent flow,Laminar flow
	23th - 31st	Poiseulle's law,Capillary flow ,Reynold's number,Stoke's law
June	1st - 7th	Surface tension,Surface energy,Molecular interpretations of surface tension,Pressure on a curved liquid surface
	8th - 14th	Wetting ,Wetting agents ,Numericals ,Molecular theory of

		surface tension
July	17th - 23th	Faraday's law ,Faraday's law in integral form,Faraday's law in differential form
	24th - 3st	Energy in a static magnetic field ,Measurement of self inductance by rayleigh's method ,Displacement current
August	1st - 6 th	Maxwell's displacement current ,Maxwell's equations in integral form,Test
	7th - 13 th	Maxwell's equations in differential form,Electromagnetic field ,Energy density ,Plane electromagnetic wave in vaccum
	14th - 20th	Polarization by reflection,Poynting vector ,Total internal reflection,Reflection at a plane boundary
	21st - 31st	Refraction at a plane boundary of dielectrics ,Faraday's effect ,Wave in a conducting medium ,Refraction and reflection by the ionosphere

LESSON PLAN (Session 2023-2024)

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

Nomenclature of the paper :Non chordate

Paper code :Core course 3 (I)

Name of the faculty :Dr. Ambika Gandhi

Month	Week	Topics to be covered
July	21.07.23-22.07.23	Outline classification of Protozoa up to order.
	24.07.23-29.07.23	General Structural organization of Amoeba, Euglena and Plasmodium.
August	31.07.23-05.08.23	Habit and habitat, structure, nutrition, osmoregulation and reproduction in <i>Paramecium</i>
	07.08.23-12.08.23	Locomotion in Protozoans- pseudopodial, ciliary and flagellar.
	14.08.23-19.08.23	Nutrition and Reproduction in Protozoa.
	21.08.23-26.08.23	Outline classification of Porifera and Coelenterata up to order.
	28.08.23-2.09.23	Habit, habitat and general account of internal structure& reproduction in <i>Sycon</i>
September	04.09.23-09.09.23	Canal system and skeleton in Sponges
	11.09.23-16.09.23	Habit, habitat, morphology, internal structure, nutrition and reproduction in <i>Obelia</i>
	18.09.23-23.09.23	Polymorphism in coelenterates, coral reefs
	25.09.23-30.09.23	Outline classification of Platyhelminthes and Aschelminthes up to order.
October	02.10.23-07-10.23	Habit and habitat, reproduction and life–cycle of <i>Fasciola</i> , and <i>Ascaris</i>
	09.10.23-14.10.23	Parasitic adaptations in Helminthes, Outline classification of Annelida and Arthropoda up to order.
	16.10.23-21.10.23	<i>Peripatus</i> : structure and affinities, Mouth parts and feeding habits of Insects.
	23.10.23-28.10.23	Habit and habitat, structure, nutrition, respiration, circulation, excretion, nervous system and reproduction of <i>Hirudinaria</i>
	30.10.23-04.11.23	Habit and habitat, structure, nutrition, respiration, circulation, excretion, nervous system and reproduction of <i>Palaemon</i>

November	06.11.23-10.11.23	Habit and habitat, structure, nutrition, respiration, blood vascular system, excretion, nervous system and reproduction of <i>Pila</i>
	10.11.23-13.11.23	Dipawali Vacations
	17.11.23-18.11.23	Outline classification of Mollusca and Echinodermata up to order
	20.11.23-25.11.23	Habit and habitat, structure, nutrition, respiration, blood vascular system, excretion, nervous system and reproduction of <i>Asterias</i>
	28.11.23-30.11.23	Torsion in Gastropoda, Larval forms of Echinoderms.
December	01.12.23-26.12.23	Revision of Syllabus
	27.12.23 To Onwards	Examination

LESSON PLAN (Session 2023-2024)

Class: B.Sc. B.Ed 2nd Semester
Nomenclature of the paper: Chordata

Paper code: Core course 3 (II)
Name of the faculty: Dr. Ambika Gandhi

Month	Week	Topics to be covered
January	13.01.24-20.01.24	An outline classification of chordates up to orders
	22.01.24-27.01.24	Comparative anatomy of vertebrates' integument including structure and development of placoid scales, feathers and hair.
	29.01.24-03.02.24	Comparative anatomy of vertebrates' Heart and aortic arches, Kidney and associated urinogenital ducts
February	05.02.24-10.02.24	Habit and habitat, reproduction (excluding development) and affinities of <i>Balanoglossus</i> , <i>Herdmania</i>
	12.02.24-17.02.24	Habit and habitat, reproduction (excluding development) and affinities of ascidian tadpole larva and its metamorphosis, <i>Amphioxus</i> .
	19.02.24-24.02.24	Habit, habitat, of the following types: Agnatha: Petromyzon (affinities with other vertebrate groups), affinities of Cyclostomates.
	26.02.24-02.03.24	Pisces: <i>Scoliodon</i> (Digestive system, respiratory system, blood vascular system, urinogenital system, nervous system (central and peripheral) including sense organ)
March	04.03.24-09.03.24	Scales and fins of fishes, Venomous and non-venomous snakes, poison apparatus and biting mechanism. First aid of snake bite.
	11.03.24-16.03.24	Habit, habitat, structure (morphology, digestive system, respiratory system of <i>Hoplobatrachus tigerinus</i>
	18.03.24-22.03.24	Blood vascular system, nervous system and urinogenital system of the <i>Hoplobatrachus tigerinus</i>
	23.03.24-25.03.24	Holi Vacations
April	01.04.24-06.04.24	Habit, habitat, structure (morphology, digestive system, respiratory system of the <i>Sara hardwickii</i> .
	08.04.24-13.04.24	Blood vascular system, nervous system and urinogenital system of <i>Sara hardwickii</i> .
	15.04.24-20.04.24	Habit, habitat, structure, morphology, digestive system, respiratory system of <i>Columba</i>
	22.04.24-27.04.24	Blood vascular system, nervous system and urinogenital system of <i>Columba</i>
	29.04.24-30.04.24	Origin of birds, migration & flight adaptation of birds.
May	01.05.24-04.05.24	Parental care in amphibian.
	06.05.24-11.05.24	Poison apparatus and biting mechanism. First aid of snake bite.
	13.05.24-18.05.24	Habit, habitat, structure, morphology, digestive system, respiratory system of Rabbit
	20.05.24-25.05.24	Blood vascular system, nervous system and urinogenital system of <i>Rabbit</i> .
	27.05.24-31.05.24	Revision Of Syllabus
June	01.06.24-15.06.24	Revision Of Syllabus
	20.06.24 onwards	Examinations

LESSON PLAN(Session 2023-2024)

Semester:Odd

B.A.B.Ed. 3rd Sem

Paper : Comparative Government Politics

Name of the faculty Dr.Renu Bala

Paper Code: 201

Month	Week	Topics to be covered
September	11.09.23-16.09.23	Unit 1:Comparative Politics: Meaning & Nature ,Scope
	18.09.23-23.09.23	<ul style="list-style-type: none">Types of Comparison (Vertical-Horizontal)
	25.09.23-30.09.23	<ul style="list-style-type: none">Types of Constitutions
October	02.10.23-07.10.23	<ul style="list-style-type: none">Constitutionalism
	09.10.23-14.10.23	Unit 2 :Social-Economics bases & Salient features of Costitutions of UK, USA & SWISS.
	16.10.23-21.10.23	<ul style="list-style-type: none">Federal System of The USA & Switzerland
	23.10.23-28.10.23	<ul style="list-style-type: none">Political Parties in America
	30.10.23-04.11.23	<ul style="list-style-type: none">Political Parties in UK & Switzerland
November	06.11.23-09.11.23	<ul style="list-style-type: none">Revision and Test
	10.11.23-13.11.23	<ul style="list-style-type: none">DIWALI HOLIDAY
	14.11.23-18.11.23	Unit 3:Executive: Composition & Function
	20.11.23-25.11.23	<ul style="list-style-type: none">British King & Crown
	27.11.23-02.12	<ul style="list-style-type: none">British Primer Minister & Cabinet
December	04.12.23-09.12.23	<ul style="list-style-type: none">The President of USA
	11.12.23-16.12.23	<ul style="list-style-type: none">Plural Executive of Switzerland <p>Unit 4:</p> <ul style="list-style-type: none">Legislature:Composition & Powers of the British Parliament,USA's Congress, Swiss Federal Assembly

	18.12.23-23.12.23	<ul style="list-style-type: none">• Judiciary: System of UK, USA's, Supreme Court, Tribunal of Swiss• Revision and Test
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LESSON PLAN

(Session2023-24)

Class:B.A/B.SC.B.Ed 4th SEM

Paper Code: PEIS 202

Nameof the faculty: Dr. Rekha Sharma

Name of the paper: Inclusive Schooling

Month	Week	Topic
January	13.01.24-20.01.24	Paradigms in Education of Children with Special Needs Historical perspectives and contemporary trends
	22.01.24-27.01.24	<ul style="list-style-type: none">Defining Special Needs: ways of looking of Educational Difficulties -individual deficit view vs. curriculum view.
	29.01.24-03.02.24	<ul style="list-style-type: none">Approaches of viewing disabilities:The charity model,
February	05.02.24-10.02.24	Concept of special education, integrated education and inclusive education
	12.02.24-17.02.24	Inclusive practices in schools Visual impairment, Hearing impairment
	19.02.24-24.02.24	<ul style="list-style-type: none">Locomotor and Neuromuscular disorders, Mental Retardation, Specific learning disabilities.
	26.02.24-02.03.24	Concept and philosophy of inclusive education
March	04.03.24-09.03.23	Promote and facilitate inclusive education and towards creation of barrier-free environment for persons with disabilities
	11.03.24-16.03.23	<ul style="list-style-type: none">The bio-centric model, the functional model and the human rights model
	18.03.24-23.03.23	Teaching competencies required for inclusive classroom
	23.03.24-25.03.23	Holi Vacations
	26.03.24-30.03.24	Peer tutoring, Cooperative learning, social learning, system approvals Multisensory teaching, reflective teaching
	25.03.24-30.03.24	Supportive services required for meeting special needs in the classroom

April	01.04.24-06.04.24	<ul style="list-style-type: none"> Duty of educational institutions, appropriate governments and local authorities to provide,.
	08.04.24-13.04.24	Assessment, teaching and development of supportive services for CWSN
	15.04.24-20.04.24	Concept and techniques of assessment
	22.04.24-27.04.24	Identification and functional assessment of children with special needs
	29.04.24-04.05.24	Implication of assessment for instructional planning and placement
May	06.05.24-11.05.24	Developing lesson plan and TLM for children with special needs
	13.05.24-18.05.24	Involving community resources as source of support to Inclusive school.
	20.05.24-25.05.24	Revision and Test
	27.05.24-01.06.24	Revision and Test
June	03.06.24-15.06.24	Revision and Test

LESSON PLAN(Session 2023-2024)

Semester:Even

Department : B.A.B.Ed. 4th Sem.

Paper:Indian Constitution & Human Rights

Name of the faculty: Dr.Renu Bala

Paper Code: Pol. 202

Month	Week	Topics to be covered
January	13.01.24-20.01.24	Unit 1: <ul style="list-style-type: none">• Meaning & Importance of Indian Constitution
	22.01.24-27.01.24	<ul style="list-style-type: none">• Preamble & Salient Feature of Indian Constitution
	29.01.24-03.02.24	<ul style="list-style-type: none">• Constitution Assembly
February	05.02.24-10.02.24	<ul style="list-style-type: none">• The Spirit of the Indian Constitution
	12.02.24-17.02.24	Unit 2: <ul style="list-style-type: none">• Fundamental Rights
	19.02.24-24.02.24	<ul style="list-style-type: none">• Fundamental Duties
	26.02.24-09.03.24	<ul style="list-style-type: none">• Directive Principles of the state Policy of the Indian Constitution
March	04.03.24-09.03.24	<ul style="list-style-type: none">• Test
	11.03.24-16.03.24	Unit 3: <ul style="list-style-type: none">• Union Government : Parliament
	18.03.24-22.03.24	<ul style="list-style-type: none">• The President
	23.03.24-25.03.24	HOLI HOLIDAYS
	25.03.24-30.03.24	<ul style="list-style-type: none">• The Prime Minister
April	01.04.24-06.04.24	<ul style="list-style-type: none">• State Gov. : Governor & The Council of Minister
	08.04.24-13.04.24	<ul style="list-style-type: none">• Judiciary : Function
	15.04.24-20.04.24	<ul style="list-style-type: none">• Judiciary : Power
	22.04.24-27.04.24	<ul style="list-style-type: none">• Panchayat Raj System

	29.04.24-04.05.24	Unit 4: <ul style="list-style-type: none"> • Origin & Development of Human Rights & Growing & Declining
May	06.05.24-11.05.24	<ul style="list-style-type: none"> • Rights of SC,ST ,Minorities ,Children & Women
	13.05.24-18.05.24	<ul style="list-style-type: none"> • Human Rights Defender ,Violation & Organization
	20.05.24-25.05.24	<ul style="list-style-type: none"> • Test & Assignment
	27.05.24-01.06.24	<ul style="list-style-type: none"> • Test & Presentation
June	03.06.24-15.06.24	<ul style="list-style-type: none"> • Revision

LESSON PLAN (Session 2023-2024)

Semester-Even

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

Name of the faculty: Dr.Renu Bala

Paper: Pol.: Indian Political System

Paper: Pol. 202

Month	Week	Topics to be covered
January	13.01.24-20.01.24	<ul style="list-style-type: none">• Unit1 :• Meaning & Importance of Indian Constitution
	22.01.24-27.01.24	<ul style="list-style-type: none">• Preamble & Salient Feature of Indian Constitution
	29.01.24-03.02.24	<ul style="list-style-type: none">• Constitution Assembly
February	05.02.24-10.02.24	<ul style="list-style-type: none">• The Spirit of the Indian Constitution
	12.02.24-17.02.24	<ul style="list-style-type: none">• Unit 2 ;• Fundamental Rights
	19.02.24-24.02.24	<ul style="list-style-type: none">• Fundamental Duties
	26.02.24-09.03.24	<ul style="list-style-type: none">• Directive Principles of the state Policy of the Indian Constitution
March	04.03.24-09.03.24	<ul style="list-style-type: none">• Test
	11.03.24-16.03.24	<ul style="list-style-type: none">• Unit 3:• Union Government : Parliament
	18.03.24-22.03.24	<ul style="list-style-type: none">• The President
	23.03.24-25.03.24	<ul style="list-style-type: none">• HOLI HOLIDAY
	26.03.24-30.03.24	<ul style="list-style-type: none">• The Prime Minister
April	01.04.24-06.04.24	<ul style="list-style-type: none">• State Gov. : Governor & The Council of Minister
	08.04.24-13.04.24	<ul style="list-style-type: none">• Judiciary : Function
	15.04.24-20.04.24	<ul style="list-style-type: none">• Judiciary : Power
	22.04.24-27.04.24	<ul style="list-style-type: none">• Panchayat Raj System
	29.04.24-04.05.24	<ul style="list-style-type: none">• Unit 4• Origin & Development of Human Rights & Growing & Declining
May	06.05.24-11.05.24	<ul style="list-style-type: none">• Rights of SC,ST ,Minorities ,Children & Women

	13.05.24-18.05.24	<ul style="list-style-type: none"> • Human Rights Defender ,Violation & Organization
	20.05.24-25.05.24	<ul style="list-style-type: none"> • Test & Assignment
	27.05.24-01.06.24	<ul style="list-style-type: none"> • Test & Presentation
June	03.06.24-15.06.24	<ul style="list-style-type: none"> • Revision

LESSON PLAN(Session 2023-24)

Semester--Odd

Class : B.A B.Ed 3rd sem

Paper code: ECO 201

Name of the faculty: Ms. Gulnar

Name of the paper: Macro Economics

Month	Week	Topics to be covered
October	10.10.23 -14.10.23	Unit-1 <ul style="list-style-type: none">Meaning, Emergence, Nature and Scope of macroeconomics, Basic concept of macroeconomics, Structure and working of four sectors of macro economy, Circular flow of income and expenditure in 2, 3 and 4 - sector model.
	16.10.23 - 21.10.23	<ul style="list-style-type: none">Concept of GDP and National Income, it's measurement methods and related aggregates, Nominal and Real Income, Difficulties in calculating national income, Role of GNP measure in economic welfare.
	23.10.23 - 28.10.23	Unit-2 <ul style="list-style-type: none">Concept of AD, AS function, Derivation of AS curve, Classical and keynsian theory of income and employment, Keynes Fundamental Psychological laws of consumption function.
	30.10.23 - 04.11.23	<ul style="list-style-type: none">Factors determining consumption, Saving and Investment function, the concept of Multiplier and Accelerator, Capital and Investment, Marginal efficiency of capital and investment.
November	06.11.23 - 9.11.23	<ul style="list-style-type: none">Classical and Neo classical theory of interest, Keynes Liquidity preference theory of interest, Neo Keynesian theory - IS and LM model.
	10.11.23-13.11.23	Diwali Vacations
	17.11.23 - 18.11.23	Unit-3 <ul style="list-style-type: none">Concept and component of Balance og payment, Distinguish between Balance of payment and Balance of trade.
	20.11.23 - 25.11.23	<ul style="list-style-type: none">Consequences or causes of disequilibrium in the Balance of payment, Measures to correct imbalance in Balance of payment.
	27.11.23 - 02.12.23	<ul style="list-style-type: none">Implication of Foreign trade multiplier, concept of appreciation and depreciation of currency and its effect on foreign trade, .
December		Unit -4

	04.12.23 - 09.12.23	<ul style="list-style-type: none"> Meaning, nature and characteristics of trade cycles. Theories of business cycle - over- saving, under consumption theory,
	11.12.23 - 16.12.23	<ul style="list-style-type: none"> Innovation theory, Hawtray monetary theory, Hayes over investment theory, keynes view on trade cycle.
	18.12.23 - 23.12.23	<ul style="list-style-type: none"> Samuelson - Hicks multiplier - accelerator interaction model, Control of Business cycle through relative efficiency of monetary and fiscal policies.

LESSON PLAN(Session 2023-24)
Semester-Even

Class: B.A B.Ed 4th Sem

Paper Code: ECO 202

Name of the faculty: Ms. Gulnar

Name of the Paper :Statistical Method

Month	Week	Topics to be covered
January	13.01.24 - 20.01.24	Unit -1 <ul style="list-style-type: none"> Definition of Statistics, importance and limitation, use of statistics, Basic concepts - Sample, Sample Vs Population.
	22.01.24 - 27.01.24	<ul style="list-style-type: none"> Methods of sampling, sampling and non sampling error, source of data.
	29.01.24 - 03.01.24	<ul style="list-style-type: none"> Tool and techniques of data collection, method of data collection - Organization of data through classification and Tabulation of data.
February	05.02.24 - 10.02.24	<ul style="list-style-type: none"> Diagrammatical and graphical representation of data, Meaning, Objective and Pre- requisite of central tendencies.
	12.02.24 -17.02.24	Unit-2 <ul style="list-style-type: none"> Measurement of central tendencies - Mean, Median, Mode, Meaning, purpose and pre - requisite of dispersion.
	19.02.24 - 24.02.24	<ul style="list-style-type: none"> Measurement of dispersion - range, quartile deviation, Mean deviation, standard deviation, coefficient of variation.
	26.02.24 - 02.03.24	<ul style="list-style-type: none"> Bi - variate distribution, karl Pearson's simple coefficient of correlation, spearmen's rank correlation coefficient, properties of correlation analysis.
March	04.03.24 - 09.03.24	<ul style="list-style-type: none"> Relationship between the correlation and regression analysis, Unit-3

		<ul style="list-style-type: none"> • Definition, importance and concept of probability.
	11.03.24-16.03.24	<ul style="list-style-type: none"> • Revision and test.
	18.03.24-22.03.24	<ul style="list-style-type: none"> • Role of probability - Law of addition and Multiplication, Conditional probability, concept of estimation, Desirable properties of estimator.
	23.03.24-25.03.24 25.03.24-30.03.24	Holi Vacations <ul style="list-style-type: none"> • Mathematical expectation, properties of Binomial, Poisson and Nominal distribution.
April	01.04.24 - 06.04.24	<ul style="list-style-type: none"> • Formulation of statistical hypothesis - Null and alternative, goodness of fit.
	08.04.24 - 13.04.24	<ul style="list-style-type: none"> • Confidence interval and level of significance, Z- test, T- test, To test.
	15.04.24 - 20.04.24	<ul style="list-style-type: none"> • Chi- square test, testing use and limitation.
	22.04.24 - 27.04.24	Unit-4 <ul style="list-style-type: none"> • Concept and limitation of index number, Methods of constructing index numbers.
	29.04.24 - 04.05.24	<ul style="list-style-type: none"> • Revision and test.
May	06.05.24 - 11.05.24 13.05.24 - 18.05.24 20.05.24 - 25.05.24 27.05.24 - 01.06.24	<ul style="list-style-type: none"> • Laspeyres's and Fisher's index number. • Uses and Problems in construction of index number. • Revision and Test. • Utility of time series analysis, components of time series.
June	03.06.24 – 15.06.24	<ul style="list-style-type: none"> • Revision and Test.

LESSON PLAN(Session 23-24)

Semester-Odd

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

Paper Code: ENG 201

Name of the Faculty: Mrs. Shalini Bhambri

Name of the Paper: English Drama

Month	Week	Topics to be covered
October	10.10.23 -14.10.23	Shakespeare: As You Like It: Detailed Story Scene/Act wise Summary
	16.10.23 - 21.10.23	Plot, Theme Long questions
	23.10.23 - 28.10.23	Literary Terms Tragedy, Comedy, Plot, Soliloquy, Three Unities, Tragic Comedy, Farce, Conflict, Climax, Catharsis
	30.10.23 - 04.11.23	Christopher Marlowe: Dr. Faustus Detailed Story Scene/Act wise Summary
November	06.11.23 - 9.11.23	Plot, Theme Long questions
	10.11.23-13.11.23	Diwali Vacations
	14.11.23 - 18.11.23	Literary Terms Poetic justice, Chorus, Comic Relief, Closet Drama Mystery, Miracle and morality plays, the Intrudes, Elizabethan drama, Heroic tragedy

	20.11.23 - 25.11.23	William Congreve: The Way of the World Detailed Story Scene/Act wise Summary
	27.11.23 - 02.12.23	Plot, Theme Long questions
December	04.12.23 - 09.12.23	Literary Terms Comedy of Manners, Problem Plays, Poetic Drama, Absurd Plays, Contemporary English Drama
	11.12.23 - 16.12.23	G.B. Shaw: Arms and the Man Detailed Story Scene/Act wise Summary
	18.12.23 - 26.12.23	Plot, Theme, Revision & Tests

LESSON PLAN(Session 23-24)**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 toShakespeare
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 LyricalBallads
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 Studyof Poetry
	18.03.24-22.03.24	Unit 3: <ul style="list-style-type: none"> • T.S. Eliot : “Tradition and Individual Talent”
	23.03.24-25.03.24	Holi Vacations
	26.03.24-30.03.24	<ul style="list-style-type: none"> • Hamlet and Hisproblems
April	01.04.24-06.04.24	<ul style="list-style-type: none"> • Raymond Williams: ‘Forms’ inCulture’
	08.04.24-13.04.24	<ul style="list-style-type: none"> • Raymond Williams: ‘Forms’ inCulture’
	15.04.24-20.04.24	Unit 4: <ul style="list-style-type: none"> • Jacques Derrida: Structure, Sign andPlay
	22.04.24-27.04.24	<ul style="list-style-type: none"> • Jacques Derrida: Structure, Sign andPlay
	29.04.24-04.05.24	<ul style="list-style-type: none"> • Stanley Fish: Is there a text in thisclass?
May	06.05.24-11.05.24	<ul style="list-style-type: none"> • Stanley Fish: Is there a text in thisclass?
	13.05.24-18.05.24	<ul style="list-style-type: none"> • Edward Said: Orientalism (Chapter1)
	20.05.24-25.05.24	<ul style="list-style-type: none"> • Edward Said: Orientalism (Chapter1)
	27.05.24-01.06.24	<ul style="list-style-type: none"> • Elaine Showalter: Towards a FeministPoetics
June	03.06.24-15.06.24	<ul style="list-style-type: none"> • Revision and Test.

LESSON PLAN (Session 2023-2024)**Class :B.A B.Ed 3rd Semester****Name of the faculty :Suman Devi****Paper code :GEO 201****Nomenclature of the paper : Economic Geography**

Month	Week	Topics to be covered
October	02.10.23-07-10.23	Meaning and approaches of Economic, Concept and classification
	09.10.23-14.10.23	Resources: Concept and classification
	16.10.23-21.10.23	Spatial organization of economic activities
	23.10.23-28.10.23	Organization of space
	30.10.23-31.10.23	Agricultural typologies with special reference to subsistence and commercial agriculture
November	02.11.23-04.11.23	Forestry, fishing and mining
	06.11.23-10.11.23	Factors affecting location and distribution of primary economic activities with special reference to agriculture land use
	10.11.23-13.11.23	Dipawali Vacations
	17.11.23-18.11.23	Types of Industries, J.H. Von Thunen's model of agriculture Land use
	20.11.23-25.11.23	Factures influencing location of industries with special reference to iron ore, Cotton textiles and sugar industries
	27.11.23-30.11.23	Alffred Webers's Theory of industrial Location
December	01.12.23-02.12.23	Concept of distance, accessibility and connectivity
	04.12.23-09.12.23	Edward Ulman' model of spatial interaction
	11.12.23-16.12.23	Competition and complementarity between varies modes of transportation
	18.12.23-23.12.23	International trade theories
	26.12.23-30.12.23	Revision
January	01.01.24 onwards	Examinations

LESSON PLAN (Session 2023-2024)**Semester –4th****Class :B.A B.Ed 4th Semester****Name of the faculty :Suman Devi****Paper code : GEO -202****Nomenclature of the paper : Climatology and Hydrology**

Month	Week	Topics to be covered
January	01.01.24-06.01.24	Atmosphere composition and structure
	08.01.24-13.01.24	Insolation
	15.01.24-20.01.24	Global energy budget
	22.01.24-27.01.24	Distribution of atmospheric pressure
	29.01.24-03.02.24	Winds – planetary, periodic and local
February	05.02.24-10.02.24	Atmospheric moisture : humidity and evaporation
	12.02.24-17.02.24	Condensation and precipitation
	19.02.24-24.02.24	Hydrological cycle
	26.02.24-02.03.24	Air mass and fronts
March	04.03.24-09.03.24	Cyclones- tropical and temperate
	11.03.24-16.03.24	Classification of climate
	18.03.24-22.03.24	Atmospheric pollution, climate change
	23.03.24-25.03.24	Holi Vaccation
April	01.04.24-06.04.24	Urban heat island
	08.04.24-13.04.24	Surface configuration of ocean floor
	15.04.24-20.04.24	Properties of oceanic water
	22.04.24-27.04.24	Salinity and temperature of oceanic water
	29.04.24-30.04.24	Revision
May	01.05.24-31.05.24	Revision
June	01.06.24 onwards	Examinations

Lesson plan

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

Name of the faculty: Ms. Karamjit Kaur

Education: Guidance & Counselling In School

Paper code: : CBCED-I-201

Name of the paper: CBCED-I-201:

Month	Week	Topics to be covered
October	10.10.23-14.10.23	<ul style="list-style-type: none"> Meaning, Nature & Functions of Guidance , Principles of Guidance. Need of Guidance at various stages of life. Types of Guidance: <ul style="list-style-type: none"> (i) Educational Guidance – Meaning and need at Secondary level.
	16.10.23-21.10.23	<ul style="list-style-type: none"> (ii) Vocational Guidance – Meaning and need at Secondary level. (iii) Personal Guidance – Meaning and need at Secondary level
	23.10.23-28.10.23	<ul style="list-style-type: none"> Meaning, Nature and Functions of Counseling Theories of Counseling:
	30.10.23-31.10.23	<ul style="list-style-type: none"> ○ Theory of Self (Rogers) ○ Rational Emotive Behaviour
November	01.11.23-4.11.23	<ul style="list-style-type: none"> Types of Counseling: Directive, Non directive, Eclectic. Process of Counseling (Initial disclosure, in depth exploration and commitment to action).
	06.11.23-09.11.23	<ul style="list-style-type: none"> Tests: Aptitude, Attitude, Interest,
	10.11.23-13.11.23	Diwali Vacations
	14.11.23-18.11.23	<ul style="list-style-type: none"> Achievement tests
	20.11.23-25.11.23	Personality, IQ and Emotional, Mental ability, Intelligence etc.
	28.11.23-30.11.23	<ul style="list-style-type: none"> Techniques used in guidance: Questionnaire, Interview schedule, Case study, Diary and Autobiography. Professional efficacy and interest
December	01.12.23-02.12.23	<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, Education and.
	04.12.23-09.12.23	<ul style="list-style-type: none"> Skills in Counseling (Listening, Questioning, Responding, Communicating
	11.12.23-16.12.23	<ul style="list-style-type: none"> Role of Teacher as a counselor and professional ethics associated with it.
	18.12.23-23.12.23	<ul style="list-style-type: none"> Career Counseling and Dissemination of Occupational Information

LESSON PLAN(Session 2023-24)

Class :B.A B.Ed 3rd Semester

Paper code : Hindi-201

**Name of the faculty :Dr. Neelam Panwar
Anuvad**

Paper Name : Rachnatmak Lekhan Evam

Month	Week	Topics to be covered
October	02.10.23-07-10.23	Unite 1 <ul style="list-style-type: none"> Rachnatamak Lekhan, Upyogita, parichai, Rachnatmak Lekhan Ke Vividh Rup.
	09.10.23-14.10.23	<ul style="list-style-type: none"> Kavita Lekhan, Kahani Lekhan, Kavita Ke Tatav, Kahani Ke tatav.
	16.10.23-21.10.23	<ul style="list-style-type: none"> Upanyas Ke Tatav, hindi Ke Parmukh Upanyaskar, Natak, Natak Ke Parkar, Natak Ke Tatav.
	23.10.23-28.10.23	<ul style="list-style-type: none"> Hindi Ekanki Ka Vikas, Ekanki Ke Parkar, Ekanki Ke Tatav, Parmukh Ekankikar.
	30.10.23-31.10.23	Unite: 2 <ul style="list-style-type: none"> Anuvad Evam Racnatmak Lekhan. Anuvad Ka Arth : Swrup Aur Mahtav.
November	02.11.23-04.11.23	<ul style="list-style-type: none"> Anuvad : Itihas Parampra.
	06.11.23-10.11.23	<ul style="list-style-type: none"> Anuvad Ke Tatav, Satrotar Bhasa, Lakshay Bhasa, Sampreshan Koshgat Aarth.
	10.11.23-13.11.23	<ul style="list-style-type: none"> Dipawali Vacations
	17.11.23-18.11.23	<ul style="list-style-type: none"> Anuvad Samgri Bhavarth.
	20.11.23-25.11.23	<ul style="list-style-type: none"> Anuvad Ke Sawrup:- Shabdik Anuvad, Bhavanuvad, Chayanuvad, Saranuvad.
	27.11.23-30.11.23	Unite:3 <ul style="list-style-type: none"> Anuvad Parkirya-Aayam Evam Parmukh Paksh.
December	01.12.23-02.12.23	<ul style="list-style-type: none"> Anuvad Parkirya Ke Vibhin Chran.
	04.12.23-09.12.23	<ul style="list-style-type: none"> Parmukh Paksh-Rachnakar,Anuvadkrta, Pathak.
	11.12.23-16.12.23	<ul style="list-style-type: none"> Anuvad Lekhan Samyak Mulyankan.
	18.12.23-23.12.23	Unite:4 <ul style="list-style-type: none"> Anuvad Karya Ki Aavasyakta Evam Mahtav
	26.12.23-30.12.23	<ul style="list-style-type: none"> Baudhik Evam Sanskrtik Aadan-Pardan Mei Anuvad Karya Ki Bhumika.
January	01.01.24 onwards	<ul style="list-style-type: none"> Examinations

LESSON PLAN(Session 2023-24)

Class :B.A B.Ed 4th Semester

Paper code : Hindi-202

Name of the faculty :Dr. Neelam Panwar

Paper Name : Natak, Nibandh Aur Ekanki

Month	Week	Topics to be covered
January	01.01.24-06.01.24	Unite: 1 <ul style="list-style-type: none">Hindi Nibandh Ka VikasNibandh-Sahityajan Samuh Ke Haridya Ka Vikas.
	08.01.24-13.01.24	<ul style="list-style-type: none">Nibandh-Tulsi Ke Samajik Mulya.Nibandh-Bharat Ek Hai (Ramdhari Singh Dinkar).
	15.01.24-20.01.24	<ul style="list-style-type: none">Nibandh-Rastar Ka Swrup (Vasudevsaran Aggarwal)Manas Ki Dharam Bhumi- Ramchander Shukal, Jeevni.
	22.01.24-27.01.24	<ul style="list-style-type: none">Sahityik Visheshtaye, Vasudevsaran Aggarwal Ka Jeevan Parichai Vai sahityik Visheshta.
	29.01.24-03.02.24	Unite:2 <ul style="list-style-type: none">Hindi Ekanki Ka VikasNaya Purana Ekanki (Upendernath Ashk)
February	05.02.24-10.02.24	<ul style="list-style-type: none">Deepdan (Ram Kumar Verma) , Vyakhya Evam Parshan Uttar.
	12.02.24-17.02.24	<ul style="list-style-type: none">Bhor Ka Tara Ekanki Lekhak Jagdish Chander Mathur.
	19.02.24-24.02.24	<ul style="list-style-type: none">Id Aur Holi-Seth Govind Das.
	26.02.24-02.03.24	<ul style="list-style-type: none">Seth Govind Das ka Jivan Parichai Vai Sahityik Visheshtaye.
March	04.03.24-09.03.24	Unite:3 <ul style="list-style-type: none">Hindi natak Ka Vikas“Dhruv Swamini” Natak (Lekhak-Jai Shankar Prasad)
	11.03.24-16.03.24	<ul style="list-style-type: none">Natak Ki Vyakhya Vai Tatvik Samiksha, Parsan Uttar.
	18.03.24-22.03.24	<ul style="list-style-type: none">Jai Shankar Parsad Ka Jeevan Parichai Vai Sahityik Vishestaye.
	23.03.24-25.03.24	<ul style="list-style-type: none">Holi Vaccation
April	01.04.24-06.04.24	Unite:4 <ul style="list-style-type: none">Dalit Sahitya Ki Avdharna.
	08.04.24-13.04.24	<ul style="list-style-type: none">Dalit Sahitya Ka Hindi sahitya Mei Yogdan.
	15.04.24-20.04.24	<ul style="list-style-type: none">Parmukh Dalit Lekhak.
	22.04.24-27.04.24	<ul style="list-style-type: none">Istri Vimarsh Ki Avdharna.
	29.04.24-30.04.24	<ul style="list-style-type: none">Hindi sahitya Mei Inka Mahtav Evam Yogdan.
May	01.05.24-31.05.24	<ul style="list-style-type: none">Revision of Syllabus
June	01.06.24 onwards	<ul style="list-style-type: none">Examinations

LESSON PLAN (Session 23-24)

Semester -Odd

Class : B.A B.Ed 3rd sem

Name of the faculty: Dr. Suman Rani Khaket

Paper code: HIS 201

Name of the paper: HISTORY

Month	Week	Topics to be covered
October	10.10.23 - 14.10.23	Sources of ancient Indian History –Literary, Archaeological, Numismatical and Epigraphical. Influence of Geography on Indian History, Geographical divisions of India. Sindhu –Saraswati civilisation – origin, extent, First Urbanisation: urban planning, economy and Trade.
	16.10.23- 21.10.23	Post Mauryan society and polity : Shungas, satvahanas and Kushanas,
	23.10.23 - 28.10.23	Sangam Age – Chiefdoms, literature, society and economy.
	30.10.23 - 04.11.23	Gupta dynasty – Chandragupta I, Samudragupta, Chandragupta administration, Land revenue system, Economy and society Gupta administration, Land revenue system, Economy and society
November	06.11.23 - 9.11.23	Mahajanpadas: Administrative system of Republics, The age of secondurbanisation
	10.11.23-13.10.23	Diwali vacation
	10.11.23 - 18.11.23	Rise of MagadhaEmpire
	20.11.23 - 25.11.23	The Age of Mauryas – Chandragupta: extent of his empire andadministration.
	27.11.23 - 02.12.23	Ashoka – his concept ofDhamma.
December	04.12.23 - 09.12.23	Political, Social, religious and economic life during the reign of HarshaVardhana
	11.12.23 - 16.12.23	Rise of Rajputs; origin and consolidation: Chauhans, Gurjar Prathiars, Parmars,Guhi
	18.12.23 - 23.12.23	South India - Pallavas, Chalukyas, RashtraKutas, Cholas: society andpolity Tripartitestruggle Revision and tests

LESSON PLAN (Session 23-24)**Paper Code: His 202****Class: B.A B.Ed 4th sem****Name of the Paper: HISTORY**

Month	Week	Topics to be covered
January	13.01.24 - 20.01.24	Survey of the sources of Medieval Indian History
	22.01.24 - 27.01.24	Turkish Invasions and early Rajput resistance.
	29.01.24 - 03.01.24	Establishment of Delhi Sultanate (1206-1290) Qutb-ud-din Aibak, Iltutmish, Razia Sultana, Ghiasuddin Balban Economic Policy, Conflicts with Rajput powers: Ranthambhor, Chittor, Jalore with special reference to Alauddin Khilji.
February	05.02.24 - 10.02.24	Mohammad Bin Tughlaq – his plans and failures
	12.02.24 - 17.02.24	Firoz Tughlaq – agrarian reforms and public welfare.
	19.02.24 - 24.02.24	Lodis and Saiyyads: Afghan Polity
	26.02.24 - 02.03.24	Expansion, Society and economy under Vijayanagar and Bahamani empires
March	04.03.24 - 09.03.24	The problem of North Western frontier.
	11.03.24 - 16.03.24	Revision and test.
	18.03.24 - 23.03.24	The Mongol invasions and their impact.
	25.03.24 - 30.03.24	Administrative institutions of the Sultanate period
April	01.04.24 - 06.04.24	theory of kingship and land revenue system.
	08.04.24 - 13.04.24	Rise of Provincial Kingdom- Malwa, Gujrat, Bangal, Jaunpur and Mewar
	15.04.24 - 20.04.24	Decline of the Delhi sultanate
	22.04.24 - 27.04.24	Advent of Babar and the foundation of the Mughal Empire: Shershah Sur- Career and his Achievements
	29.04.24 - 04.04.24	Revision and test.
May	06.05.24 - 11.05.24	Akbar - Conquests and his relations with Maharana Pratap
	13.05.24 - 18.05.24	Administration,
	20.05.24 - 25.05.24	Religious Policy, Aurangzeb: Deccan Policy, Decline of Mughal Empire - Causes and Impact
	27.05.24 - 01.06.24	Shivaji-- Conquests, Administration Society and Economy under the Mughals (Revision and test)
June	03.06.24 - 15.06.24	Revision and Test.

EVEN SEMESTER		
Class: B.A /B.SC.B.Ed. Sem- 4th Teacher Incharge: Dr. Rekha		Paper Code: CPSKC 202 Name of the Paper : Knowledge and Curriculum
Month	Week	Topics to be covered
January	13.01.24 - 20.01.24	Concept of Curriculum Meaning and nature of curriculum, need and importance of curriculum inschools
	22.01.24 - 27.01.24	Differentiating curriculum framework, curriculum and syllabus, their significance in school education.
	29.01.24 - 03.01.24	Facets of curriculum- core curriculum, hidden curriculum, activity based curriculum, interdisciplinary curriculum
February	05.02.24 - 10.02.24	spiral curriculum and integratedcurriculum.
	12.02.24-17.02.24	Curriculum visualized at different levels: national level, state level, school level, class level and relatedissues.
	19.02.24-24.02.24	Curriculum Determinants and Considerations
	26.02.24-02.03.24	Determinants of curriculum (philosophical, psychological, sociological,political).
March	04.03.24-09.03.24	Considerations in curriculum development: (at schoollevel) Forms of knowledge and its characterization in different schoolssubjects
	11.03.24-16.03.24	Socio-cultural context of students –multi-cultural, multilingual aspects
	18.03.24-22.03.24	Learnercharacteristics Teachers' experiences andconcerns
	23.03.24-25.03.24	Critical issues: environmental concerns, gender differences, inclusiveness, value concerns and issues, social sensitivity.
	26.03.24-30.03.24	Curriculum and school subject knowledge selection process andpurpose. <ul style="list-style-type: none"> <input type="checkbox"/> Selection of school subject knowledge: criteria andagencies. <input type="checkbox"/> Legitimization of knowledge selection: socio-cultural and politico-economicforces. <input type="checkbox"/> Problematizaiton of school knowledge selection: debates to identify change andcontinuity: <input type="checkbox"/> Constitutional ideals and nationalpriorites. <input type="checkbox"/> Globalconcerns.

April	01.04.24-06.04.24	Curriculum Development Process of curriculum development Formulating aims and objectives
	08.04.24-13.04.24	Criteria for selecting knowledge and representing knowledge in the form of different subjects.
	15.04.24-22.04.24	Organizing fundamental concepts and themes vertically across levels and integrating themes within (and across) different subject
	23.04.24-25.04.24	Holi vacations
	26.04.24-27.04.24	Selection and organization of learning situations
	29.04.24-04.05.24	Curriculum Implementation and Evaluation Role of state and national agencies in implementing curriculum
May	06.05.24-11.05.24	Teachers' role in generating dynamic curricular experiences through- Flexible interpretation of curricular aims
	13.05.24-18.05.24	Contextualization of learning. Varied learning experiences Presentation
	20.05.24-25.05.24	Learning resources Class test
	27.05.24-01.06.24	Revision and Test
June	03.06.24-15.06.24	Revision and Test.

LESSON PLAN(Session2023-24)

Semester--EVEN

Class;B.A/B.SC.B.Ed 4TH SEM

Nameofthefaculty:Dr.Gurmeet Kaur

Paper Code: : PELT 202

Name of the paper: Learning and Teaching

Month	Week	Topics
January	13.01.24-20.01.24	Unit1 <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	Unit2 <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, conceptmapping
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. Unit3 <ul style="list-style-type: none"> 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 teaching. Unit4 <ul style="list-style-type: none"> 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 Vygotsky'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"> • Socialmediation • 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:-2023-2024)**(SEMESTER-ODD)****CLASS- B.A. B.Ed. (3rd) SEM****PAPER CODE:- MTH 201****Name of the faculty: -Mrs. Deepshikha Jain****Subject:- Mathematics: Linear algebra**

MONTH	DATE	TOPICS
OCTOBER	OCT 10th-14th,2023	UNIT-1 <ul style="list-style-type: none"> Matrices determinants, Basic properties of determinants, Co-factor expansion Elementary matrices, invertible matrices system of linear equations <ul style="list-style-type: none"> Gauss elimination method Gauss-Jordan method for finding inverse of a matrix Vector space Subspaces
	OCT 16th-21st,2023	<ul style="list-style-type: none"> Linear combinations Linear span Linear dependence and Linear independence of vectors Basis and Dimension Finite dimensional vector space-some properties.
	OCT 23th-28th,2023	UNIT-2 <ul style="list-style-type: none"> Quotient spaces Homomorphism of vector spaces Isomorphism of vector spaces Direct sum inner product spaces ➤ CLASS TEST OF UNIT 1
	OCT 30th-31st,2023	<ul style="list-style-type: none"> Euclidean vector spaces Distance, Length, Properties
NOVEMBER	NOV 1st-4th,2023	<ul style="list-style-type: none"> Orthogonal vectors Gramm Schmidt Orthogonalisation Process Orthogonal Complement.
	NOV 6th-9th,2023	UNIT-3 <ul style="list-style-type: none"> Matrices of linear transformations Change of basis and the effect of associated matrices Kernal and Image of a Linear transformation Rank Nullity theorem,
	NOV 10th-13th,2023	Diwali Vacations
	NOV 14th-	<ul style="list-style-type: none"> Singular and Nonsingular linear transformations

	25 th ,2023	<ul style="list-style-type: none"> • Elementary matrices and transformations • Similarity, Eigen values, Eigen Vectors
	NOV 27 th -30 th ,2023	<ul style="list-style-type: none"> • Diagonalisation, • Characteristic polynomial • Cayley-Hamilton theorem • Minimal polynomial.
DECEMBER	DEC 1 st -4 th ,2023	<p>➤ CLASS TEST OF UNIT -2</p> <p>UNIT-4</p> <ul style="list-style-type: none"> • Quadratic curves • Surfaces
	DEC 7 th -11 th ,2023	<ul style="list-style-type: none"> • Sphere • Cylinder <p>➤ CLASS TEST OF UNIT -3</p>
	DEC 13 th -16 th ,2023	<ul style="list-style-type: none"> • Cone • Ellipsoid,
	DEC 20 th -24 th ,2023	<ul style="list-style-type: none"> • Hyperboloid • Paraboloid. <p>➤ CLASS TEST OF UNIT -4</p>

LESSON PLAN(Session2023-24)

Semester--Odd

Class;B.A/B.Sc.B.Ed 3rd SEM

Name of the faculty :Dr. Gurmeet Kaur

Paper Code:PESS -201

Name of the paper: Schooling, Socialization And Identity

Month	Week	Topics
October	10.10.23-14.10.23	<ul style="list-style-type: none">Understanding the nature and processes of socialization
	16.10.23-21.10.23	<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.
	23.10.23-28.10.23	<ul style="list-style-type: none">In the community: neighbourhood, extended family, religious group and their socialization functions.
	30.10.23-04.11.23	<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.
November	06.11.23-09.11.23	<ul style="list-style-type: none">gender and religion.
	10.11.23-13.11.23	<ul style="list-style-type: none">Diwali Vacations
	14.11.23-18.11.23	<ul style="list-style-type: none">Determinants of identity formation in individuals and groups: such as caste, class, The influence of peer group, media messages, technology, and globalization on identity formation in contemporary Indian society.
	20.11.23-25.11.23	<ul style="list-style-type: none">Schooling as a process of identity formation: ascribed, acquired and evolving.
	27.11.23-02.12.23	<ul style="list-style-type: none">Potential role of school in developing national, secular and humanistic identities.
December	04.12.23-09.12.23	<ul style="list-style-type: none">Expanding human activities and relations; decreasing unhealthy competition, uncertainty and insecurities and the resultant identity conflicts.Indian concept of 'vasudhaiva kutumbakam' and 'sarvadharm sambhava'.

	11.12.23-16.12.23	<ul style="list-style-type: none"> • Reflections on one's own aspirations and efforts in becoming a 'teacher'. • Evolving an identity as a teacher, which is progressive and open to re-construction.
	18.12.23-23.12.23	<ul style="list-style-type: none"> • Teachers' professional identity and Teachers' professional ethics.

LESSON PLAN

(Session2023-24)

Class :- B.Sc/B.A.B.Ed. 3rd SEM

Paper Code:- EPYH201

Name of the Faculty:- Dr. Rekha Sharma

Subject :- Yoga,Health And Well Being

Month	Week	Topic
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.
	10.11.23-13.11.23	<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
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LESSON PLAN

(Session 2023-24)

Class; B.A/B.SC.B.Ed 4th SEM

Paper Code: PEIS 202

Name of the faculty: Dr. Rekha Sharma
Schooling

Name of the paper: Inclusive

Month	Week	Topic
January	13.01.24-20.01.24	Paradigms in Education of Children with Special Needs Historical perspectives and contemporary trends
	22.01.24-27.01.24	Defining Special Needs: ways of looking of Educational Difficulties -individual deficit view vs. curriculum view.
	29.01.24-03.02.24	Approaches of viewing disabilities: The charity model,
February	05.02.24-10.02.24	Concept of special education, integrated education and inclusive education
	12.02.24-17.02.24	Inclusive practices in schools Visual impairment, Hearing impairment
	19.02.24-24.02.24	Locomotor and Neuromuscular disorders, Mental Retardation, Specific learning disabilities.
	26.02.24-02.03.24	Concept and philosophy of inclusive education
March	04.03.24-09.03.23	Promote and facilitate inclusive education and towards creation of barrier-free environment for persons with disabilities
	11.03.24-16.03.23	The bio-centric model, the functional model and the human rights model
	18.03.24-23.03.23	Teaching competencies required for inclusive classroom
	23.03.24-25.03.23	Holi Vacations
	26.03.24-30.03.24	Peer tutoring, Cooperative learning, social learning, system approvals Multisensory teaching, reflective teaching

	25.03.24-30.03.24	Supportive services required for meeting special needs in the classroom
April	01.04.24-06.04.24	<ul style="list-style-type: none"> Duty of educational institutions, appropriate governments and local authorities to provide,.
	08.04.24-13.04.24	Assessment, teaching and development of supportive services for CWSN
	15.04.24-20.04.24	Concept and techniques of assessment
	22.04.24-27.04.24	Identification and functional assessment of children with special needs
	29.04.24-04.05.24	Implication of assessment for instructional planning and placement
May	06.05.24-11.05.24	Developing lesson plan and TLM for children with special needs
	13.05.24-18.05.24	Involving community resources as source of support to Inclusive school.
	20.05.24-25.05.24	Revision and Test
	27.05.24-01.06.24	Revision and Test
June	03.06.24-15.06.24	Revision and Test

LESSON PLAN (Session 23-24)

Semester -Odd

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

Name of the faculty: Ms. Bharti

Paper code: PHY 201

Name of the paper: Physics (Electrodynamics)

Month	Week	Topics to be covered
october	10.10.23-14.10.23	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, Torque on a dipole in a uniform electric field and its energy , Work done on a charge in an electrostatic field
	16.10.23-21.10.23	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,
	23.10.23-28.10.23	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,
	30.10.23-04.11.23	Boundary conditions satisfied by E and D at the interface between two homogenous dielectrics, illustration through simple example, Steady current, current-density J, non-steady currents and continuity equation
November	6.11.23-9.11.23	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, AC circuits, complex numbers and its application in solving AC circuit problems, Complex impedance and reactance, Measurement of capacitance using impedance at different frequencies, series and parallel resonance, Q factor, Power consumed by an AC circuit, Power factor, Y and ∇ networks and transmission of electric power. Q factor, Power consumed by an AC circuit, Power factor, Y and ∇ networks and transmission of electric power.
	10.11.23-13.11.23	Diwali vacation
	14.11.23-18.11.23	Magneto statics , Force on a moving charge: Lorentz force, equation and definition of B, force on a straight conductor carrying current in a uniform magnetic field, Torque on a current loop
	20.11.23-25.11.23	Magnetic dipole moment, angular momentum and gyromagnetic ratio, Motion of charged particles in electric and magnetic fields, Linear accelerator, E as deflecting field – CRO, sensitivity,

		Transverse B field, Curvatures of tracks for energy determination of nuclear particles, principle of a cyclotron, Mutually perpendicular E and B fields- mass spectrograph,
	27.11.23-02.11.23	Velocity selector, its resolution Response curve for LCR circuit and resonance frequency, quality factor , Magnetic Fields in Matter ,Biot-Savart law, Calculation of H in simple geometrical situations , Ampere's Law, the divergence and curl of B, field due to a magnetic dipole, magnetization current, magnetization vector, magnetic permeability (linear cases)
December	04.12.23-09.12.23	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.
	11.12.23-16.12.23	Plane electromagnetic wave in vacuum, Wave equation for E and B of linearly, Circularly and elliptically polarized electromagnetic waves, Poynting vector
	20.11.23- 25.11.23	Reflection and Refraction at a plane boundary of dielectrics, Polarization by Reflection and total internal Reflection, Faraday effect

LESSON PLAN

CLASS :- B.Sc.B.E.d (4th) SEM

SESSION :- 2023-2024

SUBJECT :- PHYSICS

TEACHER-IN-CHARGE :- Ms.BHARTI

Month	Week	Topics
March	1st - 4th	<ul style="list-style-type: none">• Division of wavefront• Division of amplitude• Principle of superposition
	13th - 19th	<ul style="list-style-type: none">• Two slit interference• Newton's rings• Applications of interference in determination of wavelength and precision measurements
	20th - 22th	<ul style="list-style-type: none">• Haidinger fringes• Fringes of equal inclination• Michelsons interferometer
	23th-25th	Holi vacation
	27th - 31st	<ul style="list-style-type: none">• Applications of michelson interferometer for precision detemination of wavelength difference and the width of spectral lines• Intensity distribution in multiple beam interference• Fabry-parot interferometer
April	1st - 8th	<ul style="list-style-type: none">• Fresnel's diffraction• Half period zones• Fresnel's half period zones• Test
	9th - 15th	<ul style="list-style-type: none">• Types of zone plates• Circular aperture• Circular disc• Test

	16th - 22th	<ul style="list-style-type: none"> • Diffraction at a straight edge • Constructions , working principle of zone plate • Applications of zone plate as a lens
	23th - 30th	<ul style="list-style-type: none"> • Fraunhofer diffraction • Diffraction at a single slit and their intensity distribution • Diffraction at a double slits and their intensity distribution
May	1st - 7th	<ul style="list-style-type: none"> • Diffraction with N parallel slits and their intensity distribution • Blazed grating • Concave grating and different mountings •
	8th - 14th	<ul style="list-style-type: none"> • Diffraction at a circular aperture • Rayleigh's criterion of resolution • Resolving power • Resolving power of telescope • Test
	15th - 21st	<ul style="list-style-type: none"> • Resolving power of microscope • Resolving power of grating • Resolving power of prism • Test
	23th - 31st	<ul style="list-style-type: none"> • Reflection grating • Plane transmission grating • Meaning and representation of polarised light • Types of polarised light
June	1st - 7th	<ul style="list-style-type: none"> • Production of polarised light • Brewster's law • Malus law • Double refraction • Test
	8th - 14th	<ul style="list-style-type: none"> • Phase retardation plates • Analysis of polarised light as a plane polarised • Circularly polarised light

July	17th - 23th	<ul style="list-style-type: none"> • Specific rotation and its experimental determination • Elliptically polarised light • Rotation of plane of polarisation • Test
	24th - 31st	<ul style="list-style-type: none"> • Polarimeter • Laurentz polarimeter • Biquartz polarimeter • Laser • Laser system
August	1st - 6th	<ul style="list-style-type: none"> • Radiative and non-radiative transition mechanisms • Basic necessity for a lasing device • Einstein's coefficients (A and B) • Spontaneous emissions •
	7th - 13th	<ul style="list-style-type: none"> • Induced emissions • Conditions for a laser action • Population inversion • Construction , working and principle of ruby laser • Test
	14th - 20th	<ul style="list-style-type: none"> • Construction , working and principle of He-Ne laser • Construction principle and working of semiconductor laser • Applications of ruby laser
	21st - 31st	<ul style="list-style-type: none"> • Applications of He-Ne laser • Applications of semiconductor laser • Basic concepts of holography • Construction of a hologram • Reconstruction of the image

Lesson plan

Session: 2023-2024

**Class: B.Sc B.Ed III Sem
Biology In Flowering Plants**

Subject: Botany- Gymnosperms And Reproductive

Teacher in charge: Ms. Shashi

MONTH	WEEK	TOPICS
OCTOBER	10 Oct. to 14 Oct.	Unit I: Morphology and Anatomy of Gymnosperms: General characters of Gymnosperms, Afinities, Economic Importance, Classification of Gymnosperms
	16 Oct. to 21 Oct.	Cycadopsida - <i>Cycas</i>- Morphology and Anatomy
	23 Oct. to 28 Oct.	<i>Cycas</i> - Reproduction, Coniferopsida- <i>Pinus</i>- Morphology
	30 Oct. to 31 Oct.	<i>Pinus</i> – Anatomy

NOVEMBER	1 Nov. to 04 Nov.	<i>Pinus</i>- Anatomy and Reproduction
	06 Nov. to 09 Nov.	Gnetopsida- <i>Ephedra</i> – Morphology and Anatomy
	10 Nov. to 13 Nov.	Diwali Vacations
	14 Nov. to 18 Nov.	<i>Ephedra</i>- Reproduction and Revision
	20 Nov. to 25 Nov.	Unit II: Flower-Structure,morphology, embryological perspective Microsporangium – Development of wall layers, tapetum types, microsporogenesis, tetrad types. Male gametophyte – Development and structure; vegetative and generative cells; male gametes
	27 Nov. to 30 Nov.	Mega sporangium (ovule): Development, types, mega sporogenesis and tetrad types. Female gametophyte: Development, ultra structure, mono, bi and tetrasporic embryo sacs

DECEMBER	1 Dec. to 2 Dec.	Unit III: Reproduction in Gymnosperms Pollination and fertilization: Definitions, types of pollination
	4 Dec. to 9Dec.	Pollen-pistil interaction, self-incompatibility ,double-fertilization Endosperm: Definition, types – cellular, nuclear and helobial; endo spermhaustoria Embryo: Classification, types, development of Crucifertype
	11 Dec. to 16 Dec.	Unit IV- Angiosperm Embryology- Fruit and seed: Development, structure of monocot

		and dicot seeds, dispersal mechanisms, importance. Fruits- Types, classification with examples
	18 Dec. to 23 Dec.	Brief account of apomixis and polyembryony, causes and applications. Origin and evolution of Angiosperms, Fossil Angiosperms Brief account of anther/ pollen culture, endosperm, embryo and protoplast culture, Applications of tissue culture

LESSON PLAN
SESSION: 2023-2024

Class: B.Sc B.Ed Iv Sem

Subject: Botany 202 - Plant Taxonomy And Utilization Of Plants

Teacher In Charge: Ms. Shashi

MONTH	WEEK	TOPICS
JANUARY	13 Jan. to 20 Jan.	Unit I- Angiosperm taxonomy: Brief history, aims and fundamental concepts of artificial, natural system of classification
	22 Jan. to 27 Jan.	Phylogenetic system of classification Bentham and Hooker classification, Engler and Prantl classification
	29 Jan. to 31 Jan.	Hutchinson system of classification
FEBRUARY	1 Feb. to 3 Feb.	Tools and technique of Herbarium, Important herbaria
	5 Feb. to 10. Feb.	Botanical Garden and its importance in India Revision
	12 Feb. to 17 Feb.	Unit II- Botanical Nomenclature: Principles and rules of ICBN, type of concept, taxonomical categories
	19 Feb. to 24 Feb.	Principle of priority, identification keys, floras Diversity of flowering plants as illustrated by members of the families- Annonaceae, Fabaceae
	26 Feb. 29 Feb.	Brassicaceae, Malvaceae Revision
MARCH	1 Mar. to 2 Mar.	Apiaceae
	4 Mar. to 9 Mar.	Unit III- Diversity of flowering plants as illustrated by members of the families: Acanthaceae, Apocynaceae
	11 Mar. to 16 Mar.	Asteraceae, Solanaceae
	18 Mar. to 22 Mar.	Lamiaceae, Amaranthaceae
	23 Mar. to 25 Mar.	Holi Vacations
	26 Mar. to 30 Mar.	Oral or Written test Revision Euphorbiaceae
APRIL	1 Apr. to 6 Apr.	Liliaceae, Poaceae
	8 Apr. to 13 Apr.	Unit IV- Origin, Cultivation and value added products of following: Cereals: Rice, Wheat
	15 Apr. to 20 Apr.	Maize Oil yielding plants: Mustard, Groundnut

	22 Apr. to 27 Apr.	Coconut Fibre yielding plants: Cotton
	29 Apr. to 30 Apr.	Sun-hemp
MAY	1 May to 4 May	Spices: Cardamom, Fennel, Cumin, Coriander
	6 May to 11 May	Medicinal plants: Cinchona, Sarpagandhna, Opium
	13 May to 18 May	Beverages: Tea and Coffee
	20 May to 25 May	Rubber: General account Revision
	27 May to 31 May	Revision
JUNE	3 June to 8 June	Revision
	10 June to 15 June	Revision

LESSON PLAN (Session 23-24)

Semester -Even

Class : B.Sc.B.Ed.IV sem.

Name of the faculty:Ms.Pinki

Paper code:CHM 202

Nomenclature of the paper: Inorganic chemistry

Month	Week	Topics to be covered
January	13.01.24- 20.01.24	Transition Elements General group trends with special reference to electronic configuration, variable valency, magnetic and catalytic properties, colour and spectral behaviour, ability to form complexes.
	22.01.24- 27.01.24	Stability of various oxidation states and e.m.f. comparative studies of Chemistry of the first, second and third transition series.
February	29.01.24- 03.02.24	Inorganic Reaction Mechanism Thermodynamic and Kinetic stability. Introduction to inorganic reaction mechanisms. Substitution reactions in square planar complexes.
	05.02.24- 10.02.24	Trans effect, theories of trans effect. Determination of binary formation constant by pHmetry and spectrophotometry Test
	12.02.24 -17.02.24	Chemistry of Lanthanide: Occurrence and separation, electronic structure, oxidation states and ionic radii and lanthanide contraction.
	19.02.24- 24.02.24	Spectral and magnetic properties, complex formation and application. Chemistry of Actinides: Electronic configuration, oxidation states, actinide contraction, complex formation, spectral and magnetic properties, applications.
	26.02.24- 02.03.24	Chemistry of separation of Np, Pu and Am from Uranium, similarities between the later actinides and later lanthanides. Doubt session Test

March	04.03.24- 09.03.24	Coordination Compounds: Werner's coordination theory and its experimental verification, effective atomic number concept, chelates, nomenclature of coordination compounds, isomerism in coordination compounds, valence bond theory of transition metal complexes.
	11.03.24-16.03,24	Limitations of valence bond theory, an elementary idea of crystal field theory, crystal field splitting in octahedral, tetrahedral and square planar complexes, factors affecting the crystal-field parameters.
	18.03.24-22.03. 23.03.24-25.03.2 26.03.24-31.03.2	Oxidation and Reduction: Use of redox potential data- analysis of redox cycle, redox stability in water. Holi vacations Frost, Latimer and Pourbaix diagrams Principles involved in the extraction of the elements.
April	01.04.24-06.04.24	Test
	08.04.24- 13.04.24	Organometallic compounds Definition, nomenclature and classification of organometallic compounds, preparation, properties.
	15.04.24- 20.04.24	Bonding and applications of alkyls and aryls of Li, Al, Hg, Sn and Ti, a brief account of metal-ethylene complexes and homogenous hydrogenation. Test
	22.04.24- 27.04.24	Metallic Carbonyls: Metallic carbonyls General methods of Preparation, general properties, structure and nature of Metal carbonyls, bonding in carbonyls, Effective atomic number (EAN) rules as applied to metallic carbonyls. 18-electron rules applied to metallic carbonyls. Test
	29.04.24- 04.05.24	Preparation, properties and structure of nickel tetracarbonyl, iron penta carbonyls, chromium hexa carbonyls, dimanganesedeca carbonyl,dicobaltocta carbonyl.

May	06.05.24- 11.05.24	Metallic Nitrosyls: Some metallic Nitrosyls: Metal nitrosyl carbonyls, metal nitrosyl halides, sodium nitroprusside (Preparation properties, structures and uses).
	13.05.24-18.05.24 20.05.24- 25.05.24 27.05.24- 01.06.24	Structure and nature of M-N bonding in nitrosyl. Effective atomic number (EAN) rules as applied to metallic nitrosyls Test Revision
	03.06.24- 15.06.24	Revision
	17.06.24 onwards	Examination

LESSON PLAN (SESSION:-2023-2024)

(SEMESTER-EVEN)

CLASS- B.Sc. B.Ed.(4th)SEM

Name of the faculty: -Mrs. Deepshikha Jain

PAPER CODE:- MTH 202

Subject:- Mathematics:Abstract algebra

MONTH	DATE	TOPICS
JANUARY	JAN 13 th ,2024	UNIT-1 <ul style="list-style-type: none"> • Sets • Relations • functions • binary operations
	JAN 15 th -20 th ,2024	<ul style="list-style-type: none"> • binary operations in contrast to unary and ternary operations • equivalence relation.
	JAN 22 nd -27 th ,2024	<ul style="list-style-type: none"> • Group: <ul style="list-style-type: none"> ○ Definition, ○ examples ○ simple properties
	JAN 29 th -31 st ,2024	<ul style="list-style-type: none"> • Subgroups: <ul style="list-style-type: none"> ○ Definition ○ examples ○ simple properties
FEBUARY	FEB 1 st -3 rd ,2024	UNIT-2 <ul style="list-style-type: none"> • Permutation groups
	FEB 5 th -10 th ,2024	<ul style="list-style-type: none"> • cyclic groups • cosets <p>➤ CLASS TEST OF UNIT-1</p>
	FEB 12 th -17 th ,2024	<ul style="list-style-type: none"> • Lagrange's theorem • homomorphism and isomorphism of groups
	FEB 19 th -24 th ,2024	<ul style="list-style-type: none"> • Cayley's theorem • Normal subgroups
	FEB 26 th -29 th ,2024	<ul style="list-style-type: none"> • Quotient groups
MARCH	MAR 1 st -2 nd ,2024	<ul style="list-style-type: none"> • fundamental theorem of homomorphism of groups.
	MAR 4 th -9 th ,2024	UNIT-3 <ul style="list-style-type: none"> • Rings:Definition and examples.
	MAR 11 th -16 th ,2024	<ul style="list-style-type: none"> • Residue classes of rings • Special classes of rings
	MAR 18 th -22 nd ,2024	<ul style="list-style-type: none"> • integral domain,field • division ring
	MAR 23 rd -25 th ,2024	<ul style="list-style-type: none"> • HOLI VACATIONS
	MAR 26 th -30 th ,2024	<ul style="list-style-type: none"> • simple properties of ring

		<ul style="list-style-type: none"> • sub ring ➤ CLASS TEST OF UNIT-2
APRIL	APR 1 st -6 th , 2024	<ul style="list-style-type: none"> • sub field
	APR 8 th - 13 th , 2024	<ul style="list-style-type: none"> • ring isomorphism CLASS TEST OF UNIT-3
	APR 15 th - 20 th , 2024	UNIT-4 <ul style="list-style-type: none"> • Ideal
	APR 22 nd - 27 th , 2024	<ul style="list-style-type: none"> • principal ideal • principal ideal ring
	APR 29 th - 30 th , 2024	<ul style="list-style-type: none"> • quotient ring • prime ideal
MAY	MAY 1 st - 4 th , 2024	<ul style="list-style-type: none"> • maximal ideal
	MAY 6 th - 11 th , 2024	<ul style="list-style-type: none"> • Euclidean rings and its properties,
	MAY 13 th - 18 th , 2024	<ul style="list-style-type: none"> • polynomial rings
	MAY 20 th - 25 th , 2024	<ul style="list-style-type: none"> ➤ Revision of unit-1 ➤ Class test of unit-1
	MAY 27 th - 31 st , 2024	<ul style="list-style-type: none"> ➤ Revision of unit-2
JUNE	JUN 1 st , 2024	<ul style="list-style-type: none"> ➤ Class test of unit-2
	JUN 3 rd - 8 th , 2024	<ul style="list-style-type: none"> ➤ Revision of unit-3 ➤ Class test of unit-3
	JUN 10 th - 15 th , 2024	<ul style="list-style-type: none"> ➤ Revision of unit-4 ➤ Class test of unit-4

LESSON PLAN (Session 23-24)

Semester -Odd

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

Name of the faculty: Ms. Karamjit Kaur

Education: Guidance & Counselling In School

Paper code: : CBCED-I-201

Name of the paper: CBCED-I-201:

Month	Week	Topics to be covered
October	10.10.23-14.10.23	<ul style="list-style-type: none">Meaning, Nature & Functions of Guidance , Principles of Guidance.Need of Guidance at various stages of life.Types of Guidance:<ul style="list-style-type: none">(i) Educational Guidance – Meaning and need at Secondary level.
	16.10.23-21.10.23	<ul style="list-style-type: none">(ii) Vocational Guidance – Meaning and need at Secondary level.(iii) Personal Guidance – Meaning and need at Secondary level
	23.10.23-28.10.23	<ul style="list-style-type: none">Meaning, Nature and Functions of CounselingTheories of Counseling:
	30.10.23-31.10.23	<ul style="list-style-type: none">○ Theory of Self (Rogers)○ Rational Emotive Behaviour
November	01.11.23-4.11.23	<ul style="list-style-type: none">Types of Counseling: Directive, Non directive, Eclectic. <p>Process of Counseling (Initial disclosure, in depth exploration and commitment to action).</p>
	06.11.23-09.11.23	<ul style="list-style-type: none">Tests: Aptitude, Attitude, Interest,
	10.11.23-13.11.23	Diwali Vacations
	17.11.23-18.11.23	<ul style="list-style-type: none">Achievement tests
	20.11.23-25.11.23	Personality, IQ and Emotional, Mental ability, Intelligence etc.
	28.11.23-30.11.23	<ul style="list-style-type: none">Techniques used in guidance: Questionnaire, Interview schedule, Case study, Diary and Autobiography. <p>Professional efficacy and interest</p>
December	01.12.23-02.12.23	<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, Education and.
	04.12.23-09.12.23	<ul style="list-style-type: none">Skills in Counseling (Listening, Questioning, Responding, Communicating
	11.12.23-16.12.23	<ul style="list-style-type: none">Role of Teacher as a counselor and professional ethics associated with it.
	18.12.23-23.12.23	<ul style="list-style-type: none">Career Counseling and Dissemination of Occupational Information

EVEN SEMESTER		
Class: B.A /B.SC.B.Ed. Sem- 4th		Paper Code: CPSKC 202
Name of the Faculty: Dr. Rekha Sharma		Name of the Paper : Knowledge and Curriculum
Month	Week	Topics to be covered
January	13.01.24 - 20.01.24	Concept of Curriculum Meaning and nature of curriculum, need and importance of curriculum inschools
	22.01.24 - 27.01.24	Differentiating curriculum framework, curriculum and syllabus, their significance in school education.
	29.01.24 - 03.01.24	Facets of curriculum- core curriculum, hidden curriculum, activity based curriculum, interdisciplinary curriculum
February	05.02.24 - 10.02.24	spiral curriculum and integratedcurriculum.
	12.02.24-17.02.24	Curriculum visualized at different levels: national level, state level, school level, class level and relatedissues.
	19.02.24-24.02.24	Curriculum Determinants and Considerations
	26.02.24-02.03.24	Determinants of curriculum (philosophical, psychological, sociological,political).
March	04.03.24-09.03.24	Considerations in curriculum development: (at schoollevel) Forms of knowledge and its characterization in different schoolssubjects
	11.03.24-16.03.24	Socio-cultural context of students –multi-cultural, multilingual aspects
	18.03.24-22.03.24	Learnercharacteristics Teachers' experiences andconcerns Critical issues: environmental concerns, gender differences, inclusiveness, value concerns and issues, social sensitivity.
	23.03.24-25.03.24	Holi vacation
	26.03.24-30.03.24	Curriculum and school subject knowledge selection process andpurpose. <input type="checkbox"/> Selection of school subject knowledge: criteria andagencies. <input type="checkbox"/> Legitimization of knowledge selection: socio-cultural and politico-economicforces. <input type="checkbox"/> Problematizaiton of school knowledge selection: debates to identify change andcontinuity:

		<input type="checkbox"/> Constitutional ideals and national priorities. <input type="checkbox"/> Global concerns.
April	01.04.24-06.04.24	Curriculum Development Process of curriculum development Formulating aims and objectives
	08.04.24-13.04.24	Criteria for selecting knowledge and representing knowledge in the form of different subjects.
	15.04.24-22.04.24	Organizing fundamental concepts and themes vertically across levels and integrating themes within (and across) different subjects
	23.04.24-25.04.24	Holi vacations
	26.04.24-27.04.24	Selection and organization of learning situations
	29.04.24-04.05.24	Curriculum Implementation and Evaluation Role of state and national agencies in implementing curriculum
May	06.05.24-11.05.24	Teachers' role in generating dynamic curricular experiences through- Flexible interpretation of curricular aims
	13.05.24-18.05.24	Contextualization of learning. Varied learning experiences Presentation
	20.05.24-25.05.24	Learning resources Class test
	27.05.24-01.06.24	Revision and Test
June	03.06.24-15.06.24	Revision and Test.

LESSON PLAN(Session2023-24)

Semester--EVEN

Class;B.A/B.SC.B.Ed 4TH SEM

Name of the faculty:Dr.Gurmeet Kaur

Paper Code: : 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.
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).

	18.03.24-23.03.23	<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 learningstyle.
	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 teachingStyle.
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 Vygotsky'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"> • Socialmediation • 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

CLASS :- B.Sc./B.A.B.Ed(3rd) SEM

SESSION :- 2023-2024

SUBJECT : E.V.S

TEACHER-IN-CHARGE : Ms. BHARTI

Month	Week	Topic
October	4th-9 th	Importance need and scope of Environmental Conservation and Regeneration, Structure and functions of different ecosystems
	11th-16 th	India as a mega biodiversity nation, Role of individual in conservation of natural resources: water, energy
	18th-23th	Role of individual in conservation of natural resources: food, Equitable uses of resources for sustainable livelihoods
	25th-30 th	Environmental legislation: awareness and issues involved in enforcement.
November	2nd-11 th	Community participation in natural resource management- water, forests.
	12th- 18 th	Environmental conservation , Deforestation in the context of tribal life, Sustainable land use management , Traditional knowledge and biodiversity conservation, Test ,biodiversity conservation,
	19th-24 th	Developmental projects including Government initiatives and their impact on biodiversity conservation. Practices in Environment Management, Consumerism and waste generation and its management
	24th-30 th	Sustainable Environment in Globalworld , Environmental conservation in the globalised world, Alternative sources of energy , Impact of industry/mining/transport on environment, Sustainable use of forest produces
December	1st-6 th	Impact of natural disaster/man-made disaster on environment, Biological control for sustainable agriculture, Heat production and greenhouse gas emission
	7th-11 th	Environmental degradation and its impact on the health of people , how degradation affect our environment , how to prevent health of people from degradation , Organic farming, Agricultural waste: their impact and

	13th-19th	Rain water harvesting and water resource management, methods of conserving the water Biomedical waste management , types of wastes , how biomedical waste affect our environment and human health
	20th-23th	Revisions and tests

LESSON PLAN (SESSION:-2023-2024)
(SEMESTER-ODD)

CLASS- B.Sc. B.Ed.(3rd)SEM

PAPER CODE:- MTH 201

Name of the faculty: -Mrs. Deepshikha Jain

Subject:- Mathematics:Linear algebra

MONTH	DATE	TOPICS
OCTOBER	OCT 10 th -14 th ,2023	Unit-1 <ul style="list-style-type: none"> Matrices determinants, Basic properties of determinants, Co-factor expansion Elementary matrices, invertible matrices system of linear equations <ul style="list-style-type: none"> Gauss elimination method Gauss-Jordan method for finding inverse of a matrix Vector space Subspaces
	OCT 16 th -21 st ,2023	<ul style="list-style-type: none"> Linear combinations Linear span Linear dependence and Linear independence of vectors Basis and Dimension Finite dimensional vector space-some properties.
	OCT 23 th -28 th ,2023	Unit-2 <ul style="list-style-type: none"> Quotient spaces Homomorphism of vector spaces Isomorphism of vector spaces Direct sum inner product spaces ➤ CLASS TEST OF UNIT 1
	OCT 30 th -31 st ,2023	<ul style="list-style-type: none"> Euclidean vector spaces Distance, Length, Properties
NOVEMBER	NOV 1 st -4 th ,2023	<ul style="list-style-type: none"> Orthogonal vectors Gramm Schmidt Orthogonalisation Process Orthogonal Complement.
	NOV 6 th -9 th ,2023	Unit-3 <ul style="list-style-type: none"> Matrices of linear transformations Change of basis and the effect of associated matrices Kernal and Image of a Linear transformation Rank Nullity theorem,
	NOV 10th-13th,2023	Diwali Vacations
	NOV 14 th -25 th ,2023	<ul style="list-style-type: none"> Singular and Nonsingular linear transformations Elementary matrices and transformations Similarity, Eigen values, Eigen Vectors

	NOV 27 th - 30 th ,2023	<ul style="list-style-type: none"> • Diagonalisation, • Characteristic polynomial • Cayley-Hamilton theorem • Minimal polynomial.
DECEMBER	DEC 1 st -4 th ,2023	➤ CLASS TEST OF UNIT -2 Unit-4 <ul style="list-style-type: none"> • Quadratic curves • Surfaces
	DEC 7 th - 11 th ,2023	<ul style="list-style-type: none"> • Sphere • Cylinder ➤ CLASS TEST OF UNIT -3
	DEC 13 th - 16 th ,2023	<ul style="list-style-type: none"> • Cone • Ellipsoid,
	DEC 20 th - 24 th ,2023	<ul style="list-style-type: none"> • Hyperboloid • Paraboloid. ➤ CLASS TEST OF UNIT -4

LESSON PLAN(Session2023-24)**Semester--Odd****Class;B.A/B.Sc.B.Ed 3rd SEM****Name of the faculty:Dr. Gurmeet Kaur****Paper Code:PESS -201****Name of the paper: Schooling, Socialization And Identity**

Month	Week	Topic
October	10.10.23-14.10.23	<ul style="list-style-type: none">• Understanding the nature and processes of socialization
	16.10.23-21.10.23	<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.
	23.10.23-28.10.23	<ul style="list-style-type: none">• In the community: neighbourhood, extended family, religious group and their socialization functions.
	30.10.23-04.11.23	<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
November	06.11.23-09.11.23	<ul style="list-style-type: none">• gender and religion.
	10.11.23-13.11.23	<ul style="list-style-type: none">• Diwali Vacations
	14.11.23-18.11.23	<ul style="list-style-type: none">• Determinants of identity formation in individuals and groups: such as caste, class, The influence of peer group, media messages, technology, and globalization on identity formation in contemporary Indian society.
	20.11.23-25.11.23	<ul style="list-style-type: none">• Schooling as a process of identity formation: ascribed, acquired and evolving.
	27.11.23-02.12.23	<ul style="list-style-type: none">• Potential role of school in developing national, secular and humanistic identities.
December	04.12.23-09.12.23	<ul style="list-style-type: none">• Expanding human activities and relations; decreasing unhealthy competition, uncertainty and insecurities and the resultant identity conflicts.• Indian concept of ‘vasudhaiva kutumbakam’ and ‘sarvadharm sambhava’.

	11.12.23-16.12.23	<ul style="list-style-type: none"> • Reflections on one's own aspirations and efforts in becoming a 'teacher'. • Evolving an identity as a teacher, which is progressive and open to re-construction.
	18.12.23-23.12.23	<ul style="list-style-type: none"> • Teachers' professional identity and Teachers' professional ethics.

LESSON PLAN

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

Paper Code: EPYH 201

Name of the faculty: - Dr. Rekha Sharma

Subject: - Yoga, Health and well being

Month	Week	Topic
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.
	10.11.23-13.11.23	<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 2023-2024)
Semester –3rd

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

Name of the faculty :Dr. Ambika Gandhi

Paper code: Zoology-201 Nomenclature of the paper: Animal Cell Biology and Genetics

Month	Week	Topics to be covered
October	02.10.23-07-10.23	Introduction to cell: Discovery, characteristics of prokaryotic (bacterial) and eukaryotic cells (plant and animal cells), cell theory, viruses and viroids.
	09.10.23-14.10.23	Cell membrane: Ultra structure, chemical composition, models, unit membrane concept, fluidity, glycocalyx and functions of cell membrane.
	16.10.23-21.10.23	Transport across cell membrane: Passive transport (osmosis, diffusion), facilitated (mediated) diffusion; active transport (primary and secondary) and endocytosis and exocytosis.
	23.10.23-28.10.23	Mitochondria: Ultra structure, chemical composition, functions, origin, electron transport chain and generation of ATP molecules.
	30.10.23-31.10.23	Nucleus: occurrence, number, shape, size and structure (nuclear envelopes, nuclear matrix and nucleolus)
November	02.11.23-04.11.23	Ultrastructure, types, chemical composition and functions of (i) ER and Golgi-complex (ii) Lysosome, Ribosome, (iii) Centriole, (iv) Cilia and flagella
	06.11.23-10.11.23	Chromosomes: Introduction, structure types; Chemical composition and functions. Chromosomal organizations: Nucleosome concept, Euchromatin, heterochromatin.
	10.11.23-13.11.23	Dipawali Vacations
	17.11.23-18.11.23	Cell reproduction: Cell cycle and significances of mitosis and meiosis. Regulation of Cell cycle.
	20.11.23-25.11.23	Mendelian principles of inheritance- monohybrid and di-hybrid cross, back cross and test cross and deviation of Mendelism – incomplete dominance, co-dominance with examples.
	27.11.23-30.11.23	Gene interactions: Epistasis, complementary, supplementary, duplicate genes with cumulative effects and collaborator genes. Multiple alleles: Characters, examples pseudoalleles, inheritance of A, B , AB, O and Rh blood groups (antibody reactions)

December	01.12.23-02.12.23	Chromosomal mutations- i.Variation in chromosome number (aneuploidy and euploidy) ii.Structural changes in chromosomes (deletion, duplication, inversion and translocation).
	04.12.23-09.12.23	Sex–determination: Genetic (sex chromosome, genic balance and haplo-diploidy mechanisms), hormonal and environmental control of sex determinations with examples.
	11.12.23-16.12.23	Linkage: Definition, difference between linkage and independent assortment, chromosomal theory of linkage, kinds, linkage groups and significances.
	18.12.23-23.12.23	Sex-linked inheritance: white eye colour in Drosophila, colour blindness and hemophilia in man.
	25.12.23-26.12.23	Crossing over- Definition, mechanism, theories, kinds, frequency, factors affecting crossing over and significances.
	27.12.23 onwards	Examinations

LESSON PLAN (Session 2023-2024)**Semester –4th****Class: B.Sc. B.Ed 4th Semester****Name of the faculty: Dr. Ambika Gandhi****Paper code: Zoology-202
Endocrinology****Nomenclature of the paper : Animal Physiology And**

Month	Week	Topics to be covered
January	13.01.24-14.01.24	Physiology of digestion: Chemical nature of food stuff (including micronutrients), various types of digestive enzymes and their digestive action in the alimentary canal, role of GI hormones in digestion, mechanism of absorption of digested food.
		Physiology of respiration: Mechanism and control of breathing, exchange of gases transport of respiratory gases (oxygen and carbon dioxide).
	15.01.24-20.01.24	Physiology of blood circulation and composition and function of blood.
	22.01.24-27.01.24	Blood groups (ABO and Rh) and blood coagulation – factors, mechanism, theories and anticoagulants.
	29.01.24-03.02.24	Origin, conduction and regulation of heart beat in mammals and Cardiac cycle, ECG
February	05.02.24-10.02.24	Nerve physiology: structure and types of neuron, origin and conduction of nerve impulse.
	12.02.24-17.02.24	Muscle physiology: Ultra-structure and mechanism of contraction of skeletal muscle, summation and fatigue.
	19.02.24-24.02.24	Physiology of Excretion: Nitrogenous wastes, anatomy of mammalian kidney
	26.02.24-02.03.24	Structure of nephron, mechanism of urea and urine formation (including hormonal regulation) osmoregulation
March	04.03.24-09.03.24	Physiology of Reproduction:hormonal control of male and female reproduction, implantation, parturition and lactation in mammals
	11.03.24-16.03.24	Female Reproductive cycle
	18.03.24-22.03.24	Hormones: Classification, properties of hormones.
	23.03.24-25.03.24	Holi Vaccation
April	01.04.24-06.04.24	Mechanism of hormone action (peptide and steroid hormones)

	08.04.24-13.04.24	Endocrine glands: Pituitary gland: Location, anatomy and functions of hormones with hypothalamic regulation
	15.04.24-20.04.24	Thyroid gland: Location, anatomy, synthesis and function of T3 & T4
	22.04.24-27.04.24	Adrenal gland, Islets of Langerhans, Testes and Ovaries
	29.04.24-30.04.24	Synapse-structure, types, properties and signal transmission through synapses.
May	01.05.24-31.05.24	Revision of Syllabus
June	01.06.24 onwards	Examinations

LESSON PLAN (SESSION:-2023-2024)
(SEMESTER-EVEN)

CLASS- B.A. B.Ed.(4th)SEM

PAPER CODE:- MTH 202

Name of the faculty: -Mrs. Deepshikha Jain

Subject:- Mathematics:Abstract algebra

MONTH	DATE	TOPICS
JANUARY	JAN 13 th ,2024	UNIT-1 <ul style="list-style-type: none"> • Sets • Relations • functions • binary operations
	JAN 15 th -20 th ,2024	<ul style="list-style-type: none"> • binary operations in contrast to unary and ternary operations • equivalence relation.
	JAN 22 nd -27 th ,2024	<ul style="list-style-type: none"> • Group: <ul style="list-style-type: none"> ○ Definition, ○ examples ○ simple properties
	JAN 29 th -31 st ,2024	<ul style="list-style-type: none"> • Subgroups: <ul style="list-style-type: none"> ○ Definition ○ examples ○ simple properties
FEBRUARY	FEB 1 st -3 rd ,2024	UNIT-2 <ul style="list-style-type: none"> • Permutation groups
	FEB 5 th -10 th ,2024	<ul style="list-style-type: none"> • cyclic groups • cosets <p>➤ CLASS TEST OF UNIT-1</p>
	FEB 12 th -17 th ,2024	<ul style="list-style-type: none"> • Lagrange's theorem • homomorphism and isomorphism of groups
	FEB 19 th -24 th ,2024	<ul style="list-style-type: none"> • Cayley's theorem • Normal subgroups
	FEB 26 th -29 th ,2024	<ul style="list-style-type: none"> • Quotient groups
MARCH	MAR 1 st -2 nd ,2024	<ul style="list-style-type: none"> • fundamental theorem of homomorphism of groups.
	MAR 4 th -9 th ,2024	UNIT-3 <ul style="list-style-type: none"> • Rings:Definition and examples.
	MAR 11 th -16 th ,2024	<ul style="list-style-type: none"> • Residue classes of rings • Special classes of rings
	MAR 18 th -22 nd ,2024	<ul style="list-style-type: none"> • integral domain,field • division ring
	MAR 23 rd -25 th ,2024	<ul style="list-style-type: none"> • HOLI VACATIONS
	MAR 26 th -30 th ,2024	<ul style="list-style-type: none"> • simple properties of ring

		<ul style="list-style-type: none"> • sub ring ➤ CLASS TEST OF UNIT-2
APRIL	APR 1 st -6 th , 2024	<ul style="list-style-type: none"> • sub field
	APR 8 th - 13 th , 2024	<ul style="list-style-type: none"> • ring isomorphism CLASS TEST OF UNIT-3
	APR 15 th - 20 th , 2024	UNIT-4 <ul style="list-style-type: none"> • Ideal
	APR 22 nd - 27 th , 2024	<ul style="list-style-type: none"> • principal ideal • principal ideal ring
	APR 29 th - 30 th , 2024	<ul style="list-style-type: none"> • quotient ring • prime ideal
MAY	MAY 1 st - 4 th , 2024	<ul style="list-style-type: none"> • maximal ideal
	MAY 6 th - 11 th , 2024	<ul style="list-style-type: none"> • Euclidean rings and its properties,
	MAY 13 th - 18 th , 2024	<ul style="list-style-type: none"> • polynomial rings
	MAY 20 th - 25 th , 2024	<ul style="list-style-type: none"> ➤ Revision of unit-1 ➤ Class test of unit-1
	MAY 27 th - 31 st , 2024	<ul style="list-style-type: none"> ➤ Revision of unit-2
JUNE	JUN 1 st , 2024	<ul style="list-style-type: none"> ➤ Class test of unit-2
	JUN 3 rd - 8 th , 2024	<ul style="list-style-type: none"> ➤ Revision of unit-3 ➤ Class test of unit-3
	JUN 10 th - 15 th , 2024	<ul style="list-style-type: none"> ➤ Revision of unit-4 ➤ Class test of unit-4

LESSON PLAN

Class: - B.Sc/B.A.B.E.d. 5th Sem.

Paper Code: CPSLA301

Name of the Faculty:- Dr. Rekha Sharma

Subject :-Learning Assessment

Month	Week	Topic
October	10.10.23-14.10.23	<ul style="list-style-type: none"> Perspective on assessment and evaluation of learning in a constructivist paradigm
	16.10.23-21.10.23	<ul style="list-style-type: none"> Distinction between 'assessment of learning' and 'assessment for learning' Feedback as an essential component of formative assessment use of assessment for feedback; for taking pedagogic decisions
	23.10.23-28.10.23	<ul style="list-style-type: none"> Developing and maintaining a comprehensive learner profile Purposes of assessment in a 'constructivist' paradigm: engage with learners' minds in order to further learning in various dimensions
	30.10.23-31.10.23	Promote development in cognitive, social and emotional aspects Meaning and Objectives of: test, measurement, examination, and evaluation
November	01.11.23-4.11.23	Formative And Summative Evaluation <ul style="list-style-type: none"> Continuous And Comprehensive Evaluation Grading And Its Types Purposes of reporting: to communicate <ul style="list-style-type: none"> progress and profile of learner basis for further pedagogic decisions Reporting a consolidated learner profile <ul style="list-style-type: none">
	06.11.23-09.11.23	<ul style="list-style-type: none"> Impact of examination-driven schooling On Pedagogy: content-confined, information focused testing; memory- and activity centric teaching and testing
	10.11.23-13.11.23	<ul style="list-style-type: none"> Diwali Vacations
	17.11.23-18.11.23	<ul style="list-style-type: none"> De-linking school-based assessment from examinations: some possibilities and alternative

		practices <ul style="list-style-type: none"> Contexts of assessment: subject- related and person- related
December	20.11.23-25.11.23	<ul style="list-style-type: none"> Efforts towards examination reforms in India based on: NPE,1986; POA, 1992; NCF, 2000 and 2005 and National Focus Group Position Paper on Examination Reforms (Discussion should cover analysis of recommendations, implementations and the emerging concerns)
	28.11.23-30.11.23	<ul style="list-style-type: none"> Management of Examination in Schools Role of ICT in examination
	01.12.23-02.12.23	<ul style="list-style-type: none"> Action Research in improving classroom practices: concept, need and steps of action research, action research as an approach to improve class and school practices. Development of an Action Research Plan.
	04.12.23-09.12.23	<ul style="list-style-type: none"> Teacher competencies Visualizing appropriate assessment tools for specific contexts, content, and student Achievement test: meaning, need, steps and blue print.
	11.12.23-16.12.23	<ul style="list-style-type: none"> Evolving suitable criteria for assessment Organizing and planning for student portfolios and developing rubrics for portfolio assessment Statistical tools- percentage, graphical representation, frequency distribution, central tendency, variation, normal distribution
	18.12.23-23.12.23	Types of teacher feedback (written comments, oral); peer feedback Place of marks, grades and qualitative descriptions

LESSON PLAN(Session 2023-2024)

Semester-Odd

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

Name of the faculty Dr.Renu Bala

Paper: POL.301: REPRESENTATIVE WESTERN POLITICAL THINKERS

Month	Week	Topics to be covered
September	11.09.23-16.09.23	Plato: Rule of philosophy, Education, Communism
	18.09.23-23.09.23	Aristotle: State, Constitution
	25.09.23-30.09.23	Citizenship, Slavery, Revolution
October	02.10.23-07.10.23	St. Augustine: Theory of Two Cities
	09.10.23-14.10.23	Thomas Aquinas : State, Law
	16.10.23-21.10.23	Christianization of Aristotle
	23.10.23-28.10.23	Machiavelli: Nation State, State Craft
	30.10.23-04.11.23	Religion and Morality
November	06.11.23-09.11.23	Thomas Hobbes : Contractual theory and Sovereignty
	10.11.23-13.11.23	DIWALI HOLIDAY
	14.11.23-18.11.23	John Locke : Contractual theory and Private Property
	20.11.23-25.11.23	J.J .Rousseau : Contractual theory
	27.11.23-02.12	J.J .Rousseau : General Will ,Jeremy Bentham : Utilitarianism , Law & Reforms
December	04.12.23-09.12.23	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 23-24)

Semester -Odd

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

Paper code: : CPSSS301

**Name of the faculty: Ms. Karamjit Kaur
Science I**

Name of the paper: Pedagogy of Social

Month	Week	Topics to be covered
October	10.10.23-14.10.23	Meaning, Nature and Scope of Social Science. Need and Importance of Social Science,
	16.10.23-21.10.23	The values inherent in social science: aesthetic, moral, utilitarian, intellectual and environmental.
	23.10.23-28.10.23	Relationship of social science with other sciences. Uniqueness of disciplines vis-a-vis interdisciplinary.
	30.10.23-31.10.23	Observation, project method,
November	01.11.23-4.11.23	field trip, role-play, dramatization, problem solving,
	06.11.23-09.11.23	Exploratory, concept mapping, self-learning strategies, map based learning, thematic approach, Multimedia approach and Interdisciplinary approach.
	10.11.23-13.11.23	Diwali Vacations
	14.11.23-18.11.23	Meaning, Importance and Characteristics of Lesson Plan, Important points/steps of Lesson Plan.
	20.11.23-25.11.23	Writing teaching points, formulating objectives, selecting teaching learning materials, deciding the approach to teaching learning, writing lesson plan through creating learning situations.
	28.11.23-30.11.23	Characteristics of Assessment in Social sciences;
December	01.12.23-02.12.23	Typology of the questions based suited for examine/ assessing/ understanding different aspects of Social sciences.
	04.12.23-09.12.23	Development of objective based and different type of test items, short answers and essay type questions in social sciences.
	11.12.23-16.12.23	Linking child's natural curiosity with natural phenomena; spatial and temporal context; important social and economic issues and concerns
	18.12.23-23.12.23	Practice of teaching

LESSON PLAN (Session 2023-2024)

Semester-Even

Class: 6th sem.B.A,B.Ed

Name of the faculty: Dr.Renu Bala

Paper: Pol. 302:INTERNATIONAL RELATION SINCE 1945 (POLITICAL SCIENCE)

Month	Week	Topics to be covered
January	13.01.24-20.01.24	Approaches to study of International Relation: Idealist
	22.01.24-27.01.24	International Relation: Meaning & Scope
	29.01.24-03.02.24	Realist Morgenthau's Theory
February	05.02.24-10.02.24	Decision Making Theory Nation Power
	12.02.24-17.02.24	Test & Assignment
	19.02.24-24.02.24	Nation Interest
	26.02.24-09.03.24	Cold War , Unipolar World & NAM
March	04.03.24-09.03.24	Detent & New Cold War
	11.03.24-16.03.24	Foreign Policy: Meaning Elements & Determinate
	18.03.24-22.03.24	Salient Feature of the Foreign Policy of USA
	23.03.24-25.03.24	HOLI HOLIDAY
	26.03.24-30.03.24	The Salient Feature of Foreign Policy of China & India
April	01.04.24-06.04.24	Assigement
	08.04.24-13.04.24	India's Relation with USA & Russia
	15.04.24-20.04.24	India's Relation with her neighbors
	22.04.24-27.04.24	Major Contemporary Trends & Issues in international
	29.04.24-04.05.24	Political , Role & Impact of UNO in Changing the world
May	06.05.24-11.05.24	Tests
	13.05.24-18.05.24	Climate Change & Global Terrorism

		International Political Economy & Disarmament
	20.05.24-25.05.24	Role of BRICS ,SAARC,ASEAN,ALBA
	27.05.24-01.0624	EUROPEAN UNION
June	03.06.24-15.06.24	REVISION and Presentation

LESSON PLAN(Session 2023-24)

Semester--Odd

Class : B.A B.Ed 5th sem Paper code: ECO 301

Name of the faculty: Gulnar Name of the paper: Money, Banking and International Trade

Month	Week	Topics to be covered
October	10.10.23 -14.10.23	Unit-1 <ul style="list-style-type: none">• Meaning, Nature and definition of money; Evaluation of definition of money; Difficulties in Barter system, Functions of money; Classification of money.
	16.10.23 - 21.10.23	<ul style="list-style-type: none">• Characteristics of money, Role of money in different types of economy, Monetary Standards– Metallic (Working of Gold Standard) and Paper System of note issue; I M F-Objectives and it's monetary policy.
	23.10.23 - 28.10.23	<ul style="list-style-type: none">• Meaning ,Construction and limitations of Index Number; Quantity theory of money Fisher Cash- Balance Approach and Cambridge Cash – Transaction Approach and Comparison of Fisherian approach with Cambridge approach.
	30.10.23 04.11.23	<ul style="list-style-type: none">• Definition of money Supply Unit-2 <ul style="list-style-type: none">• Determinants of money Supply, High power Money and Money Multiplier, Measures of money Supply in India, Money Supply and Liquidity.
November	06.11.23 - 9.11.23	Unit- 3 <ul style="list-style-type: none">• Concept of inflation, Types of inflation – Structural Inflation, open and Suppressed inflation, cause of Demand -pull and Push inflation, Structural Inflation, Keynesian Theory of inflationary Gap.
	10.11.23-13.11.23	Diwali Vacations
	17.11.23 - 18.11.23	<ul style="list-style-type: none">• Effect of inflation, Anti- inflationary measures, concept of Stagflation, Disinflation Deflation and Reflation . Unit-4
	20.11.23 - 25.11.23	<ul style="list-style-type: none">• Evaluation ,Origin and growth of banking system in India , Meaning of Banks and it's distinguished from Non-banking financial intermediaries Types of Bank's , Functions of Banks, The Process of Credit creation of commercial Banks-its purpose and Limitations; Balance Sheet of commercial Bank – Assets and Liabilities, Functions of Central bank.

	27.11.23 - 02.12.23	<ul style="list-style-type: none"> • Method of Credit control – Quantitative and Qualitative methods Role and Function of RBI in the money market (organized and unorganised) in a developing economy , Meaning and importance of international Trade .
December	04.12.23 - 09.12.23	<ul style="list-style-type: none"> • Theories of International Trade – Absolute Cost advantage model of Adam Smith and Comparative cost advantage model of Ricardo .
	11.12.23 - 16.12.23	<ul style="list-style-type: none"> • Concept of foreign exchange rate; Determinants of exchange rate - by Mint Parity theory , Purchasing Power Parity theory
	18.12.23 - 23.12.23	<ul style="list-style-type: none"> • Revision test

LESSON PLAN(Session2023-24)
Semester-Even

Class: B.A B.Ed 6th sem
Name of the faculty: Ms. Gulnar

Paper Code :302
Name of the Paper: Public Finance

Month	Week	Topics to be covered
January	13.01.24 - 20.01.24	Unit-1 <ul style="list-style-type: none"> • Meaning , Nature and Scope of public finance; Distinguished B/W Private and public Finance; Concepts of merit goods; finance of the Government , • Market failure and Role of the state;
	22.01.24 - 27.01.24	<ul style="list-style-type: none"> • The Principal of Maximum social Advantage, Unit-2 <ul style="list-style-type: none"> • Meaning and source of public revenue; Taxation- Meaning, Classification, canons and effects of taxation; Division of tax burden.
	29.01.24 - 03.01.24	<ul style="list-style-type: none"> • Theory Of taxation-Benefits and ability to pay Principal of taxation; Impact and incidence of taxes and Taxable capacity; Major trends in tax revenue of Central and state govt. In India.
February	05.02.24 - 10.02.24	<ul style="list-style-type: none"> • Meaning and classification of public expenditure; Canons and effects of public expenditure; Causes of growth of expenditure;
	12.02.24 -17.02.24	<ul style="list-style-type: none"> • Theories of public expenditure- Wagner's Law of increasing state Activity, Peacock Wiseman hypothesis
	19.02.24 - 24.02.24	Unit-3 <ul style="list-style-type: none"> • Meaning and source of public borrowing; Effects of public debt; Methods of Redemption of public debt.

	26.02.24 - 02.03.24	<ul style="list-style-type: none"> Deficit financing in India; Concepts of financial Administration.
March	04.03.24 - 09.03.24	<ul style="list-style-type: none"> Meaning of public budget, Kinds of budget,
	11.03.24-16.03,24	<ul style="list-style-type: none"> Economic and Functional classification of budget.
	18.03.24-22.03.24	<ul style="list-style-type: none"> Preparation and passing of budget in India
	23.03-24-25.03.24 26.03.24-30.03.24	<p>Holi vacations</p> <p>Unit-4</p> <ul style="list-style-type: none"> International Organisations-GATT/WTO (TRIPS and TRIMS),
April	01.04.24 - 06.04.24	<ul style="list-style-type: none"> UNCTAD, Trade Blocks-EU SAARC
	08.04.24 - 13.04.24	<ul style="list-style-type: none"> NAFTA, SAFTA .
	15.04.24 - 20.04.24	<ul style="list-style-type: none"> International Financial Institution-IMF,
	22.04.24 - 27.04.24	<ul style="list-style-type: none"> World bank, Asian Development Bank,
	29.04.24 - 04.05.24	<ul style="list-style-type: none"> Revision Test of Impact and incidence of taxes.
May	06.05.24 - 11.05.24	<ul style="list-style-type: none"> Revision of Classification, cannons and effects of taxation
	13.05.24 - 18.05.24	<ul style="list-style-type: none"> Revision Test of Classification of public expenditure
	20.05.24 - 25.05.24	<ul style="list-style-type: none"> Revision of Cannons and effects of public expenditure
	27.05.24 - 01.06.24	<ul style="list-style-type: none"> Revision of Wagner's Law and Peacock Wiseman hypothesis
June	03.06.24 - 15.06.24	<ul style="list-style-type: none"> Revision Test of WTO, UNCTAD, NAFTA, SAFTA

LESSON PLAN(Session 23-24)

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

Paper Code: ENG 301

Name of the Faculty: Deepa Rani
Structure of Modern English

Name of the Paper: General Linguistic and

Month	Week	Topics to be covered
October	10.10.23-14.10.23	Unit 1: <ul style="list-style-type: none">What is Language, Human language and Animal CommunicationLinguistics as scientific study of language,Linguistic and Cultural relativity (Sapir-Whorf Hypothesis)
	16.10.23-21.10.23	<ul style="list-style-type: none">Pidgin and Creole, code switching and code mixing
	23.10.23-28.10.23	<ul style="list-style-type: none">languages-dialect, registers, Diglossia Language and Media
	30.10.23-04.11.23	Unit 2: <ul style="list-style-type: none">Phoneme, minimal pairs, Distinctive features, form and meaning.syllable structure, assimilation, dissimilation rules, Feature addition, segment deletion, and addition
November	06.11.23-09.11.23	<ul style="list-style-type: none">Morphophonemics
	10.11.23-13.11.23	Diwali Vacations
	20.11.23-25.11.23	Unit 3: <ul style="list-style-type: none">Word class, Morpheme and its types: bound and free morphemeDerivational morphologyCompound stress patternInflexional morphologyMeaning of compounds
	27.11.23-02.12.23	Unit 4: <ul style="list-style-type: none">Syntax:Descriptive and prescriptivePhrase structure rule
December	04.12.23-09.12.23	<ul style="list-style-type: none">Transformational rulesGrammatical Categories, Grammaticality
	11.12.23-16.12.23	<ul style="list-style-type: none">Semantic FeaturesAmbiguity

		<ul style="list-style-type: none"> • Paraphrase, Revision and test
	18.12.23-23.12.23	<ul style="list-style-type: none"> • Antonym and Synonyms • Names, Sense and Reference • Thematic Reference, Revision and test

LESSON PLAN (Session 2023-2024)**Semester – 5th****Class :B.A B.Ed 5th Semester****Name of the faculty : Ms. Suman Devi****Paper code :GEO-301****Nomenclature of the paper :Biogeography and Pedology**

Month	Week	Topics to be covered
October	02.10.23-07-10.23	Plant ecology: habitat factors, adaptation, succession and climax
	09.10.23-14.10.23	Concept of plant species, family and genera , phyto-geographical regions
	16.10.23-21.10.23	Terrestrial and marine fauna
	23.10.23-28.10.23	Means and barriers animal ecology and human ecology
	30.10.23-31.10.23	Dispersal and migration of animals
November	02.11.23-04.11.23	Zoogeographical regions of the world , Forms and functions of biomes
	06.11.23-10.11.23	Forest, Grassland , Desert, Mountain and marine, Biodiversity
	10.11.23-13.11.23	Dipawali Vacations
	17.11.23-18.11.23	Forest and Wild life management , Roles of National Parks
	20.11.23-25.11.23	Sanctuaries and Biosphere Reserves in India
December	27.11.23-30.11.23	Plant water soil relationship
	01.12.23-02.12.23	Concept of soil profile, soil classification, soil of the world
	04.12.23-09.12.23	Process of soil formation
	11.12.23-16.12.23	Laterisation, podsolization,calcification, salinization and alkalization
	18.12.23-23.12.23	Revision
January	26.12.23-30.12.23	Revision
	01.01.24 onwards	Examinations

LESSON PLAN (Session 2023-2024)
Semester –6th

Class :B.A B.Ed 6th Semester
Paper code :GEO-302

Name of the faculty :Ms. Suman Devi
Nomenclature of the paper :Geography of India

Month	Week	Topics to be covered
February	05.02.24-10.02.24	Location and space relations
	12.02.24-17.02.24	Geological Evolution
	19.02.24-24.02.24	Landforms
	26.02.24-02.03.24	Drainage system , soils, vegetation
March	04.03.24-09.03.24	Climate: characteristics and classification
	11.03.24-16.03.24	Population distribution and growth
	18.03.24-22.03.24	Characteristics of agriculture and agricultural resignation
	23.03.24-25.03.24	Holi Vaccation
April	01.04.24-06.04.24	Distribution of population by race, caste, religion,language, tribes and their correlation
	08.04.24-13.04.24	Mineral belts and industrial regions
	15.04.24-20.04.24	Regionalization of India
	22.04.24-27.04.24	Physiographic (OHK Spate and R.L Singh), socio cultural (David Sopher and Aijazuddin Ahmad)
	29.04.24-30.04.24	Economic Regions (P.Sengupta)
May	01.05.24-04.05.24	Population distribution
	06.05.24-11.05.24	Projections
	13.05.24-18.05.24	Different types of Projections
	20.05.24-25.05.24	Use of Projections
	27.05.24-31.05.24	Revision
June	01.06.24 onwards	Examinations

LESSON PLAN(Session2023-24)

Semester--Odd

Class;B.A.B.Ed. 5TH SEM
PaperCode:Hindi 301

Name of the faculty:Dr. Gurmeet Kaur

Month	Week	Topic
October	10.10.23-14.10.23	<ul style="list-style-type: none">Maithilli Sharan Gupt ka Jivan parichay , Udbodhan kavita, Vedne Tu Bhali Bani,
	16.10.23-21.10.23	<ul style="list-style-type: none">Mujhe phool mat maro, Sakhi Ve Mujhse Keh Kar Jaate.
	23.10.23-28.10.23	<ul style="list-style-type: none">Jaishankar Prasad ka Jivan parichay,Jaag Ri Kavita, Mere Navik Kavita ,Peshola Ki pratidhwani
	30.10.23-04.11.23	<ul style="list-style-type: none">Mere Navik Kavita ,Peshola Ki pratidhwani
November	06.11.23-09.11.23	<ul style="list-style-type: none">Smitranandan pant ka Jivan parichay,Pratham Rashami Kavita , Aansu Ki Balika,
	10.11.23-13.11.23	<ul style="list-style-type: none">Diwali Holidays
	14.11.23-18.11.23	<ul style="list-style-type: none">Aansu Ki Balika, Drut Kavita, Jharo,Bharatmata Kavita
	20.11.23-25.11.23	<ul style="list-style-type: none">Suryakant Tripathi Nirala ka Jivan parichay,Dhwani Kavita, Badal Raag Kavita, Todti Pathar Kavita
	27.11.23-02.12.23	<ul style="list-style-type: none">Mahadevi Verma ka Jivan parichay, Main Anant Path Mein likhti Jo Kavita, Nisha Ko Dho Deta Rakesh Kavita, Kya Pooja Kya Archan Re,Kaun Tum Mere Hriday Mein Kavita.
December	04.12.23-09.12.23	<ul style="list-style-type: none">Ramdhari Singh Dinkar ka Jivan parichay,Kisko Naman Karu Kavita.
	11.12.23-16.12.23	<ul style="list-style-type: none">Kurukshetra Kavita.
	18.12.23-23.12.23	<ul style="list-style-type: none">Sachidanand Hiranand Vatsyayan Agay ka Jivan parichay, Kalgi Bajre Ki Kavita,Srajna Ke Kshan Kavita,Chandni Ji loo Kavita,Nadi Ke Dvip kavita.

LESSON PLAN

Semester –6th

Class : B.A B.Ed 6th Semester

Name of the faculty : Dr. Neelam Panwar

Paper code : Hindi -302
Sahitya

Nomenclature of the paper : Hindi Katha Ka

Month	Week	Topics to be covered
February	05.02.24-10.02.24	“Namak ka Daroga” Khani-Premchand.
	12.02.24-17.02.24	Premchand Ji Ka Sahityik Prichai Khani Ki Parsno Sahit Vyakhya.
	19.02.24-24.02.24	“Dukh” Khani-Yashpal, Sahityik Vishestaye Vyakhya Sahit Parshan Uttar Vai Samiksha.
	26.02.24-02.03.24	“Etam Bamb” Khani-Amritlal Nagar Sahityik Visheshtaye Vai Khani Ki Vishestaye Vai Khani Ki Smiksha.
March	04.03.24-09.03.24	Chief Ki Dawat Khani-Bhisham Sahni.
	11.03.24-16.03.24	Sahityik Parichai, Khani Ki Tatvik Samiksha.
	18.03.24-22.03.24	“Dadi Maa Kahani” Shiv Prasad Singh ka Jeevan Prichai.
	23.03.24-25.03.24	Holi Vaccation
April	01.04.24-06.04.24	Khani Ke Parshan Uttar Vai Samiksha.
	08.04.24-13.04.24	“Muglo Ne Saltnat Baksh Di” Bhagwati Chran verma.
	15.04.24-20.04.24	Khani Ke Parshan Uttar Vai Samiksha.
	22.04.24-27.04.24	“Nokri Pesa Khani” Kamleshwar Ji Ka Jeevan Parichai.
	29.04.24-30.04.24	Khani Ke Parshan Uttar Vai samiksha.
May	01.05.24-04.05.24	“Sarhad Ke Ish Par” Nasira Sharma Ji Ka Jeevan Parichai.
	06.05.24-11.05.24	Khani Ke Parshan Uttar Vai Samiksha.
	13.05.24-18.05.24	“Raja Ka Chowk” Namita Singh.
	20.05.24-25.05.24	“Tyag Patr” Janender.
	27.05.24-31.05.24	Upanyas ki Tatvik Samiksha.
June	01.06.24 onwards	Examinations

LESSON PLAN(Session2023-24)

Semester--Even

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

Name of the faculty: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, conceptmapping
March	04.03.24-09.03.24	<ul style="list-style-type: none"> Classroom Instruction Strategies (GeneralIntroduction) Role of motivation in learning- Concept, Motivational Strategies to be used in classroo Diversity among learners and learning needs (with reference to specialneeds).
	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 learningstyle.
	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 teachingStyle.
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 ofknowledge’.
	15.04.24-20.04.24	<ul style="list-style-type: none"> Social-Constructivist perspective (also Bruner and Ausubel’s perspective) and applications of Vygotsky’s ideas inteaching.
	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 andreflection
May	06.05.24-11.05.24	<ul style="list-style-type: none"> Socialmediation Cognitive negotiability
	13.05.24-18.05.24	<ul style="list-style-type: none"> Situated learning and cognitiveapprenticeship 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 23-24)

Semester -Odd

Class : B.A B.Ed 5th sem

Name of the faculty: Dr. Suman Rani Khaket

Paper code: HIS 301

Name of the paper: HISTORY

Month	Week	Topics to be covered
October	10.10.23 - 14.10.23	Early Peshwas, Third Battle of Panipat, Maratha confederation Maratha struggle against the British. Establishment of British rule in Bengal and consequent administrative changes. British Relations with Indian states: Mysore and Punjab
	16.10.23 - 21.10.23	Maratha struggle against the British.
	23.10.23 - 28.10.23	Establishment of British rule in Bengal and consequent administrative changes.
	30.10.23 - 04.11.23	British Relations with Indian states: Mysore and Punjab
November	06.11.23 - 9.11.23	Growth of Legislature and Administrative Changes (Lord Warren Hasting to Lord Curzon)
	10.11.23 - 13.11.23	Diwali vacations
	14.11.23 - 18.11.23	
	20.11.23 - 25.11.23	Indian resistance prior to 1857: Tribal Revolts, Indigo Revolt, Pabna Revolt, Deccan Revolt, Peasant Revolts Development of Modern Education, Press, Transport & Communication, Trade & Industry
	27.11.23 - 02.12.23	Struggle of 1857: Nature, Causes, Role of the Natives: Mangal Pandey, Bahadur Shah, Tantia Tope, Nana Saheb and Laxmi Bai, Significance Imperial Policy of Lord Lytton- Vernacular Press Act, Delhi Durbar, Afghan Policy, Liberal Policy of Lord Ripon and his reforms Foundation of Indian National Congress Background, Concept of Safety Valve, Early Activities, Prominent Leaders, Foundation of Muslim League Moderates and Extremists: Their Ideologies, means and Activities - Surat Split 1907, Role of Dada Bhai Naoroji, M.G. Ranade, G.K. Gokhale, B.G. Tilak, Arvind Ghosh and Lala Lajpat Ray.

December	04.12.23 - 09.12.23	Lord Curzon and his Administrative Reforms, Partition of Bengal Social
	11.12.23 - 16.12.23	Change and Reform Movements, Caste Movements, Rise of Middle Classes, Women Status and Reform legislation. Agrarian Relations, the Land Lords tenants and the states, Rise of Modern Industries and Working Class
	18.12.23 - 23.12.23	Constitutional Development: Morley Minto Reform - 1909, Government of India Act 1919 & 1935, Freedom of India Act 1947

LESSON PLAN (Session 23-24)

Semester -Odd

Class : B.A B.Ed 6th sem

Name of the faculty: Dr. Suman Rani Khaket

Paper code: HIS 302

Name of the paper: HISTORY

Month	Week	Topics to be covered
January	13.01.24 - 20.01.24	Rise and Growth of Nationalism—causes,
	22.01.24 - 27.01.24	Role of various Intuitions and Middleclass.
	29.01.24 - 03.01.24	Cultural andIdeologicalconsciousness- Impact of Socio-ReligionsReforms struggle for the freedom of press, swadeshi and Boycott and Home RuleMovement
February	05.02.24 - 10.02.24	Gandhian Era – Satyagraha Movements (Champaran, Khera,Ahmadabad),
	12.02.24 -17.02.24	Rowllat Act, Non CooperationMovement
	19.02.24 - 24.02.24	Civil DisobedienceMovement
	26.02.24 - 02.03.24	Quit IndiaMovement
March	04.03.24 - 09.03.24	Revolutionary Movements- Ghadar movement, (LalaHardayal)
	11.03.24-16.03,24	Role ofNaujawanBharat Sabha
	18.03.24-22.03.24	Hindustan Socialist RepublicAssociation,
	23.03.24-25.03.24	Holi vacation
	26.03.24-30.03.24	Revolutionary activities and theirmeans.
April	01.04.24 - 06.04.24	Contribution of Prominent Revolutionaries
	08.04.24 - 13.04.24	special reference to Sachindra Nath Sanyal
	15.04.24 - 20.04.24	Srt: Ram Prasad Bismil
	22.04.24 - 27.04.24	Srt: Suryasen,
	29.04.24 - 04.04.24	Revision and Test.
May	06.05.24 - 11.05.24	Bhagat Singh , Rajguru, Ashfaqulla,
	13.05.24 - 18.05.24	Chandra Shekhar Azad, Sukhdev,
	20.05.24 - 25.05.24	Kalpana Datta, Sunidhi Choudhary
	27.05.24 - 01.06.24	Beena Dev and ShantiGosh (Revision and test)
June	03.06.24 - 15.06.24	Revision and Test.

LESSON PLAN (Session 23-24)

Semester –Odd

Class : B.A B.Ed 5th SEM

Paper code: CPSE 301

Name of the faculty: Mrs. Sudesh Panjeta

Name of the paper: Pedagogy of English

Month	Week	Topics to be covered
October	10.10.23 -14.10.23	Language: Nature and Function Aspects of Language: Physiological, Psychological and Socio-cultural Varieties of Language: Dialect and Register, Standard and Non-Standard
	16.10.23 - 21.10.23	Bilingualism, Multilingualism as a Resource Language Learning: Acquisition vs. Learning
	23.10.23 - 28.10.23	Language Learning: Types and process: L1, L2 and FL Language and Learning: Language Across Curriculum Role and Position of English language in India
	30.10.23 - 04.11.23	Challenges of teaching and learning English in India NCF -2005 (Language Education), Language Policy, Three-language Formula Objective of teaching English in India: Linguistic and Literary objective
November	06.11.23 - 9.11.23	English as a subject, English as medium of instruction Braille and Sign languages
	10.11.23-13.11.23	Diwali Holidays

	14.11.23 - 18.11.23	What are Methods, Approaches and strategies in ELT Grammar-Translation, Direct and Bi-lingual/multilingual methods, Structural approach
	20.11.23 - 25.11.23	Communicative Approach, Silent Way, Suggestopedia, Total Physical Response Constructivist perspective Whole language approach, Humanistic approach Literature-based approach for language learning
	27.11.23 - 02.12.23	Eclectic approach, Integrated approach Independence and interdependence of language skills. What is Grammar in context
December	04.12.23 - 09.12.23	English Language: Grammar and Usage Prescriptive vs. Descriptive Grammar Problem Areas of English Grammar I: Determiners, Tense, Auxiliaries,
	11.12.23 - 16.12.23	Modals Problem Areas of English Grammar II: Concord, Conditionals, Transformation
	18.12.23 - 26.12.23	Revision & Tests

LESSON PLAN (Session 23-24)**Semester -Even****Class : B.A B.Ed 6th SEM****Paper code: CPSE 302****Name of the faculty: Mrs. Sudesh Panjeta****Name of the paper: Pedagogy of English-II**

Month	Week	
January	13.01.24 - 20.01.24	Organs of Speech Description and classification of speech sounds: Vowels and Consonants
	22.01.24 - 27.01.24	Segmental features: Phoneme and allophone
	29.01.24 - 03.01.24	Supra-segmental features: accent, stress, intonation and rhythm
February	05.02.24 - 10.02.24	Phonemic transcription Features of Indian English (GIE/ Standard Indian English (SIE) and RP/BBC)
	12.02.24 -17.02.24	Teaching of Language Skills: LSRW and their Sub-Skills
	19.02.24 - 24.02.24	Teaching of Language: Grammar and Vocabulary
	26.02.24 - 02.03.24	Teaching of Literature: Prose, Poetry and Drama
March	04.03.24 - 09.03.24	Lesson Planning in Language Teaching: Nature, Objective and Needs

	11.03.24-16.03.24	Significance of materials in language classroom Why and what type of materials
	18.03.24-22.03.24	Text book and beyond textbook Teacher generated material, student chosen texts
	23.03.24-25.03.24	Holi Vacations
	25.03.24-30.03.24	Audio-Visual Aids (Electronic and Print Media), NROER, E-content and Swayam Prabha, Radio, TV, Films, Mobile Phones, Computer, Internet, Realia, Pictures, Flashcards, Flannel Board, OHP, Blackboard, Models, Tape Recorder, Charts, Magazines, Newspaper,
April	01.04.24 - 06.04.24	Planning co-curricular activities (discussion, debates, workshops, seminar etc) ➤ Language lab, CALL programmes etc.
	08.04.24 - 13.04.24	➤ Concept and Importance of Assessment and Evaluation
	15.04.24 - 20.04.24	➤ Assessment of Language Skill (LSRW) and Language concepts (Sounds, Vocabulary, Structure and Grammar)
	22.04.24 - 27.04.24	Assessment in Poetry, Prose and Drama
	29.04.24 - 04.05.24	Techniques of evaluation –oral, written, portfolio;
May	06.05.24 - 11.05.24	Close test, Self-evaluation; Peer evaluation; Group evaluation
	13.05.24 - 18.05.24	Types of questions and test items: Assessment Activities and tasks

	20.05.24 - 25.05.24	Revision & Test
	27.05.24 - 01.06.24	Revision & Test
June	03.06.24 - 19.06.24	Revision & Test

LESSON PLAN(Session 2023-24)

Semester:Odd

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

Paper code : 301

Name of the faculty :Dr. Neelam Panwar

Name of the paper : Pedagogy of Hindi

Month	Week	Topics to be covered
October	02.10.23-07-10.23	Unit 1: <ul style="list-style-type: none">Bhasa Ki Prakriti-Bhasa Ki Visheshtaye, Bhasa Ke ParkarBhasa Ek Niyam Sanchalit Tantar Ke Rup Mei.
	09.10.23-14.10.23	<ul style="list-style-type: none">Bhasa aur Ling, Bhasa Vai Satta, Bhasa Aur Asmita, Bhasa Aur Varg, Madhyam Bhasa.
	16.10.23-21.10.23	<ul style="list-style-type: none">Matrbhasa, Partham Bhasa, Davitya Bhasa, Tritya Bhasa,Bhasa Aur Adhigam.
	23.10.23-28.10.23	Unit 2: Samast Pathyakarm mei Bhasa Ka Upyog, Bhasa Aur Sahitya, Hindi Sahitya Ki Vividh Vidhaye.
	30.10.23-31.10.23	<ul style="list-style-type: none">Swatantarta se Pahle Aur Swatantarta ke Baad Hindi Ki Bhumika.
November	02.11.23-04.11.23	Unit 3: <ul style="list-style-type: none">Hindi Partham, Dvitya Aur Tritya Bhasa ke Rup MeiHindi Padhne Padhane Ki Chunotiya.
	06.11.23-10.11.23	<ul style="list-style-type: none">Tribhasa Sutr Ki Visheshtaye.
	10.11.23-13.11.23	<ul style="list-style-type: none">Dipawali Vacations
	17.11.23-18.11.23	<ul style="list-style-type: none">Samvidhan ki Shiksha Samitiyo ki Report Mei Bhasa Ki Ishthiti.Kothari Aayog 1964-66.
	20.11.23-25.11.23	<ul style="list-style-type: none">Rastriya Shiksha Niti-1986.Rastriya Pathyacharya-2005.
	27.11.23-30.11.23	Unit 4: <ul style="list-style-type: none">Bhasa Dakhtao Ka Vikas-sunna vai Bolna, Kahani, SamvadPadhna
December	01.12.23-02.12.23	<ul style="list-style-type: none">Mukhar Vai Maun Vachan Vyapak Tatha Gahan Pathan, Dosh Vai Unka Niwaran.
	04.12.23-09.12.23	<ul style="list-style-type: none">Likhna Vai Likhne Ke Chran.Sarjnatmak Lekhan,.Oapcharik Lekhan.
	11.12.23-16.12.23	<ul style="list-style-type: none">Anoapcharik Lekhan, Diary, Patr, Samachar Ityadi.
	18.12.23-23.12.23	<ul style="list-style-type: none">Devnagri Lipi Ka Maankikaran.Vyakaran Anuvad Parnali Vidhi.
	26.12.23-30.12.23	<ul style="list-style-type: none">Partyaksh Parnali Vai Dhachagat Parnali.
January	01.01.24 onwards	<ul style="list-style-type: none">Examinations

LESSON PLAN(Session 2023-24)

Semester:Even

Class :B.A.B.Ed. 6th Semester

Paper code : 302

Name of the faculty :Dr. Neelam Panwar

Name of the paper : Pedagogy of Hindi

Month	Week	Topics to be covered
February	05.02.24-10.02.24	Unit 1: <ul style="list-style-type: none">• Hindi Uchharan Shikshan:-• Uchharan Avyav Sathan.• Hindi Ki Manak Dhavniya.
	12.02.24-17.02.24	<ul style="list-style-type: none">• Blaghat, Sawraghat, Anutan.
	19.02.24-24.02.24	<ul style="list-style-type: none">• Asudh Uccharan Ke Karan,• Unke Parkar Vai Sudhar Ke Upai.
	26.02.24-02.03.24	<ul style="list-style-type: none">• Shabd Rachna, Sabad Shaktiya, Muhavre Aur Lokoktiyo Ka Bhasa Shiksan Mei Mahtav.
March	04.03.24-09.03.24	Unit 2: <ul style="list-style-type: none">• Pathaicharya, Pathyakarm Tatha Pathya Pustko Ka Sambandh.• Pathyakarm Ka Nirman Evam Pathai pustak Ka Vislesan.
	11.03.24-16.03.24	<ul style="list-style-type: none">• Bhasa Ki Pathai pustak Ki Vishestaye.• Pathyakarm Evam Pathaipustak Ka Vislesan Evam Mulyankan.
	18.03.24-22.03.24	<ul style="list-style-type: none">• Ratant Parnali Se Nirmittvadi Adhigam Ki Aur.
	23.03.24-25.03.24	<ul style="list-style-type: none">• Holi Vaccation
April	01.04.24-06.04.24	Unit 3: <ul style="list-style-type: none">• Print Media Evam Anya Pathan Samgri.• Patrikae, Samachar Patr, Kaksha Pustkalya, Suchna. Prodhogiki Evam Pathan Samgri - Radio, Doordarshan, Film.
	08.04.24-13.04.24	<ul style="list-style-type: none">• Pathaisahgami Kiryai (Sahitya Parisad Paricharcha,• Vad-vivad, Karya Goshthi, Seminar Ityadi).• Bhasha Paryogsala.
	15.04.24-20.04.24	Unit 4: <ul style="list-style-type: none">• Mulyankan :- Inki Bhumika Aur Mahtav.• Bhasa Vikas Ki Pargati Aur Mulyankan..
	22.04.24-27.04.24	<ul style="list-style-type: none">• Satat Evam Vyapak Mulyankan.• Mulyankan Ki Parvidhiya :- Mokhik, Likhit, Savmulyankan
	29.04.24-30.04.24	<ul style="list-style-type: none">• Aapsi Mulyankan, Samuh Mulyankan.
May	01.05.24-04.05.24	<ul style="list-style-type: none">• Parsno Ka Sawrup.
	06.05.24-11.05.24	<ul style="list-style-type: none">• Khule Parsan.

	13.05.24-18.05.24	<ul style="list-style-type: none"> • Bahuvikalpei Parsan, Satyai Asatyai.
	20.05.24-25.05.24	<ul style="list-style-type: none"> • Vyakhyan Ke Sath Sath Pricharcha.
	27.05.24-31.05.24	<ul style="list-style-type: none"> • Chatro Dwara Sawyam Karke Sikhna.
June	01.06.24 onwards	<ul style="list-style-type: none"> • Examinations

LESSON PLAN

Class: - B.Sc/B.A.B.E.d 5th SEM

Paper Code: CPSLA301

Name of the Faculty:- Dr. Rekha Sharma

Subject :- Learning Assessment

Month	Week	Topic
October	10.10.23-14.10.23	<ul style="list-style-type: none"> Perspective on assessment and evaluation of learning in a constructivist paradigm
	16.10.23-21.10.23	<ul style="list-style-type: none"> Distinction between 'assessment of learning' and 'assessment for learning' Feedback as an essential component of formative assessment use of assessment for feedback; for taking pedagogic decisions
	23.10.23-28.10.23	<ul style="list-style-type: none"> Developing and maintaining a comprehensive learner profile Purposes of assessment in a 'constructivist' paradigm: engage with learners' minds in order to further learning in various dimensions
	30.10.23-31.10.23	Promote development in cognitive, social and emotional aspects Meaning and Objectives of: test, measurement, examination, and evaluation
November	01.11.23-4.11.23	Formative And Summative Evaluation <ul style="list-style-type: none"> Continuous And Comprehensive Evaluation Grading And Its Types Purposes of reporting: to communicate <ul style="list-style-type: none"> progress and profile of learner basis for further pedagogic decisions Reporting a consolidated learner profile
	06.11.23-09.11.23	<ul style="list-style-type: none"> Impact of examination-driven schooling On Pedagogy: content-confined, information focused testing; memory- and activity centric teaching and testing
	10.11.23-13.11.23	<ul style="list-style-type: none"> Diwali Vacations
	17.11.23-18.11.23	<ul style="list-style-type: none"> De-linking school-based assessment from examinations: some possibilities and alternative

		practices <ul style="list-style-type: none"> Contexts of assessment: subject- related and person- related
December	20.11.23-25.11.23	<ul style="list-style-type: none"> Efforts towards examination reforms in India based on: NPE,1986; POA, 1992; NCF, 2000 and 2005 and National Focus Group Position Paper on Examination Reforms (Discussion should cover analysis of recommendations, implementations and the emerging concerns)
	28.11.23-30.11.23	<ul style="list-style-type: none"> Management of Examination in Schools Role of ICT in examination
	01.12.23-02.12.23	<ul style="list-style-type: none"> Action Research in improving classroom practices: concept, need and steps of action research, action research as an approach to improve class and school practices. Development of an Action Research Plan.
	04.12.23-09.12.23	<ul style="list-style-type: none"> Teacher competencies Visualizing appropriate assessment tools for specific contexts, content, and student Achievement test: meaning, need, steps and blueprint.
	11.12.23-16.12.23	<ul style="list-style-type: none"> Evolving suitable criteria for assessment Organizing and planning for student portfolios and developing rubrics for portfolio assessment Statistical tools- percentage, graphical representation, frequency distribution, central tendency, variation, normal distribution
	18.12.23-23.12.23	Types of teacher feedback (written comments, oral); peer feedback Place of marks, grades and qualitative descriptions

Lesson Plan (Session 2023-24)

Semester –Odd

Name of the Faculty: Mrs. Mitu Nagpal

Nomenclature of the Paper: Pedagogy of
Mathematics I

Class: B.Sc. B.Ed. Sem. V

Paper Code:CPSPM 301

Month	Week	Topics to be Covered
October	10.10.23-14.10.23	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
	16.10.23-21.10.23	<ul style="list-style-type: none">The Role of Intuition And Logic in Mathematical Thinking, Axiomatic Framework of Mathematics: Axioms, Postulates, Undefined Terms, Defined Terms, Reasoning, Type of Reasoning, Proofs - Types of Proofs, Language of Mathematics
	23.10.23-31.10.23	Unit 2: <ul style="list-style-type: none">Cultivating Learner's Sensitivity Like Listening, Encouraging Learner for Probing, Raising Queries, Appreciating Dialogue Among Peer Group, Promoting the Student's Confidence Mathematical Thinking,
November	02.11.23-04.11.23	<ul style="list-style-type: none">Exploring Ways of Learning EngagementsProviding Opportunities for Group Activities, Group/Individual Presentation, Providing Opportunity for Sharing Ideas, Exposing to Exemplar Constructivist Learning Situations in Mathematics, Visit to District, State And National Level Science Exhibition/ Field Visit, Audio Visual Presentation Followed by its Analysis And DiscussionReflective Written Assignments, Case Studies
	06.11.23-09.11.23	Unit 3: <ul style="list-style-type: none">Need And Importance of Mathematics in School CurriculumSocial AspectsMathematical AspectsApplications of Mathematics
	10.11.23-13.11.23	Diwali Vacations
	17.11.23-19.11.23	<ul style="list-style-type: none">Aims, Objectives And Scope of Mathematics at the Secondary Stage.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
	20.11.23-26.11.23	<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 • History of Development of Mathematics And Contributions of Indian Mathematicians
	27.11.23-26.11.23	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)
December	04.12.23-09.12.23	<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
	11.12.23-16.12.23	<ul style="list-style-type: none"> • 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. • Designing And Setting up Models, Teaching Aids And Activities/ Laboratory Work, Visit to District, State And National Level Science Exhibition.
	18.12.23-26.12.23	<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.
	27.12.23 Onwards	Examinations

Lesson Plan (Session 2023-2024)

Semester -Even

Name of the Faculty: Mrs. Mitu Nagpal **Nomenclature of the Paper:** Pedagogy of Mathematics (II)

Class: B.Sc. B.Ed. Sem. VI

Paper Code: CPSPM 302

Month	Week	Topics to be Covered
January	13.01.24-20.01.24	Unit 1: Approaches of Teaching Mathematics <ul style="list-style-type: none">• Basic Principles of Methods of Teaching Mathematics• Principles of Child Development And Learning
	22.01.24-27.01.24	<ul style="list-style-type: none">• Problem Posing / Solving in Mathematics, Problem Posing: Problem Posing Skill Contextualised to Recognition of Pattern, Extension of Pattern, Formulation of Conjecture and Generalisation Through Several Illustrations Drawn From Learners Immediate Environment, Skill Development of Process Questioning Can Stimulate Discussion of an Idea, Leading to Further Exploration And Use of Oral Language to Explain And Justify a Thought.
	29.01.24-03.02.24	<ul style="list-style-type: none">• Problem Solving: Understanding of Problem, Splitting the Problem in Known And Unknown Parts, Symbolisation And Mathematical Formulation, Solving Problem With Multiplicity of Approaches- Exploration of Alternative Methods Through Probing Questions And Concrete Analogies, Attitude Build Up of Internal Questioning – Learn to Ask Themselves Key Questions Before, During And After the Solution Process
February	05.02.24-10.02.24	<ul style="list-style-type: none">• Methods of Teaching Mathematics: Induction And Deduction, Analytic And Synthetic Methods, Heuristic or Discovery Method Exploring Ways of Assessment

	12.02.24-17.02.24	Unit II: Assessment and Evaluation <ul style="list-style-type: none"> Exploring Ways of Assessment, Presentation And Communication Skills in Mathematics, Posing Conceptual Questions from Simple Situations, Interpretation And Analysis, Designing Innovative Learning Situations, Performance in Group Activity, Laboratory/ Technological Experiences, Reflective Written Assignment, Written Test on Conceptual Understanding of Specific Topics And Its Pedagogy
	19.02.24-24.02.24	<ul style="list-style-type: none"> A Year And Summative Assessment by the University, Informal Creative Evaluation encouraging Learner to Examine a Variety of Methods of Assessment in Mathematics so as to Assess Creativity, Problem Solving And Practical Performance. Appreciating Evaluation through Overall Performance of the Child. Self And Peer Evaluation, Formal Ways of Evaluation
	26.02.24-02.03.24	<ul style="list-style-type: none"> Variety of Assessment Techniques And Practices. Assessing Product vs. Process, Knowing vs. Doing. in Practice Midterm / Terminal Examination, Practicing Continuous And Comprehensive Evaluation to Test Regular Programs / Achievement of Learner trends in Organising Content
March	04.03.24-09.03.24	Unit III: Construction of concepts and Techniques of Teaching Mathematics <ul style="list-style-type: none"> Trends in Organising Content, Recall And Consolidation of Various Concepts With Varied Examples And Illustrations in Teaching of Arithmetic, Algebra, Co-Ordinate Geometry, Geometry, Trigonometry, Mensuration, Statistics And Probability Using Inductive And Deductive, Analytic And Synthetic, Heuristic, Project And Problem Solving Methods

	18.03.24-22.03.24	<ul style="list-style-type: none"> • Analysis of Concepts Coherently in Graded Way, Misconception And Common Errors • Developing Blue Print for Designing Question Paper
	23.03.24-25.03.24	Holi Vacations
	26.03.24-31.03.24	<ul style="list-style-type: none"> • Identifying And Organizing Components for Developing Frame Work of Question Paper at Different Stages of Learning Different Types of Questions
April	01.04.24-06.04.24	<ul style="list-style-type: none"> • Framing Questions Based on Concepts And Sub Concepts so as to Encourage Critical Thinking, Promote Logical Reasoning And to Discourage Mechanical Manipulation And Rote Learning
	08.04.24-13.04.24	Unit IV: Planning for Classroom Transaction <ul style="list-style-type: none"> • Planning ICT Based Mathematics Lesson, Distinct Ways of Using Open Source Software in Mathematics Lesson (Exploratory Way Only- By Giving Already Created Ready-Made Document or File And Invite Them to Explore it.)
	15.04.24-20.04.24	<ul style="list-style-type: none"> • Thinking Geometrically (Dynamics in Mathematics Using Software) Technological Pedagogical Content Knowledge (TPCK)- Developing Competencies Required to Make Appropriate Use of Technology
	22.04.24-27.04.24	<ul style="list-style-type: none"> • Learner Teachers Will be Required to Make Pedagogical Choices Critically About When And Where Technology Should Be Used
	29.04.24-04.05.24	<ul style="list-style-type: none"> • The Role of Cooperative Learning in Mathematics
May	06.05.24-11.05.24	<ul style="list-style-type: none"> • Learning Styles, Learning Difficulties And Diagnostic Tests
	13.05.24-18.05.24	<ul style="list-style-type: none"> • What Are The Learning Styles in Mathematics? - Visual Learners, Auditory Learners And Kinesthetic Learners
	20.05.24-25.05.24	<ul style="list-style-type: none"> • Identification of Learning Difficulties, Error Patterns, Diagnostic And Remedial Teaching, Preparation of Diagnostic Tests
June	27.05.24-01.06.24	<ul style="list-style-type: none"> • Modes of Learning Engagement
	3.05.24-19.06.24	<ul style="list-style-type: none"> • Revision And Test

LESSON PLAN
SESSION: 2023-2024

CLASS: B.Sc B.Ed V SEM

SUBJECT: BOTANY- CELL BIOLOGY AND GENETICS

TEACHER IN CHARGE: Ms. SHASHI

MONTH	WEEK	TOPICS
OCTOBER	10 Oct. to 14 Oct.	Unit I: Cell Biology- Basic principles of microscopy, Light, fluorescent, phase contrast, UV and electron microscope Ultrastructure of prokaryotic and eukaryotic cell
	16 Oct. to 21 Oct.	Ultrastructure and function of Cell wall, cell membrane, Golgi complex, Endoplasmic reticulum, Mitochondria
	23 Oct. to 28 Oct.	Unit II: Ultrastructure and function of Chloroplast Ribosome, Lysosome and microbodies
	30 Oct. to 31 Oct.	Ultrastructure and function of Nucleus
NOVEMBER	1 Nov. to 04 Nov.	Brief account of morphology and organisation of prokaryotic and eukaryotic chromosome, Nucleosome model, concept of karyotype and ideogram
	06 Nov. to 09 Nov.	Unit III- Chromosomal alterations: Structural variations- Deletion, Duplication, Inversion and Translocation
	10 Nov. to 13 Nov.	Diwali Vacation
	14 Nov. to 18 Nov.	Numerical variations- Aneuploidy and euploidy Mutations- Types, Transposable genetic elements
	20 Nov. to 25 Nov.	Cell division- Cell cycle, events of cell division, karyokinesis, cytokinesis, Mitosis, meiosis and their significance
	27 Nov. to 30 Nov.	Unit-IV- Genetics- Mendelism- Review of Mendel's law of inheritance, solving problems related to Mendel's law and Revision
DECEMBER	1 Dec. to 2 Dec.	Inheritance of genes: Incomplete dominance, complementary genes action (flower colour in sweet pea)
	4 Dec. to 9 Dec.	Supplementary gene action (coat colour in mice), epistasis (fruit colour in summer squash), multiple factor inheritance (ear size in maize), Linkage and crossing over
	11 Dec. to 16 Dec.	Sex determination in Plants, Cytoplasmic inheritance- presence and functioning of mitochondrial and plastid DNA, Cytoplasmic male sterility
	18 Dec. to 23 Dec.	Revision

LESSON PLAN

SESSION: 2023-2024

CLASS: B.Sc B.Ed VI SEM

SUBJECT: BOTANY 302 - PLANT PHYSIOLOGY AND METABOLISM

TEACHER IN CHARGE: Ms. SHASHI

MONTH	WEEK	TOPICS
JANUARY	13 Jan. to 20 Jan.	Unit I- Movements of water molecules in plants: Importance of water to plant life, properties of water Review of diffusion– definitions
	22 Jan. to 27 Jan.	Review of osmosis and imbibition – definitions, concept of water potential, osmotic potential, pressure potential, solute potential
	29 Jan. to 31 Jan.	Absorption of water: Root as an absorbing organ, mechanism and pathways of water movement from root hair to root xylem
FEBRUARY	1 Feb. to 3 Feb.	Symplast, apoplast and trans-membrane pathways Ascent of sap: Vertical pathway of water in plants, structural properties of xylem,
	5 Feb. to 10. Feb.	Root pressure theory, cohesion – tension hypothesis Unit II- Respiration in plants Transpiration: Definition, types, mechanism of stomatal opening and closing (role of K^+ and Absciscic acid), anti-transpirants.
	12 Feb. to 17 Feb.	Factors and significance of transpiration, guttation. Cellular respiration: Introduction, respiratory quotient, aerobic and anaerobic respiration, structure of mitochondrion
	19 Feb. to 24 Feb.	Glycolysis, synthesis of acetyl CoA, Krebs cycle, oxidative phosphorylation, electron carrier complexes
	26 Feb. 29 Feb.	Chemiosmotic hypothesis, proton pump theory synthesis of ATP, pentose phosphate pathway
MARCH	1 Mar. to 2 Mar.	Unit- III Manufacture and transport of organic substrates: Photosynthesis: Introduction, brief history, ultrastructure of chloroplast, photosynthetic pigments
	4 Mar. to 9 Mar.	Absorption and action spectra, photochemical (light) reaction, photophosphorylation, Z-scheme, Calvin cycle, C4 pathway,

	11 Mar. to 16 Mar.	CAM pathway, photorespiration, factors and significance of photosynthesis. Transport of Organic Substances: Ultrastructure and functions of phloem (sieve tube), mechanism of phloem transport,
	18 Mar. to 22 Mar.	Source – sink relationship, theories and factors affecting photosynthesis Mineral Nutrition: Major and micro-nutrients absorption of mineral salts
	23 Mar. to 25 Mar.	Holi Vacations
	26 Mar. to 30 Mar.	Revision Mechanism and theories of mineral uptake; passive absorption – mass flow, Donnan equilibrium,
APRIL	1 Apr. to 6 Apr.	Active absorption – carrier concept, cytochrome pump hypothesis, Role of N, P, K, Ca, Mg, Fe, N and Zn in plant metabolism, Mineral deficiency symptoms Unit IV- Plant Hormones: Definitions, phases of growth and development, photomorphogenesis
	8 Apr. to 13 Apr.	Brief account of phytochromes – discovery, physiological role and mechanism of action. Physiology of flowering: (i) Brief account of photoperiodism, short day, long day and day-neutral plants
	15 Apr. to 20 Apr.	Revision Night interruption phenomenon, florigen concept, role of phytochromes (ii) Brief account of vernalization.
	22 Apr. to 27 Apr.	Plant growth Regulators: General account, discovery, chemical nature, physiological effects and applications of Auxins
	29 Apr. to 30 Apr.	Cytokinins,
MAY	1 May to 4 May	Gibberellins, Ethylene
	6 May to 11 May	Abscisic acid, Brief account of plant movements
	13 May to 18 May	Revision
	20 May to 25 May	Revision
	27 May to 31 May	Revision
JUNE	3 June to 8 June	Revision
	10 June to 15 June	Revision

LESSON PLAN (Session 2023-2024)

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

Name of the faculty: Dr. Darshan Lal

**Paper code: PHYSICS (PHY 301)
AND THERMODYNAMICS**

Nomenclature of the paper: KINETIC THEORY

Month	Week	Topics to be covered
October	10.10.23-14.10.23	Unit I: Ideal and real gas Ideal gas: kinetic model, deduction of boyle's law, interpretation of temperature, estimation of rms speeds of molecules. Brownian motion, estimate of the Avogadro number, equipartition of energy, specific heat of monoatomic gas, extension to di- and triatomic gases.
	16.10.23-21.10.23	Behaviour at low temperatures, adiabatic expansion of an ideal gas, applications to atmospheric physics.
	23.10.23-28.10.23	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.
	30.10.23-31.10.23	Joule expansion of ideal gas and of a Van der Waals' gas, Joule coefficient, Joule-Thomson effect.
November	02.11.23-04.11.23	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.
	06.11.23-10.11.23	Transport phenomena in gases: molecular collisions, mean free path and collision cross sections, estimates of molecular diameter and mean free path, transport of mass, momentum and energy and interrelationship, dependence on temperature and pressure. Revisin and test
	10.11.23-13.11.23	Dipawali Vacations
	17.11.23-18.11.23	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,
	20.11.23-25.11.23	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,
	27.11.23-30.11.23	Entropy, principle of increase of entropy, the thermodynamic scale of temperature, its identity with the perfect gas scale, impossibility of attaining the absolute zero temperature, third law of thermodynamics.

December	01.12.23-02.12.23	Unit IV: Thermodynamic relationships Thermodynamic variables- extensive and intensive, Maxwell's general relationships.
	04.12.23-09.12.23	Application to Joule–Thomson expansion and adiabatic cooling in a general system, Van der Waals' gas, Clausius-Clapeyron heat equation, thermodynamic potentials and equilibrium of thermodynamical systems, relation with thermodynamical variables, cooling due to adiabatic demagnetization, production and measurement of very low temperatures.
	11.12.23-16.12.23	Blackbody radiation: pure temperature dependence, Stefan-Boltzmann law, pressure of radiation, spectral distribution of blackbody radiation, Wein's displacement law, Rayleigh-Jean's law.
	18.12.23-23.12.23	Planck's quantum postulates, Planck's law, complete fit with experiment, interpretation of behaviour of specific heats of gases at low temperature.
	26.12.23-30.12.23	Revision and test.
January	01.01.24 onwards	Examinations

LESSON PLAN (Session 2023-2024)

Class : B. Sc. B. Ed. 6th Semester

Name of the faculty: Dr. Darshan Lal

Paper code: PHYSICS (PHY 302)

Nomenclature of the paper: SOLID STATE

PHYSICS, SOLID STATE DEVICES AND ELECTRONICS

Month	Week	Topics to be covered
February	01.02.24-10.02.24	Unit I: Solid State Physics Overview: Crystalline and glassy forms, liquid crystals, glass transition. Structure: Crystal structure, periodicity, lattices and bases, fundamental translation vectors, unit cell.
	12.02.24-17.02.24	Wigner-seitz cell, allowed rotations, lattice types, lattice planes, common crystal structures, Laue's theory of X-ray diffraction, Bragg's law, Laue patterns.
	19.02.24-24.02.24	Bonding: Potential between a pair of atoms, Lennard-Jones potential, concept of cohesive energy, covalent, Vander Walls', ionic, and metallic crystals.
	26.02.24-02.03.24	Magnetism: Atomic magnetic moment, magnetic susceptibility, Dia-, Para- and Ferro-magnetism, Ferromagnetic domains, hysteresis.
March	04.03.24-09.03.24	Unit II: Thermal properties and band structure Thermal properties: lattice vibrations, simple harmonic oscillator, second order expansion of Lennard-Jones potential about the minimum, vibrations of one dimensional monatomic chain under harmonic and nearest neighbor interaction approximation, concept of phonons, Debye model; lattice specific heat, low temperature limit.
	11.03.24-16.03.24	Band structure: Electrons in periodic potential, nearly free electron model (qualitative), energy bands, energy gap, metals, insulators, semiconductors.
	18.03.24-22.03.24	Motion of electrons: Free electrons, conduction electrons, electron collisions, mean free path, conductivity and Ohm's law, Density of states, Fermi energy, Fermi velocity, Fermi-Dirac distribution.
	23.03.24-25.03.24	Holi Vaccation
April	01.04.24-06.04.24	Unit III: Semiconductors Intrinsic semiconductors, electrons and holes, Fermi level,
	08.04.24-13.04.24	Temperature dependence of electron and hole concentrations, Doping, impurity states, n and p type semiconductors,
	15.04.24-20.04.24	conductivity, mobility, Hall effect, Hall coefficient. Semiconductor devices: metal-semiconductor junction, p-n junction, majority and minority carriers, diode,
	22.04.24-27.04.24	Zener and tunnel diodes, light emitting diode, transistor, solar cell.
	29.04.24-30.04.24	Revision and test.

May	01.05.24-04.05.24	Unit IV: Electronics Power supply: Diode as a circuit element, load line concept, rectification, ripple factor, Zener diode, voltage stabilization, IC voltage regulation, characteristics of a transistor in CB, CE and CC mode, graphical analysis of the CE configuration, low frequency equivalent circuits, h-parameters, bias stability, thermal runaway.
	06.05.24-11.05.24	Field effect transistors: I-V curves of JFET, biasing of JFET, operation of JFET, source follower, depletion and enhancement mode, MOSFET, biasing of MOSFET, FET as variable voltage resistor, digital MOSFET circuits, Tunnel diode, concept of negative resistance, characteristics and working of tunnel diode.
	13.05.24-18.05.24	UJT- its construction and working, UJT as relaxation oscillator. Small signal amplifiers: General principles of operation, classification, distortion, RC coupled amplifier, gain, frequency response, input and output impedance, multistage amplifiers.
	20.05.24-25.05.24	Transformer coupled amplifiers, Equivalent circuits at low, medium and high frequencies, emitter follower, low frequency common-source and common-drain amplifier, Noise in electronic circuits.
	27.05.24-31.05.24	Revision and test.
June	01.06.24 onwards	Examinations

LESSON PLAN (SESSION:-2023-2024)
(SEMESTER-ODD)

CLASS- B.Sc. B.Ed.(5th)SEM

Name of the faculty: -Mrs. Deepshikha Jain

PAPER CODE:- CPSPS 301

Subject:- Pedagogy of physical science

Month	Date	Topics
October	Oct 10 th -14 th ,2023	Unit-1 Nature of science:- <ul style="list-style-type: none"> 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. Curriculum development <ul style="list-style-type: none"> 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
	Oct 16 th -21 st ,2023	<ul style="list-style-type: none"> Curriculum for secondary level Objectives of teaching science at upper primary level and secondary level Analysis of syllabus and textbooks of science at upper primary and secondary level Unit-2 Lesson planning:- <ul style="list-style-type: none"> instructional objectives identification of teaching points organising the contents designing learning experiences ➤ Class test of first half of unit 1
	Oct 23 th -28 th ,2023	<ul style="list-style-type: none"> Pedagogical shift from science as fixed body of knowledge to process of constructing knowledge Scientific method:- <ul style="list-style-type: none"> Observation, enquiry, hypothesis, experimentation, data collection, generalization Unit and lesson planning:- <ul style="list-style-type: none"> 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
	Oct 30 th -	Strategies of learning:-

	31 st ,2023	<ul style="list-style-type: none"> • Inquiry approach • Experimentation problem solving • Concept mapping • Collaborating learning
November	Nov 1 st - 4 th ,2023	<ul style="list-style-type: none"> • Experiential learning in science • Facilitating learners for self study in science <p>Learning resources:-</p> <ul style="list-style-type: none"> • Identification and use of learning resources in science from immediate environment such as <ul style="list-style-type: none"> ○ 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
	Nov 6 th -9 th ,2023	<p>Instructional resources:-</p> <ul style="list-style-type: none"> • Mutimedia,computer,charts,models improvised apparatus and their roles and functions <p>strengthening of learning science:-</p> <ul style="list-style-type: none"> • Organisation of practicals in laboratory • Use of science kits • Investigatory project • Field trips • Science clubs, • science fairs, • Use of worksheets
	NOV 10 th -13 th ,2023	Diwali Vacations
	NOV 14 th -25 th ,2023	<p>➤ Class test of first half of unit-2</p> <p>Unit-3</p> <p>Lesson planning and learning concepts of science such as</p> <ul style="list-style-type: none"> • Newton's laws of motion • Universal law of gravitation • Heat as energy • Temperature • Transfer of heat • Reflection • Refraction and total internal reflection of light • Mole concept and avagadro's number • Periodicity of elements

December	NOV 27 th -30 th ,2023	<ul style="list-style-type: none"> • Acid, base & salt & pH scale • 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
	Dec 1 st -4 th ,2023	<ul style="list-style-type: none"> ➤ 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. <p>Unit-4 Exploring learning of science</p> <ul style="list-style-type: none"> • 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
	DEC 7 th -11 th ,2023	<ul style="list-style-type: none"> • characteristics of metals, metallurgical operations-dressing of the ore, calcinations, roasting, smelting and refining • Concept of electrode potential and electrochemical series, reactivity of metals and non-metals, extraction of metals like iron, copper and aluminum • Types and structure of cell, brief account of functions of various cell organelles, cell division • Elementary idea of mitosis and meiosis. • Structure and function of meristems (apical meristems) • structure and functions of epithelial, connective, muscular and nervous tissues • feeding mechanism, nutrients balance diet and nutrition deficiency diseases • Communicable and non-communicable diseases
	DEC 13 th -16 th ,2023	<p>Evaluation in Science</p> <ul style="list-style-type: none"> • Modes of evaluation: <ul style="list-style-type: none"> ○ oral, observation and written ○ objective and essay type questions, ○ Types of objective test items ○ short answer type ○ multiple choice type ○ fill-in-blank type

		<ul style="list-style-type: none"> ○ true-false ○ matching type <p>➤ HOUSE EXAM TEST</p> <ul style="list-style-type: none"> • 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. <p>Tools and Techniques of Assessment:</p> <ul style="list-style-type: none"> • learning indicators, • performance-based assessment • learners' records of observations, field diary
	DEC 20 th -24 th , 2023	<ul style="list-style-type: none"> • oral presentation of learner's work • portfolio • assessment of project work, • assessment of learning based on content mentioned in unit III and IV <p>Modes of Learning Engagement:</p> <ul style="list-style-type: none"> • 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

LESSON PLAN (SESSION:-2023-2024)
(SEMESTER-ODD)

CLASS- B.Sc. B.Ed.(5th)SEM

Name of the faculty: -Mrs. Deepshikha Jain

PAPER CODE:- MTH 301

Subject:-Mathematics: Real Analysis

Month	Date	Topics
October	Oct 10 th -14 th ,2023	UNIT-1 Real number system:- <ul style="list-style-type: none"> Completeness axiom Densities of rational/irrational
	Oct 16 th -21 st ,2023	<ul style="list-style-type: none"> Properties of real numbers, Least upper bound axiom of a function
	Oct 23 th -28 th ,2023	<ul style="list-style-type: none"> Basic properties of limits Continuous functions Classification of discontinuities
	Oct 30 th -31 st ,2023	<ul style="list-style-type: none"> Properties of continuous functions Boundedness of a continuous function on [a,b] Uniform continuity
November	Nov 1 st -4 th ,2023	UNIT-4 Sequence & series <ul style="list-style-type: none"> Real sequence, definition Theorem on limits of sequences
	Nov 6 th -9 th ,2023	<ul style="list-style-type: none"> Bounded & monotonic sequences Sequential continuity Cauchy's convergence criterion Infinite series of non negative terms
	Nov 10th-13th,2023	Diwali vacations
	Nov 17 th -25 th ,2023	<ul style="list-style-type: none"> Comparison tests <ul style="list-style-type: none"> Ratio test Raabe's test Logarithmic test Demorgan & Bertrand's tests ➤ Class test of first half of unit 1
	Nov 27 th -30 th ,2023	<ul style="list-style-type: none"> Cauchy's integral test Alternating tests Leibnitz test
December	Dec 1 st -4 th ,2023	<ul style="list-style-type: none"> ➤ Class test of unit 4 Absolute and conditional convergence Uniform convergence of series of function
	Dec 7 th -11 th ,2023	UNIT-2 <ul style="list-style-type: none"> Differentiability, chain rule, mean value theorems and their geometrical interpretations Darboux's intermediate value theorem for derivatives

	Dec 13 th -16 th ,2023	<ul style="list-style-type: none"> • Taylor's theorem with various forms of remainder UNIT-3 Integral calculus:- <ul style="list-style-type: none"> • Riemann integral
	Dec 20 th -24 th ,2023	<ul style="list-style-type: none"> ➤ Class test of unit 2 • Integrability of continuous and monotonic functions • The fundamental theorem of integral calculus Mean value theorems of integral calculus

LESSON PLAN (Session 2023-2024)**Semester – 5th****Class:** B.Sc. B.Ed 5th Semester**Name of the faculty:** Dr. Ambika Gandhi**Paper code:** Zoology-301**Nomenclature of the paper:** Developmental biology

Month	Week	Topics to be covered
October	02.10.23-07-10.23	Concepts and scope of developmental biology and Gametogenesis: i) structure and types of spermatozoa, spermatogenesis. ii) structure and types of eggs, oogenesis
	09.10.23-14.10.23	Fertilization: types, mechanism and significance, Cleavage: types and patterns of cleavage, fate map.
	16.10.23-21.10.23	Gastrulation: morphogenetic movements and significance.
	23.10.23-28.10.23	Development up to the end of neurulation
	30.10.23-31.10.23	Metamorphosis of tadpole larva, hormonal control of metamorphosis
November	02.11.23-04.11.23	Development of frog up to formation of advanced tadpole.
	06.11.23-10.11.23	Embryogenesis of chick: development up to neurulation, tabulation.
	10.11.23-13.11.23	Dipawali Vacations
	17.11.23-18.11.23	Development of chick according to the hours of incubation – 18 hours, 21 hours, 24 hours, 33 hours, 48 hours, 56 hours, 72 hours, and 96 hours.
	20.11.23-25.11.23	Extra embryonic membranes of chick – development and functions.
	27.11.23-30.11.23	Placenta and placentation in mammals and parthenogenesis: natural and artificial
December	01.12.23-02.12.23	Regeneration mechanism in animals, steps of limb regeneration in amphibians and Stem cells and their significance.
	04.12.23-09.12.23	Elementary idea of the following developmental process i) Embryonic induction ii) Organizer concept iii) Differentiation

	11.12.23-16.12.23	Teratogenesis: genetic and environmental teratogenesis and Ageing and senescence.
	18.12.23-23.12.23	Revision of syllabus
	26.12.23-30.12.23	Revision of syllabus
January	01.01.24 onwards	Examinations

LESSON PLAN (Session 2023-2024)

Class: B.Sc. B.Ed 6th Semester
Paper code: Zoology-302
Ethology and Economic Zoology

Name of the faculty: Dr. Ambika Gandhi
Nomenclature of the paper: Environment studies,

Month	Week	Topics to be covered
February	05.02.24-10.02.24	Environment: - Atmosphere, lithosphere and hydrosphere as habitats and ecological factors and Abiotic factors: Light and Temperature as ecological factors, limiting factors, Liebig's law of minimum and Shelford Law of tolerance
	12.02.24-17.02.24	Ecosystem: Dynamics of Ecosystem, Ecological Pyramids, Energy flow, Food chain and Food web, Productivity.
	19.02.24-24.02.24	Biochemical cycle: water, nitrogen and sulphur cycles recycling of organic nutrients. Population: Definition and attributes— density, natality, vital index, age distribution, growth patterns, migration, dispersal, dispersions, carrying capacity.
	26.02.24-02.03.24	Biotic Community: Definition, Structure, Ecotone, edge effects, habitat and different types of niche, Ecological succession, Intra and Interspecific interaction. All types of animal association.
March	04.03.24-09.03.24	Elementary statistics: Central tendency and Correlation Coefficient and Pollution Types and Causes.
	11.03.24-16.03.24	Air pollution: sources, acid rain, photochemical smog, prevention and control.
	18.03.24-22.03.24	Water pollution, sources, prevention and control, eutrophication, Noise pollution: sources, prevention and control.
	23.03.24-25.03.24	Holi Vacation
April	01.04.24-06.04.24	Soil pollution: sources, prevention and control , Thermal pollution and Green house effect and global warming.
	08.04.24-13.04.24	Depletion of ozone layer, Natural Disaster: Earthquake, Tsunami and Natural Resources and conservation – Non Renewable and Renewable.
	15.04.24-20.04.24	Bioaccumulation and Biomagnifications and Introduction and history of Ethology.
	22.04.24-27.04.24	Behaviour: Innate (tropism, Texas, reference instincts) and

		Acquired (learning and reasoning) and motion: Classification of directional movements:- kinesis, tropism & taxes.
	29.04.24-30.04.24	Communication: Definition ,types of signal (touch, sound, Chemical, and visual), Societies: characteristics and advantage with reference to honey bee, and monkey.
May	01.05.24-04.05.24	Economic Importance of Invertebrates (Apiculture, Aquaculture, Sericulture) and Insects as pests and their management.
	06.05.24-11.05.24	Economic Importance of vertebrates (Fish culture and Poultry culture.
	13.05.24-18.05.24	Wild life of India causes of depletion of wild life, modes of wild life conservation, Red data book.
	20.05.24-25.05.24	Environmental legislations (Wildlife Protection Act, Environment act. Biodiversity act). Wild life scenario in and around central foot hills of the Aravalli and the Thar.
	27.05.24-31.05.24	Revision of syllabus
June	01.06.24 onwards	Examinations

Lesson plan (session:-2023-2024)
(semester-odd)

Class- b.sc. B.ed.(6th)sem

paper code:- mth 302

Name of the faculty: -mrs. Deepshikha jain

subject:-mathematics: complex analysis

Month	Date	Topics
January	Jan 13 th ,2024	Unit-1 Complex function:- <ul style="list-style-type: none"> Complex numbers, function of a complex variable
	Jan 15 th - 20 th ,2024	<ul style="list-style-type: none"> Limits cauchy riemann equations(cartesian & polar forms) Continuity
	Jan 22 nd - 27 th ,2024	<ul style="list-style-type: none"> Differentiability of a function Analytic functions Harmonic functions
	Jan 29 th - 31 st ,2024	<ul style="list-style-type: none"> Construction of an analytic functions
February	Feb 1 st - 3 rd ,2024	<ul style="list-style-type: none"> Class test of unit-1 Unit-2 Complex integration:- <ul style="list-style-type: none"> Complex integration Complex line integrals
	Feb 5 th - 10 th ,2024	<ul style="list-style-type: none"> Cauchy's integral theorem
	Feb 12 th - 17 th ,2024	<ul style="list-style-type: none"> Morera's theorem Indefinite integral Class test of first half of unit-2
	Feb 19 th - 24 th ,2024	<ul style="list-style-type: none"> Fundamental theorem of integral calculus Derivative of an analytic function
	Feb 26 th - 29 th ,2024	<ul style="list-style-type: none"> liouville's theorem Poisson's integral formula
March	Mar 1 st - 2 ⁿ ,2024 ^d	<ul style="list-style-type: none"> Class test of second half of unit-2 Unit-3 Series and ana lytic functions:- <ul style="list-style-type: none"> Taylor's series
	Mar 4 th - 9 th ,2024	<ul style="list-style-type: none"> Laurent's series Numerical based on taylor's series
	mar 11 th - 16 th ,2024	<ul style="list-style-type: none"> Numerical based on laurent's series Maximum modulus principle
	Mar 18 th - 22 nd ,2024	<ul style="list-style-type: none"> Schwarz's lemma Singularities

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	30 th ,2024	<ul style="list-style-type: none"> Numerical based on singularities Zeroes of an analytic function
April	Apr 1 st -6 th ,2024	<ul style="list-style-type: none"> Numerical based on zeroes of an analytic function Meromorphic functions
	Apr 8 th -13 th ,2024	<ul style="list-style-type: none"> Numerical based on meromorphic functions Entire functions riemann's theorem Casorati-wierstrass theorem
	Apr 15 th -20 th ,2024	Unit-4 Theorems:- <ul style="list-style-type: none"> Residue theorem Residue at a pole Residue at infinity Computation of residue
	Apr 22 nd -27 th ,2024	<ul style="list-style-type: none"> Rouche's theorem House exam test Fundamental theorem of algebra
	Apr 29 th -30 th ,2024	<ul style="list-style-type: none"> Mittag leffer expansion theorem Evaluation of real definite integrals by contour integration
May	May 1 st -4 th ,2024	<ul style="list-style-type: none"> Evaluation of real definite integrals by contour integration continued Conformal mapping
	May 6 th -11 th ,2024	<ul style="list-style-type: none"> Bilinear transformation Properties of bilinear transformation
	May 13 th -18 th ,2024	<ul style="list-style-type: none"> ➤ Revision ➤ Class test of second half of unit-3
	May 20 th -25 th ,2024	<ul style="list-style-type: none"> ➤ Revision of unit-1 ➤ Class test of unit-1
	May 27 th -31 st ,2024	<ul style="list-style-type: none"> ➤ Revision of unit-2
June	Jun 1 st ,2024	<ul style="list-style-type: none"> ➤ Class test of unit-2
	Jun 3 rd -8 th ,2024	<ul style="list-style-type: none"> ➤ Revision of unit-3 ➤ Class test of unit-3
	Jun 10 th -15 th ,2024	<ul style="list-style-type: none"> ➤ Revision of unit-4 ➤ Class test of unit-4

Lesson plan (session:-2023-2024)
(semester-even)

Class- b.sc. B.ed.(6th)sem

paper code-cpsps 302

Name of the faculty: -mrs. Deepshikha jain

subject:-pedagogy of physical science

Month	Date	Topics
January	Jan 13 th ,2024	Unit-1 Nature of science:- <ul style="list-style-type: none"> 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
	Jan 15 th -20 th ,2024	Curriculum development <ul style="list-style-type: none"> Need and salient features of curriculum, strategy and principle of curriculum construction Trends in science curriculum,development of science curriculum in india
	Jan 22 nd -27 th ,2024	<ul style="list-style-type: none"> Basic criteria of validity of a science curriculum in the light of ncf-2005, Curriculum for secondarylevel Objectives of teaching scienvce at upper primary level and secondary level
	Jan 29 th -31 st ,2024	<ul style="list-style-type: none"> Analysis of syllabus and textbooks of science at upper primary and secondary level Unit-2 Lesson planning:- <ul style="list-style-type: none"> Pedagogical shift from science as fixed body of knowledge to process of constructing knowledge
Febuary	Feb 1 st -3 rd ,2024	<ul style="list-style-type: none"> ➤ Class test of first half of unit-1 Scientific method:- <ul style="list-style-type: none"> Observation, enquiry,hypothesis, experimentation, Data collection,generalization Unit and lesson planning:- <ul style="list-style-type: none"> Using constructivist approach, taking examples from specific contents of science such as <ul style="list-style-type: none"> Electric circuit
	Feb 5 th -10 th ,2024	<ul style="list-style-type: none"> Magnetic effects of current Physical and chemical changes Strategies of learning:- <ul style="list-style-type: none"> Inquiry approach, Experimentation,
	Feb 12 th -17 th ,2024	<ul style="list-style-type: none"> Problem solving , Concept mapping,

		<ul style="list-style-type: none"> • Collaborating learning • Experiential learning in science • Facilitating learners for self study in science <p>➤ Class test of second half of unit-1</p>
	Feb 19 th -24 th ,2024	Learning resources:- <ul style="list-style-type: none"> • Identification and use of learning resources in science from immediate environment such as <ul style="list-style-type: none"> ○ Natural ph indicators ○ Common salts ○ Fruits
	Feb 26 th -29 th ,2024	<ul style="list-style-type: none"> ○ Lenses ○ Mirrors • Inter-conversion of one form of energy to other, exploring alternatives sources of energy
March	Mar 1 st -2 nd ,2024	<ul style="list-style-type: none"> • Improvisation of apparatus • Audio-visual materials • Multimedia selection and designing • Use of ict in learning science
	Mar 4 th -9 th ,2024	<p>➤ Class test of first half of unit-2</p> Strengthening of learning science:- <ul style="list-style-type: none"> • Organisation of practicals in laboratory • Use of science kits • Investigatory project • Field trips • Science clubs • Science fairs
	Mar 11 th -16 th ,2024	Relationship between science and other subjects <ul style="list-style-type: none"> • Scientific attitude • Development of values through science education • Concept mapping and its use • co-operative learning.
	Mar 18 th -22 nd ,2024	Unit-3 Pedagogic aspects in teaching - learning of physical science pedagogic aspects in teaching-learning of science concepts such as nature of matter <ul style="list-style-type: none"> • Classification of matter based on chemical constitution elements, • Compounds and mixtures, • Types of mixtures- homogenous and heterogeneous solution
	Mar 26 th -30 th ,2024	<ul style="list-style-type: none"> • Atoms and molecules • Atomic theory of matter • atomic and molecular masses • Concept of mole
April	Apr 1 st -	<p>➤ Class test of second half of unit-2</p>

	6 th ,2024	<ul style="list-style-type: none"> • Chemical reactions • Types of chemical reactions: combination, decomposition displacement reactions • Electronic concept of oxidation reduction, oxidation number of redox reactions • Elementary idea of electro chemical cell and dry cell. <p>Planning and pedagogic aspects for teaching - learning of physical science</p> <p>planning and pedagogic aspects– lesson planning and learning of science concepts such as</p> <ul style="list-style-type: none"> • Charge, electrostatic force, quantization of charge
	Apr 8 th - 13 th ,2024	<ul style="list-style-type: none"> • Capacitance, potential and potential difference • Ohm's law • Series and parallel connections of resistances and capacitances, electric power • magnetic effect • heating effect of current
	Apr 15 th - 20 th ,2024	<ul style="list-style-type: none"> • Faraday's law of induction, lenz law • Motor and generators • Oscillations and waves • Periodic and non-periodic motion • Sound as wave motion, longitudinal and transverse waves. <p>➤ Class test of first half of unit-3</p>
	Apr 22 nd - 27 th ,2024	<p>Unit-4</p> <ul style="list-style-type: none"> • Evaluation in science <p>Concept of cce, 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, making 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</p>
	Apr 29 th - 30 th ,2024	<ul style="list-style-type: none"> • Continuous and comprehensive evaluation for overall development of child. <p>➤ Class test of second half of unit-3</p>
MAY	MAY 1 st - 4 th ,2024	<p>Tools and Techniques of Assessment:</p> <ul style="list-style-type: none"> • development of learning indicators • Performance-based assessment, • learners' records of observations, • field diary, • oral presentation of learners work • portfolio • assessment of project work • construction of test items and administration of tests • exploring content and assessments of learning based on content

		mentioned in unit III and IV.
	MAY 6 th -11 th ,2024	Modes of Learning Engagement: <ul style="list-style-type: none"> Constructivist approach: <ul style="list-style-type: none"> Activity based learning experimentation Interactive learning Group work Peer learning Project work Assignments followed by presentation Discussion Inquiry approach Concept mapping etc. ➤ HOUSE EXAM TEST
	MAY 13 th -18 th ,2024	Exploration of learning of Physical Science <ul style="list-style-type: none"> Exploration of learning of science concepts such as <ul style="list-style-type: none"> displacement motion and its types speed, velocity and acceleration angular velocity and acceleration force: magnitude and direction, addition and subtraction, resultant, balanced and unbalanced force momentum, work: work done by force, dependence of work on relative orientation of force and displacement energy (kinetic and potential) work - energy equivalence, power
	MAY 20 th -25 th ,2024	<ul style="list-style-type: none"> Conversion of K.E. into P.E. and vice-versa Law of conservation of energy and momentum Gravitation: Newton's laws of gravitation, acceleration due to gravity, factors affecting 'g'. Chemical reactions, type of chemical reactions- combination, decomposition, displacement reactions, endothermic and exothermic reactions, Concept of oxidation, reduction, redox reactions, Rate of reaction, factors affecting the rate like concentration, temperature, pressure and catalyst.
	MAY 27 th -31 st ,2024	➤ Class test of first third part of unit-4
JUNE	JUN 1 st ,2024	➤ Class test of second third part of unit-4
	JUN 3 rd -8 th ,2024	➤ Class test of unit-1 ➤ Class test of unit-2 ➤ Class test of unit-3 ➤ Class test of unit-4
	JUN 10 th -15 th ,2024	➤ Revision

LESSON PLAN (Session 2023-2024)

Semester-Odd

Department : B.A.B.Ed. 7th sem.

Name of the faculty: Dr.Renu Bala

Paper: POL.401: POLITICA IDEOLOGIES

Month	Week	Topics to be covered
September	11.09.23-16.09.23	Political Ideology:Meaning
	18.09.23-23.09.23	Evolution of Political Ideology
	25.09.23-30.09.23	Nature of Political Ideology
October	02.10.23-07.10.23	Liberalism
	09.10.23-14.10.23	Classical Liberalism
	16.10.23-21.10.23	Modern Liberalism
	23.10.23-28.10.23	Contemporary
	30.10.23-04.11.23	Tests and Peresentation
November	06.11.23-09.11.23	Socialism
	10.11.23-13.11.23	DIWALI HOLIDAY
	14.11.23-18.11.23	Marxism
	20.11.23-25.11.23	Democratic Socialism
	27.11.23-02.12	Contemporary Stream: Gandhian
December	04.12.23-09.12.23	Nationalism
	11.12.23-16.12.23	Feminism
	18.12.23-23.12.23	Environmentalism

LESSON PLAN (Session 2023-2024)

Semester-Even

Class: 8th sem.B.A,B.Ed

Name of the faculty: Dr.Renu Bala

Paper: Pol. 402: IDEAS & CONCEPTS

Subject : Political Science

Month	Week	Topics to be covered
January	13.01.24-20.01.24	Nature of State :Ideal
	22.01.24-27.01.24	Liberal State
	29.01.24-03.02.24	Marxian Perspectives
February	05.02.24-10.02.24	Functions of State : Minimal State
	12.02.24-17.02.24	Welfare State
	19.02.24-24.02.24	Theories of Democracy
	26.02.24-09.03.24	Classical Theory
March	04.03.24-09.03.24	Liberal Theory
	11.03.24-16.03.24	Test
	18.03.24-22.03.24	Organization of Democracy: Election
	23.03.24-25.03.24	HOLI HOLIDAY
	25.03.24-30.03.24	Representation & Suffrage
April	01.04.24-06.04.24	Political Parties & Pressures Groups
	08.04.24-13.04.24	Models of Democracy
	15.04.24-20.04.24	Representative
	22.04.24-27.04.24	Participatory
	29.04.24-04.05.24	Deliberative
May	06.05.24-11.05.24	Concepts : Rights
	13.05.24-18.05.24	TEST & Assignment

	20.05.24-25.05.24	Liberty & Equality
	27.05.24-01.06.24	Justice & Citizenship
June	03.06.24-15.06.24	Revision

Lesson Plan (Session 2023-2024)

Even Semester

Name of the Faculty: Mrs. Mitu Nagpal

Nomenclature of the Paper: Gender

Issues in Education

Class : B.A. B.Ed./B.Sc. B.Ed. Sem. VIII

Paper Code: EPCGI 402

Month	Week	Topics to be Covered
January	13.01.24-20.01.24	Unit 1: Gender Issues: Key Concepts <ul style="list-style-type: none"> Gender, Social construction of Gender
	22.01.24-27.01.24	<ul style="list-style-type: none"> Gender Socialization, Gender Roles
	29.01.24-03.02.24	<ul style="list-style-type: none"> Gender discrimination
February	05.02.24-10.02.24	<ul style="list-style-type: none"> Revision of the unit
	12.02.24-17.02.24	Unit 2: Unit II: Structures of Gender Inequality <ul style="list-style-type: none"> Patterns of Gender inequality in terms of caste, class and Culture
	19.02.24-24.02.24	<ul style="list-style-type: none"> Patterns of violence against women: Female foeticide, Female Infanticide
	26.02.24-02.03.24	<ul style="list-style-type: none"> Child marriage. Dowry, Widowhood
March	04.03.24-09.03.24	<ul style="list-style-type: none"> Female commercial sex workers, Domestic violence
	11.03.24-16.03.23	<ul style="list-style-type: none"> Gender Identities and Socialization Practices in: Family, Schools , Other formal and Informal Organization
	18.03.24-22.03.24	<ul style="list-style-type: none"> Revision of the unit
	23.03.24-25.03.24	Holi Vacations
	26.03.24-31.03.24	Unit 3: Gender and Education, issues related to marginalized women <ul style="list-style-type: none"> Gender bias in curriculum
April	01.04.24-06.04.24	<ul style="list-style-type: none"> Drop out, Sex Ratio
	08.04.24-13.04.24	<ul style="list-style-type: none"> Literacy and Recent trends in Women's education
	15.04.24-20.04.24	<ul style="list-style-type: none"> Issues related to marginalized Women: ST/SC/Minorities

	22.04.24-27.04.24	<ul style="list-style-type: none"> • Revision of the unit
	29.04.24-04.05.24	Unit 4: Gender Jurisprudences <ul style="list-style-type: none"> • The Pre-natal diagnostic Techniques Act, 1994
May	06.05.24-11.05.24	<ul style="list-style-type: none"> • The Draft sexual Assault Law Reforms, India, 2000
	13.05.24-18.05.24	<ul style="list-style-type: none"> • Domestic violence Act 2005
	20.05.24-25.05.24	<ul style="list-style-type: none"> • Reservation for Women
	27.05.24-31.05.24	<ul style="list-style-type: none"> • Child marriage Act
June	01.06.24-19.06.24	<ul style="list-style-type: none"> • Revision And Test
	20.06.24 Onwards	Examinations

LESSON PLAN (Session 2023-24)

Semester-Even

Class : B.A B.Ed 7th sem

Paper code: ECO 401

Name of the faculty: Ms. Gulnar

Name of the paper: Introductory Micro Economics

Month	Week	Topics to be covered
October	10.10.23 -14.10.23	Unit-1 <ul style="list-style-type: none">• Meaning & Definition of Economics.• Subject matter scope and Significant of Economics.
	16.10.23 - 21.10.23	<ul style="list-style-type: none">• Question of what , how and for whom to produce and how to distribute outputs.• Positive and normative Economics. Economic laws.
	23.10.23 - 28.10.23	Unit-2 <ul style="list-style-type: none">• Consumer Behaviour&concept and need for studying consumer behavior.• Process and Ethics in consumer research.
	30.10.23 - 04.11.23	<ul style="list-style-type: none">• Modal and consumer behavoiur.• Applications of consumer behavior in marketing Decisions• Cardinal approach and its criticisms
November	06.11.23 - 9.11.23	Unit-3 <ul style="list-style-type: none">• Law of Diminishing Marginal Utility• Law of Equi-Marginal Utility• Law of Demand, Exception to Law of Demand Diwali Vacations
	10.11.23-13.11.23	
	17.11.23 - 18.11.23	
	20.11.23 - 25.11.23	
	27.11.23 - 02.12.23	
		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;

Month	Week	Topics to be covered
January	13.01.24 - 20.01.24	Unit-1 <ul style="list-style-type: none"> • Meaning of Macro Economics • Need and characteristics of Macro Economics
	22.01.24 - 27.01.24	<ul style="list-style-type: none"> • Scope of Macro Economics • Importance and Limitations of Macroeconomics
	29.01.24 - 03.01.24	Unit-2 <ul style="list-style-type: none"> • Circular flow of Income And Expenditure • Concept of National Income
February	05.02.24 - 10.02.24	<ul style="list-style-type: none"> • Method of measurement of National Income measuring National Income
	12.02.24 -17.02.24	Unit-3 <ul style="list-style-type: none"> • Quantity theory of money ; • Determination of money and supply and demand
	19.02.24 - 24.02.24	<ul style="list-style-type: none"> • Credit creation • Tools of monetary policy
	26.02.24 - 02.03.24	<ul style="list-style-type: none"> • Unit-4 • Meaning and Definition of Inflation. • Types of Inflation
March	04.03.24 - 09.03.24	<ul style="list-style-type: none"> • Cause of Inflation • Measures of Control in Inflation
	11.03.24-16.03,24	<ul style="list-style-type: none"> • Revision test of Need and characteristics of Macro economics
	23.3.24-25.3.24 26.3.24-.30.3.24	HOLI VACATION <ul style="list-style-type: none"> • Revision Test of Quantity theory of money
April	01.04.24 - 06.04.24	<ul style="list-style-type: none"> • RevisionTest of Concept of National Income
	08.04.24 - 13.04.24	<ul style="list-style-type: none"> • Revision Test of Method and measurement of National Income

	15.04.24 - 20.04.24	<ul style="list-style-type: none"> • Revision Test of Quantity theory of money
	22.04.24 - 27.04.24	<ul style="list-style-type: none"> • Revision Test of Determination of money and supply and demand
	29.04.24 - 04.05.24	<ul style="list-style-type: none"> • Revision Test of Credit creation
May	06.05.24 - 11.05.24	<ul style="list-style-type: none"> • Revision Test of Measures of Control in Inflation
	13.05.24 - 18.05.24	<ul style="list-style-type: none"> • Revision Test Tools of monetary policy
	20.05.24 - 25.05.24	<ul style="list-style-type: none"> • Revision Test of Types of Inflation
	27.05.24 - 01.06.24	<ul style="list-style-type: none"> • Revision Test of Measures of Control in Inflation
June	03.06.24 - 15.06.24	<ul style="list-style-type: none"> • Revision and Test of Method and measurement of National Income

LESSON PLAN(Session 23-24)

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

Paper Code: ENG 401

Name of the Faculty: Deepa Rani

Name of the Paper: American Literature

Month	Week	Topics to be covered
October	04.10.23-09.10.23	Unit 1: <ul style="list-style-type: none">• Saki(H.H.) Munro: The Open Window
	11.10.23-16.10.23	<ul style="list-style-type: none">• Bernard Malamud: The Jewbird
	18.10.23-25.10.23	<ul style="list-style-type: none">• Nathaniel Hawthorne: Young Goodman Brown
	25.10.23-30.10.23	<ul style="list-style-type: none">• William Faulkner: A Rose For Emily (Critical Analysis)
November	02.11.23-09.11.23	<ul style="list-style-type: none">• Ralph Waldo Emerson: Self Reliance (Critical Analysis)
	10.11.23-13.11.23	Diwali Vacations
	12.11.23-18.11.23	Unit 2: <ul style="list-style-type: none">• H.W. Longfellow: Snow Flakes (Critical Analysis)
	19.11.23-24.11.23	<ul style="list-style-type: none">• Robert Frost: Mending Wall(Critical Analysis)
	24.11.23-30.11.23	<ul style="list-style-type: none">• Edgar Allen Poe: The Raven(Critical Analysis), Revision and Test
December	01.12.23-06.12.23	<ul style="list-style-type: none">• Walt Whitman: A Noiseless Patient Spider (Critical Analysis),
	07.12.23-11.12.23	<ul style="list-style-type: none">• Emily Dickinson: Because I Could Not Stop For Death (Critical Analysis), Revision and Test
	13.12.23-19.12.23	Unit 3: <ul style="list-style-type: none">• Ernest Hemingway: The Old Man and Sea(Critical Analysis),Revision and Test
	20.12.23-23.12.23	Unit 4: <ul style="list-style-type: none">• Arthur Miller: Death of a Salesman, Revision and Test

LESSON PLAN(Session 23-24)

Class: B.A.B.Ed.Sem-8th

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 toShakespeare
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 LyricalBallads
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 Studyof Poetry
	18.03.24-22.03.24	Unit 3: <ul style="list-style-type: none"> T.S. Eliot : “Tradition and Individual Talent”
	23.03.24-25.03.24	Holi Vacations
	26.03.24-30.03.24	<ul style="list-style-type: none"> Hamlet and Hisproblems
April	01.04.24-06.04.24	<ul style="list-style-type: none"> Raymond Williams: ‘Forms’ inCulture’
	08.04.24-13.04.24	<ul style="list-style-type: none"> Raymond Williams: ‘Forms’ inCulture’
	15.04.24-20.04.24	Unit 4: <ul style="list-style-type: none"> Jacques Derrida: Structure, Sign andPlay
	22.04.24-27.04.24	<ul style="list-style-type: none"> Jacques Derrida: Structure, Sign andPlay
	29.04.24-04.05.24	<ul style="list-style-type: none"> Stanley Fish: Is there a text in thisclass?
May	06.05.24-11.05.24	<ul style="list-style-type: none"> Stanley Fish: Is there a text in thisclass?
	13.05.24-18.05.24	<ul style="list-style-type: none"> Edward Said: Orientalism (Chapter1)
	20.05.24-25.05.24	<ul style="list-style-type: none"> Edward Said: Orientalism (Chapter1)
	27.05.24-01.06.24	<ul style="list-style-type: none"> Elaine Showalter: Towards a FeministPoetics

June	03.06.24-15.06.24	<ul style="list-style-type: none">• Revision and Test.
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LESSON PLAN (Session 2023-2024)

**Class :B.A B.Ed 7th Semester
Devi**

Name of the faculty :Suman

**Paper code : GEO-401
geography**

Nomenclature of the paper :Population and settlement

Month	Week	Topics to be covered
October	02.10.23-07-10.23	Sources of Population data with special reference to India (Census, vital statistics and NSS)
	09.10.23-14.10.23	Population size
	16.10.23-21.10.23	Distribution and growth
	23.10.23-28.10.23	Theories of growth (Malthusian theory and demographic transition theory)
	30.10.23-31.10.23	Fertility , mortality and migration
November	02.11.23-04.11.23	Age sex composition
	06.11.23-10.11.23	Rural and urban composition, literacy
	10.11.23-13.11.23	Dipawali Vacations
	17.11.23-18.11.23	Basic concepts: rural and urban settlements
	20.11.23-25.11.23	Rural Urban fringe
	27.11.23-30.11.23	Rural Settlements : Types and pattern
December	01.12.23-02.12.23	Urban Settlements classification and typologies
	04.12.23-09.12.23	Central place theory
	11.12.23-16.12.23	Rank size rule and primate city
	18.12.23-23.12.23	Revision
	26.12.23-30.12.23	Revision
January	01.01.24 onwards	Examinations

LESSON PLAN (Session 2023-2024)

Class : B.A B.Ed 8th Semester

Name of the faculty : Ms.Suman Devi

**Paper code :GEO -402
thought**

Nomenclature of the paper : Geographical

Months	Week	Topics to be covered
January	01.01.24-06.01.24	Philosophical basis of geography
	08.01.24-13.01.24	Place of geography in classification of knowledge
	15.01.24-20.01.24	Development of Geographical Thought during ancient and medieval period
	22.01.24-27.01.24	Contribution of Greeks , Romans, Indians and Arabs
	29.01.24-03.02.24	Geographical Ideas of Bernhardus Varenius, Immanuel Kant, Alexandervon Humbolt
February	05.02.24-10.02.24	Carl Ritter and Friedrich Ratzel
	12.02.24-17.02.24	Nature of Dualism and unity in geography
	19.02.24-24.02.24	German French, British and American schools of Geography
	26.02.24-02.03.24	Development of Geography after 2 nd world war
March	04.03.24-09.03.24	Quantitative revolution, Behavioral Geography, Welfare and radical geography
	11.03.24-16.03.24	Development of Geography in India during British period
	18.03.24-22.03.24	Development of Geography after Independence
	23.03.24-25.03.24	Holi Vaccation
April	01.04.24-06.04.24	Role of geographical societies
	08.04.24-13.04.24	Government Institutions (census and NATMO)
	15.04.24-20.04.24	Contribution of modern Indian Geography
	22.04.24-27.04.24	Revision
	29.04.24-30.04.24	Revision
May	01.05.24 onwards	Examinations

LESSON PLAN(Session 2023-24)**Semester:Odd****Class :B.A.B.Ed. 7th Semester****Paper code : 401****Faculty Name :Dr. Neelam Panwar****Paper Name: Asmitamulak Vimarsh Aur Hindi Sahitya**

Month	Week	Topics to be covered
October	02.10.23-07-10.23	Unit 1: Vimarsho ki sadantki.
	09.10.23-14.10.23	<ul style="list-style-type: none">• Ishtri Vimarsh.
	16.10.23-21.10.23	<ul style="list-style-type: none">• Ishtri Vimarsh Ki Avdharna.
	23.10.23-28.10.23	<ul style="list-style-type: none">• Ishtri Vimarsh ka Mukti Aandolan.
	30.10.23-31.10.23	<ul style="list-style-type: none">• Swadhinta se Purv Evam Swadhinta Ke baad Ishtri.
November	02.11.23-04.11.23	<ul style="list-style-type: none">• Dalit Vimarsh.
	06.11.23-10.11.23	<ul style="list-style-type: none">• Unit 2: Dalit Vimarsh Ki Parmukh Vidhaye.
	10.11.23-13.11.23	<ul style="list-style-type: none">• Dipawali Vacations
	17.11.23-18.11.23	<ul style="list-style-type: none">• Aatamkatha-Juthan : Omparkash Balmiki (Partham Bhag).
	20.11.23-25.11.23	Unit 3 Natak - Tadap Mukti Ki : Mata Parsad.
	27.11.23-30.11.23	<ul style="list-style-type: none">• Kahani - Charchit Dalit Mahila Kathakaro ki Kahaniya.
December	01.12.23-02.12.23	<ul style="list-style-type: none">• Dr. Kusum Viyogi.
	04.12.23-09.12.23	<ul style="list-style-type: none">• Ishtri Vimarsh Mei Hindi sahitya Ki Patrikao Ka Yogdan.
	11.12.23-16.12.23	Unit 4: <ul style="list-style-type: none">• Dalit Vimarsh Mei Hindi sahitya Ki Patrikao Ka Yogdan.
	18.12.23-23.12.23	<ul style="list-style-type: none">• Ishtri Aur Dalit Vimarsh Dasha.
	26.12.23-30.12.23	<ul style="list-style-type: none">• Ishtri Aur Dalit Vimarsh Disha.
January	01.01.24 onwards	<ul style="list-style-type: none">• Examinations

LESSON PLAN (Session 2023-2024)

Semester –7th

**Class : B.A B.Ed 7th Semester
Panwar**

Name of the faculty : Dr. Neelam

**Paper code : Hindi-401
Sahitya**

Nomenclature of the paper : Asmitamulak Vimarsh Aur Hindi

Month	Week	Topics to be covered
October	02.10.23-07-10.23	Vimarsho ki sadantki.
	09.10.23-14.10.23	Ishtri Vimarsh.
	16.10.23-21.10.23	Ishtri Vimarsh Ki Avdharna.
	23.10.23-28.10.23	Ishtri Vimarsh ka Mukti Aandolan.
	30.10.23-31.10.23	Swadhinta se Purv Evam Swadhinta Ke baad Ishtri.
November	02.11.23-04.11.23	Dalit Vimarsh.
	06.11.23-10.11.23	Dalit Vimarsh Ki Parmukh Vidhaye.
	10.11.23-13.11.23	Dipawali Vacations
	17.11.23-18.11.23	Aatamkatha-Juthan : Omparkash Balmiki (Partham Bhag).
	20.11.23-25.11.23	Natak - Tadap Mukti Ki : Mata Parsad.
December	27.11.23-30.11.23	Kahani - Charchit Dalit Mahila Kathakaro ki Kahaniya.
	01.12.23-02.12.23	Dr. Kusum Viyogi.
	04.12.23-09.12.23	Ishtri Vimarsh Mei Hindi sahitya Ki Patrikao Ka Yogdan.
	11.12.23-16.12.23	Dalit Vimarsh Mei Hindi sahitya Ki Patrikao Ka Yogdan.
	18.12.23-23.12.23	Ishtri Aur Dalit Vimarsh Dasha.
January	26.12.23-30.12.23	Ishtri Aur Dalit Vimarsh Disha.
	01.01.24 onwards	Examinations

LESSON PLAN(Session 2023-24)

Semester:Odd

Class :B.A.B.Ed. 8th Semester

Paper code : 402

Faculty Name :Dr. Neelam Panwar

Paper Name: Sahitya Shiksha Evam Samaj

Month	Week	Topics to be covered
January	01.01.24-06.01.24	Unit 1: Bhasa Samaj Evam Sahitya
	08.01.24-13.01.24	• Bhasa Evam Sanskriti
	15.01.24-20.01.24	• Bhasa Evam Pahchan
	22.01.24-27.01.24	• Bhasa Evam Ling
	29.01.24-03.02.24	• Bhasa Evam Satta
February	05.02.24-10.02.24	Unit 2: Shiksha Ke Liye Bhasa
	12.02.24-17.02.24	• Shiksha Mei Bhasa Ki Bhumika
	19.02.24-24.02.24	• Bhasa Evam Shiksha Mei Sambandh
	26.02.24-02.03.24	• Shiksha Par Bhasa Ka Parbhav
March	04.03.24-09.03.24	Unit 3: Shiksha Ka Maadhyam BahuBhasikta
	11.03.24-16.03.24	• Shiksha Ek Sansadhan Ke Roop Mei
	18.03.24-22.03.24	• Shiksha Ke Liye Sahitya
	23.03.24-25.03.24	• Holi Vaccation
April	01.04.24-06.04.24	• Shiksha Mei Sahitya Ki Bhumika • Sahitya Aur Shiksha Mei Sambandh
	08.04.24-13.04.24	• Shiksha Par Sahitya Ka Parbhav
	15.04.24-20.04.24	Unit 4: Shiksha Ke Liye Pathyakarm
	22.04.24-27.04.24	• Shiksha Mei Pathyakarm, Pathyacharya Aur Pathya Pustko Ki Bhumika
	29.04.24-30.04.24	• Bhasa Ke Pathyakarm Ki Avdharna
May	01.05.24 onwards	Examinations

LESSON PLAN (Session 23-24)

Semester -Odd

Class : B.A B.Ed 7th sem

Name of the faculty: Dr. Suman Rani Khaket

Paper code: HIS 301

Name of the paper: HISTORY

Month	Week	Topics to be covered
October	10.10.23 -14.10.23	Legacy of freedom struggle, socio cultural values of non-violence. Problems and process of the integration of Indian states Problems of displaced persons and rehabilitation process. Framing of Indian constitution main Features and Amendments
	16.10.23- 21.10.23	Agrarian reforms and Bhudan movement, Green revolution.
	23.10.23 - 28.10.23	Five-year plans and beginning of planned economy
	30.10.23 - 04.11.23	Industrialisation: Problems and prospects Nationalisation of Banks and Abolition of Privy Purse
November	06.11.23 - 9.11.23 10.11.23-13.11.23 14.11.23 - 18.11.23 20.11.23 - 25.11.23	Main characteristics of Indian Foreign policy Diwali vacations Revision and test. Principle of Panchsheel, Policy of Non-alignment and role of India
	27.11.23 - 02.12.23	Indo china war, Indo Pakistan wars, Kashmir problem, Shimla Agreement 1971-72
December	04.12.23 - 09.12.23	India's relations with neighbouring countries
	11.12.23 - 16.12.23	Indian women after Independence and Political participation and contribution of women in various spheres
	18.12.23 - 23.12.23	Upliftment of depressed classes, problems and challenges before Indian society. Achievements in the field of science technology with special India emerging as a world power. Revision and tests

LESSON PLAN (Session 23-24)

Semester –Odd

Name of the faculty: Dr. Suman Rani Khaket

Paper code: HIS 402

Class: B.A B.Ed 8th sem

Name of the Paper: HISTORY

Month	Week	Topics to be covered
January	13.01.24 - 20.01.24	Military System in Vedic, Pauranic & Epic Period.
	22.01.24 - 27.01.24	The battle of Hydaspes (326 B.C) and comparative study of Indo-Greek Military organization
	29.01.24 - 03.01.24	Kautilya's Philosophy, war & military and organization of Mauryas.
February	05.02.24 - 10.02.24	Military organization and war techniques of Rajputs and Turks with special reference to the Battle of Tarain (1192AD)
	12.02.24 - 17.02.24	Warfare of the Sultanate Period and Military reforms of Alauddin Khalji.
	19.02.24 - 24.02.24	Strategies of Babar with in the First Battle of Panipat (1526 A.D)
	26.02.24 - 02.03.24	Guerilla Techniques and Naval warfare of Marathas and their military organization under Shivaji.
March	04.03.24 - 09.03.24	Martha Warfare in the third battle of Panipat (1761AD)
	11.03.24-16.03,24	Amalgamation of Presidency Armies.
	18.03.24-23.03.24 25.03.24-30.03.24	Lords Kitcher's Reforms Post Second World War Reorganization
April	01.04.24 - 06.04.24	Growth of Indian Navy & Indian Air Force
	08.04.24 - 13.04.24	The INA & Netaji Subhash Chandra Bose Higher Def. Organization
	15.04.24 - 20.04.24	Organization of Army
	22.04.24 - 27.04.24	Organisation of Navy
	29.04.24 - 04.04.24	Organization of Indian air force
May	06.05.24 - 11.05.24	Paramilitary Organization BSF, ASSAM Rifles
	13.05.24 - 18.05.24	TTBP, CRPF

	20.05.24 - 25.05.24 27.05.24 - 01.06.24	Coast Guard, NCC & CISF
June	03.06.24 - 15.06.24	Revision and Test.

LESSON PLAN (Session2023-24)**Semester--EVEN****Class; B.A/B.SC.B.Ed 8TH SEM****Name of the faculty: Dr.Gurmeet Kaur****Paper Code: EPCPE 402
Education****Name of the paper: Peace Oriented Value**

Month	Week	Topic
January	13.01.24-20.01.24	Aims, objectives and importance of PeaceEducation.
	22.01.24-27.01.24	Barriers- Psychological, Cultural,Political Factors responsible for disturbing Peace: Unemployment, terrorism, Exploitation, Suppression of individuality,complexes.
	29.01.24-03.02.24	Characteristics of good textbook, evaluation of textbook, analysis of text book frompeace Education perspective.
February	05.02.24-10.02.24	Meaning, concept need and importance of values andethics. Personal and Socialvalues
	12.02.24-17.02.24	Intrinsic and extrinsic values on the basis of personal interest and socialgood. Social, moral, spiritual and democratic values on the basis of expectation of society and one's selfinspiration.
	19.02.24-24.02.24	Identification of Analysis of emerging issues involving valueconflicts Design and development of instructional material for nurturingvalues.
	26.02.24-02.03.24	Bhagwad gita-Nishkam Karma, Swadharma, Laksagrah andStithpragya.
March	04.03.24-09.03.24	Bible – Concept of truth, compassion,forgiveness
	18.03.24-22.03.24	Dhamnipada- Astangmarg, Aryastyaand Madhyamarg Gurugranth Sahib- Concept of Kirath, Sungat, Pangat &Jivanmukti

	23.03.24-25.03.24	Holi Vacations
	25.03.24-30.03.24	Quran–Concept of spiritual and moral values (adah, raham & theory of justice) & social responsibilities.
April	01.04.24-06.04.24	Bhagwad gita-Nishkam Karma, Swadharma, Laksagrah and Stithpragya.
	08.04.24-13.04.24	Bible – Concept of truth, compassion, forgiveness
	15.04.24-20.04.24	Dhamnipada- Astangmarg, Aryastya and Madhyamarg
	22.04.24-27.04.24	Gurugranth Sahib- Concept of Kirath, Sungat, Pangat & Jivanmukti
	29.04.24-04.05.24	Quran–Concept of spiritual and moral values (adah, raham & theory of justice) & social responsibilities.
May	06.05.24-01.06.24	Revision and Test
June	03.06.24-15.06.24	Revision and Test

LESSON PLAN(Session2023-24)

Semester--EVEN

Class: B.A/B.SC.B.Ed 8th SEM

Paper Code: PEVE 402

Name of the faculty: Dr. Rekha Sharma
Issues And Concerns

Subject: Vision Of Education In India-

Month	Week	Topic
January	13.01.24-20.01.24	<ul style="list-style-type: none">• Vision of Indian Education and Indian Thinkers
	22.01.24-27.01.24	<ul style="list-style-type: none">• Aims and purposes of education drawn from the ancient intellectual tradition of India•
	29.01.24-03.02.24	<ul style="list-style-type: none">• Communities, Religion, State and Market as the determinants of purpose and process of Education
February	05.02.24-10.02.24	<ul style="list-style-type: none">• An overview of salient features of the philosophy and practice of education by• Swami Vivekanand: Humanistic Approach
	12.02.24-17.02.24	Rabindranath Tagore: Liberationist pedagogy M. K. Gandhi: Basic education or Education for self sufficiency
	19.02.24-24.02.24	Aurobindo Ghosh: Integral Education J. Krishnamurthi: Education for individual and social transformation
	26.02.24-02.03.24	<ul style="list-style-type: none">• Emerging trends in the interface between:• political process and education
March	04.03.24-09.03.24	<ul style="list-style-type: none">• Constitutional interventions for universalization of education and RTE Act 2009
	18.03.24-23.03.23	Constitutional provisions on education that reflect National ideals (Democracy, Equality, Liberty, Secularism and Social justice)
	23.03.24-25.03.23	Holi Vacations
	26.03.24-30.03.24	Equality of Educational Opportunity
April	01.04.24-06.04.24	Meaning of equality of educational opportunity and constitutional provisions

	08.04.24-13.04.24	Prevailing nature and forms of inequality, including dominant and minor groups and related issues
	15.04.24-20.04.24	Inequality in schooling: Public and private schools, rural-urban Schools, single teachers'
	22.04.24-27.04.24	schools and many other forms of inequalities in school systems and the processes leading to disparities
	29.04.24-04.05.24	Issues of Quality and Equity in schooling (with specific reference to girl child, weaker section and differently abled children), Variations in school quality
May	06.05.24-11.05.24	<ul style="list-style-type: none"> • Idea of 'common school' system • political process and education
	13.05.24-18.05.24	<ul style="list-style-type: none"> • Impact of globalization, liberalization and privatization on Indian society and education • Rights and Scheme for education of Girl Child • Education for National Integration and International Understanding
	20.05.24-25.05.24	<ul style="list-style-type: none"> • Citizenship education, Education for Sustainable Development of society • ICT In School Education- National Repository of Open Educational Resources (NROER) • Emerging trends in the interface between: • political process and education
	27.05.24-01.06.24	<ul style="list-style-type: none"> ▪ economic developments and education ▪ Socio- cultural changes and education ▪ Skill development with reference to vocational education <p>Educational development through community participation (Govt. and Non- Govt. Agencies)</p>
June	03.06.24-15.06.24	Revision and Test

Lesson plan

Session (2023-2024)

Name of the Faculty: Mrs. Mitu Nagpal
Equations

Class : B.Sc. B.Ed. Sem. VII

paper name: Number Theory and

Paper Code: MTH 401

Month	Week	Topics To Be Covered
October	10.10.23-14.10.23	Unit 1: <ul style="list-style-type: none">• Division Algorithm, Prime And Composite Numbers
	16.10.23-21.10.23	<ul style="list-style-type: none">• Proving The Existence And Uniqueness of GCD And the Euclidean Algorithm
	23.10.23-28.10.23	<ul style="list-style-type: none">• Fundamental Theorem of Arithmetic
	30.10.23-04.10.23	<ul style="list-style-type: none">• The Least Common Multiple, Congruences, Linear Congruences
November	06.11.23-09.11.23	Unit 2: <ul style="list-style-type: none">• Sigma Function, Tau Function, Phi Function
	10.11.23-13.11.23	Diwali Vacations
	17.11.23-19.11.23	<ul style="list-style-type: none">• Wilson's Theorem, Simultaneous Congruences, Theorem of Euler- Fermat And Lagrange
	20.11.23-26.11.23	Unit 3: <ul style="list-style-type: none">• Continued Fractions, Relation Between Roots And Coefficients
	27.11.23-26.11.23	<ul style="list-style-type: none">• Symmetric Functions, Transformations
December	04.12.23-09.12.23	<ul style="list-style-type: none">• Reciprocal Equations, Descarte's Rule of Signs
	11.12.23-16.12.23	Unit 4: <ul style="list-style-type: none">• Solving Cubic Equation by Cardon's Method
	18.12.23-26.12.23	<ul style="list-style-type: none">• Solving Quartic Equations By Descarte's Method And Ferrari's Method
	27.12.23 Onwards	Examinations

Lesson Plan (Session 2023-2024)
Semester - Even

Name of the Faculty: Mrs. Mitu Nagpal Nomenclature of the Paper: Numerical Analysis
Class: B.Sc. B.Ed. Sem. 8 Paper Code: MTH 402

Month	Week	Topics to be Covered
January	13.01.24-20.01.24	Unit:1 Error - Its Sources, Propagation And Analysis
	22.01.24-27.01.24	<ul style="list-style-type: none"> Root Finding for Nonlinear Equations (Transcendental And Algebraic Equations)
	29.01.24-03.02.24	<ul style="list-style-type: none"> Bisection Method, Regula-Falsi Method
February	05.02.24-10.02.24	<ul style="list-style-type: none"> Newton Raphson's Method Order of Convergence, Iterative Method
	12.02.24-17.02.24	<ul style="list-style-type: none"> Revision of Unit
	19.02.24-24.02.24	Unit 2: Numerical Solution of System of Linear Equations
	26.02.24-02.03.24	<ul style="list-style-type: none"> Direct Methods- Gauss Elimination Method, Gauss-Jordan Method
March	04.03.24-09.03.24	<ul style="list-style-type: none"> The Matrix Inversion Method, Iterative Methods
	18.03.24-22.03.24	<ul style="list-style-type: none"> Gauss-Jacobi Method, Gauss Siedel Method
	23.03.24-25.03.24	<ul style="list-style-type: none"> Holi Vacations
	25.03.24-30.03.24	<ul style="list-style-type: none"> Revision of Unit
April	01.04.24-06.04.24	Unit 3: Differences: Forward, Backward, Central
	08.04.24-13.04.24	<ul style="list-style-type: none"> Relation Between Difference And Derivatives, Differences of Polynomials, Newton's Formula for Forward And Backward Interpolation
	15.04.24-20.04.24	<ul style="list-style-type: none"> Divided Differences And Simple Differences, Newton's General Interpolation Formula
	22.04.24-27.04.24	<ul style="list-style-type: none"> Lagrange's Interpolation Formula, Error in Interpolation
	29.04.24-04.05.24	<ul style="list-style-type: none"> Revision of Unit
May	06.05.24-11.05.24	Unit 4: <ul style="list-style-type: none"> Numerical Differentiation And Numerical Integration- Newton's Cotes Quadrature Formula
	13.05.24-18.05.24	<ul style="list-style-type: none"> Gauss Quadrature Formula
	20.05.24-25.05.24	<ul style="list-style-type: none"> Trapezoidal, Simpson's& Weddle's Rules
	27.05.24-31.05.24	<ul style="list-style-type: none"> Numerical Solution of First And Second Order Differential Equations, Taylor's Series Approximation

June	01.06.24-07.06.24	<ul style="list-style-type: none"> Euler's Method, Picard's Method, Runge-Kutta Method
	09.06.24-19.06.24	<ul style="list-style-type: none"> Revision And Test
	20.06.24 Onwards	Examinations

LESSON PLAN

SESSION: 2023-2024

CLASS: B.Sc B.Ed VII SEM

SUBJECT: BOTANY- PLANT ANATOMY AND ECOLOGY

TEACHER IN CHARGE: Ms. SHASHI

MONTH	WEEK	TOPICS
OCTOBER	10 Oct. to 14 Oct.	Unit 1: Tissue and Tissue system : Root and Shoot Organisation- Type of tissue and tissue system, basic body plan of a flowering plant
	16 Oct. to 21 Oct.	The Root system- The root apical meristem and its organisation, differentiation of primary and secondary tissues and their roles, structural modifications for storage, respiration, reproduction and for interaction with microbes
	23 Oct. to 28 Oct.	The Shoot system- The shoot apical meristem and its histological organisation, vascularisation of primary shoot in monocotyledons and dicotyledons, formation of internodes, branching pattern
	30 Oct. to 31 Oct.	Monopodial and Sympodial growth, canopy architecture and Revision
NOVEMBER	1 Nov. to 04 Nov.	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, characterisation of growth rings , sapwood and heartwood
	06 Nov. to 09 Nov.	Secondary phloem- structure, function relationship, periderm. Leaf origin, development.
	10 Nov. to 13 Nov.	Diwali Vacation
	14 Nov. to 18 Nov.	Arrangement and diversity in size and shape, internal structure in relation to photosynthesis and water loss, adaptation to water stress, stomatal types and trichomes, senescence and abscission.
	20 Nov. to 25 Nov.	Unit III- Ecology and Environment: Ecological Factors: Brief account of edaphic , climate, physiological and biotic factors and ecological importance, Ecosystem: structure, abiotic and biotic components, bio-energetic approach
	27 Nov. to 30 Nov.	Food chain, Food web, ecological pyramids, biogeochemical cycles of carbon ,nitrogen and phosphorus, Community ecology: Community characteristics, frequency, density, cover, life forms
DECEMBER	1 Dec. to 2 Dec.	Plant succession: General features, events in succession, brief account of xerarch succession
	4 Dec. to 9Dec.	Unit IV- Ecological Adaptations: Morphological, anatomical

		and physiological adaptations of plants to environment- hydrophytes, halophytes, xerophytes
	11 Dec. to 16 Dec.	Biodiversity: General account, types and characteristics, biodiversity conservation efforts
	18 Dec. to 23 Dec.	WCU, Red data book, brief account of IPR and patent laws Revision

LESSON PLAN

SESSION: 2023-2024

CLASS: B.Sc B.Ed VIII SEM

SUBJECT: BOTANY 402- MOLECULAR BIOLOGY, BIOCHEMISTRY AND BIOTECHNOLOGY

TEACHER IN CHARGE: Ms. SHASHI

MONTH	WEEK	TOPICS
JANUARY	13 Jan. to 20 Jan.	Unit – Genetics: Discovery, Brief history of DNA and RNA - DNA: Types, molecular structure, characteristics, structural properties and functions
	22 Jan. to 27 Jan.	Satellite and repetitive DNA, mitochondrial and plastid DNA, plasmid, DNA damage and repair, replication of DNA in prokaryotes
	29 Jan. to 31 Jan.	Replication of DNA in prokaryotes
FEBRUARY	1 Feb. to 3 Feb.	RNA: Types, molecular structure, characteristics, structural properties and functions, role of RNA in protein Synthesis
	5 Feb. to 10. Feb.	Gene expression: Structure of gene, transfer of genetic information, genetic code, Gene regulation in prokaryotes, operon concept- lac operon
	12 Feb. to 17 Feb.	Tryptophan operon Revision Unit II- Nitrogen and protein metabolism: Nitrogen metabolism: forms of nitrogen
	19 Feb. to 24 Feb.	Cellular conversion of nitrates to ammonium ions, assimilation of ammonium ions, physiology and biochemistry of biological nitrogen fixation
	26 Feb. 29 Feb.	Amino acids- nature , classification, structure, synthesis of amino acids - reductive amination and transamination
MARCH	1 Mar. to 2 Mar.	Proteins: Classification
	4 Mar. to 9 Mar.	Structure- primary, secondary, tertiary and quaternary, Protein synthesis, transcription
	11 Mar. to 16 Mar.	Translation, Regulation of gene expression in prokaryotes and eukaryotes
	18 Mar. to 22 Mar.	Enzymes: nomenclature, types and mechanism of action
	23 Mar. to 25 Mar.	Holi Vacations
	26 Mar. to 30 Mar.	Oral or written test Revision Unit III- Complex molecules: Carbohydrates and Lipids Carbohydrates: introduction, classification, chemical structure of mono, oligo and polysaccharides

APRIL	1 Apr. to 6 Apr.	Synthesis and breakdown of sucrose and starch Lipid : introduction, classification, chemical structure
	8 Apr. to 13 Apr.	Saturated and unsaturated fatty acids, synthesis and breakdown of fatty acids fatty acids, β -oxidation
	15 Apr. to 20 Apr.	Unit IV- Biotechnology and Bioinformatics: Tools and techniques of DNA recombinant biotechnology, cloning vectors
	22 Apr. to 27 Apr.	Brief account of genomics, proteomics and c-DNA library, interferons, transposable elements, PCR
	29 Apr. to 30 Apr.	Applications of Biotechnology- function, definition and applications
MAY	1 May to 4 May	Brief account of DNA finger printing, <i>Agrobacterium</i> - mediated gene transfer, achievements in crop improvements
	6 May to 11 May	Transgenic plants, Brief account of recent advances in Plant bio-technology, products of biotechnology
	13 May to 18 May	Revision
	20 May to 25 May	Revision
	27 May to 31 May	Revision
JUNE	3 June to 8 June	Revision
	10 June to 15 June	Revision

LESSON PLAN (Session 23-24)

Semester –Odd

Class : B.Sc.B.Ed sem-7th

Name of the faculty: Ms.Pinki

Paper code: CHM 402

Nomenclature of the paper: Advance chemistry-I

Month	Week	Topics to be covered
October	10.10.23-14.10.23	Spectroscopy: Introduction: electromagnetic radiation, regions of the spectrum, basic features of different spectrometers, statement of the Born-Oppenheimer approximation, degrees of freedom. Rotational spectrum: Diatomic molecules
	16.10.23-21.10.23	Energy levels of a rigid rotor(semiclassical principles), selection rules, spectral intensity, distribution using population distribution (Maxwell -Boltzmann distribution) Doubt session Test
November	23.10.23-28.10.23	Determination of bond length, qualitative description of non-rigid rotator, isotopic effect. Vibrational Spectrum: Infrared spectrum: energy level of simple harmonic oscillator, selection rules, Intensity.
	30.10.23-04.11.23	Determination of force constant and qualitative relation of force constant and bond energies, effect of anharmonic motion and isotope on the spectrum, idea of vibrational frequencies of different functional groups Doubt session Test
	6.11.23-9.11.23	Raman spectrum: Concept of polarisability, pure rotational and pure vibrational Raman spectra of diatomic molecules, Selection rule
	10.11.23-13.11.23	Diwali vacations.

	14.11.23-18.11.23	<p>,- and n M.O.,their energy levels and the respective transitions</p> <p>Doubt session</p> <p>Test</p> <p>Separation technique</p> <p>Solvent Extraction: distribution Coefficient. solvent extraction of metals,Multiple batch extraction,counter current extraction.</p>
	20.11.23-25.11.23	<p>Separation technique:</p> <p>Solvent Extraction: distribution Coefficient. solvent extraction of metals,Multiple batch extraction,</p> <p>Counter current extraction.</p>
December	27.11.23-02.12.23	<p>Chromatographic techniques:</p> <p>classification, theory of chromatographic separation, distribution coefficient, Retention,sorption, efficiency and resolution - column,ion exchange chromatography.Paper, TLC and HPTLC techniques and application</p>
	04.12.23-09.12.23	<p>Electronic Spectrum: Concept of potential energy curves for bonding and antibonding molecular orbitals. Qualitative description of selection rules and Frank Condon Principle</p>
	11.12.23-16.12.23	<p>Qualitative description of π, π^*- and n M.O.,their energy levels and respective transition.</p> <p>Doubt session</p> <p>Test</p> <p>Photochemistry</p> <p>Interaction of radiation with matter, difference between thermal and photochemical processes. Laws of photochemistry:Grothus-Draper law, Stark-Einstein law</p>

	18.12.23-23.12.23	<p>Jablonski diagram depicting various processes occurring in the excited state, qualitative description of fluorescence, phosphorescence, non-radiative processes (internal conversion) intersystem crossing, Quantum yield, photosensitized reaction, energy transfer process(simple example only)</p> <p>Doubt session</p> <p>Revision test</p>
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EVEN SEMESTER

Class: B.Sc.B.Ed. Sem.-8th

Name of faculty: Ms.Pinki

Paper code: CHM 402

Nomenclature of paper: Advance chemistry –II

Month	Week	Topics to be covered
January	13.01.24-20.01.24	<p>Electromagnetic Spectrum: Absorption Spectra</p> <p>Ultraviolet (UV) absorption spectroscopy – absorption laws (Beer-Lambert law), molar absorptivity, types of electronic transitions.</p> <p>Effect of conjugation. Concept of chromophore and auxochrome. Bathochromic, hypsochromic, hyperchromic and hypochromic shifts. UV spectra of conjugated enes and enones.</p>
	22.01.24-27.01.24	<p>Woodward Fieser rules for calculation of absorption maxima in dienes and α, β unsaturated carbonyl compound.</p> <p>Doubt session</p> <p>Unit test</p>
	29.01.24-03.02.24	<p>Infrared (IR) absorption spectroscopy – molecular vibrations, Hooke's law, selection rules, intensity and position of IR bands, fingerprint region, characteristic absorption of various functional groups and interpretation of IR spectra of simple organic compounds.</p>

February	5.02.24-10.02.24	Nuclear magnetic resonance (NMR) spectroscopy: Proton magnetic resonance (^1H NMR) spectroscopy, nuclear shielding and deshielding, chemical shift and molecular structure, Area of signals and proton counting, splitting of signals, spin-spin coupling and coupling constant.
	12.02.24-17.02.24	Interpretation of NMR spectra of simple organic molecules such as ethyl bromide, ethanol, acetaldehyde, 1, 1, 2-tribromoethane, ethyl acetate, toluene and acetophenone.
	19.02.24-24.02.24	Problems pertaining to the structure elucidation of simple organic compounds using UV, IR and NMR spectroscopy. Chemistry of Biomolecules Classification and nomenclature. Monosaccharide, Configuration of monosaccharides. Mechanism of osazone formation, interconversion of glucose and fructose, chain lengthening and chain shortening of aldoses.
	26.02.24-02.03.24	Erythro and threodiastereomers. Structure of glucose including ring size determination and cyclic structure. Conversion of glucose into mannose. Formation of glycosides, ethers and esters. Mechanism of mutarotation. Structure of ribose and deoxyribose. Introduction to disaccharides (maltose, sucrose and lactose).
	04.03.24-09.03.24	polysaccharides (starch and cellulose) without involving structure. Doubt session Unit test.

	11.03.24-16.03.24	Spectral & Magnetic properties of Transition Metal complexes Electronic spectra of Transition Metal Complexes: Types of electronic transitions, selection rules for d-d transitions, spectroscopic ground states.
March	18.03.24-22.03.24	Spectrochemical series, Orgel-energy level diagram for d^1 to d^9 states, discussion of the electronic spectrum of $[\text{Ti}(\text{H}_2\text{O})_6]^{3+}$ complex ion. Doubt session Unit test.
	23.03.24-25.03.24	Holi vacations
	26.03.24-30.03.24	Magnetic Properties of Transition Metal Complexes: Types of magnetic behaviour, methods of determining magnetic susceptibility, spin-only formula.
April	01.04.24-06.04.24	L-S coupling, correlation of μ_s and μ_{eff} values, orbital contribution to magnetic moments, application of magnetic moment data for 3d metal complexes.
	08.04.24-13.04.24	Application of magnetic moment data for 3d metal complex. Doubt session Unit test
	15.04.24-20.04.24	Bioinorganic chemistry: Metal ions present in biological systems, classification of elements according to their action in biological system. Geochemical effect on the distribution of metals. Sodium/Potassium pump.
	22.04.24-27.04.24	Carbonic anhydrase and carboxypeptidase. Excess and deficiency of some trace metals. Toxicity of metal ions (Hg, Pb, Cd and As), reasons for toxicity.

	29.04.24-04.05.24	Use of chelating agents in medicine, Cisplatin as an anti-cancer drug. Iron and its application in bio-system, Hemoglobin, myoglobin. Storage and transfer of iron.
	06.05.24-11.05.24	Amino Acids, Peptides, Proteins and Nucleic Acids: Classification, structure and stereochemistry of amino acids. Acid-base Behaviour, isoelectric point and electrophoresis. Preparation and reactions of α -amino acids.
May		
	13.05.24-19.05.24.	Structure and nomenclature of peptides and proteins Classification of proteins. Peptide structure determination, end group analysis, selective hydrolysis of peptides and proteins. Primary and secondary structures of protein. Protein denaturation and renaturation.
	20.05.24-25.05.24	Nucleic acids: introduction, Constitution of nucleic acids, Ribonucleoside and ribonucleotides.
	27.05.24-01.06.24	The double helical structure of DNA. Doubt session Unit test
	02.06.24-15.06.24	Revision.

LESSON PLAN(Session2023-24)**Semester--EVEN****Class;B.A/B.SC.B.Ed 8TH SEM****Nameofthefaculty:Dr.Gurmeet Kaur****Paper Code: EPCPE 402
Education****Name of the paper: Peace Oriented Value**

Month	Week	Topic
January	13.01.24-20.01.24	Aims, objectives and importance of PeaceEducation.
	22.01.24-27.01.24	Barriers- Psychological, Cultural,Political Factors responsible for disturbing Peace: Unemployment, terrorism, Exploitation, Suppression of individuality,complexes.
	29.01.24-03.02.24	Characteristics of good textbook, evaluation of textbook, analysis of text book frompeace Education perspective.
February	05.02.24-10.02.24	Meaning, concept need and importance of values andethics. Personal and Socialvalues
	12.02.24-17.02.24	Intrinsic and extrinsic values on the basis of personal interest and socialgood. Social, moral, spiritual and democratic values on the basis of expectation of society and one's selfinspiration.
	19.02.24-24.02.24	Identification of Analysis of emerging issues involving valueconflictsDesign and development of instructional material for nurturingvalues.
	26.02.24-02.03.24	Bhagwad gita-Nishkam Karma, Swadharma, Laksagrah andStithpragya.
March	04.03.24-09.03.24	Bible – Concept of truth, compassion,forgiveness
	18.03.24-22.03.24	Dhamnipada- Astangmarg, Aryastyaand Madhyamarg Gurugranth Sahib- Concept of Kirath, Sungat, Pangat &Jivanmukti
	23.03.24-25.03.24	Holi Vacations

	25.03.24-30.03.24	Quran–Concept of spiritual and moral values (adah, raham & theory of justice) & social responsibilities.
April	01.04.24-06.04.24	Bhagwad gita-Nishkam Karma, Swadharma, Laksagrah and Stithpragya.
	08.04.24-13.04.24	Bible – Concept of truth, compassion, forgiveness
	15.04.24-20.04.24	Dhamnipada- Astangmarg, Aryastya and Madhyamarg
	22.04.24-27.04.24	Gurugranth Sahib- Concept of Kirath, Sungat, Pangat & Jivanmukti
	29.04.24-04.05.24	Quran–Concept of spiritual and moral values (adah, raham & theory of justice) & social responsibilities.
May	06.05.24-01.06.24	Revision and Test
June	03.06.24-15.06.24	Revision and Test

LESSON PLAN (Session 2023-2024)**Semester –7th****Class :B. Sc. B. Ed. 7th Semester
Lal****Name of the faculty: Dr. Darshan****Paper code: PHYSICS (PHY 401)****Nomenclature of the paper:****QUANTUM MECHANICS AND STATISTICAL PHYSICS**

Month	Week	Topics to be covered
October	02.10.23-07-10.23	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.
	09.10.23-14.10.23	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',
	16.10.23-21.10.23	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.
	23.10.23-28.10.23	Consequence of the uncertainty relation: gamma ray microscope, diffraction at a slit, particle in a box, position of electron in a Bohr orbit.
	30.10.23-31.10.23	Revision and test.
November	02.11.23-04.11.23	Quantum Mechanics: Schrodinger's equation, Postulates of quantum mechanics, operators, expectation values, transition probabilities.
	06.11.23-10.11.23	Unit III: Applications of quantum mechanics to particle in one dimensional and three dimensional box, harmonic oscillator,
	10.11.23-13.11.23	Dipawali Vacations
	17.11.23-18.11.23	Reflection at a step potential, transmission across a potential barrier.
	20.11.23-25.11.23	Hydrogen atom: natural occurrence of n, l and m quantum numbers, the related physical quantities, comparison with Bohr's theory, Wave functions, Probabilistic interpretation.
	27.11.23-30.11.23	Revision and test.

December	01.12.23-02.12.23	Unit IV: Statistical Physics The statistical basis of thermodynamics: Probability and thermodynamic probability, principle of equal a-priori probabilities, probability distribution and its narrowing with increase in number of particles,
	04.12.23-09.12.23	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. 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.
	11.12.23-16.12.23	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, 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,
	18.12.23-23.12.23	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, Indistinguishability of particles and its consequences, Bose-Einstein and Fermi-Dirac conditions, applications to liquid helium, free electrons in a metal and photons in blackbody chamber, Fermi level and Fermi energy.
	26.12.23-30.12.23	Revision and test.
January	01.01.24 onwards	Examinations

LESSON PLAN (Session 2023-2024)**Semester –8th****Class :B. Sc. B. Ed. 8th Semester
Lal****Name of the faculty: Dr. Darshan****Paper code: PHYSICS (PHY 402) Nomenclature of the paper: ATOMIC,
MOLECULAR AND NUCLEAR PHYSICS**

Month	Week	Topics to be covered
January	01.01.24-06.01.24	Unit I: Atomic Physics Spectra of hydrogen, Frank-Hertz experiment and discrete energy states, Stern Gerlach experiment.
	08.01.24-13.01.24	Deuteron and alkali atoms, spectral terms, doublet fine structure, screening constants for alkali spectra for s,p,d and f states, selection rules.
	15.01.24-20.01.24	L-S and J-J couplings, Atoms in a magnetic field, Zeeman effect, Zeeman splitting.
	22.01.24-27.01.24	Weak spectra: continuous X-ray spectrum and its dependence on voltage, Duane-Hunt law.
	29.01.24-03.02.24	Characteristics of X-rays, Moseley's law, doublet structure of X-ray spectra, X-ray absorption spectra.
February	05.02.24-10.02.24	Unit II: Molecular Physics Discrete set of electronic energies of molecules, quantisation of vibrational and rotational energies.
	12.02.24-17.02.24	Determination of internuclear distance, pure rotational and rotational-vibrational spectra, Dissociation limit for the ground and other electronic states, transition rules for pure vibrational and electronic vibrational spectra.
	19.02.24-24.02.24	Raman effect, Stokes and anti-Stokes lines, complimentary character of Raman and infrared spectra, experimental arrangements for Raman spectroscopy.
	26.02.24-02.03.24	Spectroscopic techniques: Sources of excitation, prism and grating spectrographs for visible, UV and IR, absorption spectroscopy, double beam instruments, different recording systems.
March	04.03.24-09.03.24	Unit III: Accelerators Ion sources, Cockcroft-Walton high voltage generators, Van deGraaff generators, Drift tube,
	11.03.24-16.03.24	Linear accelerators, Wave guide accelerators, Magnetic focusing in Cyclotron, Synchrocyclotron, Betatron, The electromagnetic induction Accelerator, Electron synchrotron, Proton Synchrotron.
	18.03.24-22.03.24	Detectors: Interaction of charged particles and neutrons with matter, working of nuclear detectors, Geiger-Muller counter, proportional counter and scintillation counter, cloud chambers, spark chamber, emulsions.

	23.03.23-25.03.24	Holi Vaccation
April	01.04.24-06.04.24	Unit IV: Nuclear Fission and Nuclear Fusion Nuclear Fission: Theory of Nuclear Fission, Liquid Drop Model, Shell Model, Barrier Penetration-Theory of Spontaneous Fission, Nuclear Fission as a source of Energy,
	08.04.24-13.04.24	The Nuclear Chain reaction, Condition of controlled Chain Reaction, The Principle of Nuclear Reactors, Classification of Reactors, Power of Nuclear Reactors, Critical size of Thermal Reactors, The Breeder Reactors, Reprocessing of spent fuel, Radiation hazards and Fission products poisoning. Nuclear Fusion: The sources of stellar energy, The Plasma: The fourth state of the matter, Fusion reaction, Energy balance and Lawson Criterion, Magnetic confinement of Plasma, Classical Plasma losses from the Magnetic Container, Anomalous losses, Turbulence and Plasma instabilities, The Laser Fusion Problem, Fusion reactor.
	15.04.24-20.04.24	Structure of Nuclei: Structure of nuclei, basic properties (angular momentum, magnetic moment, Quadrupole moment and binding energy), deuteron binding energy, p-p and n-p scattering and general concepts of nuclear forces. Beta decay, range of alpha particles, Geiger-Nuttalllaw, Gamow's explanation of alpha decay, gamma decay, continuous and discrete spectra.
	22.04.24-27.04.24	Elementary Particles: Classification of Elementary Particles, Fundamental interactions, Unified Approach (basic ideas), The Conservation laws, Quarks (basic ideas), Charmed and Colour Quarks, Higgs Boson, Large Hadron Collider.
	29.04.24-30.04.24	Revision and test.
May	01.05.24 onwards	Examinations

LESSON PLAN(Session2023-24)

Semester--EVEN

Class:B.A/B.SC.B.Ed 8th SEM

Paper Code: PEVE 402

Name of the faculty: Dr. Rekha Sharma
Issues and Concerns

Subject: Vision Of Education in India-

Month	Week	Topic
January	13.01.24-20.01.24	<ul style="list-style-type: none">• Vision of Indian Education and Indian Thinkers
	22.01.24-27.01.24	<ul style="list-style-type: none">• Aims and purposes of education drawn from the ancient intellectual tradition of India•
	29.01.24-03.02.24	<ul style="list-style-type: none">• Communities, Religion, State and Market as the determinants of purpose and process of Education
February	05.02.24-10.02.24	<ul style="list-style-type: none">• An overview of salient features of the philosophy and practice of education by• Swami Vivekanand: Humanistic Approach
	12.02.24-17.02.24	Rabindranath Tagore: Liberationist pedagogy M. K. Gandhi: Basic education or Education for self sufficiency
	19.02.24-24.02.24	Aurobindo Ghosh: Integral Education J. Krishnamurthi: Education for individual and social transformation
	26.02.24-02.03.24	<ul style="list-style-type: none">• Emerging trends in the interface between:• political process and education
March	04.03.24-09.03.24	<ul style="list-style-type: none">• Constitutional interventions for universalization of education and RTE Act 2009
	18.03.24-23.03.23	Constitutional provisions on education that reflect National ideals (Democracy, Equality, Liberty, Secularism and Social justice)
	23.03.24-25.03.23	Holi Vacations
	26.03.24-30.03.24	Equality of Educational Opportunity
April	01.04.24-06.04.24	Meaning of equality of educational opportunity and constitutional provisions

	08.04.24-13.04.24	Prevailing nature and forms of inequality, including dominant and minor groups and related issues
	15.04.24-20.04.24	Inequality in schooling: Public and private schools, rural-urban Schools, single teachers'
	22.04.24-27.04.24	schools and many other forms of inequalities in school systems and the processes leading to disparities
	29.04.24-04.05.24	Issues of Quality and Equity in schooling (with specific reference to girl child, weaker section and differently abled children), Variations in school quality
May	06.05.24-11.05.24	<ul style="list-style-type: none"> • Idea of 'common school' system • political process and education
	13.05.24-18.05.24	<ul style="list-style-type: none"> • Impact of globalization, liberalization and privatization on Indian society and education • Rights and Scheme for education of Girl Child • Education for National Integration and International Understanding
	20.05.24-25.05.24	<ul style="list-style-type: none"> • Citizenship education, Education for Sustainable Development of society • ICT In School Education- National Repository of Open Educational Resources (NROER) • Emerging trends in the interface between: • political process and education
	27.05.24-01.06.24	<ul style="list-style-type: none"> ▪ economic developments and education ▪ Socio- cultural changes and education ▪ Skill development with reference to vocational education <p>Educational development through community participation (Govt. and Non- Govt. Agencies)</p>
June	03.06.24-15.06.24	Revision and Test

LESSON PLAN (Session 2023-2024)
Semester –7th

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

Name of the faculty: Dr. Neelam Panwar

Paper code: Zoology-401
Palaeontology

Nomenclature of the paper: Evolution and

Month	Week	Topics to be covered
October	02.10.23-07-10.23	Origin of life (Abiogenesis and biogenesis) Evidence in favour of evolution: from morphology, comparative anatomy, embryology and Paleontology.
	09.10.23-14.10.23	Theories of evolution: Lamarckism, inheritance of acquired characters and Neo-Lamarckism and Darwinism, theory of natural selection and Neo Darwinism.
	16.10.23-21.10.23	Mutation theory of Hugo de Vries, Weismann theory of germplasm and Recapitulation theory
	23.10.23-28.10.23	Variation: Kinds, sources of variation, origin of new mutations.
	30.10.23-31.10.23	Molecular basis of evolution
November	02.11.23-04.11.23	Isolation: Definition, mechanism and role of isolation in evolution
	06.11.23-10.11.23	Adaptation: Introduction, kinds (structural, physiological and protective) of animal associations, divergent evolution, convergent evolution, evolutionary significances of adaption.
	10.11.23-13.11.23	Dipawali Vacations
	17.11.23-18.11.23	Origin of species: Concept of species/subspecies/sibling. Specie, Factors causing genetic divergence in the population of species, genetic drifts, Bottle Neck effect founder's effect.
	20.11.23-25.11.23	Mimicry and protective coloration: Definition, kinds, condition necessary for mimicry, significance.
	27.11.23-30.11.23	Zoogeographical distribution of animals, geological time scale, origin and evolution of amphibian, reptiles, birds and mammals.
December	01.12.23-02.12.23	Introduction, formation, kinds, determination of age of fossil and its significance.
	04.12.23-09.12.23	Dinosaurs, fossil evidence & reasons for extinction of dinosaurs.

	11.12.23-16.12.23	Evolution of man: Time of origin, compelling causes, ancestor of man, evolution from apes and evolutionary trends.
	18.12.23-23.12.23	Revision of syllabus
	26.12.23-30.12.23	Revision of syllabus
January	01.01.24 onwards	Examinations

LESSON PLAN (Session 2023-2024)
Semester –8th

**Class :B.Sc. B.Ed 8th Semester
Gandhi**

Name of the faculty :Dr. Ambika

**Paper code :Zoology -402
Biotechnology And Instrumentation**

Nomenclature of the paper : Molecular Genetics,

Month	Week	Topics to be covered
January	01.01.24-06.01.24	Nucleic acids: DNA- Structure, forms, chemical composition functions and units of DNA, Genetic Code
	08.01.24-13.01.24	RNA: Genetic RNA, non–genetic RNAs (mRNA, tRNA, and rRNA) – Structure and functions, Replication of DNA
	15.01.24-20.01.24	Gene mutation : nature of mutation, types of mutation and causes of mutation
	22.01.24-27.01.24	DNA repair: mismatch repair, direct repair, base-excision, nucleotide-excision repair and other types of DNA repair. Genetic diseases and faulty DNA repair.
	29.01.24-03.02.24	Gene expression: Transcription and translation of prokaryotes and eukaryotes, Regulation of gene expression in prokaryotes (Lac and tryptophan operon)
February	05.02.24-10.02.24	Genetic engineering : Gene cloning <ul style="list-style-type: none"> i. Cloning vectors ii. Restriction endonucleases, staggered and blunt ended cuts, ligation and example. iii. Recombinant DNA technology
	12.02.24-17.02.24	<ul style="list-style-type: none"> • Gene amplification <ul style="list-style-type: none"> i. cDNA library ii. Genomic library and iii. Polymerase chain reaction
	19.02.24-24.02.24	Applications of recombinant DNA technology – DNA finger printing, human gene therapy, ethical concerns and cloning. Human Genome Project.
	26.02.24-02.03.24	Animal Cell, Tissue and organ culture. History of animal Cell & organ culture requirements.
March	04.03.24-09.03.24	Characteristics of animal cell culture. Culture media (Natural & Synthetic).

	11.03.24-16.03.24	Sterilization of glassware, equipment isolation of animal tissue; sometic cell fusion, hybridoma technology.
	18.03.24-22.03.24	Elementary idea of bio informatics, genomics, proteomics
	23.03.24-25.03.24	Holi Vacation
April	01.04.24-06.04.24	Microscopy : Principle structure and function of simple and compound microscope
	08.04.24-13.04.24	Spectrophotometry: Principle of spectrophotometer, structure of simple & UV visible spectrophotometer. Principles of Chromatography.
	15.04.24-20.04.24	Principles of electrophoresis, separation technique of proteins and DNA, Principles of Centrifugation, simple, Gradient & Ultracentrifuge, General Principle & functions of instrument related to ECG, EEG, CT scanning and Sonography.
	22.04.24-27.04.24	Revision of syllabus
	29.04.24-30.04.24	Revision of syllabus
May	01.05.24 onwards	Examinations