

Lesson Plan

Place - Raman

Class - D.A QHs (4 sem) NEP-2024-25

Subject - Fundamentals of Economic Geography (theory)

Code - B23 Geo - 401

Date	Topics
10 Feb to 17 Feb	Nature and Scope of economic geography and its relationship with economics.
18 Feb to 28 Feb	Classification of economic activities and their impact on environment.
1 March to 8 March 9 March to 16 March 17 March to 25 March	Natural resources: types, bases of classification Holiday Utilization and Conservation of Natural resources.
26 March to 5 April	World distribution of food crops (rice and wheat) Commercial crops (cotton and sugarcane) and Plantation crops (tea and coffee)
6 April to 10 April	World distribution and production of Coal, Petroleum and Natural gas, iron ore and bauxite.
11 April to 17 April	World distribution and production of iron and steel industry, textile industry, sugar industry and automobile industry.
18 April to 25 April	International trade and transport and major oceanic trade routes
26 April to 30 April	Revision

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Lesson Plan

Raman

B.A 2nd (usem)

ect- fundamentals of Economic Geography (Practical)

Date	Topics
Feb to 18 Feb	choropleth mapping of state-wise variation in GDP and PCI
Feb to 28 Feb	Computation of rail and road transport network accessibility index
March to 8 March	Time series analysis of world food, Commercial and plantation crops production and trade using polygraph method
March to 16 March	Holiday
March to 28 March	Representation of Coal and sugar production of major countries of the world using Compound bar diagram
March to 10 April	Representation of Coal and Sugar production of major countries of the world using Compound bar diagram
April to 20 April	Representation of decadal Production of major Petroleum and iron and steel producing countries using multiple bar diagram
April to 20 April	Revision

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Lesson Plan

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B.Com 1st (2 sem) MDC NEP 2024-25

Subject - Human Geography of India (Theory)

Code - B23 Geo-204

Date	Topics
10 feb to 13 february	Population distribution, density and growth.
14 feb to 23 february	Population composition, sex ratio and literacy.
24 march to 31 march	Pattern and growth of urbanization
1 march to 16 march	Holiday
17 march to 22 march	working population: Composition and distribution
23 march to 9 April	Distribution of scheduled tribe population in India.
10 April to 16 April	Religion: distribution of major religions in India.
17 April to 20 April	Linguistic and Cultural diversity in India
21 April to 27 April	Unity and diversity in India.
28 April to 30 April	Revision



Lesson Plan

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BA 3rd (6 sem) old 2024-25

Subject - Introduction to Remote sensing, GIS & Quantitative methods (Practical Geography)

Date	Topics
1 January to 15 January	Demarcation of Principal Elements of Aerial photographs.
16 January to 31 Jan	Scale of Aerial photographs.
1 Feb to 17 Feb	Interpretation of single vertical photographs.
18 Feb to 28 Feb	Use of stereoscope in Aerial photographs.
1 March to 8 March	Identification of features on IRS-1D imagery.
9 March to 16 March	Holiday
17 March to 31 March	Socio - Economic survey and Report writing
1 April to 20 April	Revision



Lesson Plan

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BA Ist (2 sem) WEP 2024-25

Subject - Human Geography (Theory)

Code - B23 Geo-201

Date	Topics
Feb to 18 Feb	Definition, Nature and Scope of Human geography.
Feb to 28 Feb	Development of Human geography approaches to study human geography, branches and relation with other social sciences.
March to 8 March	Human race: meaning, classification of races and their global diffusion and distribution.
9 March to 16 March	Holiday
17 March to 22 March	Religion: meaning, nature and Classification. Evolution and global distribution of major religions in the world.
23 March to 2 April	Organization of Space: Central Place theory, agricultural location model and industrial location model.
3 April to 10 April	Distribution density and growth of population Determinants and world pattern.
11 April to 20 April	World Pattern of development: economy and polity.
21 April to 27 April	World Pattern of migration: streams and determinants.
28 April to 30 April	Revision

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Lesson Plan

Raman

BA Ist (28sem) NEP 2024-25
Subject - Human Geography (Practical)

Date	Topics
Feb to 18 Feb	Composition of major religions of the world
Feb to 28 Feb	methods of representing population distribution and density
March to 8 March	flow diagram of migration streams of world population
March to 18 March	Holiday
March to 28 March	Platting of isotims and isodapane
March to 10 April	Platting of isotims and isodapane (zonetopics)
April to 20 April	spatial and temporal growth of world population
April to 30 April	Revision

Lesson Plan

Session - 2024-2025

Dr. Raksh, Assistant Professor of Hindi

AS-C (Hindi) राजभाषा हिन्दी : प्राचार्य और प्रभार

8 Feb 2025 to 22 Feb 2025 :- राजभाषा, परिभाषा और प्रकार, समर्थ भाषा, राजभाषा और राजभाषा में अन्तर

24 Feb 2025 to 08 Mar 2025 :-

प्रशासन और राजभाषा का अन्तः संबंध, मानक भाषा और राजभाषा

17 March ²⁰²⁵ to 29 March 2025 :- राजभाषा हिन्दी की संवैधानिक व्यवस्था, राजभाषा अधिनियम, राजभाषा नियम, राजभाषा नीति, राजभाषा - सूत्र।

31 March 2025 to 12 April 2025 :- हिन्दी का वैधानिक और तकनीकी स्तर, उपलब्धियाँ और सीमाएँ, आभाषी हिन्दी में अनुवाद की समस्या, अनुवाद भाषा के रूप में राजभाषा हिन्दी का विकास

14 April 2025 to 21 April 2025 :- राजभाषा हिन्दी के विविध परा हिन्दी आलेख, लिपि, संशोधन, पत्राचार, हिन्दी अभ्यूहनीकरण की अग्रगण्य सिद्धि, अन्तरराष्ट्रीय स्तर पर हिन्दी।

24 April 2025 to 03 May 2025 :- संस्कृत पाठ्यक्रम के पुनः विचार

05 May 2025 to onwards

Dr. Raksh

Lesson Plan

Assistant Professor of Hindi
Session 2024-25 (Even Sem)
मध्यमवर्गीय हिंदी कविता

Feb 2025 to 22 Feb 2025 :-

कबीर वाराणसी, जीवन परिचय व आलोचनात्मक पत्र

24 Feb to 08 Mar 2025 -

रसखान व बिहारी की व्याख्या, जीवन परिचय व आलोचनात्मक पत्र
नवागीत

17 March 2025 to

24 March 2025 - भीरावर व चतानंद की व्याख्या, जीवन परिचय व आलोचनात्मक पत्र

31 March 2025 to 12 April 2025 :- रसखान व बिहारी की व्याख्या, जीवन परिचय व आलोचनात्मक पत्र

14 April 2025 to 26 April 2025 :- आदिवासी की सामाजिक परिस्थिति, नाम कवच रस
सीमा निपटि, पुष्पक पृथ्वी, रासो नाम,
लौकिक नाम

23 April 2025 to 3 May 2025 :- काल की परिभाषा, काल-गुण, काल हेतु
काल तत्त्व, शब्द शक्ति

5 May to onwards :-

Signature

Lesson Plan

Dr. Ankit Raj, Assistant Professor of English

Session 2024-25 (Even Semester)

Semester-II

Nomenclature of the Course: Introduction to Prose and Composition

Course Code: B23-ENG-201

Course Type: CC-2/MCC-3

Credits: 4 (Theory 3, Tutorial 1)

8 February 2025 to 22 February 2025: Unit-I

1. Francis Bacon : "Of Studies"
2. Charles Lamb : "Dream Children: A Reverie"
3. E. M. Forster : "Tolerance"
4. Louis Fischer : "Gandhi and the Western World"
5. Nirad C. Chaudhuri: "Public Transport in London and Delhi"

24 February 2025 to 8 March 2025: Unit-II

1. R K. Narayan : "My Educational Outlook"
2. C. V. Raman : "Water: The Elixir of Life"
3. A.P.J. Abdul Kalam: "Great Books Born out of Great Minds"
4. Joseph Addison : "Female Orators"
5. S. Radhakrishnan : "The Gandhian Outlook"

17 March 2025 to 29 March 2025: Unit-III: Composition

1. Letter Writing: Formal and Informal Letters
2. E-mail Writing, Notice Writing
3. Application Writing

31 March 2025 to 12 April 2025: Unit-IV Composition

1. Resume Writing
2. Précis
3. Developing a story based on a specific prompt or idea

14 April 2025 to 26 April 2025: Revision

28 April 2025 onwards: Revision

Ankit Raj

Lesson Plan
Dr. Ankit Raj, Assistant Professor of English
Session 2024-25 (Even Semester)

Semester-II

Nomenclature of the Course: English Language and Communication Skills: Level 2

Course Code: B23-AEC-E201

Course Type: AEC

Credits: 2 (Theory 2)

8 February 2025 to 22 February 2025: Unit-I

1. Sounds in English Language: Phonetic symbols and their understanding through a dictionary (Oxford Advanced Learner's Dictionary)
2. Transcribing one, two and three syllable words in English

24 February 2025 to 8 March 2025: Unit-II

1. Developing Fluency in Speaking Skills
2. Speech Making: Expository Speech, Argumentative Speech
3. Dialogues, Role Plays and Group Discussions

17 March 2025 to 29 March 2025: Unit-III

1. Proper use of Punctuation and Capitalization

31 March 2025 to 12 April 2025: Unit-IV

1. Introduction to Tenses

14 April 2025 to 26 April 2025: Revision

28 April 2025 onwards: Revision

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Lesson Plan
Dr. Ankit Raj, Assistant Professor of English
Session 2024-25 (Even Semester)

Semester-IV

Nomenclature of the Course: Introduction to Drama and Intermediate Grammar

Course Code: B23-ENG-401

Course Type: CC-4/MCC-6

Credits: 4 (Theory 3, Tutorial 1)

8 February 2025 to 22 February 2025: Unit-I

1. Fritz Karinthy : Refund
2. Anton Chekov : A Marriage Proposal
3. Rupert Brooke : Lithuania

24 February 2025 to 8 March 2025: Unit-II

1. Bhasa : The Envoy
2. J.B. Priestley : Mother's Day
3. Jeoffrey Trease : After the Tempest

17 March 2025 to 29 March 2025: Unit-III: Grammar

1. Punctuation
2. Phrasal Verbs
3. Articles and Determiners

31 March 2025 to 12 April 2025: Unit-IV Grammar

1. Non-finites
2. Sentence and its types
3. Tag Questions

14 April 2025 to 26 April 2025: Revision

28 April 2025 onwards: Revision

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DEPARTMENT OF ENGLISH

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Dr. 03/03/2025

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Lesson Plan English Major

Class and Section: - B.A. I (IInd Semester) Introduction to Prose and Composition

Month	Date	Topics
February 2025	08 February, 2025 to 16 February, 2025	Students will be required to know about the scheme of examination, viewing this point, they will be told about the scheme of examination. Students will be able to know about the scheme of examination. Then students will be Introduced to Francis Bacon & the essay, "Of Studies" will be summarised.
		Students will be introduced to the main points; study must be read as Delight, It should be uncourageous to ability and it should be adopted as an ornament.
		"Of Studies" will continue, Explanation of each Prose paragraph will be made and students will be able to understand the references of the instances about education and its value in human life.
		"Of Studies" will continue, Explanation of each Prose paragraph will be made and students will be able to understand the references of the instances about education and its value in human life.
		Discussions will be started.
		Students will be introduced to a new author A.P.J. Abdul Kalam and the Essay, <i>Great Books Born out of Great Minds</i> , a brief description will be told about the author and the essay.
		The Essay, <i>Great Books Born out of Great Minds</i> will start with Explanation of each Prose paragraph; students will be able to understand the power of Imagination through writing and reading as told by Abdul Kalam ji.
		The Essay, <i>Great Books Born out of Great Minds</i> will start with Explanation of each Prose paragraph; students will be able to understand the power of Imagination through creating stories and will be able to know about the negative aspects of storytelling.
		The Essay, <i>Great Books Born out of Great Minds</i> will start with Explanation of each Prose paragraph; students will be able to understand the power of Imagination and Life Force which used by Valmiki, Shakespeare and Goethe in their writings.
		The Essay, <i>Great Books Born out of Great Minds</i> will come to its end; Chapter will be finished after commencing on its end ...Vocabulary Exercises and others relevant topics will be solved. Students will be given questions to prepare for discussion
		Discussions will be started.
		Students will be introduced to a new author E.M. Forester and the essay, <i>Tolerance</i> , a brief description will be told about the author and the essay.
		The essay, <i>Tolerance</i> will start with Explanation of each Prose paragraph; students will be able to understand the the difference between love and tolerance
		The essay, <i>Tolerance</i> will continue to be taught with Explanation of each Prose paragraph; students will be able to understand the difference between love and tolerance
		The essay, <i>Tolerance</i> will come to its end; Chapter will be finished after commencing on its end ...Vocabulary Exercises and others relevant topics will be solved. Students will be given questions to prepare for discussion

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Discussions will be started.

Students will be introduced to a new topic of composition, Letter Writing: Formal and Informal Letters through examples and format of letter writing

By the end of the week, the Students will be introduced to a new topic of composition, Email-Writing, the format and formation of writing an email will be told to the students so that they may be able to compose an Email on any subject matter.

Month	Date	Topics
February, 2025	17 February, 2025 to 25 February, 2025	An Assignment on one of the above Essays will be given to the students, they will be told about how to prepare and write an effective assignment in viewing the points that may resemble to the relevant world.
		Students will be introduced to a new Essay, <i>Female Orators by Joseph Addison</i> , a brief description will be discussed about the Essay.
		The Essay, <i>Female Orators by Joseph Addison</i> will start with Explanation of each Prose paragraph. Students will be able to know about the nature and traits of a female.
		The Essay, <i>Female Orators by Joseph Addison</i> will continue to be taught with Explanation of each Prose paragraph. Students will be able to know about the nature and traits of a female.
		The Essay, <i>Female Orators by Joseph Addison</i> will come to its end; Chapter will be finished after commencing on its end ...Vocabulary Exercises and others relevant topics will be solved. Students will be given questions to prepare for discussion.
		Discussions will be started.
		1st Assignment will be taken from the students. Each student's assessment summery sheet will be noted. An Internal Assessment test will be announced in the class, Students will be given Long Answer type questions on First Two Essays i.e. on <i>Of studies and Tolerance</i> .
February and March, 2025	26 February, 2025 to 05 March, 2025	The Essay, <i>Dream Children: A Reverie</i> by Charles Lamb will be started
		The Essay, <i>Dream Children: A Reverie</i> by Charles Lamb will continued is taught to the students.
		The Essay, <i>Dream Children: A Reverie</i> by Charles Lamb will come to its end; Chapter will be finished after commencing on its end ...Vocabulary Exercises and others relevant topics will be solved. Students will be given questions to prepare for discussion.
		The Essay, <i>Gandhi and the Western World</i> by Louis Fischer will be started
		An Internal Assessment Test will be taken based on the questions from <i>Of studies and Tolerance</i> .
		The Essay, <i>Gandhi and the Western World</i> by Louis Fischer will continue to be taught to the students so that the rhythm may be tuned in the class.

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		The Essay, Gandhi and the Western World by Louis Fischer will come to its end; Chapter will be finished after commencing on its end ...Vocabulary Exercises and others relevant topics will be solved. Students will be given questions to prepare for discussion.
March 2025	06 March, 2025 to 14 March, 2025	Students will be introduced to a new Essay, Public Transport in London and Delhi and The author Nirad C. Chaudhuri, a brief description will be discussed about the Essay.
		The Essay, Public Transport in London and Delhi will start with Explanation of each Prose paragraph. Students will be able to know about busy life in cities like London and Delhi and will be able to know about the traditional customs of the two cultures.
		The Essay, Public Transport in London and Delhi will continue to be taught to the students so that they may be able to understand the two cultures.
		The Essay, Public Transport in London and Delhi will come to its end; Chapter will be finished after commencing on its end ...Vocabulary Exercises and others relevant topics will be solved. Students will be given questions to prepare for discussion.
		Students will be introduced to a new topic of composition, Notice Writing through examples and format of Notice Writing
		By the end of the week , the Students will be introduced to a new topic of composition, Application Writing, the format and formation of writing an email will be told to the students so that they may be able to write correct form of application on any subject matter.

MONTH	Date	Topics
March, 2025	15 March, 2025 to 30 March, 2025	Introduction to Prose and Composition
		Exercises on Application Writing will be given to the students so that they may be able to write correct form of application on any subject matter.
		Students will be introduced to a new Essay, My Educational Outlook and The author R.K. Narayana, a brief description will be discussed about the Essay.
		The Essay, My Educational Outlook will continue be taught to the students so that the better understanding of reading and learning may be developed.
		The Essay, My Educational Outlook will continue be taught to the students so that the better understanding of reading and learning may be developed.
		The Essay, My Educational Outlook will come to its end; Chapter will be finished after commencing on its end ...Vocabulary Exercises and others relevant topics will be solved. Students will be given questions to prepare for discussion.
		Discussion will be started at the end of the chapter.
		Students will be introduced to a new Essay, Water: The Elixir of Life and The author C.V. Raman, a brief description will be discussed about the

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		Essay.
		The Essay, <i>Water: The Elixir of Life</i> will continue be taught to the students so that the better understanding of reading and learning may be developed.
April, 2025	01 April to 25 April, 2025	The Essay, <i>Water: The Elixir of Life</i> will continue be taught to the students so that the better understanding of reading and learning may be developed.
		The Essay, <i>Water: The Elixir of Life</i> will come to its end; Chapter will be finished after commencing on its end ...Vocabulary Exercises and others relevant topics will be solved. Students will be given questions to prepare for discussion.
		The New Composition topic, Resume Writing will be started. Format and basic thing that are necessary for writing an effective Resume will be told to the students
		Exercise will be continued on Resume Writing
		The New Composition topic, Precis will be started and students will be introduced to new paragraphs with some instances from the text as well.
		2 nd Internal Assignment will be given to the students and the same may be collected by the end of the week in March, 2024
		Discussion on all the topics covered in the two weeks.
April, 2025	26 April, 2025 to 30 April, 2025	New Topic, Developing a story based on a specific prompt or idea will be covered
		Revision will start from this month, Of Studies will be revised
		Revision will start from this month, <i>Great Books Born out of Great Minds</i>
		Revision will start from this month, <i>Water: The Elixir of Life</i>
		Revision will start from this month, <i>My Educational Outlook</i>
		Revision will start from this month, <i>Public Transport in London and Delhi</i>
		Revision will start from this month, <i>Gandhi and the Western World</i>
		Revision will start from this month, <i>Dream Children: A Reverie</i>
		Revision will start from this month, <i>Tolerance</i>
		Revision will start from this month, <i>Female Orators</i>
		Revision will start from this month, Resume Writing
May, 2025	01 May, 2025 to 10 May, 2025	Revision of all essays and preparation of Exams.
	15 May, 2025 and onwards	Tentative NEP Semester Examination may be conducted by Kurukshetra University, Kurukshetra.

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B.A. 2nd Year Lesson Plan (Text) for 4th Semester for 2025 Language and Literature-II

08 February, 2025 to 16 February, 2025

Students will be taught by the closing of the week of this month. Things which will be discussed:-

- Explanation of Prose-passages in bilingual method.
- "Paragraph Writing", "Letter Writing: Letter to the Editor", Pair of words, Voice and Narration.

17 February, 2025 to 25 February, 2025

- J C Hill: "Good Manners" will be started and taught by the first week of this month. Things which will be discussed :- (a) Explanation of Prose-passages in bilingual method. Exercises will be given to students for practicing on passages.
- Joseph Addison: "On the Whims of Lottery Adventures" will be taught by the second week of this month. Things which will be discussed :- (a) Explanation of Prose-passages in bilingual method. Students will be prepared for identifying and will be started and taught by the first week of this month. Things which will be discussed :- (a) Explanation of Prose-passages in bilingual method. Exercises will be given to students for practicing on passages.
- Two Assignments will be taken from the students on any first three Chapters of the text. Students will be prepared for maintaining good manners in college as well as outside of the college and a motivation lecture will be given in the quarter of the month.

26 February, 2025 to 05 March, 2025

- M. K. Gandhi: "Playing the English Gentleman" will be taught by the first week of this month. Things which will be discussed :- (a) Explanation of Prose-passages in bilingual method.
- Pico Iyer: "Why We Travel" will be started and taught by the first week of this month which will last at the closing of the Second week. Things which will be discussed :- (a) Explanation with examples of writing Resume will be discussed in bilingual method. Exercises will be given to students for practicing of Phonetics transcriptions. Exercises will be given to students for practicing of Phonetics transcriptions.
- "Paragraph Writing" will be started and taught in the Third week of this month. Things which will be discussed :- (a) Explanation of Prose-passages in bilingual method. Exercises will be given to students for practicing of Phonetics transcriptions. A motivational lecture will be given in the quarter of the month.
- "Letter Writing: Letter to the Editor" will be discussed and taught in the fourth week of this month. Things which will be discussed :- (a) Explanation of Prose-passages in bilingual method. Exercises will be given to students for practicing of Phonetics transcriptions.

06 March, 2025 to 14 March, 2025

- "Rudyard Kipling: "The King and the Tree Goddess" will be started and taught in the first week of this month. Things which will be discussed :- (a) Explanation of Prose-passages in bilingual method. Exercises will be given to students for practicing of

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- Phonetics transcriptions. 2nd Internal Assessment Assignment will be taken from students by this month.
- (ii) **Pair of words** will be taught and students will be able to learn how to read and critically examined the passages.
 - (iii) **Voice** will be discussed with students. They will be taught through Bilingual method. Here students will be able to learn how to translate sentences while careful reading of Tenses.
 - (iv) **Narration** will be taught with fine instances by using textual passages.
 - (v) Questions based on the Exercises of the chapters will be discussed in the fourth week of the month. Various difficulties faced by the students will be resolved in this week.

15 March, 2025 to 30 March, 2025

Revision-I will start in this quarter of the Month.

One Internal Assessment Test will be given to the students which will held on 20 March, 2025

01 April, 2025 to 25 April, 2025

Revision-II will start in this quarter of the Month.

Onwards 26 April Preparation of Semester Examinations

01 May, 2025 and onwards

Final Examination will be taken by Kurukshetra University, Kurukshetra.



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B.A. III Year Lesson Plan (Text: - Interpreting a Play: "The Merchant of Venice" and Developing composition Skills) for 6TH Semester for 2024

03 January, 2025 to 16 January, 2025

(i) Poetic Drama and Its forms

- (ii) "The Merchant of Venice" (Act-1, Scene-I) will be started to teach with explanation of Prose-passages in bilingual method
- (iii) Vocabulary Exercises (Synonyms, Antonyms, An appropriate word/phrase from the chapter, explanation of the literary words/terms.
- (iv) Discussion on Poetic Drama and its forms will be discussed with the students.
- (v) The Merchant of Venice (Act-1, Scene-II) to be taught continuously. Things which will be discussed :- (a) Explanation of Prose-passages in bilingual method.
- (vi) The Merchant of Venice (Act-1, Scene-III) to be taught continuously. Things which will be discussed :- (a) Explanation of Prose-passages in bilingual method.
- (vi) The Merchant of Venice (Act-2, Scene-I) to be taught continuously. Things which will be discussed :- (a) Explanation of Prose-passages in bilingual method.
- (vii) The Merchant of Venice (Act-2, Scene-II) to be taught continuously. Things which will be discussed :- (a) Explanation of Prose-passages in bilingual method.

17 January, 2025 to 30 January, 2025

- (i) The Merchant of Venice (Act-2, Scene-III) to be taught continuously. Things which will be discussed :- (a) Explanation of Prose-passages in bilingual method.
- The Merchant of Venice (Act-2, Scene-IV) to be taught continuously. Things which will be discussed :- (a) Explanation of Prose-passages in bilingual method.
- The Merchant of Venice (Act-2, Scene-V) to be taught continuously. Things which will be discussed :- (a) Explanation of Prose-passages in bilingual method.
- The Merchant of Venice (Act-2, Scene-VI) to be taught continuously. Things which will be discussed :- (a) Explanation of Prose-passages in bilingual method.
- The Merchant of Venice (Act-2, Scene-VII) to be taught continuously. Things which will be discussed :- (a) Explanation of Prose-passages in bilingual method.
- The Merchant of Venice (Act-2, Scene-VIII) to be taught continuously. Things which will be discussed :- (a) Explanation of Prose-passages in bilingual method.
- The Merchant of Venice (Act-2, Scene-IX) to be taught continuously. Things which will be discussed :- (a) Explanation of Prose-passages in bilingual method.
- The Merchant of Venice (Act-3, Scene-I) to be taught continuously. Things which will be discussed :- (a) Explanation of Prose-passages in bilingual method.
- 1st Assignment will be given to the students on the Character sketch of Shylock.

01 February, 2025 to 16 February, 2025

- (vii) Comprehension Exercises and Vocabulary Exercises of the above three chapters will be solved by the closing week of the month:- Synonyms, Antonyms.
- The Merchant of Venice (Act-3, Scene-II) to be taught continuously. Things which will be discussed :- (a) Explanation of Prose passages in bilingual method.
- The Merchant of Venice (Act-3, Scene-III) to be taught continuously. Things which will be discussed :- (a) Explanation of Prose passages in bilingual method.
- The Merchant of Venice (Act-3, Scene-IV) to be taught continuously. Things which will be discussed :- (a) Explanation of Prose-passages in bilingual method.
- The Merchant of Venice (Act-3, Scene-V) to be taught continuously. Things which will be discussed :- (a) Explanation of Prose passages in bilingual method.

[Signature]



हरियाणा सरकार ज्ञान-विज्ञान विमुक्तये



DEPARTMENT OF ENGLISH

GOVERNMENT COLLEGE, GHARAUNDA
(Affiliated to Kurukshetra University, Kurukshetra)

Ref. No. CTD/2025/

Dt. 03/03/2025

Email: - engdept121@gmail.com



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- Which will be discussed :- (a) Explanation of Prose-passages in bilingual method.
- **The Merchant of Venice (Act-4, Scene-i) to be taught continuously. Things**
Which will be discussed :- (a) Explanation of Prose-passages in bilingual method.
 - **The Merchant of Venice (Act-4, Scene-ii) to be taught continuously. Things**
Which will be discussed :- (a) Explanation of Prose-passages in bilingual method.

17 February, 2025 to 29 February, 2025

- (i) **The Merchant of Venice (Act-5, Scene-I) to be taught continuously. Things**
Which will be discussed :- (a) Explanation of Prose-passages in bilingual method.
- Revision of the Acts with Scene in short with fine example with discussion to the students.
- (ii) **Precise Writing** will be taught with fine instances by using textual passages.
- (iii) Questions based on the Exercises of the chapters will be discussed in the fourth week of the month. Various difficulties faced by the students will be resolved in this week.
- (iv) **Internal Assessment Test** will be taken from students in this quarter.
- (v) **2nd Internal Assessment Assignment** will be given to the students on Casket Scene and Precise Writing on a paragraph which will be collected from students in the First week of June, 2022.
- (vi) **Summarising and Abstracting** chapter on grammar will be covered.
- (vii) **One Word Substitution** Chapter on grammar will be covered.
- (viii) **Correspondence Letter writing** tips will be given to the students with instances.
- (ix) Final chapter of the grammar on **comprehension** will be covered in the last couple of the days of this quarter of the month.
- (x) **2nd Assignment will be given to the students on the Theme or the Casket Scene or Trial Scene in the play, The Merchant of Venice**

01 March, 2025 to 30 March, 2025

Revision-I will start in this quarter of the Month.

One Internal Assessment Test will be given to the students which will held on 20 March, 2025

01 April, 2025 to 25 April, 2025

Revision-II will start in this quarter of the Month.

Onwards 26 April Preparation of Semester Examinations

01 May, 2025 and onwards

Final Examination will be taken by Kurukshetra University, Kurukshetra.

Lesson Plan(Week wise)

Name of the Assistant/Associate Professor: ATUL JAIN

Class. :- B.Sc. (Third Year) 6th semester Days: Monday to Thursday

Subject: PHYSICS Session: 2025-26

Paper: Unit I: Unit – I: Historical background of atomic spectroscopy Introduction of early observations, emission and absorption spectra, atomic spectra, wave number, spectrum of Hydrogen atom in Balmer series, Bohr atomic model(Bohr's postulates) , spectra of Hydrogen atom , explanation of spectral series in Hydrogen atom, un-quantized states and continuous spectra, spectral series in absorption spectra, effect of nuclear motion on line spectra (correction of finite nuclear mass), variation in Rydberg constant due to finite mass, short comings of Bohr's theory

Week-1 01/01/2025-02/01/2025

Topics covered: Unit-I Wilson sommerfeld quantization rule, de-Broglie interpretation of Bohr quantization law, Bohr's corresponding principle, Sommerfeld's extension of Bohr's model, Sommerfeld relativistic correction, Short comings of Bohr-Sommerfeld theory, Vector atom model; space quantization, electron spin, coupling of orbital and spin angular momentum, spectroscopic terms and their notation, quantum numbers associated with vector atom model, transition probability and selection rules

Week-2 06/01/2025-09/01/2025

Topics covered: Unit –II: Vector Atom Model (single valance electron) Orbital magnetic dipole moment (Bohr megnaton), behavior of magnetic dipole in external magnetic filed; Larmors' precession and theorem. Penetrating and Non-penetrating orbits, Penetrating orbits on the classical model; Quantum defect, spin orbit interaction energy of the single valance electron, spin orbit interaction for penetrating and non-penetrating orbits. quantum mechanical relativity correctio

Week-3 13/01/2025-16/01/2025

Topics covered: Unit-II Hydrogen fine spectra, Main features of Alkali Spectra and their theoretical interpretation, term series and limits, Rydeburg-Ritze combination principle, Absorption spectra of Alkali atoms. observed doublet fine structure in the spectra of alkali metals and its Interpretation, Intensity rules for doublets, comparison of Alkali spectra and Hydrogen spectrum .

Week-4 20/01/2025-23/01/2025

Topics covered:Unit-III UNIT-III: Vector Atom model (two valance electrons) Essential features of spectra of Alkaline-earth elements, Vector model for two valance electron atom: application of spectra. Coupling Schemes;LS or Russell – Saunders Coupling Scheme and JJ coupling scheme, Interaction energy in L-S coupling (sp, pd configuration)

Week-5 27/01/2025-30/01/2025

Topics covered: Unit-III Lande interval rule, Pauli principal and periodic classification of the elements. Interaction energy in JJ Coupling (sp, pd configuration), equivalent and non-equivalent electrons, Two valance electron system-spectral terms of non-equivalent and equivalent electrons, comparison of spectral terms in L-S And J-J coupling. Hyperfine structure of spectral lines and its origin; isotope effect, nuclear spin.

Week-6 03/02/2025-06/02/2025 **Unit –IV** Zeeman Effect (normal and Anomalous),Experimental set-up for studying Zeeman effect, Explanation of normal Zeeman effect(classical and quantum mechanical), Explanation of anomalous Zeeman effect(Lande g-factor), Zeeman pattern of D1 and D2 lines of Naatom, Paschen-Back effect of a single valance electron system. Weak field Stark effect of Hydrogen atom

Week-7	10/02/2025-13/02/2025	Molecular Physics General Considerations, Electronic States of Atomic Molecules, Rotational Spectra (Far IR and Microwave Region), Vibrational Spectra (IR Region), Rotor Model of Diatomic Molecule, Raman Effect, Electronic Spectra.
Week-8	17/02/2025-20/02/2025	<u>Unit-I</u> Unit I: Crystal Structure I Crystalline and glassy forms, liquid crystals, crystal structure, periodicity, lattice and basis, crystal translational vectors and axes. Unit cell and Primitive Cell, Wigner Seitz primitive Cell
Week-9	Unit-I 24/02/2025-27/02/2025	symmetry operations for a two dimensional crystal, Bravais lattices in two and three dimensions. Crystal planes and Miller indices, Interplaner spacing, Crystal structures of Zinc Sulphide, Sodium Chloride and Diamond.
Week-10	Unit-II 03/03/2025-06/03/2025	Unit II: Crystal Structure II X-ray diffraction, Bragg's Law and experimental X-ray diffraction methods. K-space and reciprocal lattice and its physical significance
Week-11	Unit-II 17/03/2025-20/03/2025	reciprocal lattice vectors, reciprocal lattice to a simple cubic lattice, b.c.c. and f.c.c.
Week-12	Unit-III 24/03/2025-27/03/2025	Unit III: Super conductivity Historical introduction, Survey of superconductivity, Super conducting systems, High Tc Super conductors, Isotopic Effect, Critical Magnetic Field, Meissner Effect, London Theory and Pippards' equation
Week-13	Unit-III 31/03/2025-03/04/2025	Classification of Superconductors (type I and Type II), BCS Theory of Superconductivity, Flux quantization, Josephson Effect (AC and DC), Practical Applications of superconductivity and their limitations, power application of superconductors.
Week-14	07/04/2025-10/04/2025	Topics covered: Unit-IV Unit IV: Introduction to Nano Physics Definition, Length scale, Importance of Nano-scale and technology, History of Nanotechnology
Week-15	14/04/2025-17/04/2025	Unit IV: Benefits and challenges in molecular manufacturing. Molecular assembler concept, Understanding advanced capabilities
Week-16	Unit-IV 21/04/2025-24/04/2025	Vision and objective of Nano-technology, Nanotechnology in different field, Automobile, Electronics, Nano-biotechnology, Materials, Medicine.
Week-17	28/04/2025-30/04/2025	Revision

Lesson Plan(Week wise)

Name of the Assistant/Associate Professor: ATUL JAIN

Class. :- B.Sc. (Second Year) 4th semester Days: Monday to Wednesday

Subject: PHYSICS Session: 2025-26

Paper: Mechanics

Week-1 10/02/2025-12/02/2025

Topics covered: Unit-I

INTERFERENCE

Interference by Division of Wave front: Young's double slit experiment, Coherence

Week-2 17/02/2025-19/02/2025

Topics covered: Unit-I

Conditions of interference, Fresnel's biprism and its applications to determine the wavelength of sodium light and thickness of a mica sheet, phase change on reflection

Week-3 24/02/2025-26/02/2025

Topics covered: Unit-I

Interference by Division of Amplitude: Plane parallel thin film, production of colors in thin films

Week-4 03/03/2025-05/03/2025

Topics covered: Unit-I

Classification of fringes in films, Interference due to transmitted light and reflected light, wedge shaped film, Newton's rings

Week-5 17/03/2025-19/03/2025

Topics covered: Unit-II **DIFFRACTION**

Fresnel's diffraction: Huygens-Fresnel's theory, Fresnel's assumptions, rectilinear propagation of light

Week-6 24/03/2025-26/03/2025

Topics covered: Unit-II Diffraction at a straight edge, rectangular slit and diffraction at a circular aperture. Diffraction due to a narrow slit, diffraction due to a narrow wire.

Week-7 31/03/2025-02/04/2025

Topics covered: Unit-II Fraunhofer diffraction: Single slit diffraction, double slit diffraction, plane transmission grating spectrum, dispersive power of grating, limit of resolution, Rayleigh's criterion, resolving power of telescope and a grating

Week-8 07/04/2025-09/04/2025

Topics covered: Unit-III **POLARIZATION**

Polarization: Polarisation by reflection, refraction and scattering, Malus Law

Week-9 Unit-III

14/04/2025-16/04/2025

Phenomenon of double refraction, Huygens's wave theory of double refraction (Normal and oblique incidence), Analysis of polarized Light. Nicol prism

Week-10 Unit-III
20/04/2025-23/04/2025
Quarter wave plate and half wave plate, production and detection of (i) Plane polarized light (ii) Circularly polarized light and (iii) Elliptically polarized light

Week-11 Unit-III
28/04/2025-30/04/2025
Optical activity, Fresnel's theory of optical rotation, Specific rotation, Polarimeters (half shade and Biquartz)

Week-12 Unit-III
05/05/2025-07/05/2025
Lasers: Basic concept of absorption and emission of radiations, amplification and population inversion

Week-13 Unit-IV
12/05/2025-14/05/2025
Main components of lasers: (i) Active Medium (ii) Pumping (iii) Optical Resonator; Properties of laser beam: Monochromaticity, Directionality, Intensity, Coherence (Spatial & Temporal coherence); Metastable state, Excitation mechanism and Types of Lasers (He-Ne Laser & Ruby Laser). Applications of Lasers

Week-14 Unit-IV
19/05/2025-21/05/2025
Fibre optics: Optical fibres and their properties, Principle of light propagation through an optical fibre. Acceptance angle and numerical aperture

Week-15 Unit-IV
26/05/2025-28/05/2025
Types of optical fibres: Single mode and multimode fibres, Advantages and Disadvantages of optical fibres, Applications of optical fibres, Fibre optic sensors: Fibre Bragg Grating

Lesson Plan(Week wise)

Assistant/Associate Professor: ATUL JAIN
B.Sc. (First Year) 2nd semester Days: Monday to Wednesday
Subject: PHYSICS Session: 2025-26

Paper: Mechanics

Week-1 10/02/2025-12/02/2025

Topics covered: Unit-I Vector Background and Electric Field : Gradient of a scalar and its physical significance, Line, Surface and Volume integrals of a vector and their physical significance

Week-2 17/02/2025-19/02/2025

Topics covered: Unit-I Flux of a vector field, Divergence and curl of a vector and their physical significance, Gauss's divergence theorem, Stoke's theorem. Conservative nature of Electrostatic Field

Week-3 24/02/2025-26/02/2025

Topics covered: Unit-I Electrostatic Potential, Potential as line integral of field, potential difference Derivation of electric field E from potential as gradient. Derivation of Laplace and Poisson equations. Electric flux, Gauss's Law

Week-4 03/03/2025-05/03/2025

Topics covered: Unit-I Differential form of Gauss's law and applications of Gauss's law. Mechanical force of charged surface, Energy per unit volume.

Week-5 17/03/2025-19/03/2025

Topics covered: Unit-II Magnetic Field: Biot-Savart law and its simple applications: straight wire and circular loop, Current Loop as a Magnetic Dipole and its Dipole Moment

Week-6 24/03/2025-26/03/2025

Topics covered: Unit-II Ampere's Circuital Law and its applications to (1) Solenoid and (2) Toroid, properties of B: curl and divergence, Magnetic Properties of Matter: Force on a dipole in an external field

Week-7 31/03/2025-02/04/2025

Topics covered: Unit-II Electric currents in Atoms, Electron spin and Magnetic moment, types of magnetic materials, Magnetization vector (M), Magnetic Intensity (H), Magnetic Susceptibility and permeability, Relation between B, H and M, Electronic theory of dia and paramagnetism

Week-8 07/04/2025-09/04/2025

Topics covered: Unit-II Domain theory of ferromagnetism (Langevin's theory), Cycle of Magnetization- B-H curve and hysteresis loop: Energy dissipation, Hysteresis loss and importance of Hysteresis Curve

Week-9 Unit-III

14/04/2025-16/04/2025

Time varying electromagnetic fields: Electromagnetic induction, Faraday's laws of induction and Lenz's Law

Week-10 Unit-III

21/04/2025-23/04/2025

Self-inductance, Mutual inductance, Energy stored in a Magnetic field, Derivation of Maxwell's equations, Displacement current, Maxwell's equations in differential and integral form and their physical significance.

Week-11 Unit-III

28/04/2025-30/04/2025

Electromagnetic Waves: Electromagnetic waves, Transverse nature of electromagnetic wave

Week-12 Unit-III

05/05/2025-07/05/2025

Energy transported by electromagnetic waves, Poynting vector, Poynting's theorem. Propagation of Plane electromagnetic waves in free space & Dielectrics

Week-13 Unit-IV

12/05/2025-14/05/2025

. DC current Circuits: Electric current and current density, Electrical conductivity and Ohm's law (Review), Kirchhoff's laws for D.C. networks, Network theorems: Thevenin's theorem, Norton theorem, Superposition theorem

Week-14 Unit-IV

19/05/2025-21/05/2025

Alternating Current Circuits: A resonance circuit, Phasor, Complex Reactance and impedance, Analysis for RL, RC and LC Circuits

Week-15 Unit-IV

26/05/2025-28/05/2025

Series LCR Circuit: (1) Resonance, (2) Power Dissipation (3) Quality Factor and (4) Band Width, Parallel LCR Circuit.

Lesson Plan

Name of Assistant Professor:

Class

Subject:

Mrs. Geeta

B.A. IV Semester

Macroeconomics-II

11th Feb to 13 th Feb 2025	Keynesian Multiplier: Concepts , Relation between Multiplier, MPC and MPS,
17 th Feb to 20 th Feb 2025	Comparative Static and Dynamic Process, Working of Multiplier in UDC'S. and Acceleration Principle and Concept of Super Multiplier.
21 st Feb to 22 nd Feb 2025	Revision and Test
24 th Feb to 27 th Feb 2025	The Demand for Money: Concepts,
28 th February 2025 to 1 st March	Functions and Significance ,
3 rd March and 4 th March 2025	Quantity Theory of Money -Fisher's Approach and Cambridge Approach
5 th March and 6 th March 2025	Keynesian Liquidity Theory of Money , Supply of Money: Meaning and Determinants
7 th March to 8 th March 2025	Revision and Test
17 th to 20 th March 2025	Meaning, Causes and Effects of Inflation
21 st to 22 nd March 2025	Types of Inflation
24 th to 26 th March 2025	The Classical Theory of Inflation
28 th 2025	Demand Pull and Cost Push Inflation
29 th March 2025	Phillips Curve in Short run and Long run
31 st May 2025 to 2 nd April 2025	Revision and Test
2 nd April to 10 th April 2025	Meaning, Nature and Features of Business Cycles.
11 th April to 12 th April 2025	Types and Phases of Business Cycles.
11 th April to 12 th April 2025	Revision and Test
14 th April and 15 th April 2025	Keynes's View of Trade Cycles.
16 th April to 17 th April 2025	Discussion

18 th April to 19 th April 2025	Revision and Test
21 st April to 22 nd April 2025	Theories of Trade Cycles (Samuelson)
23 rd April to 24 th April 2025	Rate of Interest:
25 th April to 30 th April 2025	Keynesian Theories of Interest
1 st May to 5 th May	IS-LM framework
From 2 nd May to onwards	Revision and Test

Day

Lesson Plan

Name of Assistant Professor:

Mrs. Geeta

Class

B.A. VI Semester

Subject:

Indian Economy-II

1 st Jan to 15 th Jan 2025	Role of Industrialization Industrial Policy – 1991 onwards. New Economic Reforms – Concepts i) Liberalization ii) Privatization, iii) Globalization ..
16 th Jan to 31 st Jan 2025	Small and Large Scale Industry – Growth and Problems. Growth of Knowledge Based Industry – IT, Software Consultancy Revision
1 st Feb to 5 th Feb 2025	Meaning and Classification of Labour. Characteristics of Industrial Labour.
6 th Feb to 15 th Feb 2025	Industrial Disputes Causes, Measures for Settlement. Social Security Measures in India. Revision and Test
16 th Feb to 29 th Feb 2025	Meaning, Concepts, Need and Objectives. Types of Planning, Merits and Demerits.
1 st Mar to 4 th Mar 2025	Objectives, Achievements, and Failures of Five Year Plans.
5 th March to 8 th March 2025	Objectives of ongoing Five Year Plan Revision and Test
17 th March to 19 th March 2025	Trends and Composition of India's Imports. Trends and Direction of India's Exports
20 th March to 22 nd March 2025	EXIM Policy of India in relation to Trade Liberalization and its Impacts
24 th March to 31 st March 2025	FDI, FII and MNCs in India Revision and Test
1 st April 2025 to 6 th April 2025	External Borrowings and BOP Problem in India International Institutions
8 th April 2025 to 15 th April 2025	IMF, WB and the Indian Economy.
16 th April 2025 to 18 th April 2025	ADB, WTO and the Indian Economy.
19 th April Onwards	Revision and Test

Geeta

Lesson Plan

Name of Assistant Professor:

Mrs. Geeta

Class:

Arts: II Semester

Subject:

Macro Economics-I

11th Feb to 13 th Feb 2025	Nature and Scope of Macro Economics,
17 th Feb to 20 th Feb 2025	Difference between Micro and Macro Economics, Importance of Macro Economics.
21 st Feb to 22 nd Feb 2025	Discussion and Test
24 th Feb to 27 th Feb 2025	Concepts, Measurement and limitations of National Income Statistics
28 th February 2025 to 1 st March	Discussion and Test
3 rd March and 4 th March 2025	Circular flow of Income in Two, Three and Four Sector Economy
5 th March and 6 th March 2025	Say's law of Market
7 th March to 8 th March 2025	Discussion and Test
17 th to 20 th March 2025	Classical Theory of Income and Employment
21 st to 22 nd March 2025	Keynesian Theory of Income and Employment, Principle of Effective Demand
24 th to 26 th March 2025	Comparison between Classical and Keynesian Theory of Employment
28 th 2025	Revision and Discussion
29 th March 2025	Test
31 st March 2025 to 5 th April 2025	Consumption Function: Meaning and Technical Attributes,
7 th April to 10 th April 2025	Significance of MPC, Relationship between APC & MPC
11 th April to 12 th April 2025	Keynesian Psychological Law of Consumption and its Implications,
11 th April to 12 th April 2025	Short-run & Long-run Consumption functions
14 th April and 15 th April 2025	Discussion and Test
16 th April to 17 th April 2025	Meaning of Capital and Investment,
18 th April to 19 th April 2025	Types of Investment

Geeta

21st April to 22nd April 2025	Discussion and Test
23rd April to 24th April 2025	Marginal Efficiency of Capital (MEC)
25th April to 26th April 2025	Discussion and Test
21st April to 24th April 2025	Relation between MEC and MEL
25th April 2025	Discussion
26th April 2025	Test
28th April to 1st May 2025	Factors affecting Inducement to Invest
From 2nd May onwards	Discussion and Test

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Lesson Plan

Name of Assistant Professor:
Class:

Mrs. Geeta
Arts, Commerce, Physical and Life sciences
II Semester
Human Values and Ethics

1st Feb to 22nd Feb 2023	Understanding the need, content and process for value education and Classification of value education
23rd February 2023 and 1 st March	Moral Values & Spiritual values; understanding the difference between ideology and values
2 nd and 8 th March 2023	Understanding harmony with self, society and nature and Debate and discussion on the need and nature of value education
13 th and 22 nd March 2023	Meaning and nature of human values, significance of human values in life.
23 rd March 2023	Relation between values and ethics, relevance of human values
28 th 2023	Theory of Naya and Deontology
29 th March 2023	Theory of Value ethics and utilitarianism
4th April 2023 to 7 th April 2023	Practical Understanding the relationship among self identity and personality
11 th April to 12 th April 2023	Understanding integrated personality- with the three gunas theory of Sankhya
14 th April to 19 th April 2023	The four Ashub- Karma in Yoga
21 st April to 26 th April 2023	Approaching comprehensive understanding of well being and its relation to happiness
2 nd May to 10 th May 2023	Nature, Characteristics and scope of professional ethics, Types of Professional ethics, Professional values, values for global citizenship
11 th May to 16 th May 2023	Practical, Discussion and test
19 th May and 27 th May 2023	Nature and need of competency based education
29 th May and 31 st May 2023	Types and need competency based education, Competencies and functional competencies
3 rd May and 10 th May 2023	Practical, Discussion and test

Geeta

Session- 2024-2025

LESSON PLAN

B.Sc- 6th semester

Subject - Dynamics

Teacher - Ms. DEEPIKA

1-1-2025 to 15-1-2025	Velocity and acceleration along radial, transverse tangential and normal directions
16-1-2025 to 31-1-2025	Relative velocity and acceleration. Simple harmonic motion
1-2-2025 to 15-2-2025	Elastic strings, mass, momentum and force Newton's laws of motion.
16-2-2025 to 28-2-2025	Work, Power and energy. Definitions of conservative forces and impulsive forces
1-3-2025 to 8-3-2025	Motion on smooth and rough planes and curves
17-3-2025 to 31-3-2025	Projectile motion of a particle in a plane vector angular velocity.
1-4-2025 to 20-4-2025	General motion of a rigid body. Central orbits, Kepler's laws of motion. Motion of a particle in three dimensions. Acceleration in terms of different co-ordinate systems.
21-4-2025 to 30-4-2025	Revision.

Dr. B. 12

B.Sc - 6th Semester
 Sub: Real & complex Analysis
 Session - 2024-2025
LESSON PLAN
 Teacher - MS. DEEPIKA

1-1-2025 to 15-1-2025	Jacobians, Beta and Gamma functions, Double Triple integrals
16-1-2025 to 31-1-2025	Dirichlet's Integrals, change of order of integration in double integrals. Fourier expansion of piecewise monotonic functions.
1-2-2025 to 15-2-2025	Properties of Fourier coefficients, Dirichlet's conditions, Parseval's identity for Fourier Series, Fourier series for even and odd functions
16-2-2025 to 28-2-2025	Half range series, change of intervals Extended complex plane, stereographic projection of complex numbers
1-3-2025 to 5-3-2025	Continuity and differentiability of complex numbers, functions
17-2-2025 to 31-3-2025	Analytic functions, Cauchy-Riemann equations Harmonic functions, mappings by elementary functions: Translation, Rotation, Magnification and Inversion
1-4-2025 to 15-4-2025	conformal mappings, Mobius Transformation fixed points, Cross ratio, Inverse points and critical mappings.
16-4-2025 to 30-4-2025	Revision.

Deeplika

Session-2024-2025

LESSON-PLAN

B.Sc - IInd Sem.

Subject: Algebra and Number Theory

Teacher: Ms. Deepika

-2-2025 to 11-2-2025	Symmetric, Skew symmetric, Hermitian and skew Hermitian matrices elementary operations on matrices, Rank of matrix, Inverse of matrix
18-2-2025 to 28-2-2025	Linear dependence and independence of rows and columns of matrix, row rank and column rank of a matrix, Eigen values, Eigen vector Characteristic equation of a matrix.
1-3-2025 to 8-3-2025	Minimal polynomial, Cayley-Hamilton theorem
11-3-2025 to 31-3-2025	Unitary and orthogonal matrices, Relation between roots of coefficient of polynomial equation in one variable solution of polynomial equations having conditions on roots.
1-4-2025 to 15-4-2025	Common roots and multiple roots, Transformation of equations, Nature of the roots of an equation Descartes rule of signs, Solutions of cubic equation Biquadratic equation and their solutions. Divisibility & GCD.
16-4-2025 to 30-4-2025	LCM, Prime numbers Fundamental Theorem of arithmetic, Linear Congruence, Fermat's Theorem, Euler's Theorem
3 1-5-2025 to 15-5-2025	Wilson's Theorem and its converse, Chinese Remainder Theorem, Linear Diophantine equations in two variables
16-5-2025 to 31-5-2025	Revision.

Deepika

Session - 2024-2025

LESSON PLAN

B.com - IInd Semester

Subject: Elements of Business Mathematics

Teacher: MS. DEEPIKA

Feb., 2025
(1-2-25 to
25-2-25)

Derivative of simple functions and other functions having applications in Business Studies

March
2025
(1-3-25 to
31-3-25)

Maxima and minima of Revenue, Cost, Demand, Production, Profit function and other functions related to business and commerce.

1-4-2025
to
30-4-2025

Integration: Definite and indefinite, basic rules of integration.

1-5-2025
to
31-5-2025

Application of integration in commercial and business problems. And Revision

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26/4,

3/5/2

Lesson Plan

Name of Assistant Professor: DR SURESH KUMAR
Class: B.A PART - I

Class: B.A PART-1 (SEM-2) AEC
Subject: HINDI

Subject: HINDI

8 Feb. 14 Feb	संश्लेषण का अर्थ, प्रकृति महत्वा और उद्देश्य ।
15/02/21/2	संश्लेषण के तत्व व प्रकार, संश्लेषण की विशेषताएँ ।
22 Feb To 28 Feb	संश्लेषण की प्रक्रिया, अन्तर्राष्ट्रीय संश्लेषण व सांस्कृतिक मिन्नता
01 March To 7 March	प्रौद्योगिकी की आधारित संश्लेषण उपकरण, मौखिक और गैर मौखिक ।
08/03/25 To 14/03/25	संश्लेषण भाषण प्रक्रिया, भाषण में बाधाएँ, भाषण के प्रकार ।
15/03/25 To 21/03/25	प्रभावी भाषण के लाभ, नोट लेना और नोट बनाना ।
22/03/25 To 28/03/25	भारत में बोली जाने वाली हिन्दी, हिन्दी भाषण दृष्टिकोण विवरण अभिव्यक्ति ।
29/03/25 To 04/04/25	हिन्दी में भाषण के अंग, वर्तन और उच्चारण शब्दकार के अनुसार शब्दों में फल उच्चारण का अन्तर्राष्ट्रीय दृष्टिकोण व अभिव्यक्ति ।
05/04/25 To 11/04/25	प्रस्तुति कौशल, साक्षात्कार कौशल, साक्षात्कार में लिखित तैयारी, साक्षात्कार तैयारी, सार्वजनिक भाषण, भाषण की तैयारी, भाषण का आयोजन, भाषण की प्रस्तुति ।
26/04/25 To 02/05/25	पाठ्यक्रम पुनः अवलोकन -
03/05/25 To 07/05/25	पुनः अवलोकन - हिन्दी भाषा एवं संश्लेषण : मौखिक संश्लेषण

Lesson Plan

Head of Assistant Professor : DR SURESH KUMAR

Course : B.A PART-1 (SEM-2) MINOR

Subject :

1/257014/2/25	राजभाषा : परिभाषा और प्रशस्ति (स्वरूप), सम्पर्क भाषा
5/2/257021/2/25	राजभाषा और राजभाषा में अन्तर, प्रशासन और राजभाषा का अन्तः संबंध, मानक भाषा और राजभाषा।
22/2/257028/2/25	राजभाषा हिन्दी की संवैधानिक व्यवस्था, राजभाषा अधिनियम।
01/03/257071/3/25	राजभाषा नियम, द्वािभाषा नीति, जिभाषा-सूत्र।
8/3/257014/3/25	हिन्दी का वैज्ञानिक और तकनीकी विकास उपलब्धियों और सीमारें।
15/03/257021/3/25	कार्य लक्ष्य हिन्दी में अनुवाद की समस्या।
22/3/257028/3/25	अनुवाद भाषा के रूप में राजभाषा हिन्दी का विकास।
29/3/257041/4/25	राजभाषा हिन्दी के विविध पक्ष : हिन्दी भाषा, लिपि, संक्षेपण, पत्राचार, हिन्दी कम्प्यूटरकरण की अद्यतन स्थिति।
05/04/257011/4/25	अन्तराष्ट्रीय स्तर पर हिन्दी।
12/04/257018/4/25	पाठ्यक्रम - पुनः अवलोकन - राजभाषा
19/4/257025/4/25	राजभाषा हिन्दी की संवैधानिक व्यवस्था
26/4/257021/5/25	हिन्दी का वैज्ञानिक और तकनीकी विकास।
3/5/257028/5/25	राजभाषा हिन्दी के विविध पक्ष
10/5/257001/5/25	पाठ्यक्रम - पुनः अवलोकन

(Signature)

Lesson Plan

of Assistant Professor: **DR SURESH KUMAR**

Subject: **BA II (SEM-4) MAJOR**

lect: **HINDI**

15/1/25 TO 14/2/25	हल्लेरी : काव्य सम्बन्धी मान्यताएं, अरस्तू का अनुकरण सिद्धान्त
15/2/25 TO 21/2/25	अरस्तू का विरंचन सिद्धान्त लॉन्गिन्स काव्य में उदात्त की अवधारणा, वर्ड्सवर्थ का 'काव्यभाषा' सिद्धान्त।
22/2/25 TO 28/2/25	भारतेंद्रु : अंधेर नगरी (नाटक)
01/3/25 TO 7/3/25	अंधेर नगरी नाटक की कथावस्तु, उद्देश्य, चरित्र-चित्रण
08/3/25 TO 14/3/25	अंधेर नगरी नाटक की भाषा-शैली, रंगमंचीयता,
15/3/25 TO 21/3/25	अंधेर नगरी नाटक की समरंजनाएं, नामकरण
22/3/25 TO 28/3/25	<u>हिंदी साहित्य का इतिहास - रीतिकाल की सामान्य परिस्थितियाँ</u>
29/3/25 TO 4/04/25	रीतिकाल के नामकरण की सार्थकता।
05/04/25 TO 11/4/25	रीतिकाल काव्य की विशेषताएं, रीतिकाल नीतिपरक काल
12/4/25 TO 18/4/25	प्रयोजनमूलक हिंदी का अर्थ, परिभाषा व महत्व पर लेखन प्रकार, प्रशिक्षण व रूपरेखा, संक्षेपण का अर्थ, परिभाषा व प्रशिक्षण के नियम।
19/4/25 TO 25/4/25	मूलतः अर्थ, परिभाषा, स्वरूप, प्रशिक्षण के नियम व विशेषताएं।
26/4/25 TO 2/5/25	पाठ्यक्रम पुनः अवलोकन - पाश्चात्य काव्यशास्त्र की निम्नलिखित
31/5/25 TO 09/5/25	1 समरंजनामूलक नाटक का बोध।
10/5/25 TO onward.	2 हिंदी साहित्य का अनुभव
	3 प्रयोजनमूलक हिंदी में रचना।

(Signature)

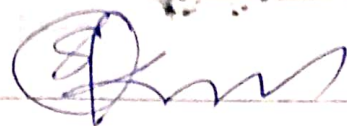
Lesson Plan

Asst. Professor: DR SURESH KUMAR

B.A PART-2 (SEM-4)

Subject: AEC HINDI

12/12/25 to 14/12/25	चरित्रित्व: चरित्रित्व की परिभाषा, चरित्रित्व विकास के तत्व, प्रकार, साफ्ट गौशल से चरित्रित्व में सुधार, चरित्रित्व लक्षण शैलियों
15/12/25 to 21/12/25	स्वामी विवेकानन्द के चरित्रित्व की अवधारणा एवं भाषा व साहित्य का योगदान।
22/12/25 to 28/12/25	नेतृत्व योजना: नेतृत्व से आगे पाय सफल नेता के गुण, नेतृत्व के लाभ प्रेरणा और लक्ष्य का निर्धारण, लक्ष्य प्राप्ति।
01/01/26 to 07/01/26	सफलता-विफलता की अवधारणा, सफलता प्राप्त करने में बाधाएँ, सफलता के जिम्मेदार कारक, टीम निर्माण, टीम कार्य
08/01/26 to 14/01/26	इमोशनल इंटेलिजेंस का अर्थ एवं महत्व। मूल्यांकन: मूल्यांकन की शक्ति, चरित्रित्वगत मूल्यांकन, सांस्कृतिक मूल्यांकन सामाजिक मूल्यांकन
15/01/26 to 21/01/26	शिष्टाचार मूल्यांकन: शिष्टाचार का वर्गीकरण, अच्छे आचरण का अभाव
22/01/26 to 28/01/26	आत्मनुराग का महत्व, आत्म मूल्यांकन एवं विकास
29/01/26 to 04/02/26	समय प्रबन्धन: अर्थ महत्व, समय प्रबन्धन की तकनीक और शैलियाँ
05/02/26 to 11/02/26	टाइम मैनेजिंग, प्रभावी शैलियाँ, तनाव प्रबन्धन का अर्थ परिचय, कारण।
12/02/26 to 18/02/26	तनाव के प्रभाव एवं प्रकार, तनाव के स्रोत, तनाव प्रबन्धन की तकनीक।
19/02/26 to 25/02/26	पाठ्यक्रम पुनः अवलोकन - चरित्रित्व विकास की प्रक्रिया का बोध
26/02/26 to 01/03/26	नेतृत्व क्षमता का विकास
03/03/26 to 09/03/26	चरित्रित्व में मूल्यांकन का संदर्भ
10/03/26 to 04/04/26	पुनः अवलोकन समय प्रबन्धन व तनाव प्रबन्धन की क्षमता



Lesson Plan

of Assistant Professor : DR. SURESH KUMAR

S: B.A 6th SEM

Subject: HINDI

12/25/2014/2/25 आशा का अन्त, उल्लाह

12/25/2014/2/25 गिल्लू, देवदारु

22/25/2014/2/25 मेरे राम का मुकुट भीग रहा है, सदाचार का ताबीज

01/03/25/2014/3/25 तिलवत के पग पर

15/3/25/2014/3/25 हरिभाणवी भाषा का उद्भव और विकास

22/3/25/2014/3/25 हरिभाणवी भाषा की प्रमुख बोलियाँ

29/3/25/2014/4/25 हरिभाषा की सांग परम्परा : उद्भव और विकास

05/04/25/2014/4/25 हरिभाषा की कविता : परिचय और प्रवृत्तियाँ

12/04/25/2014/4/25 हरिभाषा की गद्य साहित्य (1) उपन्यास साहित्य
(2) कहानी साहित्य (3) नाटक साहित्य

19/04/25/2014/4/25 पत्रकारिता : स्वरूप एवं प्रकार

26/04/25/2014/5/25 शीर्षक की संरचना, सम्पादक के गुण और शीर्षक

3/5/25/2014/5/25 फीचर लेखन, स्वतन्त्र प्रेस की आवश्यकता

10/5/25/2014/5/25 पाठ्यक्रम पुनः अवलोकन

पाठ्यक्रम पुनः अवलोकन

समस्त पाठ्यक्रम के लक्ष्य और मूल्य प्रश्न

Dr. Suresh Kumar

Lesson Plan MDC History (Session 2024-25)

Name of the Teacher: **Gurnam Singh**

Class and Section: B.Sc./B.Com. 2nd Semester

Subject: History (Glimpses of Medieval India)

Year 2025	Topics
08 Feb. to 20 Feb.	Establishment and Consolidation of Delhi Sultanate: Polity of the
21 Feb to 04 March	State Apparatus of Delhi Sultanate: Administration with special reference to Iqtadari System
05 March to 08 March	Bahmani and Vijaynagar Empires Bhakti and Sufi Movements.
17 March to 20 March	Establishment of Mughal Rule: Babur and Humayun
21 March to 25 March	Shershah Suri and his Administration
27 March to 31 March	The Great Mughals: Akbar to Aurangzeb Polity and Policies Society and Economy under Mughals Mughal
01 April to 10 April	Mughal Systems: Mansabdari, Zabti, Jagirdari and Izaradari
11 April to 20 April	Disintegration of Mughal Empire.
21 April to 30 April	Emergence of Regional Powers: Bengal, Hyderabad, Marathas and Sikhs
01 May to 15 May	Rivalry between European Powers in India and the Carnatic Wars Conquest of East India Company over Bengal: Battle of Plessey
16 May & Onwards	Revision of syllabus

Gurnam Singh
Associate Prof. of History

Lesson Plan History, Session (2024-25)

Name of the Teacher: Gurnam Singh
 Subject: History (Idea of Bharat)
 Class and Section: B.A-I, 2nd Semester

Week	Topics
1. 8 Feb. to 22 Feb.2025	Meaning and Definition of History Scope of History, Concept of History, History Writing -----Do----- -----Do----- Collection and Selection of Facts Sources of Ancient Indian History Archaeological Sources -----Do----- Religious Sources -----Do----- -----Do----- Historical and Semi- Historical Sources -----Do----- Description of Foreign Travelers, Folk Lore -----Do-----
2. 23 Feb. to 28/2/2025	Class Test Harappan Civilization Geographical Extent and Main Sites Urbanization
3. 01/3/25 to 06/3/2025	Social Life, Economic Life Religious Life, Political Organisation ----Do---- Assignment-I Cultural Life, Decay of Harappan culture Vedic Culture: Polity, Society, Religion and Literature
	-----1-----

Anurag
 Gurnam Singh
 Associate Professor of History

3/25 to. 08/3/2025	Original Home of Aryans
	Vedic Literature, Society, Economy
	Vedic Political System, Religion
	-----Do-----
	Legacy Of Aryan Civilization
	Class Test
5. 9/3/2025 to 11/3/2025	Test ,Assignment and map
6. 12/3/2025 to 13/3/2025	Emergence of State; Sixteen Mahajanpadas and the Formation of Magdha Empire Territorial States of Northern India Rise of Magdha Empire
7. 14/3/2025 to 17/3/2025	Jainism
	-----Do-----
	-----Do-----
	Buddhism
	-----Do-----
8. 18/3/2025 to 21/3/2025	Mauryan Empire
	-----Do-----
	Nature of Maurya State
	The Maurya Administration
	-----Do-----
9. 1/4/2025 to 5/4/2025	Assignment II
	Post- Mauryan Empire: Kushanas and Satvahanas
	Kushana Empire: Kanishka, Art, Education and Literature
	-----Do-----
	-----Do-----
10. 6/4/2025 to 10/4/2025	Satavahana Kingdom: Administration, Social, Economic, Religious and Cultural Life
	-----Do-----
	Assessment Test
	Gupta Empire: Sources
	Political History of Gupta
	Administration System of Gupta
	Social Life, Towns in Gupta Age
	Economic Life, Agrarian System and Revenue System
	Religious Life, Art and Literature

	Science and Technology Gupta Period- A Golden Age
11. 11/4/2025 16/4/2025	Pushyabhuti and Chalukya. Triangular struggle for Hegemony of Kannauj : Palas, Pratihar and Rashtrakoot. Rise of Rajput with special reference to Tomars Mahmud Gajnavi and Mohammad Gauri : conflict with Indian States and impact
12. 17/4/2025 & 30/4/2025	Map: Important Sites of Harappan Culture Ashoka's Empire: Extent, Pillars and Edicts Extent of Kanishka's Empire Extents of Harsha's Empire
01/5/2025 & Onwards	Revision of syllabus

Gurdeep Singh
Gurdeep Singh
Associate Prof. of History

Lesson Plan
Dr. Devender Kumar
Associate Professor in Mathematics
Session 2024-25 Even Semester
GC Gharaunda

B.Com. 2nd Semester
Business Mathematics-II
B-23-COM-204

Year 2025	Topics	Remarks
08 Feb. – 28 February	Permutations and Combinations.	
01 March – 31 March	Permutations. Numerical and practical problems related to permutations	
01 April – 15 April	Permutations and Combinations. Further Numerical and practical problems related to permutations and combinations.	
16 April – 30 April	Binomial Theorem, it's expansion, to find middle term and solving numerical problems	Assignment-1
01 May – 15 May	Programming: Formulation of linear programming problems (LPP) and their solution by graphical simplex method.	Test
16 May and onwards	Applications of linear programming in solving problems related to business and commerce.	

Dr. Devender Kumar

Lesson Plan
Dr. Devender Kumar
Associate Professor in Mathematics
Session 2024-25 Even Semester
GC Gharaunda

Bachelor of Physical Sciences 4th Semester
Analytical Geometry & Vector Calculus
B-23 MAT-401

Year 2025	Topics	Remarks
08 Feb. – 28 February	General equation of second degree Classification of conic sections; centre, asymptotes, axes, eccentricity, foci and directrices of conics. Tangent at any point to a conic, chord of contact, pole of line to a conic, director circle of a conic. Polar equation of a conic, tangent and normal to a conic, confocal conics.	
01 March – 31 March	Sphere: General form, Plane section of a sphere. Sphere through a given circle. Intersection of two spheres, tangent plane and line.	Assignment-1
01 April – 15 April	Sphere: Polar plane and line, orthogonal spheres, radical plane of two spheres and co-axial system of spheres. Cone: Equation of a cone, right circular cone, quadric cone, enveloping cone. Tangent plane and condition of tangency	
16 April – 30 April	Cylinder: Right circular cylinder and enveloping cylinder. Central Conicoids: Equation of tangent plane. Director sphere. Normal to the conicoids. Polar plane of a point. Enveloping cone of a conicoid, Enveloping cylinder of a conicoid, confocal conicoid, reduction of second degree equations.	Assignment-2
01 May – 15 May	Scalar and Vector product of three vectors, four vectors, reciprocal vectors, vector differentiation and derivative along a curve, directional derivatives; Gradient of a scalar point function, divergence and curl of vector point functions, their geometrical meanings and vector identities.	Test
16 May and onwards	divergence and curl of vector point functions, their geometrical meanings and vector identities. Vector integration: line integral, surface integral and volume integral. Theorem of Gauss, Green, Stoke and problems based on these.	

Dr. Devender Kumar

Lesson Plan
Dr. Devender Kumar
Associate Professor in Mathematics
Session 2024-25 Even Semester
GC Gharaunda

B.Sc. 6th Semester
 Linear Algebra
 Code: BM-362

Year 2025	Topics	Remarks
08 Feb. – 28 February	Vector spaces, subspaces, Sum and Direct sum of subspaces, Linear span, Linearly Independent and dependent subsets of a vector space, Finitely generated vector space, Existence theorem for basis of a finitely generated vector space.	
01 March – 31 March	Finite dimensional vector spaces, Invariance of the number of elements of bases sets, Dimensions, Quotient space and its dimension. Homomorphism and isomorphism of vector spaces, Linear transformations and linear forms on vector spaces, Vector space of all the linear transformations Dual Spaces, Bidual spaces, annihilator of subspaces of finite dimensional vector spaces	Assignment-1
01 April – 15 April	Null Space, Range space of a linear transformation, Rank and Nullity Theorem, Algebra of Linear Transformation	
16 April – 30 April	Minimal Polynomial of a linear transformation, Singular and non-singular linear transformations, Matrix of a linear Transformation, Change of basis, Eigen values and Eigen vectors of linear transformations.	Assignment-2
01 May – 15 May	Inner product spaces, Cauchy-Schwarz inequality, Orthogonal vectors, Orthogonal complements, Orthogonal sets and Basis, Bessel's inequality for finite dimensional vector spaces	Test
16 May and onwards	Gram-Schmidt, Orthogonalization process, Adjoint of a linear transformation and its properties, Unitary linear transformations.	

Devender

Lesson Plan

Name of Assistant Professor:

Dr. Virender Singh

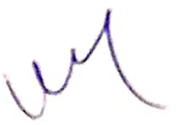
Class

B.Com 6th Semester

Subject:

Human Resource Management

11.1.2025 to 15.1.2025	Human resource management: meaning, nature, history and scope,
16.1.2025 to 31.1.2025	Objectives, functions, importance; HRM vs. HRD and personal management. Human resource planning: meaning, importance, objectives, process, factors affecting manpower planning, problems and suggestions for making HR planning effective.
1.2.2025 to 15.2.2025	Job Analysis: meaning, process of job analysis, methods of collecting job analysis data, potential problems with job analysis; job description and job specification.
16.2.2025 to 28.2.2025	Recruitment: meaning, purpose, recruitment policy, factors affecting recruitment; source of recruitment,
1.3.2025 to 8.3.2025	Internal and external methods of recruitment. Selection: meaning, purpose, difference between recruitment and selection; process of selection; barriers to effective selection.
17.3.2025 to 31.3.2025	Placement, induction and internal mobility: placement; induction/orientation: meaning, objectives, content and responsibility for induction
1.4.2025 to 15.4.2025	Internal mobility: meaning & need; transfer: purpose, types; benefits and problems, transfer policy; promotion: purpose, basis, promotion policy; demotion: causes, demotion policy.
16.4.2025 to 30.4.2025	Training: meaning, training and education, training and development, objectives, importance, steps in designing training programme; training methods: on-the-job and off-the-job methods
1.5.2025 to 15.5.2025	Performance appraisal: meaning, features, merits, limitations, process and methods of performance appraisal.
16.5.2025 to 31.5.2025	Revision



Lesson Plan

Name of Assistant Professor:

Dr. Virender Singh

Class

B.Com 2nd Semester

Subject:

Company Law - II

11.2.2025 to 28.2.2025	Company: Concept, characteristics, types; Conversion of private Company into public company & vice versa. Incorporation of a company; Legal position of promoters; Pre-incorporation contracts.
1.3.2025 to 8.3.2025	Memorandum of Association: Clauses and alteration procedure
17.3.2025 to 31.3.2025	Doctrine of ultra vires; Articles of Association: Clauses and alteration; Doctrine of indoor management
1.4.2025 to 15.4.2025	Doctrine of constructive notice; Prospectus: Concept, types, contents and formalities of red herring & shelf prospectus, mis-statement and Remedies, liabilities for misstatements in Prospectus.
16.4.2025 to 30.4.2025	Share capital: Types, issue and allotment of shares; Reduction of share capital; Board of Directors: Composition, legal position, Qualification, appointment, Powers, duties & liabilities and removal of directors; Company secretary: Role, appointment, duties, liabilities, rights and removal.
1.5.2025 to 15.5.2025	Dividend: Types, factors affecting dividend decisions, Legal provisions, dividend practices prevalent in India; Winding up of a company: Reasons, modes, procedure and implications of Winding up.
16.5.2025 to 31.5.2025	Revision



Lesson Plan

Name of Assistant Professor:

Dr. Virender Singh

Class

B.Com 2nd Semester

Subject:

Principles of Marketing

11.2.2025 to 28.2.2025	Marketing: Concept, nature, scope and importance; Evolution of Marketing; Understanding marketing in new perspectives; Marketing environment: Concept, importance; Micro environmental factors: Suppliers, marketing intermediaries, customers, competitors, public;
1.3.2025 to 8.3.2025	Macro environmental factors: Demographic, economic, natural, technological, politico-legal and socio- cultural.
17.3.2025 to 31.3.2025	Consumer behavior: Concept, nature and importance, consumer buying decision process, factors Influencing consumer buying behavior; Market segmentation: Concept, importance and bases; Target market selection; Positioning: Concept, importance and bases.
1.4.2025 to 15.4.2025	Product: Concept, importance and classification; Branding, Packaging and Labeling; Product life cycle; New product development; Pricing: Concept, significance, price determination, pricing methods, pricing policies and strategies.
16.4.2025 to 30.4.2025	Promotion: Nature and importance; Advertising, personal selling, sales promotion and publicity/public relations; Factors affecting promotion mix decisions; Distribution: Concept, importance and types of distribution channels; Factors affecting choice of distribution channel;
1.5.2025 to 15.5.2025	Retailing; Wholesaling. Overview of recent developments in marketing: Social marketing; Online marketing; Direct marketing; Green marketing; Relationship marketing.
16.5.2025 to 31.5.2025	Revision



Lesson Plan

Name of Assistant Professor:

Dr. Virender Singh

Class

B.A 2nd Semester

Subject:

MDC- Fundamentals of Banking and Insurance

11.2.2025 to 28.2.2025	Banking: Concept, features, functions, importance and principles of banking; Evolution of banking in India; Classifications of banks.
1.3.2025 to 8.3.2025	Banking instruments: Concept, types and crossing of cheques; Lending functions of a bank: Types of Advances:
17.3.2025 to 31.3.2025	Secured & unsecured, loans- Short, medium and long Term Methods of granting advances
1.4.2025 to 15.4.2025	Utility services of a bank: Remittance through bank drafts; E Banking; Internet banking; Safe deposit lockers
16.4.2025 to 30.4.2025	Insurance: Concept, need and principles of insurance; Insurance and economic development; Life Insurance: Concept, features, importance, and types: procedure of taking life insurance policies, nomination and assignment.
1.5.2025 to 15.5.2025	General insurance: concept, features, importance, and types; Procedure of taking general insurance: An overview of Fire insurance, Marine Insurance, Health Insurance.
16.5.2025 to 31.5.2025	Revision

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Lesson Plan

Name of Assistant Professor:

Gurmeet Singh Saini

Class

B.Com 6th Semester

Subject:

Management Accounting

1.1.2025 to 15.1.2025	Management Accounting: nature, significance and scope, rules and techniques of management accounting; difference between cost accounting and management accounting, cost control, cost reduction, cost management.
16.1.2025 to 31.1.2025	Budgeting and budgetary control: concept of budget and budgetary control objectives, merits, and limitations
1.2.2025 to 15.2.2025	Budget administration, functional budgets, fixed and flexible budgets, zero base budget, programme and performance budgets.
16.2.2025 to 28.2.2025	Standard costing and variance analysis: concept & significance; advantages, limitations and applications,
1.3.2025 to 8.3.2025	Variance analysis – material, labour.
17.3.2025 to 31.3.2025	Absorption versus variable costing: distinctive features and income determination; cost-volume-profit analysis
1.4.2025 to 15.4.2025	Break-even analysis-algebraic and graphic methods; contribution; P/V ratio,
16.4.2025 to 30.4.2025	Break-even point; margin of safety; angle of incidence; determination of cost indifference point.
1.5.2025 to 15.5.2025	Responsibility accounting: concept, significance, types of responsibility centers, divisional performance measurement – financial measures.
16.5.2025 to 31.5.2025	Revision

Gurmeet

Lesson Plan

Name of Assistant Professor:

Dr. Gurmeet Singh Saini

Class

B.Com 6th Semester

Subject:

Business Environment

1.1.2025 to 15.1.2025	Business environment: concept, components, and importance; environmental and organizational scanning: concept importance & techniques.
16.1.2025 to 31.1.2025	Public, private and joint sectors in India.
1.2.2025 to 15.2.2025	Economic systems: capitalist, socialist & mixed economy
16.2.2025 to 28.2.2025	Economic planning in India: achievement & failures, planning machinery in India
1.3.2025 to 8.3.2025	Role of Government: monetary policy
17.3.2025 to 31.3.2025	Fiscal policy, make in India
1.4.2025 to 15.4.2025	Foreign investment: concept, need, types & barrier;
16.4.2025 to 30.4.2025	Multinational corporations in India, globalization of Indian business.
1.5.2025 to 15.5.2025	Competition Act, Foreign Exchange Management Act. Foreign exchange market: an overview
16.5.2025 to 31.5.2025	Revision

Gurmeet

Lesson Plan

Name of Assistant Professor:

Dr. Gurmeet Singh Saini

Class

B.Com 4th Semester

Subject:

Entrepreneurship Development

11.2.2025 to 28.2.2025	Entrepreneurship: Concept, importance, factors influencing entrepreneurship; Entrepreneur: Concept, characteristics, qualities, functions, classification of Entrepreneurs; Relationship between entrepreneurship and management
1.3.2025 to 8.3.2025	Process of entrepreneurship development; Role of Entrepreneurship in economic development; Motivations to become entrepreneur.
17.3.2025 to 31.3.2025	Entrepreneurship Development and MSMEs: Concept, registration process, benefits of registration; MSMEs-As a nascence of Entrepreneurship; Start up and Skill India: Concept, steps and need; Role of modern technology in developing MSME; Role of MSMEs in the economic development.
1.4.2025 to 15.4.2025	Identifying business opportunity: Concept and steps; Sources of ideas and information; Developing creativity and innovation; Contents of business project report; Project Appraisal: Feasibility study- preparation of feasibility reports, economic, technical, financial and managerial feasibility of project; Selection of factory location
16.4.2025 to 30.4.2025	Demand analysis and market potential measurement; Capital and project costing; Working capital requirements; Source of finance; Profit and tax planning. Institutions supporting entrepreneurs: Government support and incentives to new enterprises;
1.5.2025 to 15.5.2025	Promotional agencies and institutions in entrepreneurship development; Central Govt. supporting institutions: SSIB, NABARD, SIDO, NSIC, SIDBI, NBMSME, KVIC, NISIET; State Govt. supporting institutions: SFCS, SSIDC, TCO; Non-Govt. supporting institutions and their role.
16.5.2025 to 31.5.2025	Revision



Lesson Plan

Name of Assistant Professor:

Dr. Gurmeet Singh Saini

Class

B.A/B.Com 4th Semester

Subject:

VAC- National Cadet Corps

11.2.2025 to 28.2.2025	NCC Activities- Aims and Objectives of NCC, NCC Song and background of NCC Song
1.3.2025 to 8.3.2025	Freedom Struggle of India, Substance Abuse, Introduction to obstacle Course
17.3.2025 to 31.3.2025	NCC Activities with special focus on Drill, National Integration and developing an understanding of the challenges that confront India , National Integration Council, National Interests, Objectives, Threats and Opportunities, Introduction to drill
1.4.2025 to 15.4.2025	NCC Activities for Nation building , Role of students in nation-building, Problems/ Challenges of National integration, Unity in Diversity, Introduction to weapons used by Indian Army
16.4.2025 to 30.4.2025	NCC Activities on Personality Development, Personality development and the factors that influence/shape personality.
1.5.2025 to 15.5.2025	Understanding about Self-awareness: Know yourself/insight', Sociability social skills, values, code of ethics, Judging Distance and Field Signals
16.5.2025 to 31.5.2025	Revision

Gurmeet

Lesson Plan

Name of Assistant Professor:

Dr. VIKAS

Class:

B.A.,B.Com.,B.Sc. 1st Semester

Subject:

Environmental Studies (B23-VAC-201)

11.2.2025 to 28.2.2025	Introduction to environmental studies: Multidisciplinary nature of environmental studies; Scope and importance; Concept of sustainability and sustainable development. Ecosystems: Definition, structure and function of ecosystem; Energy flow in an Ecosystem: food chains, food webs, Major ecosystems types: Forest ecosystem, Grassland ecosystem, Desert ecosystem and Aquatic ecosystem (lakes, rivers, oceans).
1.3.2025 to 8.3.2025	Natural resources: Renewable and Non-renewable Resources Land resources: Land degradation and soil erosion. Forest resources: Importance of forests, deforestation: causes and impacts on environment. Water resources: Use and over-exploitation of surface and ground water. Energy resources: Renewable and non-renewable energy sources.
17.3.2025 to 31.3.2025	Biodiversity and Conservation: Definition and its types, Endangered and endemic species of India. Threats to biodiversity: Habitat loss, poaching of wildlife, man-wildlife conflicts, biological invasions; Conservation of biodiversity: <i>In-situ</i> and <i>Ex-situ</i> conservation of biodiversity. Ecosystem and biodiversity services: Ecological, economic, social, ethical, aesthetic and informational values.
1.4.2025 to 15.4.2025	Environmental pollution Environmental pollution: types, causes, effects and Controls; Air, water, soil and noise pollution. Solid waste management: Sources, Methods of disposal: Landfill, incineration and composting. Climate change, Global warming, ozone layer depletion, acid rain and impacts on human communities and agriculture.
16.4.2025 to 30.4.2025	Environmental Policies & Practices Environmental laws: Environment (Protection) Act, 1986, Air (Prevention & Control of Pollution) Act, 1981, Water (Prevention and control of Pollution) Act, 1974.
1.5.2025 to 15.5.2025	Human Communities and the Environment: Human population growth: Impacts on environment, human health and welfare. Resettlement and rehabilitation of project affected person.
16.5.2025 to 31.5.2025	Disaster management: floods, earthquake, cyclones, landslides and drought. Environmental ethics: Role of Indian and other religions and cultures in environmental conservation.

Lesson Plan

Name of Assistant Professor:

Dr. VIKAS

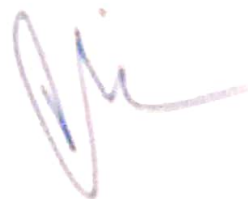
Class:

B.A. 2nd Semester

Subject:

Human Geography (Practical) (4)

11.2.2025 to 28.2.2025	Composition of major religions of the world (1 exercise).
1.3.2025 to 8.3.2025	Methods of representing population distribution and density (2 exercises).
17.3.2025 to 31.3.2025	Flow diagram of migration streams of world population (1 exercise).
1.4.2025 to 15.4.2025	Plotting of isotims and isodapane (2 exercises).
16.4.2025 to 30.4.2025	Spatial and temporal growth of world population (2 exercises).
1.5.2025 to 15.5.2025	Spatial and temporal growth of world population (2 exercises).
16.5.2025 to 31.5.2025	Revision



Lesson Plan

Name of Assistant Professor:

Dr. VIKAS

Class:

B.A. 4th Semester

Subject:

**Fundamentals Of Economic
Geography (Practical) (4, 6)**

11.2.2025 to 28.2.2025	Choropleth mapping of state-wise variation in GDP and PCI (2exercises).
1.3.2025 to 8.3.2025	Computation of rail and road transport network accessibility index (2 exercises).
17.3.2025 to 31.3.2025	Time series analysis of world food, commercial and plantation crops production and trade using polygraph method (2 exercises).
1.4.2025 to 15.4.2025	Time series analysis of world food, commercial and plantation crops production and trade using polygraph method (2 exercises).
16.4.2025 to 30.4.2025	Representation of coal and sugar production of major countries of the world using compound bar diagram (1exercise).
1.5.2025 to 15.5.2025	Representation of decadal production of major petroleum and iron and steel producing countries using multiple bar diagram (1 exercise).
16.5.2025 to 31.5.2025	Revision



Lesson Plan

Name of Assistant Professor:

Dr. VIKAS

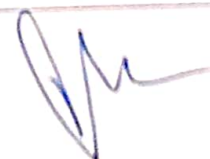
Class:

B.Com. 4th Semester

Subject:

Disaster Management (B23-VAC-415)

11.2.2025 to 28.2.2025	Natural hazards and disasters: definition and approaches of study; classification of disasters.
1.3.2025 to 8.3.2025	Disaster profile of India and world.
17.3.2025 to 31.3.2025	Concepts of disaster vulnerability and mitigation.
1.4.2025 to 15.4.2025	Preventive measures and preparedness for disasters.
16.4.2025 to 30.4.2025	Flood: factors, vulnerability, consequences and management.
1.5.2025 to 15.5.2025	Drought: Definition, nature, mitigation measures and management. Industrial disasters: major industrial disasters and their causes and consequences.
16.5.2025 to 31.5.2025	Epidemics: Causes and consequences, Covid-19 a case study.



Lesson Plan

Name of Assistant Professor:

Dr. VIKAS

Class

B.A. 6th Semester

Subject:

Introduction to Remote Sensing, GIS &
Quantitative Methods (1-4)

1.1.2025 to 15.1.2025	Introduction to Aerial Photographs: their advantages and types.
16.1.2025 to 31.1.2025	Elements of aerial Photo interpretation.
1.2.2025 to 15.2.2025	Introduction to Remote Sensing; Electromagnetic spectrum
16.2.2025 to 28.2.2025	Stages in remote sensing, type of satellites.
1.3.2025 to 8.3.2025	Types of Imageries and their application in various fields such as agriculture, environment and resource mapping.
17.3.2025 to 31.3.2025	Imageries application in various fields such as agriculture. Environment and resource mapping.
1.4.2025 to 15.4.2025	Measure of Central Tendency: Mean, Median and Mode.
16.4.2025 to 30.4.2025	Measure of Dispersion: Range, Quartile deviation and Mean deviation, Standard deviation, Coefficient of variation.

Lesson Plan

Name of Assistant Professor:

Dr. VIKAS

Class:

B.A. 6th Semester

Subject:

Distribution Maps, Diagrams, Remote Sensing and Field Survey Report (Practical)
(5)

1.1.2025 to 15.1.2025	Principal of map design and layout, Symbolization: point, line and area symbol, Lettering and toponomy, Mechanics of map construction.
16.1.2025 to 31.1.2025	Distribution maps: (i) Qualitative distribution maps: Choroscopic maps- 1 Exercise, Chorochromatic maps- 2 Exercise. (ii) Quantitative distribution Maps: Isopleth maps-3 Exercises, Choropleth maps-3 Exercises.
1.2.2025 to 15.2.2025	Dot maps-3 Exercises, Diagrammatic maps- 3 Exercises. Prismatic Compass Survey – 2 Exercises.
16.2.2025 to 28.2.2025	Demarcation of Principal Point, Conjugate Principal point and Flight line on Aerial Photographs – 1 Exercise
1.3.2025 to 8.3.2025	Determination of Scale of Aerial Photographs – 1 Exercise.
17.3.2025 to 31.3.2025	Interpretation of Single Vertical Photographs – 1 Exercise. Use of Stereoscope and Identification of Features – 1 Exercise.
1.4.2025 to 15.4.2025	Identification of Features on IRSID, LISS III imagery (Mark copy of FCC) -1 Exercise.
16.4.2025 to 30.4.2025	Socio-economic Survey and Report Writing.



Lesson Plan

Name of Computer Instructor:

Sunil Kumar

Class

B.A/B.sc – 2nd Sem

Subject:

Cloud Computing

12.02.2025 to 27.02.2025	Computer Network Basics, Concepts of Distributed Systems, Concept of Cloud Computing and its Necessity.
01.03.2025 to 08.03.2025	Cloud Service Providers in use and their Significance, Cloud Pros and Cons
17.03.2025 to 29.03.2025	, Cloud Deployment Models, Concept of Virtualization and Load Balancing, Overview on Virtualization Used for Enterprise Solution,
01.04.2025 to 15.04.2025	Key Challenges in managing Information, Identifying the problems of scale and management in big data,
16.04.2025 to 03.05.2025	Designing and Implementing a Data Center – Based Cloud Installing Open Source Cloud service.
05.05.2025 to 17.05.2025	Amazon Web Services, Google Cloud Platform.
19.05.2025 onwards	Revision



Lesson Plan
B.com 6th Sem

Subject:-Retail Management

Month	Particulars
Jan.2025	Retailing Meaning Scope, theories and models., operation management, planning location of retail business retail communication. Class test, Assignment
Feb.2025	Security issues in retailing, store design, store layout, organisational structure in retail institutions Class test, Assignment, Group Discussions
March2025	Retailing in India, Retail Institutions, merchandise planning, Retail strategies in India Class test, Presentations
April 2025	Application of Information technology in Retailing, Foreign Direct investment In Retail, Retail store management Revision, Doubt sessions, sessionals

Chetan

Lesson Plan

B.com 6th Sem

Subject:-Fundamentals of Insurance

Month	Particulars
Jan.2025	Introduction to insurance, purpose needs and principals, insurance as security tool, insurance in economic development, life insurance introduction, conditions and terms Class test, Assignment
Feb.2025	Nominations, assignment practices, revivals, loans, surrenders, bonuses, and annuity payments, claim settlement procedure, principle of fire insurance, fire insurance policy Class test, Assignment, Group Discussions Marine insurance policy,
March2025	premium, double Insurance, assignment of policy warranties, voyage, measures of indemnity Class test. Presentations
April 2025	Accident and motor Insurance, Role of agent, rise of agency, termination of agency, Code of Conduct for an agent Revision, Doubt sessions, sessional

Signature

TIME TABLE OF SANSKRIT

Session.
2024-25

	<u>Time</u>	<u>Days</u>	<u>Room</u>
A. Ist — (2 nd sem)	12:15-1:15	1-4	R-16
A. 2 ^{yr.} (4 th sem)	10:00-11:00	1-4	R-22
B. A. 3 rd yr. (6 th sem.)	11:00-12:00	1-4	R-22
	9:00-10:00	5-6	R-20
AEC 2 nd sem.	10:00-11:00	Friday-Saturday (5-6)	R-22
AEC 4 th sem.	11:00-12:00	Friday-Saturday (5-6)	R-18

Suman Kati

LESSON PLAN
CLASS-B.A 2ndSem,
Course Code B23-SKT-201


श्रीमद्भगवद्गीता स्वस्थवृत्तम् छंदशास्त्रं च

- 11th फरवरी -20th फरवरी --श्रीमद्भगवद्गीता
21st फरवरी-20thफरवरी-- श्रीमद्भगवद्गीता
1stमार्च- 8th मार्च-- श्रीमद्भगवद्गीता प्रश्नोत्तरी पुनरावृत्ति
9th मार्च -16th मार्च --Holi Break
17th मार्च 31st मार्च --चरक संहिता स्वस्थवृत्तम् सूत्र स्थान
1st अप्रैल 10th अप्रैल-- शब्द रूप
11th अप्रैल 20th अप्रैल --धातु रूप
21st अप्रैल 30th अप्रैल --अनुवाद कार्य
1stमई 15th मई --छंद लक्षण एवं सोदाहरण स्पष्टीकरण
16th मई 30thमई --अभ्यास एवं पुनरावृत्ति

LESSON PLAN
Class-B.A.,B.Sc.2nd sem AEC
Course Code-B23-AEC-132

संस्कृत भाषा एवं संप्रेषण-2

- 11th फरवरी 20th फरवरी -- कारक एवं विभक्ति , कर्ता,कर्म,करण परिभाषा एवं उदाहरण सहित
स्पष्टीकरण
21st फरवरी 28 फरवरी--कारक एवं विभक्ति ,संप्रदान,अपादान,संबंध परिभाषा एवं सोदाहरण
स्पष्टीकरण
1st मार्च 8th मार्च-- कारक एवं विभक्ति अधिकरण एवं समस्त कारक एवं विभक्ति का अभ्यास
9th मार्च 16th मार्च --HOLI BREAK
17th मार्च 31st मार्च-- ईशावास्योपनिषद् के मंत्र एवं पुनरावृत्ति
1st अप्रैल 10th अप्रैल --ईशावास्योपनिषद् के मंत्र एवं पुनरावृत्ति
11th अप्रैल 20th अप्रैल-- संस्कृत श्लोक
21st अप्रैल 30th अप्रैल --संस्कृत मंत्र
1stमई 15th संस्कृत में स्वयं का परिचय
16th मई 31st मई अभ्यास एवं पुनरावृत्ति


(Sanskrit)


LESSON PLAN
Class B.A 4th sem
Course Code=B23-SKT-401

महाकाव्यम्, उपन्यासः एवं शब्दप्रक्रिया

- 11 फरवरी-28 फरवरी- रघुवंशम् द्वितीय सर्ग
1 मार्च-8 मार्च-रघुवंशम् प्रश्नोत्तर एवं पुनरावृत्ति
9 मार्च -16 मार्च- HOLI BREAK
17 मार्च-31 मार्च- शिवराजविजय
13 अप्रैल-15 अप्रैल-शिवराजविजय, प्रश्नोत्तर एवं पुनरावृत्ति
16 अप्रैल-30 अप्रैल-अनुवाद एवं वाच्य परिवर्तन
1 मई-5 मई-णिजन्त एवं सनन्त रूप
6 मई -20 मई-तद्धित प्रत्यय एवं संज्ञा प्रकरण
21 मई-30 मई -अभ्यास एवं पुनरावृत्ति

LESSON PLAN
Class B.A.4th sem
COURSE CODE= B23-AEC-134
संस्कृत भाषा एवं संप्रेषण- 4

- 11th फरवरी-28 फरवरी संस्कृतस्वाध्यायः, प्रथम दीक्षा, वाक्य व्यवहारः, प्रथम स्तबकः 1-4, द्वितीय स्तबकः 1-3, वाक्य निर्माण
1 मार्च-31 मार्च-संस्कृतस्वाध्यायः, प्रथम दीक्षा, वाक्य व्यवहार, चतुर्थ स्तबक 1-4, कृत्वा, ल्यप, तुमुन प्रत्यय तथा तृतीय, चतुर्थी विभक्ति के आधार पर वाक्य निर्माण
1 अप्रैल से 30 अप्रैल-पंचम स्तबकः 1-3, पञ्चमी, षष्ठी, सप्तमी विभक्ति एवं संख्यावाची शब्दों के आधार पर वाक्य निर्माण।
1 मई से 20 मई- संस्कृतस्वाध्यायः, प्रथम दीक्षा, संभाषणम्, 1 से 10 अध्याय, दैनिक व्यवहार के वाक्य का प्रयोग।
21 मई से 30 मई-अभ्यास एवं पुनरावृत्ति


(Sanskrit)

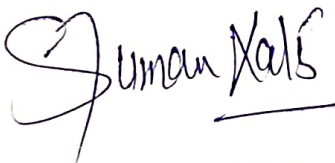
LESSON PLAN
कक्षा-B.A.6th sem

सत्र-2024-2025

विषय संस्कृत

पेपर- अभिज्ञानशाकुंतलम् एवं संस्कृत साहित्येतिहास

- 1st Jan.-10thJan. अभिज्ञानशाकुंतलम् पंचमअंक ,अनुवाद,संबंधित प्रश्न एवं अभ्यास
11thJan.-20thJan. अभिज्ञानशाकुंतलम् षष्ठ अंक ,अनुवाद,संबंधित प्रश्न एवं अभ्यास
21st Jan.-31stJan.अभिज्ञानशा.सप्तमअंक अनुवाद,संबंधित प्रश्न एवं अभ्यास
1st Feb.-15thFeb. कालिदास की कृतियों में जीवन दृष्टि, राष्ट्रीय भावना, प्रकृति चित्रण, अलंकार योजना एवं अभ्यास
16th Feb-28th Feb. संस्कृत साहित्य का इतिहास- वाल्मीकि, व्यास, भभभूति, अंबिकादत्तव्यास,भारवि,विष्णु शर्मा,भर्तृहरि,जयदेव
1stMarch- 8th March --स्त्रीप्रत्यय प्रकरण एवं अभ्यास
9thMarch-16thMarch - Holi Break
17th March-31st March --निबंध लेखन हेतु अनुवाद अभ्यास
1st April-15thApril -- संस्कृत निबंध
16th April-30th April ---समस्त पाठ्यक्रम की पुनरावृत्ति


(Sanskrit)

Govt. College, Gharaunda (Karnal)

Lesson Plan – B.com.Sem-04

Name of Teacher: Dr. Anju Bala

Subject: Income-Tax

Session: 2024-25

Date	Topic
10 th Feb. to 20 th Feb.	Deductions from Gross Total Income
21 st Feb. to 28 th Feb.	Rebate and Relief of tax, Advance payment of Tax, Recovery and Refund of Tax
1 st March to 10 th March	Assessment of HUF, Individuals, Firms
11 th March to 20 th March	-DO-
21 st March to 31 st March	Appeal and Revision, Income tax authority, Penalties
1 st April to 10 th April	Assessment procedures
11 th April to 20 th April	-DO-
21 st April to 30 th April	TDS
1 st May to 10 th May	Offences
11 th May to 20 th May	Return of Income
21 st May to 30 th May	-----REVISION-----

Anju Bala

Govt. College, Gharaunda (Karnal)

Lesson Plan – B.com.Sem-04

Name of Teacher: Dr. Anju Bala

Subject: Corporate accounting

Session: 2024-25

Date	Topic
10 th Feb. to 20 th Feb.	Valuation of Shares
21 st Feb. to 28 th Feb.	Valuation of Goodwill
1 st March to 10 th March	Issue of Debentures
11 th March to 20 th March	Revise above all three chapters
21 st March to 31 st March	Purchase of Own debentures, Valuation of debentures
1 st April to 10 th April	Account of Banking Companies
11 th April to 20 th April	Account of insurance companies
21 st April to 30 th April	Accounts of Holding companies
1 st May to 10 th May	Liquidation of Company
11 th May to 20 th May	Revision
21 st May to 30 th May	-----REVISION-----

Anju Bala

Lesson Plan 2025-26 (Even Semester)

(Jan. to April 2025) B.com. (Income Tax)-VI sem.

Faculty:- Dr. Anju Bala Department :- Commerce

Month	Jan.	Feb.	March	April
B.com. VI sem	Deductions from Gross total income, Rebate and Relief of tax, Advance payment of Tax, Recovery and Refund of Tax	Assessment of HUF, Individuals, Firms	Appeal and Revision, Income tax authority, Penalties, Offences	Assessment of Income tax

Anju Bala

Govt. College, Gharaunda (Karnal)

Lesson Plan – B.A.Sem-02 (SEC)

Name of Teacher: Mrs. Shaveta

Subject: Cloud Computing

Session: 2024-25

Date	Topic
10 th Feb. to 20 th Feb.	Basic Concepts of Cloud Computing Computer Network Basics
21 st Feb. to 28 th Feb.	Concepts of Distributed Systems. Concepts of Cloud Computing and its Necessity Cloud Service Providers in use and their Significance
1 st March to 10 th March	Cloud Service Providers in use and their Significance
11 th March to 20 th March	Cloud Infrastructure Cloud Pros and Cons. Cloud Delivery Models.
21 st March to 31 st March	Cloud Deployment Models.
1 st April to 10 th April	Cloud Storage Management Concept of Virtualization and Load Balancing
11 th April to 20 th April	Overview on Virtualization used for Enterprise Solutions. Key Challenges in managing Information.
21 st April to 30 th April	Identifying the problems of scale and management in big data.
1 st May to 10 th May	Building Cloud Networks Designing and Implementing a Data Center-Based Cloud Installing Open Source Cloud service. Amazon Web Services (AWS). Google Cloud Platform.
11 th May to 20 th May	Amazon Web Services (AWS). Google Cloud Platform.
21 st May to 30 th May	-----REVISION-----

Shaveta
(SEC - Computer Sc.)

Lesson Plan 2025-26 (Even Semester)

(Jan. to April 2025) Chemistry-VI sem.

Faculty:- Ms. Monika Department :-Chemistry

Month	Jan.	Feb.	March	April
B.Sc VI sem	Organic Chemistry Section A: Heterocyclic Compounds I Sector B: Heterocyclic Compounds II and organosulfur Compounds	Physical Chemistry Electronic Spectrum, Photochemistry Inorganic Chemistry Section A: Organometallic Compounds	Organic Chemistry Section C: Organic Synthesis via Enolates and Synthetic Polymers Section D: Amino acids, peptides and proteins	Inorganic Chemistry Section B: Acid and bases C: Bioinorganic chemistry Section D: Silicones and phosphazene

Monika

(Feb. to May 2025) Chemistry-B.Sc II Sem (Major & Minor)

Department :- Chemistry

How to

		metallic bond (conductors, semiconductors, insulators)		isomerism. Determination of configuration of geometric isomers.
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Lesson Plan 2025-26 (Even Semester)
(Feb. to May 2025) Chemistry-B.Sc IV Sem (Major & Minor)

Faculty:- Ms. Monika Department :-Chemistry

Month	Feb.	March	April	May
BSc -IV sem (Major/Minor)	<p>Chemistry of d-Block: elements Definition of transition elements. General characteristic properties of d-Block elements, Comparison of ionic radii 3d, 4d and 5d series elements, magnetic properties, Stability of various oxidation states and Latimer and Frost diagrams, Structure of some compounds of transition elements- TiO_2, VOCl_2, FeCl_3, CuCl_2 and $\text{Ni}(\text{CO})_4$.</p> <p>Chemistry of f-Block elements: Lanthanide contraction, oxidation states, magnetic properties, complex formation, colour and ionic radii. Actinides: General characteristics of actinides, Transuranic elements, comparison of properties of Lanthanides and actinides with transition elements.</p>	<p>Theory of Qualitative and Quantitative Analysis: Chemistry of analysis of various groups of basic and acidic radicals, chemistry of identification of acid radicals in typical combination, common ion effect, solubility product, theory of precipitation, co-precipitation, post precipitation, purification of precipitates.</p> <p>Alcohols: Monohyric alcohols: nomenclature, methods of formation by reduction of aldehydes, ketones, carboxylic acids, and esters. Hydrogen bonding, Acidic nature, Reactions of alcohols.</p>	<p>Thermodynamics-I: First law of thermodynamics: statement, concepts of internal energy and enthalpy. Heat capacity, heat capacities at constant volume and pressure and their relationship. Joule-Thomson coefficient for ideal gas and real gas and inversion temperature. Calculation of w, q, ΔU & ΔH for the expansion of ideal gases under isothermal and adiabatic conditions for reversible process. Second law of thermodynamics, Carnot cycles and its efficiency, Concept of entropy, entropy as a function of V & T, entropy as a function of P & T.</p> <p>Chemical Equilibrium: Concept of Equilibrium constant, Temperature dependence of equilibrium constant, Clausius-Clapeyron equation and its applications.</p>	<p>Phenols: Nomenclature, structure, and bonding. Preparation: Cumene hydroperoxide method, from diazonium salts, physical properties, and acidic character. Chemical Reactions: — electrophilic aromatic substitution. Mechanisms of Fries rearrangement, Claisen rearrangement, Reimer-Tiemann reaction, Kolbe's reaction.</p> <p>Aldehydes and Ketones: Nomenclature and structure of the carbonyl group. Preparation: oxidation of alcohols, from acid chlorides and from nitriles. Comparison of reactivities of aldehydes and ketones. Mechanism of nucleophilic additions to carbonyl group: benzoin, aldol, Perkin and Knoevenagel condensations. Condensation with ammonia and its derivatives. Wittig reaction. Mannich reaction, Baeyer-Villiger oxidation of ketones, Cannizzaro reaction, MPV, Clemmensen and Wolff-Kishner reductions.</p>

Monika