

Tentative Lesson Plan (2023-24)

Name: - Neelam Rani

Designation: Assistant Professor

Class: - B.A. 4th Semester /Subject: Special Functions And Integral Transforms

Date	Topics
1 Feb to 3 Feb	Series solution of differential equations – Power series method.
5 Feb to 10 Feb	Definitions of Beta and Gamma functions. Bessel equation and its solution: Bessel functions and their properties- Convergence
12 Feb to 17 Feb	Recurrence, Relations and generating functions, Orthogonality of Bessel functions.
19 Feb to 24 Feb	Legendre differentials equations and their solution, Legendre functions and their properties-Recurrence Relations and generating functions.
26 Feb to 2 Mar	Orthogonality of Legendre polynomials. Rodrigues' Formula for Legendre Polynomials, Laplace Integral Representation of Legendre polynomial.
4 Mar to 9 Mar	Hermite differentials equations and their solution, Hermite functions and their properties-Recurrence Relations and generating function
11 Mar to 16 Mar	Orthogonality of Hermite polynomial. Rodrigues' Formula for Hermite Polynomial and Test & Assignment
18 Mar to 22 Mar	Laplace Transforms – Existence theorem for Laplace transforms, Linearity of the Laplace transforms,
28 Mar to 6 Apr	Shifting theorems, Laplace transforms of derivatives and integrals,
8 Apr to 13 Apr	Differentiation and integration of Laplace transforms, Convolution theorem, Inverse Laplace transforms
15 Apr to 20 Apr	Convolution theorem, Inverse Laplace transforms of derivatives and integrals
22 Apr to 27 Apr	Solution of ordinary differential equations using Laplace transform.
29 Apr to 4 May	Fourier transforms: Linearity property, Shifting, Modulation, Convolution Theorem, Fourier Transform of Derivatives, Relations between Fourier transform and Laplace transform
6 May to 15 May	Parseval's identity for Fourier transforms, solution of differential Equations using Fourier Transforms.

Signature of Teacher

Neelam

Tentative Lesson Plan (2023-24)

Name: - Neelam Rani

Designation: Assistant Professor

Class: - B.A. 4th Semester

Subject: Sequence and Series

Date	Topics
1 Feb to 3 Feb	Boundedness of the set of real numbers; least upper bound, greatest lower bound of a set,
5 Feb to 10 Feb	Neighborhoods, interior points, isolated points, limit points, open sets, closed set, interior of a set
12 Feb to 17 Feb	Closure of a set in real numbers and their properties. Bolzano-Weierstrass theorem
19 Feb to 24 Feb	Open covers, Compact sets and Heine-Borel Theorem.
26 Feb to 2 Mar	Sequence: Real Sequences and their convergence, Theorem on limits of sequence, Bounded and monotonic sequences
4 Mar to 9 Mar	Cauchy's sequence, Cauchy general principle of convergence, Subsequences, Subsequential limits
11 Mar to 16 Mar	Infinite series: Convergence and divergence of Infinite Series, Comparison Tests of positive terms Infinite series,
18 Mar to 22 Mar	Cauchy's general principle of Convergence of series, Convergence and divergence of geometric series, Hyper Harmonic series or p-series.
28 Mar to 6 Apr	Infinite series: D-Alembert's ratio test, Raabe's test, Logarithmic test, de Morgan and Bertrand's test
8 Apr to 13 Apr	Cauchy's Nth root test, Gauss Test, Cauchy's integral test, Cauchy's condensation test.
15 Apr to 20 Apr	Alternating series, Leibnitz's test, absolute and conditional convergence,
22 Apr to 27 Apr	Arbitrary series: abel's lemma, Abel's test, Dirichlet's test, Insertion and removal of parenthesis
29 Apr to 4 May	Re- arrangement of terms in a series, Dirichlet's theorem, Riemann's Re-arrangement theorem, Pringsheim's theorem and its examples
6 May to 15 May	Multiplication of series, Cauchy product of series, (definitions and examples only) Convergence and absolute convergence of infinite products.

Signature of Teacher



Tentative Lesson Plan (2023-24)

Name: - Neelam Rani

Designation: Assistant Professor

Class: - B.A. 4th Semester /Subject: Programming in C and Numerical Methods

Date	Topics
31 Jan to 3 Feb	Programmer's model of a computer, Algorithms, Flow charts
5 Feb to 10 Feb	Data types, Operators and expressions, Input / outputs functions.
12 Feb to 17 Feb	Decisions control structure: Decision statements, Logical and conditional statements
19 Feb to 24 Feb	Implementation of Loops, Switch Statement & Case control structures.
26 Feb to 2 Mar	Functions, Preprocessors and Arrays.
4 Mar to 9 Mar	Strings: Character Data Type, Standard String handling Functions, Arithmetic Operations on Characters.
11 Mar to 16 Mar	Structures: Definition, using Structures, use of Structures in Arrays and Arrays in Structures.
18 Mar to 22 Mar	Pointers: Pointers Data type, Pointers and Arrays, Pointers and Functions.
28 Mar to 6 Apr	Solution of Algebraic and Transcendental equations: Bisection method, Regula-Falsi method
8 Apr to 13 Apr	Secant method, Newton-Raphson's method. Newton's iterative method for finding pth root of a number
15 Apr to 20 Apr	Simultaneous linear algebraic equations: Gauss-elimination method
22 Apr to 27 Apr	Gauss-Jordan method, Triangularization method (LU decomposition method).
29 Apr to 4 May	Crout's method, Cholesky Decomposition method.
6 May to 15 May	Iterative method : Jacobi's method, Gauss-Seidal's method, Relaxation method.

Signature of Teacher

Neelam

Lesson Plan

Name of Teacher: NIRMLA

Class: Vth Sem

Subject: History

Month: April 2024

Week	Topic
1st	Quit India Movement → Circumstances, Progress, Causes, Significance
2nd	Ideology of Early Phase Revolutionaries Second Phase of Revolutionaries → Ideology of Bhagat Singh and his comrades
3rd	Political Reforms → Acts of 1909 and 1919 Meaning of Communalism, Causes
4th	Muslim League → Ideology and Politics
5th	Poona Pact "Act of 1935"

Nirmla
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Lesson Plan

Name of Teacher: NIRMLA Class: 4th sem

Subject: - History Month: - May 2024

Week	Topic
1st	Activities of S.C. Bose and I.N.A.
2nd	Partition And Independence of India Basic Causes of Partition of India
3rd	Assignment
4th	_____
5th	_____

Nirmla
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Lesson Plan

Name of Teacher: SANJIV KUMAR

Class: B.A. 2nd

Subject: Macro Economics

Month: April

Week	Topic
1st (1-6)	mid term Exam / Theories of Inflation
2nd (7-13)	meaning, causes, effects of Inflation
3rd (14-20)	Types of Inflation
4th (21-27)	Demand Pull and Cost Push Inflation
5th (28-30)	Phillips Curve in Short Run and Long Run.

Sanjiv Kumar

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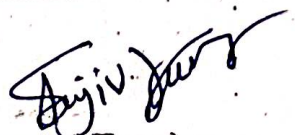
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Lesson Plan

Name of Teacher: SANJIV KUMAR Class: B.A. 2nd

Subject: MACRO ECONOMICS Month: May

Week	Topic
1st (1-4)	meaning, nature and features of Business Cycles. Theories of Trade Cycles
2nd (5-11)	Types and phases of Business cycles. Keynes View of Trade Cycle
3rd (12-15)	Classical and Keynesian Theory of Interest
4th	
5th	


Signature of Teacher

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Lesson Plan

Name of Teacher: Munish Kumar

Class: B.A. Ind. IV Sem.

Subject: Geography (T.)

Month: April

Week	Topic
1st	Population growth, fertility and mortality Pattern
2nd	Concepts of optimum, over and underpopulation
3rd	Theories of Population: Malthus, Ricardo and Marx
4th	Rural Settlements: meaning, classification and Types
5th	Origin, classification and functions of Towns.

Signature of Teacher

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Lesson Plan

Name of Teacher: M. K. Kumar Class: B.A. Ind. IV Sem.

Subject: Geography (T.) Month: May

Week	Topic
1st	Population Pressure, Resource use and Environment Degradation
2nd	Sustainable Development, concept of Deforestation
3rd	Soil Erosion, Air and water Pollution
4th	
5th	

Signature of Teacher 

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Lesson Plan

Name of Teacher: Mulish Kumar Class: B.A. II Ind. IV Sem.
 Subject: Geography (P.) Month: April

Week	Topic
1st	Polar zenithal equidistant Projection Polar zenithal equal Area Projection
2nd	Polar zenithal Gnomonic Projection Polar zenithal Stereographic Projection
3rd	Polar zenithal orthographic Projection Conventional Projection: Characteristics and Application
4th	Oblique Spheroidal Projection and Mollweide Projection
5th	Definitions and importance of Surveying

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Lesson Plan

Name of Teacher: Munish Kumar Class: B.A. Ind. IV Sem.

Subject: Geography (P.) Month: May

Week	Topic
1st	Plane Table Survey: Instruments used in Plane Table Survey
2nd	Methods of Plane Table Survey
3rd	Revision of cylindrical Projection
4th	
5th	

Signature of Teacher 

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Lesson Plan

Name of Teacher: ... MONA ... YADAV ... Class: ... B.A.-IV Sem

Subject: ... Geography (Theory) ... Month: ... April (2024)

Week	Topic
1st	<ul style="list-style-type: none">- Rural Settlements : Meaning , Classification and types- Test / Assignment
2nd	<ul style="list-style-type: none">- Urban Settlements : Origin , Classification and functions of Towns :
3rd	<ul style="list-style-type: none">- Population Pressure , Resources use and environment degradation- Sustainable Development.
4th	<ul style="list-style-type: none">- Concept of deforestation- Soil Erosion- Air and Water pollution
5th	<ul style="list-style-type: none">- Test / Assignment- Impact of Man on Ecosystem


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Lesson Plan

Name of Teacher: ... MONA YADAV ... Class: ... B.A. - IV Sem ...

Subject: ... Geography (Theory) ... Month: ... May (2024) ...

Week	Topic
1st	Revision -:- Nature and Scope of Human Geography, Branches of Human Geography and Approaches.
2nd	<ul style="list-style-type: none"> • Spatial distribution of Races and Tribes in India. → Human Adaptation to Environment • Man and Environment Relationship.] Revision
3rd	<ul style="list-style-type: none"> • Inhabitation Inhabitants of Hot Region - Bush man <p>Exam. - Tentive 16 May.</p>
4th	/ /
5th	/ /

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Lesson Plan

Name of Teacher: ... MONA YADAV ... Class: ... B.A. - IV Sem

Subject: ... Geography (Practical) ... Month: ... April ...

Week	Topic
1st	<ul style="list-style-type: none">• Sinusoidal Projection: - characteristics, applications and drawing.
2nd	<ul style="list-style-type: none">• Mollweide Projection: characteristics, applications and drawing
3rd	<ul style="list-style-type: none">• Identification and choice of Map Projections
4th	<ul style="list-style-type: none">• Introduction and Meaning and definition of Survey.• Significance and Methods of Surveying
5th	<ul style="list-style-type: none">• Plane Table Survey: Methods, Types.



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Lesson Plan

Name of Teacher: MONA YADAV Class: B.A. IV sem
 Subject: Geography Practical Month: May 2024

Week	Topic
1st	Plane Table Survey: Instruments; field work; open traverse
2nd	Closed Traverse method: field work and Lab work. Revision — Projections
3rd	Revision after 15 May Tentive exam. Start.
4th	/
5th	/


 Signature of Teacher

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Lesson Plan

Name of Teacher: Indu Bala Class: R.A. II. A+B
Subject: Hindi Month: April

Week	Topic
1st	दोस कदानी व्याख्या, फाल्गुन नद्य रेणु जीवन परिचय रचनाएँ, साहित्यिक विशेषताएँ, आलोचनात्मक प्रश्न
2nd	मैत्रेयी पुरुषोत्तम: जीवन परिचय, रचनाएँ, साहित्यिक विशेषताएँ, दोस कदानी व्याख्या, आलोचनात्मक प्रश्न
3rd	Test, Assignment
4th	परिभाषिक शब्दावली: स्वरूप और महत्व
5th 29/30	परिभाषिक शब्दावली के गुण


Signature of Teacher

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Lesson Plan

Name of Teacher:.....Ineha. Bala..... Class:13-A, A+ B.....

Subject: -.....Hindi..... Month:-.....May.....

Week	Topic
1st	परिभाषिक शब्दावली के निर्माण में सक्रिय सम्प्रदाय राष्ट्रीयतावादी सम्प्रदाय
2nd	अन्तर्राष्ट्रीयतावादी सम्प्रदाय समन्वयवादी सम्प्रदाय
3rd	
4th	
5th	



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Lesson Plan

Name of Teacher:.....SAVITA RANI..... Class: ..B.A.IInd 4th Sem.

Subject: -.....HINDI..... Month:-..April, 2024

Week		Topic
1st	6	'पुरस्कार' कदानी की व्याख्या व आलोचनात्मक प्रश्न अज्ञेय का जीवन परिचय, स्तनारं, साहित्यिक विशेषताएं
2nd	4	'गैंगीन' कदानी की व्याख्या व आलोचनात्मक प्रश्न ।
3rd	5	भोदन रामेश का जीवन परिचय, स्तनारं व साहित्यिक विशेषताएं व 'सुलके का भालिक' कदानी की सप्रसंग व्याख्या व आलोचनात्मक प्रश्न ।
4 th	6	फलीश्वरनाथ रेणु का जीवन परिचय, स्तनारं व कदानीगत विशेषताएं व 'डेस' कदानी की सप्रसंग व्याख्या व आलोचनात्मक प्रश्न ।
5th	2	मैत्री पुष्पा का जीवन परिचय, स्तनारं व कदानीगत विशेषताएं ।

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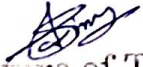
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Lesson Plan

Name of Teacher: ... SAVITA RANI ... Class: ... B.A. Ind. 4th Sem.

Subject: - ... HINDI, ... Month: - ... May, 2024

Week	Topic
1st	4 'फैसला' कहानी की व्याख्या व कहानी के आलोचनात्मक प्रश्न।
2nd	5 ओमप्रकाश वाल्मीकि का जीवन परिचय, स्वनारं व साहित्यिक विशेषताएं व 'पच्चीस-चौका डेढ़ सौ' कहानी की व्याख्या व आलोचनात्मक प्रश्न।
3rd Till 15 May	Revision
4th	
5th	


Signature of Teacher

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Lesson Plan

Name of Teacher: PAWAN KUMAR

Class: BA 2nd Year

Subject: English

Month: April 2024

Week	Topic
1st	Email
2nd	Email
3rd	Email
4th	Resume
5th	Resume


Signature of Teacher

Principal

Lesson Plan


Name of Teacher: PAWAN KUMAR

Class: BA 2nd Year

Subject: English

Month: May 2024

Week	Topic
1st	Book Review
2nd	Book Review
3rd	
4th	
5th	


Signature of Teacher


Principal

Lesson Plan

Name of Teacher: Gireeta Class: B.A. IV Sem.

Subject: Pol. Sc. Month: April, 2024

Week	Topic
1st	Life and works of Mao - Tse - Tung. Main Ideas of Mao.
2nd	Life and works of G. D. H. Cole Political Ideas of Cole.
3rd	Laski's views about State and Sovereignty Laski as a Socialist, Theory of Rights
4th	Laski's views about Liberty and Equality, views about Property.
5th	Estimate of Laski.


Signature of Teacher


Principal

Lesson Plan

Name of Teacher: Grieta Class: IV Sem.

Subject: - Pol. Sc. Month: May 2024

Week	Topic
1st	John Rawls Theory of Distributive Justice
2nd	Robert Nozick's Theory of Justice
3rd	Assignment
4th	
5th	


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