

VAISH COLLEGE, BHIWANI
LESSON PLAN PERFORMA

Name of Assistant/Associate Professor Dr. Sarita Goyal
 Paper with Code English Class BCC-1 Session 2022-23
Item

Month	Name of Topic
July	
August	
September	Intro to the syllabus + Paper Pattern. Unit-1 → Noun • Adjective • Verb patterns • Adverb • Pronoun • Verb • Common errors.
October	Unit-II, Concepts of listening & speaking; • Barriers to listening; • Academic listening • Conversational English
November	Unit-III & IV Speech and its types, Dialogue writing in various situations; Audience Analysis; Public speech - welcome, introductory, farewell, vote of thanks speech
December ✓	Practice of all the topics, Class tests & Revision.
January	
February	
March	
April	
May	
June	

B.C.C-1, Item

Sarita

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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor Dr. Sarita Bopar

Paper with Code English Class BA-III Session 2022-23

Month	Name of Topic
	Books: - " <u>Kanthapura</u> " " <u>The Merchant of Venice</u> "
July	
August	
Sem V September →	<ul style="list-style-type: none"> • Introduction to the Novel; Intro to story writing; • "Kanthapura" • Text of ch. - I to III • Defining & Non-Defining clauses.
October	<ul style="list-style-type: none"> • Text explanation ch. IV - VII with ques/Answers. • Paragraph writing: Conditional clauses.
November	<ul style="list-style-type: none"> • ch. VIII - X • Precise writing • Revision up to ch. VI.
December	<ul style="list-style-type: none"> • Text of ch. XI - XV with ques/Answers • Conversion of sentences. • Revision of ch. VII - X.
January	<ul style="list-style-type: none"> • Text of ch. XVI - XIX with ques/Answers • Literary terms; Comprehension passages. • Revision of all the chapters
February	<ul style="list-style-type: none"> • Revision & Exams. of syllabus
Sem VI March →	<ul style="list-style-type: none"> • Characters & situations Introduction of the play; • text & explanation with Q/Ans. of Act I
April	<ul style="list-style-type: none"> • Text explanation of Acts II & III with Ques/Ans. • Practice of official letter writing
May	<ul style="list-style-type: none"> • Text explanation of Acts IV & V with Ques/Ans. • Vocabulary practice; Precise writing & summarising.
June	<ul style="list-style-type: none"> • Revision of syllabus • Practice for exams.

Sarita

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Name of Assistant/Associate Professor Dr Sarita Goyal
 Paper with Code English Class B.A. II yr. Session 2022-23

Month	Name of Topic
July	(Book) - 3rd Sem → Language & Literature III " 4th " → do IV
August	
September	Unit I - Ch. 1 The modest Millionaire; ch. 2 - A Cup of Tea; Ch. 3 The mother with Exs. Unit - IV The Literary Devices - Practice.
October	Unit II Ch. 4 The Gift of Magi + Exs. Poem 1 - All the world is a stage + Exs. 2 - mending wall + Exs.
November	3. La Belle Dame Sans Merci + Exs. 4. Refugee + Exs. Vocabulary Practices.
December	(i) Editing of Passages; (ii) Grammar - Practices (iii) Fill in the Blanks;
January	(iv) Words/Phrases/Sentences Arrangements. (v) Vocabulary - Antonyms & Synonyms. (vi) Revision of chapters & poems.
February	Revision & Exams.
March	Unit - I - 1. The Goldwatch; 2. A Client; 3. Karma; 4. The Upper Division Lane with Exs. (i) Transcription of words.
April	Unit - II Poems - 1. Sonnet XVIII. 2. Know Thyself; 3. The world is too... 4. The Bangle Sellers - Exs. (i) Phonetic Transcriptions.
May	Unit - III - . Poems; . Unseen Passages; . Translation; (ii) Revision of the syllabus.
June	Revision + Exams.


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Name of Assistant/Associate Professor Dr. Sonita Goyal
 Paper with Code English Class B.A 1 Session 2022-23
48.

Month	Name of Topic	Details
July		
August	"Language & Literature I" "Communicative English"	Paper I Paper II Sem I
September	Ch-1 The Homecoming + Exs. Practice Tenses, Voice.	Intro to syllabus + Paper Pattern; Parts of speech; common errors; Basic Grammatical concepts.
✓	Ch-2 Playing the Eng. Gentleman	Concepts of listening / speaking;
October	Ch-3 The Prospects of Dema... + Exs. Ch-4 Sandra Nooyi ... + Exs.	Conversational Practices English
November	Poems 1 - The village schoolmaster & Exs. 2 of + exs. 3 My Grandmother's House + Exs.	Speech & oration; Conversational English Practices
December	Articles & Question Tags para writing. Vocabulary Practice	Public Speaking - speeches of diff. types; Revision & class Tests.
January	Email & letter writing Revision of complete syllabi Examinations ↓ Examinations.	→ "Translation Studies" II Sem
February		Intro to syllabus + exam pattern; Types of Translation; Translator's invisibility. - Unit-I
Sem II	Ch-1 Three Questions + Exs., Verb Patterns; (subverb Aggr. ment) Facing the Interview, Resume writing.	Process of Translation; Unit-II Basic concepts / Terms of Translation
March	Ch-2 The Chicago Speech + Exs. Ch-3 Work Brings Solace + Exs. Poem - money madness + Exs.	Unit-III Translation as Rewriting; Self Translation, Transcreation; Registers of Translation.
April	Introductory There + Exs. Adverb clauses Ch-IV Why is the sea blue? + Exs. Poems "Where..." & "Leisure" + Exs.	Translation of short stories / poems / passages / text; Revision.
May		
June	Revision & Exams. Syllabus	Exams.

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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor DR. ANSU RAJAN

Paper with Code _____ Class B.A. Session 2022-23
5th and 6th sem.

Sem V

Month	Name of Topic	
July		
August		
September	Introduction to the Novel 'Kanthapura' Text from ch. I to ch. III	Introduction to story writing Defining and Non Defining clauses
October	Text and Explanation of the Novel from ch. IV to ch. VI with Question/Answers	Paragraph writing Conditional clauses
November	Chapter VII to IX (Text) with Question/Answers	Poems writing with Practice
December	Text of ch. X to XIV with Question/Answers	Conversion of sentences
January	Text and Discussion of Ch. XV to XIX with Question/Answers	Practice of comprehension passages - Literary Terms
February	Revision of <u>syllabus</u>	
March	Introduction to the play 'The Merchant of Venice', its characters Analysis	Text and Explanation of Act I with Exercise
April	Text Explanation of Act II and Act III with Question/Answers	Practice of official letter writing
May	Text Explanation of Act IV and Act V with Question/Answers	Important One word substitution (Practice) Poems writing, summarizing
June	Revision of <u>syllabus</u>	

Sem VI


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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor DR- ANSU RAJAN
 Paper with Code Language and Literature Class B.A. Ist and 2nd Sem Session 2022-23

Month	Name of Topic
July	
August	
September 31/9/22	Introduction to the syllabus Text of Ch. I - 'The Home Coming' with Q/A, Exercise
October	Ch. II - 'Playing the English Gentleman' Ch. III - 'Prospects of Democracy in India'
November	Ch. IV - 'Indira Nooyi - A corporate Giant' with Q/A, Exercise
December	Explanation and Q/A of the poem 'The Village Schoolmaster' and 'If'
January	Explanation of the poem 'My Grand Mother's House' with board questions
February	Practice of Email writing and letter writing with revision of the syllabus
18 th March 2023	Language and Literature - II Introduction to the syllabus Poetic Pattern, Ch. I 'The Three Questions'
April	Text and Exercise of, Ch. II 'Chicago Speech' Ch. III 'Work Brings Solace'
May	Text and question practice of, Ch. IV 'Why is the Sea Blue?' Poems - 'Money Madmen', 'where the Mind is - Leisure'
June	Grammar Practice / Revision of the syllabus

Sem I

Sem II

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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor DR. ANJU RAJAN

Paper with Code Communicative English and Translation Studies Class B. A. Session 2022-23
1st and 2nd Sem

Month	Name of Topic
July	
August	
September 2022	<u>Communicative English</u> Introduction to <u>Syllabus</u> Parts of speech, Basic Grammatical concepts, <u>Conjunctions</u> <u>Errors</u>
October	Concept of Listening and Speaking with Examples <u>Conversational English</u> with Practice in the class
November	Speech and Oratorical with Practice in the class <u>Conversational English (Practice)</u>
December	Public Speaking - Introduction, Its Practice, Text, Discussion, and Revision.
January	
February 2023	<u>Translation Studies</u> Introduction to the syllabus Concept and Types of Translation, Translator's Invisibility, <u>Registers of Translation</u>
March	UNIT II - Basic concepts and Terms of Translation, Process of Translation
April	UNIT III - Translation as Rewriting, Self-Translation, Translation and Transcreation
May	UNIT IV - Translation of short stories, Poems, Paragraphs with examples, Text and Revision
June	

2nd Sem.


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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor DR. ANJU RAJAR
 Paper with Code Language and Literature III Class B.A. Session 2022-23
IV 3rd and 4th sem

Sem. III

Month	Name of Topic
July	
August	
September	Story 1 - 'The Gift of Magg' Story 2 - 'A Cup of Tea' Exp., Q/A, Exercise Literary Devices Poetic forms
October	Story 3 - 'The Mother' Story 4 - 'The Model Millionaire' Exp., Q/A, Exercise Editing of passages Fill in the Blanks
November	Poem 1 - 'All the World is a Stage' Poem 2 - 'Mending Wall' Exp., Q/A, Exercise correction of detected sections
December	Poem 3 - 'La Bella Dame Saws Mercy' Poem 4 - 'Refugee Mother and Child' Exp., Q/A, Exercise Phrases and Sentences
January	Vocabulary - Antonyms and Synonyms Arrangements of Jumbled words
February	Revision / Exams
March	Introduction to the syllabus Story 1 - 'The Gold watch' Story 2 - 'A Client' Phonetic Transcription Basic Phonetics
April	Story 3 - 'Karma' Story 4 - 'Upper Division Love' Precise writing (Practical) Comprehension of unseen passages
May	Poem - Sonnet XVIII Poem - 'Know Thyself' Poem - 'The World is Too Much With Us' Poem - 'The Bangle Sellers' Translation
June	Revision / Exams

Sem. IV

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Name of Assistant/Associate Professor Dr. Punam Verma

Paper with Code English Class B.A I Sem Session 2022-23

Month	Name of Topic
	<u>Language and literature I</u>
July	
✓ August	
✓ Sem-I September	Introduction to the Syllabus Practice of Ch-I - The Homecoming Tenses. + Exercise + Question/Ans
October	Ch-II Playing the English Gentleman Ch-III Prospectus of Democracy of India + Exercise Change the voice with practice.
November	Ch-IV Indira Nooyl - A Corporate Giant + Exercise Practice of Modals and Prepositions
December	Explanation of the Poem Practice of clauses The village + Exercise Articles and If + Exercise Question Tag.
January	Explanation of the Poem My Grandmother's house + Exercise Vocabulary + Paragraph writing.
February	Practice of Email writing and Letter writing Revision of the syllabus Exams
Sem II March	Language and Lit II Ch-I Three questions + Exercise, Verb Pattern Facing the Interview, Resume writing
April	Ch-II Chicago speech + Exercise - Poem - Money Ch-III words Brings Solace Madness Introductory 'There' + Adverb + Clauses
May	Ch-IV Why is the Sea Blue + Exercise Poem - where the mind is without fear + Exercise Grammar - Agreement of Sub + Verbs.
June	Revision + Exams


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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor Dr. Punam Verma

Paper with Code Communicative English Class B.A I Session 2022-23
and Translation studies II Sem

Month	Name of Topic
July	
August	
September	<u>Communicative English</u> Introduction to the syllabus + Paper Pattern, Parts of speech, Basic Grammatical concepts Sentences of Common Errors.
October	Concepts of listening and speaking with examples, conversational English practice in the class.
November	speech and oration with practice conversational English practice.
December	Public speaking - Introduction, its practice; Test, Discussion and Revision
January	
2nd Sem February	<u>Translation studies</u> Introduction to the syllabus Concepts, Types of Trans (lation), Translation invisibility Different registers of Translation
March	unit-II Basic concepts and terms of Translation Process of Translation.
April	unit III Translation as Rewriting, self- Translation, Translation and Trans creation.
May	Translation of short-stories, poems, Passages with example, Test and Revision
June	Examination


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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor Dr. Purnam Vame

Paper with Code English Class B.Com I Session 2022-2023
Sem I

Month	Name of Topic
July	
August	
September	<u>Communicative English</u> Unit-I Parts of Speech - Noun, Pronoun, adjective Verb, adverbs and common errors.
October	Unit-II Verb Patterns, listening and speaking conversational English.
November	Speech and oration Unit-III conversational Practices in various situations.
December	Unit-IV Public speaking - welcome speech Vote of thanks speech, Farewell speech
January	Audience Analysis, Introductory speech revision unit I
February	Revision unit II, III and IV
March	
April	
May	
June	

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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor Dr. Punam Verma

Paper with Code English Class B.A II Session 2022-23
Sem, 3 and 4

Month	Name of Topic
July	
August	<u>(Language and Literature III)</u>
3rd Sem September	Unit-I chapter- The Model Millionaire, A cup of tea The Mother with exercises. Literary Devices (unit-4)
October	Unit I - The Gift of Magi + exercise Unit II - Poem - All the world is a stage + exercise Poem - Mending wall + exercise
November	Poem - la Bella Dame sans Merci + exercise Refugee mother and child + exercise Vocabulary
December	Editing of passages, Fill in the blanks, words Phrases and sentences, Arrangements, Grammar.
January	vocabulary and Antonym and Synonyms Revision of the chapters and the Poem
✓ February	Revision + Exams <u>(Language and Literature IV)</u>
4th Sem March	Unit I The Gold watch, A Client, Karma, Ch- upper division love - with exercises. Transcription of words
April	Unit-II Poem - Sonnet XVIII, Know-than-thyself The world is too much with us, The Bangle Sellers + exercises. Phonetics Transcriptions
May	Unit-IV Precise, Unseen Passage → Comprehension Translation, Revision of the chapters and the Poems
✓ June	Revision and exam


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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor Dr. Puram Verma

Paper with Code English Class B.A. Session 2022-23
5th/6th Sem.

Sem V

Month	Name of Topic
July	
August	
September	Introduction to the Novel 'Kanthapura' Text of the Novel from ch. I to III
October	Text explanation of the Novel from ch. IV to ch. VI with Ques/Ans.
November	Chapter VII to IX (Text) with ques/Answers
December	Text of ch. X to XIV with Ques/Ans based on it.
January	Text and Discussion of ch. XV to XIX with ques/Ans
February	Revision of Syllabus for Examination.
March	Introduction to the Play 'The Merchant of Venice' character Analysis
April	Text Explanation of Act II and Act III with question writing
May	Text Explanation of Vocabulary, Act IV and Act V with ques/Answers.
June	Revision of Syllabus and tips for Answer writing for Examination.

Introduction to Stray Defining and Non-Defining clauses.

Paragraph writing conditional clauses

Precise writing with Practice

conversion of sentences

Practice of comprehension literary Terms

Text and Explanation of Act I with Practice of question/Answers

Practice of official letter writing

Precise writing and summarising.

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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor-----Dhiraj Trikha-----
Paper with Code-----ENGLISH-----Class-----B.A. III-----Session-----2022-23-----

Month	Books: 5 th Sem-Kanthapura 6 th Sem- The Merchant of Venice
	SEMESTER-V
July	
August	
September	Introduction of Kanthapura, Text from Ch.1-III Introduction to Story-Writing, Defining and Non-defining Clauses.
October	Text from Ch. IV-VII, Explanation & Q/A, Paragraph Writing, Conditional Clauses
November	Text from Ch. VIII-X Explanation & Q/A, Precis, Character Analysis
December	Text from Ch. XI-XV Explanation & Q/A, Conversion of Sentences, Revision of Ch. VII-X
January	Text from Ch. XVI-XIX Explanation & Q/A,, Literary Terms, Revision of Syllabus Practice of Official Writing, Explanation & Q/A, of Act I
	SEMESTER-VI
February	Revision & Exams and Syllabus.
March	Text of Act-1with Explanation & Q/A, Character Analysis. Text of Act-II-III, Official Letter Writing, Imp. Q/A discussions; Ref. To Context.
April	Text of Ch. IV&V, Character Analysis, Vocabulary with Revision tests, Revision of All Acts.
May	Text of Act-1with Explanation & Q/A, Precis Writing & Summarising.
June	Revision tests, Revision of All Acts.


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Name of Assistant/Associate Professor-----Dhiraj Trikha-----
Paper with Code-----ENGLISH-----Class-----B.A. II-----Session-----2022-23-----

Month	Books: Literature & Language-III & IV
	SEMESTER-III
July	
August	
September	UNIT-I The Model Millionaire, Ch.2- A Cup of Tea; Ch. 3- The Mother- Exercises. UNIT-IV- The Literary Devices- Exercises.
October	Ch.4- The Gift of Magi- Exercises. Poems : All the World is a Stage- Exercises. Mending Wall- Exercises.
November	Poems: La Bella Dame Sans Merci- Exercises. Refugee- Exercises., Vocabulary Practice.
December	Editing of Passages; Grammar-Practice, Fill in the blanks; Words/Phrases/Sentence Arrangements.
January	Vocabulary-Antonyms & Synonyms. Revision of Chapters & Poems.
February	Revision & Exams.
	SEMESTER-IV
March	UNIT-I- The Gold watch, A Client, Karma, The upper division love- Exercises. Transcription of Words.
April	UNIT-II- Poems:- Sonnet XVIII, Know the Thyself, The World is Too Much with Us, The Bangle Sellers- Exercises. Transcription of Words.
May	UNIT-III Précis, Unseen Passages, Translation, Comprehension Passages, Revision of the Syllabus
June	Revision & Exams


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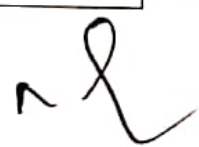
VAISH COLLEGE, BHIWANI

LESSON PLAN PERFORMA

Name of Assistant/Associate Professor-----Dhiraj Trikha-----
 Paper with Code-----ENGLISH-----Class-----B.A. I-----Session-----2022-23-----

Month	Books: Literature & Language-I Semester –II Paper-II Communicative English
SEMESTER-I	
September	Paper-1 Ch.I-The Home Coming – Exercises. Practice, Tenses, Voice Ch. II- Playing the English Gentleman-Exercises. Paper-II Intro. To Syllabus & Paper Pattern; Parts of Speech; Common Errors; Basic grammatical Concepts.
October (1st Paper)	Ch.III-Prospects of Democracy in India – Exercises. Ch. IV- Indira Nooyi.– Exercises. Modals, Prepositions. Concept of Listening/Speaking. Conversational Practice as English.
November	Poems ; i) The Village Schoolmaster– Exercises. ii) – If-Exercises. iii) – My Grandma’s House Texts. -Exercises. Speech & Oration; Conversational English Practice.
December	Articles & Question Tags, Para Writing, Vocabulary Practice. Public Speaking-Speeches of diff. Types; Revision of class tests
January	E-mail, Letter-Writing; Revision of Complete Syllabus.
February	Examinations: Paper-II Intro. To Syllabus & Paper Pattern; Types of Translation UNIT-1 Translators Invisibility
SEMESTER-II	
March	Ch.-1The Three Questions texts. Verb Patterns,(Sub/verb Agreement) Facing the Interview, Resume Writing, UNIT-I- Process of Translation; Basic Concepts/terms of Translation
April	Ch. II- Chicago Speech – Exercises. Ch. -III-Work Brings Solace– Exercises. Money Madness– Exercises. UNI- III- Translation as Rewriting; Self—Translation Tran creation; Registers of Translation.
May	Introductory ‘There’ – Exercises. Adverb Clauses Ch. -IV- Why is the Sea Blue– Exercises. Poems- ‘Where is....’& Leisure’– Exercises Translation of Short- Stories, Poems and Passages. Test & Revision.
June	Revision & Exams. Syllabus. Exams.


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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor Vandana Vats

Paper with Code English Class B.A Session 2022-23

5th/6th Sem.

Sem V

Sem VI

Month	Name of Topic
July	
August	
September	Introduction to the Novel 'Kanthapura' Introduction to Story Writing Text of the Novel from ch. I to ch. III Defining and Non-Defining clauses
October	Text Explanation of the Novel Paragraph Writing from ch. IV to ch. VI with Question/Answers Conditional clauses
November	Chapter VII to IX (Text) Precise Writing with Practice with Question/Answers
December	Text of ch. X to XIV Conversion of Sentences with Question/Answers based on it.
January	Text and Discussion of Practice of Comprehension Ch. XV to XIX with Question/Answers Literary Terms
February	Revision of Syllabus for Examination
March	Introduction to the Play Text and Explanation of 'The Merchant of Venice' Act I with Practice of Character Analysis Question/Answers
April	Text Explanation of Practice of Official Letter Act II and Act III with Question Writing Writing
May	Text Explanation of Vocabulary Precise Writing and Act IV and Act V Summarizing with Question/Answer
June	Revision of Syllabus and tips for Answer Writing for Examination.

Vats

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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor Vandana K B

Paper with Code Communicative English Class B.Sc Ist Session 2022-23

Month	Name of Topic
July	
August	
September	Introduction to syllabus and paper pattern Unit I Parts of Speech: Nouns, Pronouns, Adjectives, Verbs, Adverb, Conjunction, Interjection, Verb pattern, Common errors.
October	Unit II Introduction to concepts of listening, speaking, <u>Practi</u> <u>Barrier</u> listening, Academic listening, Conversational English
November	Unit III And IV: Introduction to speech, Dialogue Writing in various situations with practice in class-room. Public speech - welcome speech, note of thanks etc.
December	Writing practice of all topics as per paper pattern Revision Tests before Examination.
January	
February	
March	
April	
May	
June	

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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor-----Surender Singh-----

Paper with Code-----ENGLISH-----Class-----B.A. III-----Session-----2022-23-----

Month	Books: 5 th Sem-Kanthapura 6 th Sem- The Merchant of Venice
	SEMESTER-V
July	
August	
September	Introduction of Kanthapura, Text from Ch.1-III Introduction to Story-Writing, Defining and Non-defining Clauses.
October	Text from Ch. IV-VII, Explanation & Q/A, Paragraph Writing, Conditional Clauses
November	Text from Ch. VIII-X Explanation & Q/A, Precis, Character Analysis
December	Text from Ch. XI-XV Explanation & Q/A, Conversion of Sentences, Revision of Ch. VII-X
January	Text from Ch. XVI-XIX Explanation & Q/A,, Literary Terms, Revision of Syllabus Practice of Official Writing, Explanation & Q/A, of Act I
	SEMESTER-VI
February	Revision & Exams and Syllabus.
March	Text of Act-1with Explanation & Q/A, Character Analysis. Text of Act-II-III, Official Letter Writing, Imp. Q/A discussions; Ref. To Context.
April	Text of Ch. IV&V, Character Analysis, Vocabulary with Revision tests, Revision of All Acts.
May	Text of Act-1with Explanation & Q/A, Precis Writing & Summarising.
June	Revision tests, Revision of All Acts.

Surender Singh

Surender Singh
Principal,
Vaishi College,
BHIWANI

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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor Vandana BKS

Paper with Code _____ Class B.A 1 sem Session 2022-23

Language And literature I

Sem I

Month	Name of Topic
July	
August	
September	<p><u>Language and Lit. I</u></p> <p>Introduction to the syllabus Text of Ch-I (The Haveling) with question/Answers</p> <p>Introduction and Practice of Tenses</p>
October	<p>Text of Ch-II (Playing the English Gentleman) with Practice</p> <p>Text of Ch-III (Prospects of Democracy in India)</p> <p>Change the voice</p>
November	<p>Text of Ch-IV (Indira Nooyi - A Corporate Giant) with Practice Questions</p> <p>Modals, Prepositions</p>
December	<p>Explanation of the Poem 'The Village School Master' and 'If' with Practice questions</p> <p>Grammar Practice of Articles, Clauses and Question Tags</p>
January	<p>Explanation of the Poem 'My Grandmother's House' with Practice Questions</p> <p>Vocabulary, Paragraph Writing</p>
February	<p>EXAM. Practice of Email Writing and Letter Writing with revision of the entire syllabus</p>
18th March, 2023	<p><u>Language and Lit. II</u></p> <p>Introduction to the syllabus Pattern Pattern. Ch-I (The Three Questions with Ex.)</p> <p>Facing the Interview Resume Writing</p>
April	<p>Text and Question Practice of Ch-II 'Chicago speech' Ch-III 'Work Brings Solace' with Ex.</p> <p>Presentation Skills 'Madness'</p> <p>Adverbs, Introductory 'There'</p>
May	<p>Text and Question Practice of Ch-IV 'Why is the Sea Blue?' with Ex.</p> <p>Agreement of Subjunctive and verb, 'where the Mind is without Fear', 'Euseb'</p>
June	<p>EXAMS. + Vacations</p> <p>Explanation of the Poems and Grammar Practice with Revision.</p>

Sem II

MB

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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor Vandana RB

Paper with Code Communicative Eng Class B.A. I Session 2022-23
and Translation Studies and 2nd Sem.

Month	Name of Topic
July	
August	
September	<u>Communicative English</u> Introduction to Syllabus & Paper pattern, Parts of speech, Basic Grammatical concepts Common Errors.
October	Concepts of Listening and Speaking with Examples Conversational English with Practice in the class.
November	Speech and Oration with Practice in the class. Conversational English (Practice)
December	Public Speaking - Introduction, 15 practice, Text, Discussion and Revision.
January	
February	Translation Studies: Introduction to the Syllabus, Concepts, Types of Translation, Translator's Visibility, Different Equivocalities of Translation.
March	<u>Unit-II</u> Basic Concepts and Terms of Translation, Process of Translation.
April	<u>Unit-III</u> Translation as Rewriting, Self Translation, Translation and Transcreation.
May	Translation of short stories, poems, paragraphs with examples, Text and Revision.
June	Examination.

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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor _____

Paper with Code English Class B.A. 2nd Session 2022-23
4th Sem.

3rd Sem.

Month	Name of Topic
July	
August	
September	<u>Language and Literature III</u> Introduction to Syllabus with paper pattern with examples <u>Unit I</u> . The Model Millionaire, A Cup of Tea, The Mother with Exercise Questions. 'Literary Devices'
October	The Gift of Magi with explanation and exercise <u>Unit II</u> Poem - 'All the World is a Stage', 'Mending Wall' with question answers and explanation
November	Poem - 'La Bella Dame Sans Merci', 'Refugee', 'Mother and Child' with explanation, vocabulary, and exercise
December	Editing of Passages, Fill in the Blanks, Words, Phrases and Sentences, Arrangements, Grammar topics
January	Vocabulary: - Synonyms, Antonyms. Revision of Syllabus with Practice Tests.
February	Revision, Doubt sessions, Practice Tests before Examination
March	<u>Language and Literature - IV</u> Introduction to Syllabus of paper pattern <u>Unit I</u> The Gold Watch, A Client, Karma, Upper Division Love with Exercise, Transcription of Words
April	<u>Unit II</u> Poem - Sonnet XVIII, Know Then Thyself The World is too Much With Us, 'The Bangle Seller' with explanation and exercise, Phonetic Transcription
May	<u>Unit - IV</u> Precis, Unseen passages, comprehension Translation, Revision, Practice Tests
June	Revision with class tests before the Exam.

1st Sem.

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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor _____

Paper with Code English Class BA 3rd Session 2021-22
and Uth Sem.

Month	Name of Topic
July	
August	
September	
<u>3rd Sem</u> October	Introduction to the Syllabus and paper pattern. Ch. I <u>Poetic Devices.</u>
November	Poem 2 - Sonnet XVIII Poem 3 - Know Then Thyself with Exercise
December	Poem 4. Elegy Written in a Country Churchyard Poem 5. The World is Too Much with Us Poem 6 Ode on a Grecian Urn (Voc. + Explanations)
January	Poem 7 My Last Duchess (Voc + Exercise + Explanation) Poem 8 When You are Old Poem 9 Where the Mind is without Fear
February	Poem 10 The Bangle Seller + Ex. Non-finites + Voc. + Clauses, Poem 11. Another Woman + Ex. Conditionals, Essay Writing, verb pattern, Phrasal verb etc.
March	Revision of the Syllabus before Exam <u>Centre-Stage</u>
<u>Sem. IV</u> April	Introduction to the one Act Plays - Practice of Speech sounds Ch. I - The Envy with Explanation + ex. question/Answers Ch. II The Swin Song with Question Answer Practice
May	Ch. III The Monkey's Paw with explanation exercise Ch. IV Before Breakfast with explanation and exercise Ch. V The Sleepwalker - do -
June	Translation, Precis Writing, Email Writing, Resume Writing, Book Reviews, Retranslation, Grammar Revision Tests before Exam.

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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor-----Surender Singh-----
Paper with Code-----ENGLISH-----Class-----B.A. II-----Session-----2022-23-----

Month	Books: Literature & Language-III & IV
	SEMESTER-III
July	
August	
September	UNIT-I The Model Millionaire, Ch.2- A Cup of Tea; Ch. 3- The Mother- Exercises. UNIT-IV- The Literary Devices- Exercises.
October	Ch.4- The Gift of Magi- Exercises. Poems : All the World is a Stage- Exercises. Mending Wall- Exercises.
November	Poems: La Bella Dame Sans Merci- Exercises. Refugee- Exercises., Vocabulary Practice.
December	Editing of Passages; Grammar-Practice, Fill in the blanks; Words/Phrases/Sentence Arrangements.
January	Vocabulary-Antonyms & Synonyms. Revision of Chapters & Poems.
February	Revision & Exams.
	SEMESTER-IV
March	UNIT-!- The Gold watch, A Client, Karma, The upper division love- Exercises. Transcription of Words.
April	UNIT-II- Poems:- Sonnet XVIII, Know the Thyself, The World is Too Much with Us, The Bangle Sellers- Exercises. Transcription of Words.
May	UNIT-III Précis, Unseen Passages, Translation, Comprehension Passages, Revision of the Syllabus
June	Revision & Exams

Surender Singh

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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor-----Surender Singh-----
 Paper with Code-----ENGLISH-----Class-----B.A. I-----Session-----2022-23-----

Month	Books: Literature & Language-I Semester –II Paper-II Communicative English
SEMESTER-I	
September	Paper-1 Ch.I-The Home Coming – Exercises. Practice, Tenses, Voice Ch. II- Playing the English Gentleman-Exercises. Paper-II Intro. To Syllabus & Paper Pattern; Parts of Speech; Common Errors; Basic grammatical Concepts.
October (1st Paper)	Ch.III-Prospects of Democracy in India – Exercises. Ch. IV- Indira Nooyi.– Exercises. Modals, Prepositions. Concept of Listening/Speaking. Conversational Practice as English.
November	Poems ; i) The Village Schoolmaster– Exercises. ii) – If-Exercises. iii) – My Grandma’s House Texts. -Exercises. Speech & Oration; Conversational English Practice.
December	Articles & Question Tags, Para Writing, Vocabulary Practice. Public Speaking-Speeches of diff. Types; Revision of class tests
January	E-mail, Letter-Writing; Revision of Complete Syllabus.
February	Examinations: Paper-II Intro. To Syllabus & Paper Pattern; Types of Translation UNIT-1 Translators Invisibility
SEMESTER-II	
March	Ch.-1The Three Questions texts. Verb Patterns,(Sub/verb Agreement) Facing the Interview, Resume Writing, UNIT-I- Process of Translation; Basic Concepts/terms of Translation
April	Ch. II- Chicago Speech – Exercises. Ch. -III-Work Brings Solace– Exercises. Money Madness– Exercises. UNI- III- Translation as Rewriting; Self–Translation Tran creation; Registers of Translation.
May	Introductory ‘There’ – Exercises. Adverb Clauses Ch. -IV- Why is the Sea Blue– Exercises. Poems- ‘Where is....’& Leisure’– Exercises. Translation of Short- Stories, Poems and Passages. Test & Revision.
June	Revision & Exams. Syllabus. Exams.

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VAISH COLLEGE, BHIWANI
LESSON PLAN PERFORMA

Name of Assistant/Associate Professor Dr. Asha Rani

Paper with Code : HND -101 साहित्य की समझ and HND -हिंदी उपन्यास

Class M.A. Hindi 1st and 2nd Sem Session 2022-23

Month	Name of Topic
July	
August	
September	भाषा और उसका सृजनात्मक रूप, साहित्य की परिभाषा और स्वरूप, साहित्य का प्रयोजन
October	साहित्य की प्रेरणा साहित्य और संस्कृति, साहित्य और समाज, साहित्य और दर्शन, साहित्य प्रकृति साहित्य और इतिहास ,
November	साहित्य और कलाएं, साहित्य लोक साहित्य, हिन्दी साहित्येतिहास
December	छंद : परिभाषा और भेद बिंम : परिभाषा और भेद
January	अलंकार : परिभाषा और भेद
February	University Exam
March	हिंदी उपन्यास की अवधारणा उद्भव और विकास। प्रेमचंद युगीन उपन्यास और भारतीय परिवेश प्रेमचंद परवर्ती उपन्यास । देश विभाजन और हिंदी उपन्यास समकालीन हिंदी उपन्यास की प्रवृत्तियां।


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April	<p>रूची उपन्यास लेखन। भूमंडलीकरण और हिंदी उपन्यास फणीश्वर नाथ के उपन्यास मैला आंचल सार। उपन्यास की मूल संवेदना। उपन्यास के नायक का चरित्र चित्रण। गोदान उपन्यास का सार। गोदान उपन्यास की मूल संवेदना।</p>
May	<p>गोदान भारतीय किसान की त्रासदी गाथा। गोदान में आदर्शवाद और यथार्थवाद। लघु उत्तरात्मक प्रश्न मृदुला गर्ग के उपन्यास कठ गुलाब उपन्यास का सार। काठगुलाम का उपन्यास की मूल संवेदना। कठ गुलाब उपन्यास में नारीवादी चेतना। कठ गुलाब उपन्यास की नायिका स्मिता के चरित्र की विशेषताएं। लघु उत्तरात्मक प्रश्न श्री लाल शुक्ल के उपन्यास राग दरबारी का सार। राग दरबारी उपन्यास में चित्रित समस्याएं। ओपन राग दरबारी उपन्यास के नायक का चरित्र चित्रण। लघु उत्तरात्मक प्रश्न। पुनरावृत्ति</p>
June	University Exam


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VAISH COLLEGE, BHIWANI

LESSON PLAN PERFORMA

Name of Assistant/Associate Professor Dr. Asha Rani

Paper with Code HND-101 हिंदी कहानी and HND-205 लोक साहित्य ; संदर्भ

Class M.A. Hindi 1st and 2nd Semester Session 2022-23

Month	Name of Topic
July	
August	
September	हिंदी कहानी की परिभाषा एवं स्वरूप । कहानी की रचना विधान कहानी के विभिन्न तत्व ।
October	प्रेमचंद और प्रसाद की कहानी कला । विभिन्न कहानी आंदोलन। भूमहलीकरण दौर के कहानीकार । अपु उपर्यासक परम "उसने कहा था" कहानी का सार । कहानी के साहित्यिक की विशेषता।
November	"उसने कहा था" कहानी का उसने कहा था कहानी का उद्देश्य । मेधा सिंह का परिच चित्रण । "आकाशदीप" कहानी का सार। "आकाशदीप" कहानी का मूल संवेदन। "आकाशदीप" कहानी की साहित्यिक संघा का परिच चित्रण।
December	"दुनिया का जननीय राजा" कहानी का सार। कहानी का मूल उद्देश्य । कहानी के मायक साहित्य का परिच चित्रण। "कैसला" कहानी का सार। कैसला कहानी की मूल संवेदन। साहित्य का परिच चित्रण। "तीसरी कक्षा" कहानी का सार कहानी का उद्देश्य।


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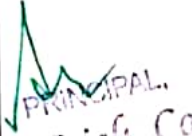
January	<p>"पचवीस चौका डेढ़ सौ" कहानी का सार। कहानी की मूल संवेदना। सुदीप का परिवार चित्रण। "लडकी की बहादुरी" कहानी का सार। लडकी की बहादुरी कहानी का मूल उद्देश्य। धापती का परिवार चित्रण।</p>
February	University Exam
March	<p>हुकाई एक लोक साहित्य का अर्थ परिभाषा और स्वरूप लोक साहित्य का इतिहास लोक संस्कृति और लोक साहित्य लोक साहित्य परंपरा एवं प्रयोग हुकाई 2 लोक साहित्य के अध्ययन की प्रक्रिया लोक साहित्य एवं दूरसंचारजीकरण की समस्याएं</p>
April	<p>लोक साहित्य की संकल्पना की विधियां लोक साहित्य का तुलनात्मक अध्ययन हुकाई 3 लोकगीत लोक कथा एवं लोक गायन लोकनाट्य (संग)</p>
May	<p>महाजिपट दसवली हरियाणवी लोक कथाएं शरीर किराण की लोक कथा -शंकर ज्ञान यादव सवनी जयली -रघुवीर सिंह मथाला भारत की किराण - कलज हरियाणवी हुकाई 4 हरियाणवी का उद्भव और विकास</p>
June	University Exams


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VAISH COLLEGE, BHIWANI

LESSON PLAN PERFORMA

Name of Assistant/Associate Professor <u>Dr. Asha Rani</u>	
Paper with Code : <u>HND- 301 समकालीन हिंदी कविता</u> and <u>HND 402</u>	
<u>अस्मितामूलक साहित्य चिंतन (स्त्री आदिवासी किम्पान भादि)</u>	
Class : <u>M.A. Hindi 3rd and 4th Semester</u> Session : <u>2022-23</u>	
Month	Name of Topic
July	
August	
September	समकालीन कविता परिभाषा और स्वरूप समकालीन हिंदी कविता की प्रवृत्तियां
October	भूमंडलीकरण और हिंदी कविता समकालीन समकालीन कविता की सौंदर्य चेतना समकालीन कविता और हिंदी बोध समकालीन हिंदी कविता की भाषा
November	नागार्जुन:- बाल में बांका कर सकी, मनुष्य हूं (कविता) सुदामा पांडे धूमिल:- रोट्टी और संसद (कविता)
December	विनोद कुमार शुक्ल :- जो मेरे घर कभी नहीं आएंगे, मंगल ग्रह इस समय पृथ्वी के बहुत पास आ गया है (कविता) आलोक धन्वा :- सफेद रात ,गोली दागो पोस्ट (कविता) राजेश जोशी:- बच्चे कम पर जा रहे हैं, इत्यादि (कविता) अनामिका बेजगह , स्त्रियां (कविता)
January	ओमप्रकाश वाल्मीकि :- अखाड़े की माटी, बस्स बहुत हो चुका (कविता) मंगलेश डबराल :- संगतकार, गुणा नंद पथिक (कविता) पुनरावृत्ति बहाना बाबा (कविता)
February	University Exam
March	अस्मिता की अवधारणा एवं स्वरूप धर्म संस्कृति और अस्मिता , अस्मिता मुल्क आंदोलन , भूमंडलीकरण अस्मिता स्त्री लेखन दृष्टि परंपरा प्रवृत्तियां और प्रासंगिकता आदिवासी लेखन दृष्टि परंपरा प्रवृत्तियां और प्रासंगिकता


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April	दलित लेखन दृष्टि परंपरा प्रवृत्तियां और प्रासंगिकता किसान लेखन दृष्टि परंपरा प्रवृत्तियां और प्रासंगिकता महादेवी वर्मा हिंदू स्त्री का पत्नीत्व , स्त्री के अर्थ स्वातंत्र्य का प्रश्न । (निबंध) ममता कालिया बोलने वाली औरत (कहानी)
May	सविता सिंह रात नींद सपने और स्त्री, बैठी है औरतें भी विलाप में, कुसुम का सत्याग्रह संजीव कुमार फॉस (उपन्यास) दीनबंधु छोड़ राम बेचारा किसान (निबंध संग्रह) ओमप्रकाश वाल्मीकि सलाम (कहानी)
June	University Exam

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VAISHI COLLEGE, BHIWANI

LESSON PLAN PERFORMA

Name of Assistant/Associate Professor Poonam
 Paper with Code Hindi (20VHND) / VHND Class B.A-Ist Session 2022-23
1st year

Month	Name of Topic
July	
August	
September	आदिकाल का अभिकरण, काल विकास सिद्ध काव्यद्वारा गद्य साहित्य, जैमिनी साहित्य प्रमुख राधा कवि, आदिकाल साहित्य की विशेषताएँ
October	प्रमुख संगुण कवि-सूरदास, तुलसीदास गीतकार भारतकाल की विशेषताएँ, ऐतिहासिक धृष्टि सांगीतिक धृष्टि, ऐतिहासिक ऐतिहासिक साहित्य
November	हिन्दी नवजागरण - कर्मठ युगीन साहित्य की विशेषताएँ द्विवेदी युग बृहदारण्यक, द्विवेदी और द्विवेदी युग के प्रमुख गद्य लेखक। द्विवेदी युग और राष्ट्रीय साहित्य द्वारा, धर्मशास्त्र, उग्रविवाद
December	नई कविता का परिचय देते हुए उसकी प्रमुख प्रवृत्तियों की विवेचना। हिन्दी उपन्यास की विकास और उक्त पर विवेचना
January	प्रयोगवादी कविता का परिचय देते हुए उसकी प्रमुख प्रवृत्तियों की विवेचना। हिन्दी प्रबंध की विकास यात्रा पर प्रकाश।
February	Exam
March	कबीरदास का व्यक्तित्व, इतिहास एवं साहित्यगत विशेषताएँ कबीर की साधना, संप्रदाय व्याख्या। सूरदास का व्यक्तित्व इतिहास एवं साहित्यगत विशेषताएँ, आभारित सासु पदा की संप्रदाय व्याख्या तुलसीदास का व्यक्तित्व, इतिहास एवं साहित्यगत विशेषताएँ, संप्रदाय व्याख्या
April	गीतकार का व्यक्तित्व, इतिहास एवं साहित्यगत विशेषताएँ, गीतकार के पदा की संप्रदाय व्याख्या, सूरदास और विहारी व्यक्तित्व, इतिहास एवं साहित्यगत विशेषताएँ, संप्रदाय व्याख्या
May	शुषण का व्यक्तित्व इतिहास व साहित्यगत विशेषताएँ धर्मशास्त्र का व्यक्तित्व इतिहास व साहित्यगत विशेषताएँ शुषण और धर्मशास्त्र की रीति की संप्रदाय व्याख्या शिवराज शुषण का व्यक्तित्व इतिहास व साहित्यगत विशेषताएँ और संप्रदाय व्याख्या
June	Exam

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गद्य साहित्य
VHND
BC

HND
LDI
साहित्य
हिन्दी
कविता

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VAISHI COLLEGE, BHIWANI

LESSON PLAN PERFORMA

Name of Assistant/Associate Professor Poonam

Paper with Code सूचनात्मक लेखन के Class B.A-Ist Session 2022-23
20UH/ND 101-NW-विश्वीय लेख (हि-डी) year

Month	Name of Topic
July	
August	
September	
October	
November	सूचनात्मक लेखन के प्रकार, सूचनात्मक लेखन की विशेषताएँ, सूचनात्मक लेखन का उद्देश्य। रिपोर्ट का रूप, फीचर लेखन शैलियाँ
December	साक्षात्कार का उद्देश्य प्रकार, प्राथमिक, महत्वपूर्ण लेखन - समाचार पत्र के विविध स्तंभ
January	संक्षेप और काव्य, पैर, पारदर्शक, लीडिंग, बात साहित्य लेखन, रेखाचित्र, चित्राचित्र, कार्टून लेखन।
February	
March	
April	
May	
June	

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VAISH COLLEGE, BHIWANI

LESSON PLAN PERFORMA

Name of Assistant/Associate Professor Poojya

Paper with Code _____ Class B.A. Year 2 Session 2022-23

Month	Name of Topic
July	
August	
September	
October	
November	सृजनकर्मता का कार्य स्वरूप, भाषण, प्रमुख कृति। सृजनकर्मता, लेखन से विशेषताएँ, सृजनकर्मता, लेखन, का उद्देश्य। रिपोर्टाज का कार्य स्वरूप, प्रमुख लेखन शैलियाँ।
December	सांसारिक का उद्देश्य, प्रमुख शैलियाँ, भाषण, लेखन। निष्पत्तियों से विशेषताएँ
January	संलग्न और काव्य, काव्य, पद्य, काव्य, काव्य, काव्य। साहित्य लेखन, रचनात्मक, व्यापक, काव्य लेखन।
February	Exam
March	अनुवाद का कार्य स्वरूप और विशेषताएँ। अनुवाद के प्रकार (शब्दानुवाद, भावानुवाद, ध्वन्यानुवाद, सारानुवाद), अनुवाद शैलियाँ, अनुवाद का महत्व, साहित्यिक शैलियाँ अनुवाद, पद्य और काव्य
April	विशेष शैलियाँ अनुवाद, व्यापक अनुवाद, व्यापक शब्दावली का अनुवाद, अनुवाद का अनुवाद, अनुवाद शैलियों का अनुवाद, अनुवाद के अनुवाद - प्रशिक्षण के प्रमुख कृति
May	वैश्या, रत्न, काव्य, प्रशिक्षण के प्रमुख कृति पारिभाषिक शब्दावली के अनुवाद तथा शैली
June	Exam

अनुवाद

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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor Poonam

Paper with Code Hindi हिन्दी गद्य साहित्य Class BA-IInd Session 2022-23
20UHND 401-C Year

Month	Name of Topic
July	
August	
September	भारतेंद्र हरिश्चन्द्र तथा जयशंकर प्रसाद उपाध्याय एवं हरिश्चन्द्र का व्यक्तित्व एवं कृतित्व और सूक्त की प्रथम विशेषताएँ हरिश्चन्द्र की कविताएँ - शिल्प काया उन्मत्त अहं, प्रेम गाधुरी। कृष्णदास उपाध्याय हरिश्चन्द्र की कविता - 491331 सप्तमः व्याख्या
October	अश्विनी प्रसाद गुप्त तथा जयशंकर प्रसाद का व्यक्तित्व एवं कृतित्व और भाग्य परिचय अश्विनी प्रसाद और जयशंकर प्रसाद की कविताओं की सप्तमः व्याख्या
November	श्रीमदश्वत्थ त्रिपाठी गिराना तथा महादेवी वर्मा का व्यक्तित्व एवं कृतित्व और कविताओं की सप्तमः व्याख्या गणार्जुन तथा गुरुम अहता का व्यक्तित्व एवं कृतित्व और कविताओं की सप्तमः व्याख्या
December	महादेवी वर्मा की कविताओं में प्रथमः व्याख्या पर संक्षेप वचन। महादेवी वर्मा के गीत - भाष्य की विवेचना। गणार्जुन के काव्य - भाष्य पर श्रीमदश्वत्थ त्रिपाठी का
January	गणार्जुन के काव्य हे भाष्य के अर्थ को विवेचना। गुरुम अहता का साहित्यिक परिचय। कवि गुरुम अहता के आधि व्यक्तित्व विले को स्पष्ट करना।
February	Exam
March	जानेन्द्र कुमर का व्यक्तित्व एवं कृतित्व। उपन्यास-त्पामस की तात्त्विक भाष्य। प्रमोचन, जयशंकर प्रसाद का व्यक्तित्व एवं कृतित्व, गुरुम अहता, कमलश्रीय की सप्तमः व्याख्या।
April	गणार्जुन, त्रिभंग का व्यक्तित्व एवं कृतित्व। गणार्जुन - परा, उमा त्रिभंग - वापसी, गहानी की सप्तमः व्याख्या शमभन्त सुबल तथा हजारी प्रसाद द्विवेदी का व्यक्तित्व एवं कृतित्व
May	राजशुभ सुम्न - लोक और जीवन। हजारी प्रसाद द्विवेदी - सुबल विषय की सप्तमः व्याख्या प्रश्नोत्तर। महादेवी वर्मा और गुरुम अहता का व्यक्तित्व एवं कृतित्व। सुबल और गुरुम अहता की कविताओं की कविता और प्रमोचन की सप्तमः व्याख्या और प्रश्नोत्तर।
June	Exam

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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor Surechi Gupta
 Paper with Code Hindi (सामान्य लेखन) Class B A I Session 2021-22
I Sem

Month	Name of Topic
July	
August	
September	
October	
November	सामान्य लेखन और लेखन महत्त्व प्रमुख शब्द, सामान्य लेखन की विशेषताएं शब्दकोश - अक्षर, उकार, यविय, महत्त्व
December	लेखन लेखन - समाचारपत्र के विविध लेख समाज और माध्यम लेख पत्रिका, डिजिटल
January	बाल साहित्य लेखन रेखा पत्र, छाया पत्र, मातृका लेखन
February	
March	
April	
May	
June	


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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor Sushela Gupta

Paper with Code Hindi Class B A II Session 2022-23

Month	Name of Topic
July	
August	
September	भारत के हरिन्द का व्युत्पत्ति व इतिहास सामान्य परिचय कविता कि भाषा उदाहरण, प्रभावशाली के पदों की लक्षणों का रचना आर्य व अर्यों के व्युत्पत्ति व इतिहास, सामान्य परिचय पद्यों की लक्षणों का रचना
October	संस्कृत शब्दों के व्युत्पत्ति व इतिहास सामान्य परिचय कविताओं की लक्षणों का रचना उदाहरण उदाहरण व्युत्पत्ति व इतिहास - लक्षणों का रचना विशेष व्युत्पत्ति व इतिहास लक्षणों का रचना
November	महादेवी व श्री व्युत्पत्ति व इतिहास लक्षणों का रचना गणेश व्युत्पत्ति व इतिहास लक्षणों का रचना नरेश महादेव व्युत्पत्ति व इतिहास लक्षणों का रचना
December	
January	
February	
March	जैन धर्म का व्युत्पत्ति व इतिहास उपनिषद् का व्युत्पत्ति व इतिहास साहित्य की शैली
April	प्रेम शक्ति, प्रजापति, महापति, प्रियवर्त का व्युत्पत्ति व इतिहास नर्मदा का दर्शन का व्युत्पत्ति व इतिहास लक्षणों का रचना प्रश्नोत्तर आकाशवाणी का व्युत्पत्ति व इतिहास लक्षणों का रचना प्रश्नोत्तर पद्यों की लक्षणों का रचना लक्षणों का रचना प्रश्नोत्तर
May	श्रीमद्भगवद्गीता का व्युत्पत्ति व इतिहास, लक्षणों का रचना लक्षणों का रचना प्रश्नोत्तर हजारी प्रसाद द्विवेदी का व्युत्पत्ति व इतिहास लक्षणों का रचना लक्षणों का रचना प्रश्नोत्तर महादेवी व श्री व्युत्पत्ति व इतिहास लक्षणों का रचना लक्षणों का रचना प्रश्नोत्तर प्रभावशाली का व्युत्पत्ति व इतिहास, आकाशवाणी का व्युत्पत्ति व इतिहास लक्षणों का रचना लक्षणों का रचना प्रश्नोत्तर
June	

VAISH COLLEGE, BHIWANI

LESSON PLAN

SESSION 2022-23

Name of the teacher: Dr. Anil Kumar

Class: M.A (HINDI) 1st Sem.

Paper: हिंदी साहित्य का इतिहास

Paper code: 19 HND 104

M.A HINDI 1 st Semester (Paper code: 19 HND 104)	
Month	Topic
July, 2022	
August, 2022	<ul style="list-style-type: none">साहित्य के इतिहास की अवधारणाहिंदी साहित्य इतिहास पुनर्लेखन की समस्याएंहिंदी साहित्येतिहास लेखन की परंपरासाहित्य के इतिहास का काल विभाजन एवं नामकरण
September, 2022	<ul style="list-style-type: none">आदिकाल नामकरण एवं युगीन परिस्थितियांआदिकालीन साहित्य की प्रमुख प्रवृत्तियांसिद्ध साहित्य, नाथ साहित्य, जैन साहित्य, रासो साहित्य, लौकिक साहित्य,अमीर खुसरो की हिंदी कविता
October, 2022	<ul style="list-style-type: none">भक्ति काल की दार्शनिक, सामाजिक, सांस्कृतिक और धार्मिक पृष्ठभूमिभक्ति आंदोलन और दक्षिण के आलवार संतनिर्गुण एवं सगुण भक्ति का स्वरूप एवं प्रवृत्तियांभक्ति काव्य धाराएं एवं प्रवृत्तियां
November, 2022	<ul style="list-style-type: none">रीतिकाल का नामकरण एवं युगीन परिस्थितियांरीतिकाल की प्रवृत्तियांरीतिकाल कवियों का आचार्यत्वरीतिसिद्ध, रीतिमुक्त, रीतिबद्ध काव्य धाराएं एवं प्रवृत्तियां

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VAISH COLLEGE, BHIWANI

LESSON PLAN

SESSION 2022-23

Name of the teacher: Dr. Anil Kumar

Class: M.A (HINDI) 1st Sem.

Paper: विशिष्ट रचनाकार प्रेमचंद

Paper code: 19 HND 106

M.A HINDI 1 st Semester (Paper code:19 HND 106)	
Month	Topic
July, 2022	
August, 2022	<ul style="list-style-type: none">राष्ट्रीय परिदृश्य और प्रेमचंदप्रेमचंद की साहित्य दृष्टिप्रेमचंद और आदर्शोन्मुखी यथार्थवादप्रेमचंद और पत्रकारिता
September, 2022	<ul style="list-style-type: none">प्रेमचंद और किसानप्रेमचंद की नारी भावनाप्रेमचंद की भाषाप्रेमचंद की प्रासंगिकता
October, 2022	<ul style="list-style-type: none">उपन्यास: रंगभूमिकहानियां : बड़े घर की बेटी, ईदगाह, पूस की रात, नमक का दरोगा
November, 2022	<ul style="list-style-type: none">नाटक: कर्बलानिबंध : साहित्य का उद्देश्य, कहानी कला 1,2,3, महाजनी सभ्यता

(Signature of the teacher)

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VAISH COLLEGE, BHIWANI

LESSON PLAN

SESSION 2022-23

Name of the teacher: Dr. Anil Kumar

Class: M.A 2nd Sem (HINDI)

Paper: हिंदी साहित्य का इतिहास (आधुनिक काल)

Paper code: 19 HND 203

M.A 2nd Sem (HINDI) Semester (Paper code: 19 HND 203)	
Month	Topic
January, 2023	<ul style="list-style-type: none">हिंदी गद्य का उद्भव और विकास1857 की क्रांति और सांस्कृतिक पुनर्जागरणभारतेंदु और उनका युगमहावीर प्रसाद द्विवेदी और हिंदी नवजागरण, प्रमुख गद्य लेखक
February, 2023	<ul style="list-style-type: none">छायावाद के प्रमुख कवि, काव्य और प्रवृत्तियांप्रगतिवाद के प्रमुख कवि और काव्यप्रयोगवाद के मुख्य कवि और काव्यनई कविता एवं समकालीन कविता के प्रमुख कवि
March, 2023	<ul style="list-style-type: none">कहानी और उपन्यासनाटक और एकांकीनिबंधआलोचना
April, 2023	<ul style="list-style-type: none">आत्मकथा, जीवनी, संमरण रेखाचित्र, रिपोर्टाज, यात्रा साहित्य, डायरीहिंदी का प्रवासी साहित्यप्रमुख अस्मितावादी विमर्श (स्त्री, आदिवासी, अल्पसंख्यक, किसान, पर्यावरण)पत्र-पत्रिकाएं


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VAISH COLLEGE, BHIWANI

LESSON PLAN

SESSION 2022-23P

Name of the teacher: Dr. Anil Kumar

Class: M.A 2nd Sem (HINDI)

Paper: हिंदी नाटक और रंगमंच

Paper code: 19 HND-202

M.A 2nd Sem (HINDI) Semester (Paper code: 19 HND-202)	
Month	Topic
January, 2019	<ul style="list-style-type: none">• नाटक एवं रंगमंच: अवधारणा और स्वरूप• हिंदी नाटक एवं रंगमंच का उद्भव और विकास• भारतेन्दु हरिश्चंद्र के नाटकों में राष्ट्रीयता• जयशंकर प्रसाद के नाटकों में सांस्कृतिक चेतना
February, 2019	<ul style="list-style-type: none">• धर्मवीर भारती के नाटकों में नाट्य शिल्प और अस्तित्ववाद• मोहन राकेश के नाटकों में आधुनिकतावाद एवं प्रयोगधर्मिता• लक्ष्मीनारायण मिश्र के नाटकों में चित्रित समस्याएं• असगर वजाहत के नाटकों में विभाजन एवं त्रासदी
March, 2019	<ul style="list-style-type: none">• भारत दुर्शा: भारतेन्दु हरिश्चंद्र• चंद्रगुप्त : जयशंकर प्रसाद• अंधाधुंध : धर्मवीर भारती
April, 2019	<ul style="list-style-type: none">• अंधाधुंध : मोहन राकेश• सिंदूर का होली: लक्ष्मी नारायण मिश्र• जिरा लखौर नई देखा ओ जन्माइ नई : असगर वजाहत

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LESSON PLAN

SESSION 2022-23

Name of the teacher: Dr. Anil Kumar

Class: M.A (HINDI) 3rd Sem.

Paper: आधुनिक भारतीय साहित्य

Paper code: 19 HND-305(i)

M.A HINDI 3 rd Semester (Paper code: 19 HND-305(i))	
Month	Topic
July, 2022	
August, 2022	<ul style="list-style-type: none">• भारतीय साहित्य की अवधारणा और स्वरूप• भारतीय साहित्य के अध्ययन की समस्याएं• भारतीय साहित्य में मूल्यों की अभिव्यक्ति• भारतीय साहित्य में आज के भारत का बिम्ब
September, 2022	<ul style="list-style-type: none">• संस्कार : यू.आर. अनंतमूर्ति• मदी दा दीवा : गुरदयाल
October, 2022	<ul style="list-style-type: none">• गोरा : रविंद्रनाथ ठाकुर• घासीराम कोतवाल : विजय तेंदुलकर
November, 2022	<ul style="list-style-type: none">• भारत तीर्थ: रविंद्रनाथ टैगोर• गालिब की गजलें• बर्बर राव: तेरे लिए मेरी खामोशी एक मौलिक संशोधन(कविता)

(Signature of the teacher)

PRINCIPAL,
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BHIWANI



VAISH COLLEGE, BHIWANI

LESSON PLAN

SESSION 2022-23

Name of the teacher: Dr. Anil Kumar

Class: M.A 4th Sem (HINDI)

Paper: विशिष्ट रचनाकार कबीर

Paper code: 19 HND-406 (i)

M.A 4 th Sem (HINDI) (Paper code: 19 HND-406 (i))	
Month	Topic
January, 2022	<ul style="list-style-type: none">कबीर का समयकबीर की प्रासंगिकताकबीर का रहस्यवादकबीर के राम
February, 2022	<ul style="list-style-type: none">कबीर की क्रांति चेतनाकबीर का स्त्री विषयक चिंतनकबीर की मानवतावादी दृष्टिकबीर की भाषा
March, 2022	<ul style="list-style-type: none">कबीर गंथावली(पद संख्या 18 14 16 21 23 24 34 39 41 42 43 49 57 59 761 64 80 89 91 92 111 117 129 132 136 139 153 और 156)
April, 2022	<ul style="list-style-type: none">रमैनी संपूर्ण

(Signature of Teacher)

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VAISH COLLEGE, BHIWANI

LESSON PLAN

SESSION 2022-23

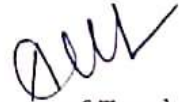
Name of the teacher: Dr. Anil Kumar

Class: M.A4th Sem (HINDI)

Paper: समकालीन साहित्य चिंतन

Paper code: HND-405

M.A 4th Sem (HINDI) (Paper code: HND-405)	
Month	Topic
January, 2023	<ul style="list-style-type: none">गांधीवादी साहित्य चिंतनहिंदी साहित्य में गांधीवादी चिंतनअंबेडकरवादी साहित्य चिंतनहिंदी साहित्य में अंबेडकरवादी चिंतन
February, 2023	<ul style="list-style-type: none">माक्सवादी साहित्य चिंतनहिंदी साहित्य में माक्सवादी चिंतनमनोविश्लेषणवादी साहित्य चिंतनहिंदी साहित्य में मनोविश्लेषणवादी चिंतन
March, 2023	<ul style="list-style-type: none">अस्तित्ववादी साहित्य चिंतनहिंदी साहित्य में अस्तित्ववादी चिंतनआधुनिकतावादी साहित्य चिंतनहिंदी साहित्य में आधुनिकतावादी चिंतन
April, 2023	<ul style="list-style-type: none">उत्तरआधुनिकतावादी साहित्य चिंतनहिंदी साहित्य में उत्तर-आधुनिकतावादी चिंतनसंरचनावादी और उत्तर संरचनावादी साहित्य चिंतनहिंदी साहित्य में संरचनावादी और उत्तर संरचनावादी चिंतन


(Signature of Teacher)


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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor DR. VIKAS GUPTA

Paper with Code भाषा विज्ञान एवं हिन्दी भाषा 19/ND Class M.A. Session 2022-23
हिन्दी भाषा 19/ND हिन्दी Ist Sem

Month	Name of Topic
July	व्याकरण
August	भाषा : परिभाषा एवं स्वरूप भाषा की सामाजिक संरचना भाषा व्यवस्था एवं व्यवहार, भाषा शिक्षण (वैशेषिक)
September	भाषा विज्ञान : परिभाषा एवं स्वरूप, भाषा विज्ञान : शिक्षण की पद्धतियाँ भाषा विज्ञान शिक्षण के प्रश्न
October	प्राचीन भारतीय आम भाषाओं की विशेषताएँ मध्यकालीन भारतीय आम भाषाओं की विशेषताएँ आधुनिक भारतीय आम भाषाओं की विशेषताएँ
November	आधुनिक भारतीय आम भाषाओं की विशेषताएँ हिन्दी के विकास एवं हिन्दी की सांस्कृतिक विशेषताएँ हिन्दी की विशेषताएँ, हिन्दी की साहित्यिक विशेषताएँ
December	व्याकरण शुद्धी एवं परीक्षा
January	
February	
March	
April	
May	
June	

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VAISH COLLEGE, BHIWANI

LESSON PLAN PERFORMA

Name of Assistant/Associate Professor Dr. VIPIN GUPTA

Paper with Code 19MND302 वैश्विक हिन्दू धर्म विज्ञान Class M.A. Hindi Session 2022-23

Month	Name of Topic
July	वैश्विकता
August	हिन्दू धर्म का विकास, हिन्दू धर्म के अर्थ और अर्थ, विचार, जीवनशैली के विकास, आस्था, आस्था के अर्थ, आस्था के अर्थ
September	आस्था के अर्थ, आस्था के अर्थ, आस्था के अर्थ, आस्था के अर्थ, आस्था के अर्थ, आस्था के अर्थ
October	हिन्दू धर्म का अर्थ, आस्था के अर्थ, आस्था के अर्थ, आस्था के अर्थ, आस्था के अर्थ, आस्था के अर्थ
November	हिन्दू धर्म के अर्थ, आस्था के अर्थ, आस्था के अर्थ, आस्था के अर्थ, आस्था के अर्थ, आस्था के अर्थ
December	हिन्दू धर्म के अर्थ, आस्था के अर्थ, आस्था के अर्थ, आस्था के अर्थ, आस्था के अर्थ, आस्था के अर्थ
January	
February	
March	
April	
May	
June	

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VAISH COLLEGE, BHIWANI LESSON PLAN PERFORMA

Name of Assistant/Associate Professor Dr. VIPIN GUPTA

Paper with Code 1911ND203 हिंदी की संस्कृति Class M A Session 2022-23
Month

Month	Name of Topic
July	
August	व्यापक व हिंदी की प्रमुख संस्कृतियों, छंदे साहित्य, लोकगीत साहित्य
September	हिंदी की प्रमुख परिकल्पनाएँ, संवैधानिक साहित्य
October	हिंदी की कालिकाएँ
November	हिंदी की संस्कृति में प्रमुख व्यक्तित्व
December	परिचय
January	
February	
March	
April	
May	
June	

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VAISH COLLEGE, BHIWANI

LESSON PLAN PERFORMA

Name of Assistant/Associate Professor Dr. Vipin Gupta
 Paper with Code 1911ND404 हिंदी भाषाशास्त्र Class VI A 19th Session 2022-23
IV sem

Month	Name of Topic
July	
August	
September	
October	
November	
December	
January	आत्मतन्त्र की अवधारणा एवं लक्षण, 'प्रतिफल' हिंदी आत्मतन्त्र की उद्देश्य एवं विधाएँ, हिंदी आत्मतन्त्र की संरचना, हिंदी आत्मतन्त्र में चर्चाएँ
February	आत्मतन्त्र की अवधारणा, 'प्रतिफल' हिंदी आत्मतन्त्र, 'आत्मतन्त्र' की अवधारणा
March	आत्मतन्त्र की अवधारणा, 'आत्मतन्त्र' की अवधारणा, 'आत्मतन्त्र' की अवधारणा
April	आत्मतन्त्र की अवधारणा, 'आत्मतन्त्र' की अवधारणा, 'आत्मतन्त्र' की अवधारणा
May	आत्मतन्त्र
June	

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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor Dr. V. P. Singh

Paper with Code 1911ND401 आदिवासी एवं महामातृत्व Class M.A Session 2022-23
हिन्दी

Month	Name of Topic
July	
August	
September	
October	
November	
December	
January	आदिवासी कवि, महामातृत्व, आदिवासी कवि की प्रशंसा, आदिवासी व महामातृत्व कवि की श्रुतियाँ और उनके व महामातृत्व की महिमा, आदिवासी
February	महामातृत्व व आदिवासी कवि की श्रुतियाँ, विद्यापति की परावली, कबीर, तुलसीदास, जयदेव
March	आदिवासी कवि की श्रुतियाँ, आदिवासी व महामातृत्व कवि की महिमा, तुलसीदास, कबीर
April	विद्यापति परावली व तुलसीदास
May	
June	

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LESSON PLAN PERFORMA

Name Of Associate Professor- डॉ कामना कौशिक

विषय कोड- 20UEHND301-B

सं. 2022-2023

कक्षा- बी एस सी हिन्दी अनिवार्य (सेमेस्टर-तृतीय)
हिन्दी काव्य और विज्ञान

Month

Name of Topic

November

निकलन लेखन-विज्ञान और पर्यावरण प्रदूषण वैज्ञानिक प्रगति में भारत का योगदान, विश्वविख्यात वैज्ञानिक और उनके अतिथकार विज्ञान और हिन्दी साहित्य
विज्ञान और रचना प्रौद्योगिकी विज्ञान और तकनीकी क्षेत्र में हिन्दी हिन्दी और वैज्ञानिक अनुवाद, शैलीकरण और विज्ञान विज्ञान में हिन्दी लेखन और विद्य वैज्ञानिक, शैलीकरण गुण, माखन लाल धनुर्वेदी, व्यक्तिगत कृतिव्य एवं कव्ययगत विशेषणों व्याख्या आलोचनात्मक पत्र दोहराई, परियोजना कार्य

December

शुभादा कुमारी चौहान, व्यक्तिगत कृतिव्य, परियोजना कार्यपरियोजना कार्य एवं दोहराई,

January

शुभादा कुमारी चौहान एवं शुभादा सीह दिनकर व्यक्तिगत कृतिव्य व्याख्या, विज्ञान का अर्थ, परिभाषा, क्षेत्र और महत्व, वैज्ञानिक शब्दावली, हिन्दी में विज्ञान-लेखन हिन्दी में विज्ञान-लेखन की कठिनाइयाँ, परियोजना कार्य, टैरर

February (1-5)

दोहराई परियोजना कार्य

PRINCIPAL,
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VAISH COLLEGE, BHIWANI

LESSON PLAN PERFORMA

Name Of Associate Professor- डॉ कामना कौशिक

विषय कोड- UHND-301	कक्षा- बी.ए. हिन्दी अनिवार्य (सेमेस्टर-तृतीय)
सन-2022-2023	आधुनिक हिन्दी कविता
Month	Name of Topic
November	भारतेंदु हरिश्चन्द्र ,अयोध्या सिंह उपाध्याय हरिऔध:दोहराई, मैथिलीशरण गुप्त, जयशंकर प्रसाद, तथा नरेश मेहता: व्यक्तित्व ,कृतिव एवं काव्यगत विशेषताएँ व्याख्या,आलोचनात्मक प्रश्न.दोहराई,परियोजना कार्य
December	सूर्यकान्त त्रिपाठी 'निराला': एवं महादेवी वर्मा, व्यक्तित्व एवं कृतिव ,दोहराई
January	सूर्यकान्त त्रिपाठी 'निराला', नागार्जुन, व्यक्तित्व ,कृतिव एवं काव्यगत विशेषताएँ व्याख्या,आलोचनात्मक प्रश्न,दोहराई,परियोजना कार्य
February (1-5)	दोहराई,परियोजना कार्य

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VAISH COLLEGE, BHIWANI

LESSON PLAN PERFORMA

Name Of Associate Professor- डॉ कामना कौशिक

विषय कोड-U HND 201-C

कक्षा- बी.ए. हिन्दी अनिवार्य (सेमेस्टर-द्वितीय)

सत्र-2022-2023

मध्यकालीन हिंदी कवितां

Month

Name of Topic

March

पाठ्यक्रम चर्चा , कबीर , व्यक्तित्व, कृतित्व एवं काव्यगत विशेषताएँ, :व्याख्या, आलोचनात्मक प्रश्न, दोहराई, परियोजना कार्य

April

सूरदास, व्यक्तित्व, कृतित्व एवं काव्यगत विशेषताएँ, :व्याख्या, आलोचनात्मक प्रश्न, दोहराई, परियोजना कार्य

May

तुलसीदास तथा मीराबाई, घनानंद : व्यक्तित्व, कृतित्व एवं काव्यगत विशेषताएँ , व्याख्या, आलोचनात्मक प्रश्न, दोहराई, परियोजना कार्य

June

यूनित टेस्ट, रसखान तथा बिहारी, शृणु का व्यक्तित्व, कृतित्व एवं काव्यगत विशेषताएँ , व्याख्या, आलोचनात्मक प्रश्न, दोहराई, परियोजना कार्य

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LESSON PLAN PERFORMA

Name Of Associate Professor- डॉ कामना कौशिक

विषय कोड- U HND 401-C

कक्षा- बी.ए. हिन्दी अनिवार्य (सेमेस्टर-चतुर्थ)

सत्र-2022-2023

हिन्दी गद्य साहित्य

Month	Name of Topic
March	पाठ्यक्रम चर्चा ,जैनेन्द्र कुमार : व्यक्तित्व एवं कृति
April	त्यागपत्र उपन्यास : व्याख्या, आलोचनात्मक प्रश्न,परियोजना कार्य
May	प्रेमचन्द, जयशंकर प्रसाद, यशपाल एवं उषा श्रियंदा का व्यक्तित्व एवं कृति, व्याख्या, आलोचनात्मक प्रश्न, परियोजना कार्य, टेस्ट
June	रामचन्द्र शुक्ल, हजारी प्रसाद द्विवेदी महादेवी वर्मा तथा प्रभा खेतान का व्यक्तित्व एवं कृति, व्याख्या, आलोचनात्मक प्रश्न, परियोजना कार्य, यूनिट टेस्ट,

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LESSON PLAN PERFORMA

Name Of Associate Professor- डॉ कामना कौशिक

विषय कोड- 19 HND-206
सत्र-2022-2023

कक्षा- एम ए हिन्दी (सेमेस्टर-द्वितीय)
अनुवाद सिद्धांत एवं प्रयोग

Month	Name of Topic
March	अनुवाद परिभाषा और महत्त्व अनुवाद : स्रोतभाषा एवं लक्ष्य भाषा अनुवाद के सिद्धान्त
April	अनुवाद परिभाषा और महत्त्व अनुवाद : स्रोतभाषा एवं लक्ष्य भाषा अनुवाद के सिद्धान्त ,अनुवाद प्रक्रिया : विश्लेषण, अंतरण और पुनर्गठन अनुवाद के प्रकार : शब्दानुवाद, भावानुवाद, छायानुवाद, साहित्यिक अनुवाद : पद्यानुवाद, गद्यानुवाद, दोहराई
May	अच्छे अनुवादक की योग्यताएँ अनुवाद कला या विज्ञान, अनुवाद की भारतीय एवं पश्चात्य परम्परा : संक्षिप्त परिचय क्यूट्टर अनुवाद, कार्यालयी अनुवाद पारिभाषिक शब्दावली का अनुवाद अनुवाद की समस्याएँ, टेस्ट, परियोजना कार्य
June	व्यावहारिक अनुवाद: अंग्रेजी से हिन्दी, हिन्दी से अंग्रेजी (एक अनुच्छेद), दोहराई, परियोजना कार्य, यूनित टेस्ट,

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VAISH COLLEGE, BHIWANI

LESSON PLAN PERFORMA

Name Of Associate Professor- डॉ कामना कौशिक

विषय कोड-20UHND101-C
सत्र-2022-2023

कक्षा- बी.ए. हिन्दी अनिवार्य (सेमेस्टर-प्रथम)
हिन्दी साहित्य का इतिहास

Month	Name of Topic
November	आदिकाल दोहराई, भक्ति आंदोलन: सामाजिक, राजनीतिक-सांस्कृतिक पृष्ठभूमि, प्रमुख निर्गुण कवि: कबीरदास, गुरुजानक देव, राविदास, प्रमुख सगुण कवि: सूरदास, तुलसीदास, मीराबाई, भक्तिकाल की स्तम्भान्या। विशेषतारें
December	रीतिकाल की ऐतिहासिक एवं सामाजिक पृष्ठभूमि, रीतिकाल का नामकरण, रीतिकाल की विशेषतारें, रीतिकालीन काव्यधारारें, दोहराई, टेस्ट
January	स्वतंत्रता संघर्ष और हिन्दी नवजागरण एवं भारतेन्दु युगीन साहित्य की विशेषतारें, महावीर प्रसाद दूबिबेदी और उनका युग, दूबिबेदी युग के प्रमुख गद्य लेखक और कवि, मैथिलीशरण गुप्त और राष्ट्रीय काव्यधारार, प्रगतिवाद, प्रयोगवाद और नई कविता एवं हिन्दी में गद्य विधाओं का उद्भव और विकास-उपन्यास, कहानी, नाटक, निबंध,
February (1-5 February)	परियोजना कार्य, यूनिट टेस्ट

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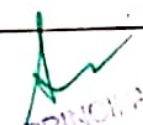
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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor Mrs. SONIYA

Paper with Code Principal of History Class MA-P Session 2022-23
19 HIS-101

Month	Name of Topic
July	NIL
August	NIL
September	Unit-I meaning of the History, Definition and scope, Nature and subject matter, History relation with other Social Science,
October	Unit-II Political, social Religious, Economic, Agriculture, Urban, Art and Architectural, History of ideas, tradition and folklore,
November	Unit-III Problem of Periodization, Historical Facts, Analysis and Interpretation.
December	Unit-IV use and misuse of History, Idea of Progress in History, significance and truth in History. one seminar,
January	Assignment Presented,
February	23 Feb, 2023 EXAM
March	
April	
May	
June	


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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor Mrs. SONIA
 Paper with Code प्रारंभिक विज्ञान (PHIS-102) Class M.P(P) Session 2023-2024

Month	Name of Topic
July	
August	
September	इतिहास का परिचय, उत्सुक आग, प्राचीन, मध्यकाल, आधुनिक काल, प्राचीनकाल का विषय में, पाषाण काल, रि. युग-सभ्यता मैसोपोटामिया और कांस्य युग का संक्षिप्त परिचय।
October	युनिट-1 पाषाण युग - परिचय युग की शुरुआत, मानव द्वारा उनकरणों का निर्माण की शुरुआत, विज्व की उत्पत्ति, उपपाषाण रूप कला, मध्यपाषाण और नवपाषाण संस्कृतियों की शुरुआत एवं स्पर्श जीवन, सभ्यता की शुरुआत एक असाइनमेंट प्रस्तुत किया।
November	युनिट-2 मिस्र की सभ्यता, परिचय, प्रागैतिहासिक, ब्रह्म, सभ्यता, सभ्यता की शुरुआत, कला, अर्थव्यवस्था, धर्म, साम्राज्यवाद लक्ष्य पुनोत्पत्ति रैट, मैसोपोटामिया की सभ्यता, परिचय, एडव. ग्रिम, अर्थव्यवस्था धर्म विश्वराज्यता की योजना। एक असाइनमेंट।
December	युनिट-3 इटली की सभ्यता, परिचय उत्पत्ति, बृगर नियोजन, कला और शिक्षण नियोजन सामाजिक स्थिति, आर्थिक स्थिति, व्यापार, शिल्प-प्रसार विश्व सभ्यता में योगदान, एक असाइनमेंट, एक रैट, सांग सभ्यता का परिचय।
January	सांग सभ्यता के साम्राज्य की शुरुआत, सभ्यता का सामाजिक-आर्थिक जीवन और धार्मिक विश्वास, एक असाइनमेंट (युनिट-10) सांग सभ्यता-परिचय इसका सामाजिक जीवन कला विज्ञान परंपरा, सभ्यता में इसका योगदान का परिचय - सामाजिक-आर्थिक जीवन।
February	Exam 23 Feb- 23 March- 2023
March	परिचय पुरातत्व और इतिहास व्यवस्था - पुरातत्व की स्थिति इतिहास उसके अडुमल, इतिहास कथा के रूप में, आपत्तिवादी पुरातत्व/संस्कृत कार्यों की शक्ति और सामाजिक स्थिति की संस्था के रूप में उत्पत्ति की महत्ता एक असाइनमेंट।
April	युनिट-11 अगिलेजार और रिकॉर्ड की बदलती परिभाषा का विवेचन प्रमाण्य सुविधाओं और संग्रहों के रिकॉर्ड का महत्व रिकॉर्ड प्रवचन का प्रभावित करने वाली अवधारणा का स्थिति, एक रैट एक असाइनमेंट (युनिट-11) लेखन और दस्तावेजीकरण की परिचय इस लाभ कार्डन के ग्लास के रूप में पुरातत्व शिफ्ट का महत्व पुरातत्व शिफ्ट (Unit-4) इलेक्ट्रॉनिक रिकॉर्ड का परिचय प्रवचन की विविधता युनैटिंग, सभा में पुरातत्व को रिकॉर्ड प्रवचन की शक्ति, एक सैमिनार, पेपर प्रस्तुत, एक असाइनमेंट etc
June	Exam EXAM= JUNE

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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor Sh. Mahender Kumar

Paper with Code 19HIS-105 [History of Haryana] Class M.A.(P) Session 2022-23 ~~2021-22~~ 2022-23

Month	Name of Topic
July	
August	<u>Unit-1</u> sources [Literary and Archaeological] Stone age culture, Harappan civilization in Haryana, Vedic culture and Epic Age (Mahabharata). Republic states: Vaidhyas, Agastya and Kuninda.
September	<u>Unit-2</u> Pushyabhutts, Gurajana - Pratiharas, Tomaras, Chahamanas. Battles of Tarain and their impact.
October	<u>Unit-3</u> Haryana during sultanate period. Battles of Panipat and their historical significance. Resistance of Jats, Revolt of sathamis and maratha. George Thomas and East India Company.
November	<u>Unit-4</u> First war of independence and Haryana (1857). Religious movements: Arya samaj and Sanatan Dham.
December	Unionist party: Educational and Agricultural Reforms. National movement 1885-1947.
January	Exam - 14 Dec 2023 to 5 Feb 2024 Paper - 19HIS-205 [Nationalism: Theories and Historical Exploration]
February	<u>Unit-1</u> State and Nation: definitions, types, civic nationalism; France and the United States, Ethnic/Romantic Nationalism: Germany, Early theorists: Renan, Jefferson, Herder.
March	<u>Unit-11</u> The nation as a historically constructed entity. The invention of tradition and the Imagining of community. Modern western theorists Stalin, Weber, Gellner, Hobsbawm, Anderson.
April	<u>Unit-111</u> Non-western nation states and the templates of western nationalism. Turkey and Japan as derivative Nationalism, RSS, Hindu Mahasbha.
May	1 May 2024 Exam.
June	


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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor Dr. S. S. Sonu

Paper with Code English (100) Class M.A. I Session 2022-23

Month	Name of Topic
July	
August	
September	Unit I The English language is a living language. It is constantly changing and developing. It is a social language. It is a language of communication. It is a language of thought. It is a language of culture. It is a language of power. It is a language of love. It is a language of life. It is a language of death. It is a language of everything.
October	Unit II The English language is a living language. It is constantly changing and developing. It is a social language. It is a language of communication. It is a language of thought. It is a language of culture. It is a language of power. It is a language of love. It is a language of life. It is a language of death. It is a language of everything.
November	Unit III The English language is a living language. It is constantly changing and developing. It is a social language. It is a language of communication. It is a language of thought. It is a language of culture. It is a language of power. It is a language of love. It is a language of life. It is a language of death. It is a language of everything.
December	Unit IV The English language is a living language. It is constantly changing and developing. It is a social language. It is a language of communication. It is a language of thought. It is a language of culture. It is a language of power. It is a language of love. It is a language of life. It is a language of death. It is a language of everything.
January	Unit V The English language is a living language. It is constantly changing and developing. It is a social language. It is a language of communication. It is a language of thought. It is a language of culture. It is a language of power. It is a language of love. It is a language of life. It is a language of death. It is a language of everything.
February	EXAM 21 Feb. 2023 to 23 March, 2023 By Prof. Dr. S. S. Sonu (1820 19732) 110 HRS - 206
March	Unit VI The English language is a living language. It is constantly changing and developing. It is a social language. It is a language of communication. It is a language of thought. It is a language of culture. It is a language of power. It is a language of love. It is a language of life. It is a language of death. It is a language of everything.
April	Unit VII The English language is a living language. It is constantly changing and developing. It is a social language. It is a language of communication. It is a language of thought. It is a language of culture. It is a language of power. It is a language of love. It is a language of life. It is a language of death. It is a language of everything.
May	Unit VIII The English language is a living language. It is constantly changing and developing. It is a social language. It is a language of communication. It is a language of thought. It is a language of culture. It is a language of power. It is a language of love. It is a language of life. It is a language of death. It is a language of everything.
June	EXAM JUNE

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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor Mrs. SONIA
 Paper with Code आधुनिक विश्व, 1911-104 Class M.A(P) Session 2022-23

Month	Name of Topic
July	NIL
August	NIL
September	<p>उपान्त-I वाणिज्यवाद का परिचय, देशों की व्यापारिक गतिविधि, पूंजीवाद की शुरुआत, एक टेस्ट, पश्चिम यूरोप में गैर-राजनीतिक-कॉलिंग, कृषि क्रांति, औद्योगिक क्रांति, तकनीकी क्रांति, एक असाइनमेंट प्रस्तुती।</p>
October	<p>उपान्त-II आधुनिक विश्व में राजनीतिक क्रांति, पश्चिम, एक असाइनमेंट प्रस्तुती, टेस्ट, फ्रांसीसी क्रांति, अमेरिकी क्रांति, एक असाइनमेंट प्रस्तुती, रूसी क्रांति, चीनी क्रांति, 11911 और 1949)</p>
November	<p>उपान्त-III साम्यवाद उसका विकास का परिचय, एशिया और अफ्रीका में साम्यवाद का फैलाव, ब्रिटेन में उदारवाद की शुरुआत, यूरोप में राष्ट्रवाद-इटली प्रमानी, एक असाइनमेंट प्रस्तुती।</p>
December	<p>उपान्त-IV 1919 का शांति सम्मेलन, इटली में फासीवाद, जर्मनी में नाज़ीवाद, द्वितीय विश्व युद्ध-परिचय, इसके प्रभाव-वर्षा असाइनमेंट।</p>
January	<p>पुनर् विश्व युद्ध, युद्धों का बौद्ध प्रश्नोत्तरी की टेस्ट, पुनर् विश्व युद्ध की उत्पत्ति, प्रकृति, इसके प्रभाव, असाइनमेंट प्रस्तुती, एक सेमिनार।</p>
February	<p>EXAM 23 Feb 2023 to 23 March 2023 आपनिवेशिक भारत में प्रवासी, 1911-204</p>
March	<p>उपान्त-I प्रवासी: की अवधारणा, विकास और समकालीन उपयोग प्रवासी की प्रकृति, एक टेस्ट भारतीय प्रवासी की श्रेणियां, भारतीय मूल के लोग और N.R.I. सेवाएं, भाषाएं, धार्मिक और जाति की विभाजन को असाइनमेंट।</p>
April	<p>उपान्त-II आपनिवेशिक प्रवासी के विभिन्न चरण, आपनिवेशिक किन्नी, सुरिनाम में प्रवास, गैरिष्ठा, स्वदेशीय विनिर्देश और दक्षिण अफ्रीका, उनकी आर्थिक स्थिति और सामाजिक स्थिति को जानना, एक असाइनमेंट तैयार किया।</p>
May	<p>उपान्त-III 20वीं सदी- प्रवासन, उद्योग और कला, आर्थिक और अन्य विकसित देशों में प्रवास की जानकारी, एक असाइनमेंट।</p>
June	<p>उपान्त-IV भारतीय प्रवासी की सामाजिक और आर्थिक स्थिति, बुरा और जाति के संदर्भ में जानना, अन्य समुदायों की तुलना में आर्थिक स्थिति सांस्कृतिक, गैर-प्रवासी के माध्यम से प्रवासी भारतीयों के प्रति भारत की रचनात्मक, एक असाइनमेंट तैयार करवाया।</p>
June	<p>EXAM- June</p>


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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor Mrs. SONIYA

Paper with Code 19HIS-106 Class M.A(P) Session 2022-2023

Rise of Modern China (1838-1967 AD)

Month	Name of Topic
July	
August	
September	UNIT-1 19 th चीनी के अर्थमि युद्धों के दौरान चीन का राष्ट्रीय उदय आके बने व्यापार की नीति 1899- चीन में सुधार उद्घोषण, लार्डिंग आत्म सुदृढीकरण आंदोलन / एक उम्माडमैट रिसर्च
October	UNIT-2 चीन में सुधार का युद्ध : उद्यम वास्तव आंदोलन और परिणाम 1911 की क्रांति पान यातसेन और पला समुदाय मोर्चा सुधार समुदाय मोर्चा + युनिस्ट आंदोलन 1928-1949
November	UNIT-3 चीन में सुधार और समाजवाद 1902 के एंगरी में राजनीतिक संकट और पहला समुदाय मोर्चा, दूसरा समुदाय मोर्चा
December	UNIT-4 कोस - स्ट्रेट संबंध और सांस्कृतिक स्त्री वस्त्र चीन समार में राजनीतिक प्रतिनिधिता और तनवा - रैडगारिड
January	द इंग्लिश आर्ज पार इनाउ स्मलर और डेग नि आर्जिनिंग भाषाई युग और विधानमंडल स्ववायव्य की गंगा भाषा भूमिका सांस्कृतिक प्रतिनिधिता
February	Exam 23-Feb 2023 to 25 March 2023 Paper-19HIS-202 [Environmental History]
March	UNIT-1 what is Ecology, Scope of Ecology, Ecology science or art, Its relation to other subjects. Terminology of Ecology, Approaches to Ecology.
April	UNIT-2 what is Environment, component of Environment - Living and non-Living components. management of conservation of Living and non-living Resources of Environment
May	UNIT-3 Environment and Ecological consciousness in Ancient India Indus valley civilization. Planned organization UNIT-4 Exploitation of Natural Resources for Economic Development in Early medieval India
June	Exam JUNE

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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor Dr. SURENDER KUMAR

Paper with Code आतल वा मुहिराम प्रथम वृत्त से 300 (80) Class B.A. Ist Year Session 2022-2023

Month	Name of Topic
July <u>Aug</u>	Unit-I प्रसंगपाठ का अर्थ, मध्य पाषाण काल, नव पाषाण काल, संस्कृति, इत्यादि सभ्यता, वैदिक सभ्यता, जैन धर्म-व बौद्ध धर्म, वास्तुशास्त्र, पत्थरकाल, पत्थरकाल का अर्थ।
August	Unit-II चिन्तित व्यक्त मनुष्य, वर्णन, लक्ष्य व मध्य पाषाण काल, मध्य का अर्थ, जैन, धर्म व बौद्ध धर्म का वर्णन, लक्ष्य पश्चिम
September	Unit-III मौर्य राज्य का अर्थ, शीघ्र वंश, सातवाहन का अर्थ, दक्षिण में संगम काल का वर्णन, लक्ष्य पश्चिम, वास्तुशास्त्र।
October	Unit-IV मौर्य सिद्ध, अशोक साम्राज्य का विस्तार
November	सतम में एवं शिलालेख, कुषाण साम्राज्य का विस्तार, प्राचीन भारत के महत्व पूर्ण व्यापारिक मार्ग लक्ष्य पश्चिम, उत्तर, वास्तुशास्त्र
December	EXAM
January	
February	Unit-I गुप्त साम्राज्य का उदय व विस्तार, हर्षवर्धन और उसके समर्थ, दक्षिण के चोल राज्य, परिचय करवाया
March	Unit-II आधुनिक मध्यकाल की ओर, चालुक्य, पल्लव और वर्धन वंश का वर्णन, बौद्ध धर्म, पाटलिपुत्र, एवं प्रतिहार का राजनीतिक वर्णन, जिप्सीय संघर्ष करवाया, वास्तुशास्त्र व लक्ष्य पश्चिम।
	Unit-III उत्तर भारत में गुप्त राज्या का उदय, अरबों का भारत पर आक्रमण, उत्तर भारत में अला के लिए लक्ष्य, तुर्क-अफगान शासन की स्थापना। मानसिंह में सत्ता के लिए संघर्ष, तुर्क-अफगान शासन की स्थापना, प्राचीन भारत में अहरीकरण, समुद्र मार्ग का साम्राज्य चक्रवर्ती दिल्ली का साम्राज्य
April	Unit-IV
May	EXAM
June	

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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor Dr. SURENDER KUMAR
 Class B.A II Ind Sem. Session 2022-2023

Paper with Code भारत का इतिहास (1206 इतिहास)

Name of Topic भारत का इतिहास (1700 ई. से 1857 ई.)

Month	Name of Topic
July	
August	U-1 दिल्ली सल्तनत की स्थापना विस्तार एवं सुदृढीकरण इत्यादि एवं सुधी प्रजाती किमजीवने एवं सुधी वंश 2 अर्थात् शैतिक, 1700-1857 एवं आर्थिक सुधारों का बर्णन / परनालाप - परीक्षा कराया।
September	U-2 नूतनत आंदोलन एवं सुधी आंदोलन कराया / प्रजातीय साम्राज्य मेवाड़, बंगाल, बिजनगर तथा अजमेर साम्राज्य सुदृढ एवं सुधीकरण कराया। लक्ष्य प्रश्न सन्त-सर्व 1800 का उदय एवं सुधीकरण कराया। सुधी को समझ
October	U-3 स्थानीय शक्ति का प्रतिरोध कराया / अक्टूबर से अक्टूबर तक प्रशासनिक व्यवस्था, भाषासारी प्रजाती, जातीय प्रजाती का बर्णन कराया / भारत शक्ति का उदय कराया / परनालाप
November	U-4 मानविक आन्दोलन के अर्थ, साम्राज्य सन्त-सर्व 1800 का उदय कराया / अक्टूबर से अक्टूबर तक भारत में राजनीतिक
December	परनालाप - लक्ष्य प्रश्न Exam
January	Exam
February	U-5 18वीं शताब्दी की स्थापना करार एवं सुधीकरण / राज्यों का उदय एवं आर्थिक विकास शक्ति की स्थापना का बर्णन कराया / 1857 तक आर्थिक शक्ति का अर्थ एवं सुधीकरण / परनालाप - परीक्षा कराया।
March	U-6 1857 की आरंभ करार / 18वीं शताब्दी के आर्थिक विकास का अर्थ, 18वीं शताब्दी के साम्राज्य का आर्थिक आंदोलन कराया / 1857 का उदय एवं विकास
April	भारतीय राष्ट्रीय स्वतंत्रता आंदोलन, सामुदायिक उदय का विकास एवं भारत का विभाजन / 1857 साम्राज्य का बर्णन / 1857 के बाद में महत्वपूर्ण के-5 / साम्राज्य
May	Exam
June	Exam

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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor Dr. SURENDER KUMAR
 Paper with Code इतिहास का इतिहास Class B.A. Year II Session 2022-23

Month	Name of Topic
July	
August	U-1 साहित्यिक एवं पुरातात्विक, एनोटी का वर्णन, पाषाण काल की सांस्कृतिक वर्णन, हरियाणा में हड़प्पा सभ्यता के सहित हरियाणा में वैदिक सभ्यता, महाकाव्य युग वर्णन करना। <u>प्रास्ताविक</u>
September	U-2 यौत्थेय एवं अंगुष्ठ गणतंत्रों का वर्णन, पुष्यभूति की लोचर शासन का वर्णन, पराज की बलदायमी का वर्णन, पानीपत की तीनों लड़ाई का वर्णन, सल्तनत एवं मुगल काल के दौरान की एवं वास्तुशास्त्र का वर्णन।
October	<u>प्रास्ताविक</u> पर विचार करवाया लघु प्रश्न : U-3 जार्ज थॉमस एवं रिचर्ड स्ट्रीटिंगर कंपनी, प्रथम स्वतंत्रता संग्राम एवं हरियाणा का 1857 में आंदोलन, आर्थिक आंदोलन
November	कार्य समाप्त, स्नातक धर्म समा, धर्म प्रसिद्ध पार्टी शैवादी एवं रूपे सुधार राष्ट्रीय आंदोलन में हरियाणा का भौगोलिक मानचित्र एवं वर्णन के समय हरियाणा, हरियाणा में 1857 में 5/23
December	EXAM
January	EXAM
February	UNIT-1 आधुनिक विश्व में वाणिज्यवाद का वर्णन, आधुनिक - विश्व में श्रमिक पतनीकी क्रांति, पुंजीवाद का विकास साम्राज्यवाद का विकास।
March	UNIT-2 यूरोप में फ्रांसीसी क्रांति का वर्णन व मानचित्र नारवायों, ब्रिटेन में उदारवाद का वर्णन, जर्मनी का एकीकरण उरली का एकीकरण - मानचित्र सहित, फ्रांसीसी व नाजीवाद का
April	अथवा लघु प्रश्न वास्तुशास्त्र UNIT-3 भारत में उपनिवेशवाद के चरण, चीन व पश्चिमी देश, जापान व पश्चिमी देश, विश्व युद्धों का वर्णन।
May	EXAM
June	EXAM

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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor Mahender Kumar

Paper with Code भारत का इतिहास (प्रथम काल से 300 ई. पू.) Class B.A. 1st Year Session 2022-23

Month	Name of Topic
July	
August	उ-3 पुरातत्त्वशास्त्र, बाल मजदूरी, बाल श्रम, बाल नव पाठ्यक्रम, बाल मातापिता, दुरुपयोग, वैदिक सभ्यता, जैन धर्म व बौद्ध धर्म के प्रति व्यक्तियां। प्राचीन काल का विस्तार से वर्णन। वैदिक काल का वर्णन, दुरुपयोग का विस्तार से वर्णन।
September	उ-3 विहित कृषि मंडल, अश्वमेध यज्ञ, शक्ति व गणपति का काल, भाष्य का उद्घाटन, जैन धर्म बौद्ध धर्म की शिक्षा, परमेश्वर का उद्घाटन। <u>वसुदेव</u>
October	उ-3 जैन मज्जिमा का उद्घाटन, युवा वंश का वर्णन, सात वाक्यों का अर्थ, धर्म में संशय का वर्णन, लघु उ-2
November	उ-3 मानविक अर्थ का सामुदायिक विस्तार, इतरक (शैलशासन), लघु उ-2 का विस्तार, प्राचीन भारत के महत्वपूर्ण व्यापारिक मार्ग, लघु उ-2-3, व <u>वसुदेव</u>
December	<u>Exam</u>
January	<u>Exam</u>
February	उ-3 मूल सामुदायिक का उद्घाटन व विस्तार, इतिहास और उसका साधन, धर्म के बीच संघर्ष, <u>वसुदेव</u> आधुनिक मज्जिमा का और, चालुक्य पदक और धर्म के बीच संघर्ष का वर्णन
March	उ-3 संस्कृत, पाल वंश एवं जैन धर्म की राजनीतिक वर्णन, तिपतीय संघर्ष का वर्णन, लघु उ-2 उ-3 उरु भारत में राजसूत संघर्ष का उद्घाटन, अरु का भारत पर प्रभाव उरु भारत में संघर्ष के लिए संघर्ष, युद्ध - अफगान शासन की स्थापना,
April	उ-3 मानविक : इतिहास का सामुदायिक, प्राचीन भारत में शक्ति वर्णन, लघु उ-2 का वर्णन, लघु उ-2-3
May	<u>Exam</u>
June	<u>Exam</u>

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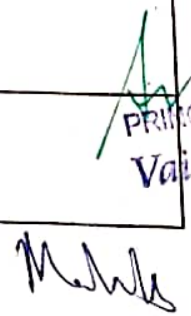
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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor Mahendar Kumar

Paper with Code भारत का इतिहास (1206 ई. से 1707 ई.) Class B.A. (H) Year 1 Session 2021-22

Month	Name of Topic
July	
August	U-I दिल्ली सल्तनत की स्थापना विस्तार एवं सुदृढीकरण, इल्तुतमिश व कुतुबुद्दीन इब्बातुल्लाह की शासन नीतियों की अवलोकन, प्रशासनिक एवं आर्थिक सुधारों का वर्णन, वास्तविक परिनीतता का वर्णन
September	U-II अहिंसावादी एवं धार्मिक आंदोलन का वर्णन, भारतीय साम्राज्य प्रेषण, बंगाल विद्रोह का वर्णन तथा मुत्ता अफगान साम्राज्य, मुगल राज्य का उदय एवं सुदृढीकरण का वर्णन। वास्तविक
October	सल्तनत एवं मुगल के राज्य स्थापना के शक्तिशाली का वर्णन का वर्णन, अहिंसावादी आंदोलन एवं प्रशासनिक व्यवस्था, मंत्रतन्त्र, जागीरदारी का वर्णन का वर्णन, अहिंसावादी विद्रोह का वर्णन का वर्णन। वास्तविक
November	आन्दोलन असाहसिक विद्रोहों के अन्तर्गत साम्राज्य, सल्तनतवादी 2182 का वर्णन का वर्णन का वर्णन का वर्णन। अहिंसावादी आन्दोलन का वर्णन का वर्णन का वर्णन का वर्णन। वास्तविक व लक्ष्य उद्देश्य
December	मुख्य घटना पर वास्तविक का वर्णन Exam
January	Exam
February	U-I 18वीं शताब्दी की व्याख्या का वर्णन, सल्तनत का उदय एवं औपनिवेशिक शक्ति की स्थापना का वर्णन, 1857 तक औपनिवेशिक शक्ति का विस्तार व सुदृढीकरण, लक्ष्य उद्देश्य
March	U-II 1857 की आन्दोलन का वर्णन आन्दोलन के साथ औपनिवेशिक अधिपत्य का वर्णन, 19वीं शताब्दी के साम्राज्यिक व व्यापक आंदोलन का वर्णन। U-III राष्ट्रवाद का उदय एवं विकास, राष्ट्रिय स्वतन्त्रता आंदोलन, सामुदायिक उत्पत्ति, विकास एवं भारत का विभाजन, वास्तविक
April	U-IV अहिंसावादी साम्राज्यिक व्यापक आंदोलन के संदर्भ, आन्दोलन आंदोलन के मुख्य घटना
May	Exam
June	Exam


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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor Mahender Kumar Class B.A.H.H. Year Session 2022-23

Paper with Code
इतिहास का इतिहास
उत्पादक विज्ञान का इतिहास

Name of Topic

Month	Name of Topic
July	
August	U- साहित्यिक एवं पुरातात्विक दृष्टि का वर्णन, पाखण काल की संस्कृति का वर्णन, इतिहास के अनेक सभ्यता, इतिहास में वैदिक संस्कृति एवं महात्मा बुद्ध का वर्णन, <u>वारतालाप</u>
September	U-2 ग्रीक एवं अरब गणतन्त्रीय संस्थाओं का वर्णन, पुस्तक ग्रीक चरों, लॉरेंस की क्रांति का वर्णन, तश्वर की लड़ाई का वर्णन, पानीपत की लड़ाई का वर्णन व उद्भव,
October	संस्कृत एवं तुर्क काल के दौरान कला एवं वास्तुकला का वर्णन, <u>पुरीकरण का उद्भव</u> U-3 अजिंथा एवं इले द्वीप का वर्णन, उद्योग संस्कृति का वर्णन एवं
November	इतिहास 1857 का योगदान, राष्ट्रीय आंदोलन, आदि राजा सेना के युद्ध तथा युद्धोन्मुख पक्ष, औद्योगिक एवं कृषि सुधार, राष्ट्रीय आंदोलन में इतिहास का योगदान, <u>वारतालाप</u>
December	Exam
January	Exam
February	U-1 आधुनिक विज्ञान में वैज्ञानिक विचार का वर्णन, आधुनिक विज्ञान में कृषि व तकनीकी आविष्कारों का वर्णन, पुस्तक का विकास, संश्लेषण का वैज्ञानिक व विकास विचार। <u>वारतालाप</u>
March	U-2 यूरोप में प्राचीन क्रांति का वर्णन व मानविकी का उद्भव, क्रिस्टोफर कोलंबस का उद्भव, <u>वारतालाप</u>
April	U-3 अरब में उपासक संस्था का वर्णन, चीन व जापान का परिचय, यूरोप के राष्ट्रों का वर्णन, उद्योग विज्ञान का वर्णन, द्वितीय विश्व युद्ध का वर्णन, <u>वारतालाप</u>
May	Exam
June	Exam

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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor: Ratan Singh

Paper with Code: Indian Govt. and Politics- 20UPOL201 B.A. 1st
Introduction to Political Theory- 20UPOL201

Session: 2022-2023

Month	Name of Topic
July	Basic features of Indian Constitution, Preamble, Fundamental Rights,
August	Directive Principles of State Policy, Federalism and Center-State Relations, President, Prime Minister, Governor
September	Parliament, Supreme Court, Judicial Review, Judicial Activism, Role of Caste, Role of class
October	Role of Regions, Role of Religion, Electoral Politics in India, Parties and Party system in India
November	Peasants, Workers, Womens and Environmental
December	University Examination
January	Meaning and Dimensions of Politics, Meaning, Nature, Scope and Relevance of Political Theory
February	Decline and Resurgence of Political Theory, Definitions and Elements of the State, Socialist theory of the State,
March	Liberal theory of the State, Neo- Liberal theory of the State, Meaning and types of the Liberty
April	Meaning and types of Equality, Relationship Between Liberty and Equality; Meaning and Models of Democracy, Citizenship, Civil Society
May	Rights and Gender
June	University Examination

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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor: Ratan Singh

Paper with Code: Comparative Govt. & Politics-20UPOL301 B.A. 2nd
Introduction to International Relations-20UPOL401 Session 2022-2023

Month	Name of Topic
July	Meaning, Nature, Scope and Methods of Comparative Politics
August	Authoritarian and Democratic, Parliamentary and Presidential System in UK and USA, Federal and Unitary System in Canada and China
September	First Past the Post, Proportional Representation, Mixed Systems, One Party System, Two Party System, Multi Party System,
October	Contemporary Debates on the Nature of State: From State Centric to Human Centric Security
November	Changing Nature of Nation State in the Context of Globalization
December	University Examination
January	Meaning, Nature, Scope of International Relations, Evolution as a Discipline of International Relations
February	Liberalism, Classical Realism, Neo- Realism, Origin of Cold War , Detente, End of Cold War, Collapse of the Soviet Union
March	Post Cold War Era and Emerging Centers of Power, Basic Determinants of Indian Foreign Policy
April	Non Alignment Movement, Terrorism, Climate Change and Global Warming
May	Globalization and its Challenges
June	University Examination




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Name of Assistant/Associate Professor Ratan Singh

Paper with Code Comparative Politics- 2001518 (Class B.A. 3rd) Session 2022-2023
Comparative Constitution of U.K, USA- 2001618

Month	Name of Topic
July	Meaning, Definition and Scope of Comparative Politics , Traditional and Modern Concerns
August	Comparative Methods, Input Output Approach to the Study of Comparative Politics, Structural Function Approach to the Study of Comparative Politics
September	Political Development, Political Culture, History, Nature and types of Constitutionalism
October	Problem Against Constitutionalism in Modern times, Executive , Legislature , Judiciary
November	Political Parties and Pressure Groups
December	University Examination
January	Evolution, Conventions, Legacies and Basic Features of Constitution of UK and USA, Socio-economic Basis of Constitutions of UK and USA
February	Comparative Study of Executive, Legislature and Judiciary System of UK and USA
March	Comparative Studies of Structures, Functions and Role of Political Parties and Pressure Groups of UK and USA
April	Electoral Process and Voting Behaviour of UK and USA
May	Bureaucracy and Recent Trends of the Working of the Systems of UK and USA
June	University Examination

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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor Dr. Reena

Paper with Code Indian Govt. and Politics- 20UPOU1004 B.A. 1st
Introduction to Political Theory- 20UPOU201

Session 2022-2023

Month	Name of Topic
July	Basic features of Indian Constitution, Preamble, Fundamental Rights.
August	Directive Principles of State Policy, Federalism and Center-State Relations, President, Prime Minister, Governor
September	Parliament, Supreme Court, Judicial Review, Judicial Activism, Role of Caste, Role of class
October	Role of Regions, Role of Religion, Electoral Politics in India, Parties and Party system in India
November	Peasants, Workers, Womens and Environmental
December	University Examination
January	Meaning and Dimensions of Politics, Meaning, Nature, Scope and Relevance of Political Theory
February	Decline and Resurgence of Political Theory, Definitions and Elements of the State, Socialist theory of the State.
March	Liberal theory of the State, Neo-Liberal theory of the State, Meaning and types of the Liberty
April	Meaning and types of Equality, Relationship Between Liberty and Equality, Meaning and Models of Democracy, Citizenship, Civil Society
May	Rights and Gender
June	University Examination

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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor Dr. Reena

Paper with Code Comparative Govt. & Politics-20UPO1301 B.A. 2nd Session 2022-2023
Introduction to International Relations-20UPO1401

Month	Name of Topic
July	Meaning, Nature, Scope and Methods of Comparative Politics
August	Authoritarian and Democratic, Parliamentary and Presidential System in UK and USA, Federal and Unitary System in Canada and China
September	First Past the Post, Proportional Representation, Mixed Systems, One Party System, Two Party System, Multi Party System.
October	Contemporary Debates on the Nature of State: From State Centric to Human Centric Security
November	Changing Nature of Nation State in the Context of Globalization
December	University Examination
January	Meaning, Nature, Scope of International Relations, Evolution as a Discipline of International Relations
February	Liberalism, Classical Realism, Neo- Realism, Origin of Cold War , Detente, End of Cold War, Collapse of the Soviet Union
March	Post Cold War Era and Emerging Centers of Power, Basic Determinants of Indian Foreign Policy
April	Non Alignment Movement, Terrorism, Climate Change and Global Warming
May	Globalization and its Challenges
June	University Examination


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Name of Assistant/Associate Professor Dr. Reena

Paper with Code Comparative Politics- 2001518 Class B.A. 3rd Session 2022-2023
Comparative Constitution of U.K, USA- 2001618

Month	Name of Topic
July	Meaning, Definition and Scope of Comparative Politics , Traditional and Modern Concerns
August	Comparative Methods, Input Output Approach to the Study of Comparative Politics, Structural Function Approach to the Study of Comparative Politics
September	Political Development, Political Culture, History, Nature and types of Constitutionalism
October	Problem Against Constitutionalism in Modern times, Executive , Legislature , Judiciary
November	Political Parties and Pressure Groups
December	University Examination
January	Evolution, Conventions, Legacies and Basic Features of Constitution of UK and USA, Socio-economic Basis of Constitutions of UK and USA
February	Comparative Study of Executive, Legislature and Judiciary System of UK and USA
March	Comparative Studies of Structures, Functions and Role of Political Parties and Pressure Groups of UK and USA
April	Electoral Process and Voting Behaviour of UK and USA
May	Bureaucracy and Recent Trends of the Working of the Systems of UK and USA
June	University Examination

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LESSION PLAN

Name of Assistant Professor: Dr. Anil Kumar Sharma

Paper Name: Psychopathology & Applied Psychology

Class B.A 3rd year

Session 2022-2023

Month	Name of Topic
July 2022	Unit -1 Definition and Criteria of Abnormality Models of Psychopathology: Biological, Practical – clinical interview
August 2022	Psychodynamic, Behavioural, and Cognitive Practical – TAT, DMI
September 2022	Unit- 2 Classification of Psychopathology: Need for classification, DSM system.,Diagnostic Assessment: Case history, Interview, Projective techniques. Practical - SCAT
October 2022	Unit -3 Anxiety Based Disorders: GAD, OCD, and Phobic disorders- Symptom and Causes. Substance/drug abuse – Causes, Consequences and Rehabilitation Practical- depression scale
November 2022	Unit-4 Mood disorders: Unipolar and bipolar-Symptoms and causes. Schizophrenia: Nature, types, and causes Practical - PGIMS
December 2022	
January 2023	Unit-1 Applied Psychology: Meaning, History, fields, and careers in psychology. Organizational Psychology: Nature, Scope, objectives, and development. Practical -Stress
February 2023	Unit-2 Guidance: Objectives, Principles, types of guidance, Organization of guidance programme. Counselling: Need, Principles, Special areas, and Types of Counselling. Practical –GHAQ, General well-being
March 2023	Unit -3 Health Psychology: Meaning, Scope and Objectives; Concept of health and illness. Psychological factors in physical illness, Life style and health, Stress and coping. Practical- life style scale
April 2023	Unit-4 Forensic psychology: Psychology and Law, Eyewitness Memory; Accuracy and improvement.
May 2023	Statistics: Correlation- Meaning, Rank difference, and Product moment method. Practical –adjustment inventory
June 2023	

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LESSION PLAN

Name of Associate Professor: Dr. Satish Kumar

Paper Name: Foundations of Psychology & Social Psychology

Paper with code 20UPSY101 & 20UPSY201

Class B. A 1st Year

Session 2022-2023

Month	Name of Topic
July	Psychology: A science and a perspective, Origin and Development of Psychology, Psychology in India. Practical- Observation
August	Methods: Observation, Experimental and Survey Nature of Perception, Law of perceptual organization Practical-Intelligence test
September	Learning : Classical conditioning, Operant conditioning, Observation learning Memory: information processing model, techniques for improving memory Practical – maze learning , LTM
October	Motives : biogenic and sociogenic , Emotions: aspect of emotions, James-Lange, Cannon-Bard Personality : nature , theories : cattell and allport Practical – study of emotion
November	Intelligence : nature , theories : Spearman and Thurston Practical - EPI
December	Exam
January	Unit-1 Introduction: Nature, Brief History of Social Psychology (Special Emphasis on India). Scope of social psychology Practical – sociometry
February	Approaches towards understanding social behavior, unit-2 Socialization: Nature, Socialization: meaning and Agencies Person perception : attribution-theories biases and error Practical -Attitude
March	Unit-3 interpersonal attraction, pro-social behavior , aggression Practical - Altruism Scale
April	Unit-4 group dynamics, key aspect of groups , cooperation and conflict Practical – aggression scale
May	Group decision making
June	Exam

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LESSION PLAN

Name of Assistant Professor: Dr. Harikesh

Paper Name Psychological Disorders & Statistical Methods and Psychological Research

Paper code: 20UPSY301 & 20UPSY401

Class B. A 2nd year

Session 2022-2023

Month	Name of Topic
July 2022	Unit-1 Definition and Criteria of Abnormality Practical – clinical interview
August 2022	Classification : meaning purpose, DSM-IV key features, diathesis model of stress Unit-2 approaches to psychopathology: biological Practical – TAT, WAIS
September 2022	Biological, Psychodynamic, Behavioural, Cognitive, cultural Clinical states : anxiety disorders –OCD Practical - SCAT
October 2022	Unit-3 Mood Disorders: Unipolar and bipolar, schizophrenia, learning disabilities Practical – depression
November 2022	Unit -4 treatment of disorders, biological, pharmacotherapy and ECT, psychological treatment: psychoanalytic, behavior and cognitive – behavior therapy
December 2022	
January 2023	Unit -1 introduction: scales of measurement, graphical representation of data Practical - data entry
February 2023	Unit-2 data analysis: measures of central tendencies: Mean, Mode, Mode Standard deviation : properties and computation, correlation : Pearson method Practical- computation of central tendencies by excel/SPSS
March 2023	Unit-3 Psychological testing: introduction of psychological testing, characteristics of test, reliability, validity, properties of normal probability curve Practical -GHQ
April 2023	Unit-4 norms, standardization, types of tests , qualitative methods : Practical – calculation of correlation by excel/SPSS
May 2023	interview observation and case study
June 2023	

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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor Dr. Navender Chahal

Paper with Code Micro Economics 20UECO2d Class B.A. I year Session 2022-23
Micro Economics 20UECO202

Month	Name of Topic
July	
August	
September	Concept & Determinants of Demand, Law of Demand Elasticity of Demand - Determinants, Measurements Cardinal utility - Importance, Consumer surplus
October	Supply - Concept, Law, Elasticity Indifference curve, Consumer Equilibrium Law of Returns to Scale & Returns to factor
November	characteristics of Isoquant curves, Ridgelines Traditional Theory of costs Modern Theory of costs
December	Envelop curves of costs Revenue - Concept, Total, Marginal, Average Revenue, Breakeven Analysis
January	EXAMS
February	Perfect Competition - Price determinants Monopoly - Equilibrium, Price Discrimination
March	Monopolistic Competition - Price determination equilibrium, selling costs Oligopoly - Concept, Price Rigidity, Models
April	Oligopoly - Collusive Oligopoly Marginal Productivity Theory
May	Richardian Theory of Rent Modern Theory of Rent Theories of Profit Theories of Interest
June	

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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor Dr. Narender Chahal

Paper with Code Development Economics Class B.A. III Year Session 2022-23
International Economics

Month	Name of Topic
July	
August	
September	Features of under developing countries Economic Growth and Development - Determinants, Measurement and obstacles Vicious circle of Poverty
October	Balanced & Unbalanced Growth - Theories, Advantage Features, Criticism, Forward Backward Linkage Lewis Model - Process of Growth, criticism Leibenstein's minimum effort Thesis - Stages, criticism
November	Types of natural resources, Meaning of environment Environment - Features, Components, Scope Environment as necessity and luxury Population - environment linkage
December	Features of environment as a Public Good Pollution - Types, Causes, Effect Sustainable Development - Indicators, Measurement Importance
January	
February	Interregional and International Trade - Merits / Demerits Comparative Cost Theory Heckscher Ohlin Theory - explanation, Comparison Rate of exchange, Determination & Theories
March	Fixed Flexible exchange rate and its Policy Free Trade vs. Protection, Terms of Trade Exchange Control - objectives, Methods India's Foreign Trade - volume, composition
April	Directions of India's Foreign Trade Balance of Trade and Balance of Payments BoP in India - Causes of adverse BoP, Measures Foreign Trade Multiplier - Precautions, Leakages
May	International Monetary Fund - objectives, Functions Advantages of India with IMF and World Bank World Trade Organisation - Aggregates, Management SAAPTA - objectives, Conferences, SAARC and India
June	


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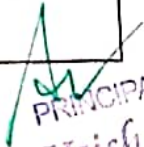
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Name of Assistant/Associate Professor Dr. Navender Chahal

Paper with Code Macro Economics 20UECO ²⁰³ Class B.A. II yr Session 2022-23
Macro Economics 20UECO 204

Month	Name of Topic
July	
August	
September	Macro Economics - Concept, Scope National Income Accounting - Concept, Measurement classical Theory of Income & Employment
October	Says' Law of Demand Keynes Theory of Income & Employment Consumption - APC, MPC, Psychological Law of C.
November	Investment - Types, Influencing Factors marginal efficiency of Capital - Determinants & Influencing factors Multiplier Process & Leakages
December	Circular Flow of National Income Two, Three, four sector Model of National Income Net export function; Equilibrium GDP
January	
February	Money in Modern Economy - Concept, Functions Monetary Aggregates Demand for Money Quantity Theory of Money
March	Credit Creation Liquidity Preference Theory Concept & Criticism Monetary Policy - Instruments
April	Fiscal Policy - Instruments, Economic Development IS LM Analysis, Shifts in AD curve Hicks & Samuelson Trade Cycles
May	Balance of Payments Market for Foreign Exchange, Determination Inflation - Concept, Types, Determinants
June	


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Name of Assistant/Associate Professor M. Nandan Singh

Paper with Code Business Economics 19BC103 Class B.Com Year I Session 2022-23
Indian Economy & Business Environment 19BC-202

Month	Name of Topic
July	
August	
September	Production Possibility Curve, Price Mechanism Law of Demand, Determinants, Elasticity of Demand Measurements of elasticity of Demand Supply - Factors, concept, elasticity
October	Returns to a factor & Returns to scale Isoquant Curves, Producers' equilibrium Cardinal Utility Analysis Indifference Curve - Properties, Budget Line
November	Traditional & Modern Theory of Costs Classification of Market & Perfect Competition Equilibrium of monopoly Equilibrium of Monopolistic Competition
December	Price discrimination under monopoly oligopoly - Price Rigidity, Models, Collusive oligopoly Revision
January	
February	Business Environment - Types & Components Environmental Analysis - Importance and Process SWOT Analysis and MITI Aayog Economic environment
March	Unemployment - Causes & suggestions Inflation - Types, Causes & suggestions Industrial sickness Industrial Policy
April	Industrial Policy - Continued Monetary Policy - its instruments Fiscal Policy - its Instruments International Monetary Fund and India
May	Liberalisation, Privatisation, Globalisation - Concept World Trade - Advantage/Disadvantages of India World Bank - Functions, Relation with India
June	

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LESSON PLAN PERFORMA

Name of Associate Professor- Dr. Shruti Rani

Session: 2022-23

Class: BSc. Ist Year

Paper with Code: 1. Calculus(20UMTH102)

2. Mathematical Lab-I (20UMTH103) (Odd Sem.)

1.Number Theory and Trigonometry(20UMTH201)

2.Mathematical Lab-II(20UMTH203)(Even Sem.)

Sr. No.	Months	Topics
1.	October	Introduction of Differentiation and Integration, Chapter 1: Limit, continuity, differentiability
2.	November	Chapter 2: Successive differentiation, Leibnitz theorem. Revision Chapter 3: Some general theorems on differentiable functions and expansions Chapter 4: Asymptotes, MS-Excel Introduction, Revision
3.	December	Chapter 5: Curvature Chapter 6: Singular Points Chapter 7: Curve Tracing, MS-Excel Practical, Revision
4.	January	Chapter 8: Reduction Formulae, Chapter 9: Rectification Chapter 10: Quadrature MS-Excel Practical Revision
5.	February	Chapter 11: Volumes and surfaces of Solids of Revolution, MS-Excel Practical Revision
6.	March	Examination
7.	April	Divisibility, Greatest common divisor, Least common multiple, Primes, Fundamental theorem of Arithmetic, Linear congruencies, Fermat's theorem, Wilson theorem and its converse, MS-Excel Practical Revision
8.	May	Complete residue system and reduced residue system modulo m, Euler's function and Euler generalization of Fermat's theorem, Chinese Remainder theorem, Quadratic Residues, Legendre Symbol, Gauss's Lemma, Gauss reciprocity law, Greatest integer function, Divisor function, Sum Function, MS-Excel Practical Revision
9.	June	Gauss reciprocity law, Greatest integer function, Divisor function, Sum Function, DeMoivre's theorem and its applications, Expansion of trigonometric functions, Direct circular and hyperbolic functions and their properties, Logarithm of a complex quantity, Gregory's series, Summation of trigonometric series, MS- Excel Practical, Revision
10.	July	Examination

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LESSON PLAN PERFORMA

Name of Associate Professor- Dr. Shruti Rani

Session: 2022-23

Class: BSc IInd year

Paper with Code:

1. Differential Equations (20UMTH301)

2. Mathematical lab-III(20UMTH303) (Odd Sem.)

1.Groups and Rings(20UMTH402)

2. Mathematical Lab-IV (20UMTH403 (Even Sem.)

Sr. No.	Months	Topics
1.	September	Geometrical meaning of a differential equation. Exact differential equations, integrating factors. First order higher degree equations solvable for x, y, p Lagrange's equations, Clairaut's equations. Equation reducible to Clairaut's form. Singular solutions. Mathematical Lab-III Revision
2.	October	Orthogonal trajectories: in Cartesian coordinates and polar coordinates. Self orthogonal family of curves. Mathematical Lab-III Revision
3.	November	Linear differential equations with constant coefficients. Homogeneous linear ordinary differential equations. Equations reducible to homogeneous linear ordinary differential equations. Mathematical Lab-III Revision
4.	December	Partial differential equations: Formation, order and degree, Linear and Non-Linear Partial differential equations of the first order: Complete solution, singular solution, General solution, Solution of Lagrange's linear equations, Charpit's general method of solution. Jacobi's method. Mathematical Lab-III Revision
5.	January	Linear partial differential equations of second and higher orders, Linear and non-linear homogenous and non-homogenous equations with constant coefficients, Revision
6.	February	Examination
7.	March	Definition of a group with example and simple properties of groups, Subgroups and Subgroup criteria, Generation of groups, cyclic groups, Cosets, Left and right cosets, Index of a sub-group Coset decomposition, Lagrange's theorem and its consequences, Normal subgroups, Quotient groups, Homomorphisms, isomorphisms, automorphisms and inner automorphisms of a group. Automorphisms of cyclic groups, Mathematical Lab-IV Practical
8.	April	Permutations groups. Even and odd permutations. Alternating groups, Cayley's theorem, Center of a group and derived group of a group. Introduction to rings, subrings, integral domains and fields, Characteristics of a ring. Ring homomorphisms, Mathematical Lab-IV Practical

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	May	Ideals (principal, prime and Maximal) and Quotient rings, Field of quotients of an integral domain Euclidean rings, Polynomial rings, Polynomials over the rational field, The Eisenstein's criterion, Polynomial rings over commutative rings, Unique factorization domain, R unique factorization domain implies so is $R[X_1, X_2, \dots, X_n]$ Mathematical Lab-IV Practical
10.	June	Examination

Name of Associate Professor- Dr.Sanjay Kumar Goyal

Class: BSc./B.A Ist Year

Paper with Code: 1. Algebra (20UMTH101)

2. Mathematical Lab-I (20UMTH103) (Odd Sem.)

1. Vector Calculus.(20UMTH202)

2. Mathematical Lab-II (20UMTH203)(Even Sem.)

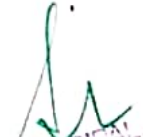
Sr. No.	Months	Topics
1.	October	Symmetric, Skew symmetric, Hermitian and skew Hermitian matrices. Elementary Operations on matrices. Rank of a matrices. Inverse of a matrix. Linear dependence and independence of rows and columns of matrices. Row rank and column rank of a matrix. Eigenvalues, eigenvectors and the characteristic equation of a matrix. Mathematical Lab-I Practical(Introduction of MS-EXcel)
2.	November	Minimal polynomial of a matrix. Cayley Hamilton theorem and its use in finding the inverse of a matrix., Applications of matrices to a system of linear (both homogeneous and non-homogeneous) equations. Theorems on consistency of a system of linear equations. Unitary and Orthogonal Matrices, Bilinear and Quadratic forms. MS-Excel Practical Based on Algebra
3.	December	Relations between the roots and coefficients of general polynomial equation in one variable. Solutions of polynomial equations having conditions on roots. Common roots and multiple roots. Transformation of equations. MS-Excel Practical Based on Algebra
4.	January	Nature of the roots of an equation Descarte's rule of signs.Solutions of cubic equations(Cardon's method). Biquadratic equations and their solutions. MS-Excel Practical BasedAlgerba
5.	February	Revision of Book and Mathematical Lab-I Practical
6.	March	Examination
7.	April	Scalar and vector product of three vectors, product of four vectors. Reciprocal vectors. Vector differentiation. Scalar Valued point functions, vector valued point functions, derivative along a curve, directional derivatives. Gradient of a scalar point function, geometrical interpretation of grad ϕ Divergence and curl of vector point function, characters of

		<p>Div f Gradient, divergence and curl of sums and product and their related vector identities. Laplacian operator. MS-Excel Practical Based on Vector Calculus</p>
8.	May	<p>Orthogonal curvilinear coordinates Conditions for orthogonality fundamental triad of mutually orthogonal unit vectors. Gradient, Divergence, Curl and Laplacian operators in terms of orthogonal curvilinear coordinates, Cylindrical co-ordinates and Spherical co-ordinates. MS-Excel Practical Based on Vector Calculus</p>
9.	June	<p>Vector integration; Line integral, Surface integral, Volume integral. Theorems of Gauss, Green & Stokes and problems based on these theorms. MS-Excel Practical Based on Vector Calculus</p>
10.	July	Examination

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Name of Asstt, Professor	Dr. Seema Bansal		Session 2022-23
Paper with code	Numerical Methods with programming in C(20UMTH302) odd sem. Mechanics (20UMTH401) Even sem.	1. Real Analysis (BM 351) 2. Numerical Analysis (BM 353) (odd sem.)	1. Real and Complex Analysis (BM 361) Dynamics (BM 363) (even sem.)
Class	BA/B.Sc/Mh IInd Year		
Month	Name of the Topic		
Sept.	Programmer's model of computer, algorithms, flowcharts, data types, operators and expressions, Input/output functions. Decision control structure: decision statements, logical and conditional statements, implementation of loops, switch statement and case control structures,	Riemann integral, integrability of continuous and monotonic functions, the fundamental theorem of integral calculus, mean value theorems of integral calculus: improper integral and their convergence, comparison test, Abel's and Dirichlet's tests, Frullani's integral.	
October	Functions preprocessor and arrays. Strings: character data type, standard string handling functions, arithmetic operations on characters.	Integral as a function of a parameter, continuity, differentiability and integrability of an integral of a function of a parameter. Definition and examples of metric spaces, neighbourhood, limit points, interior points, open and close sets, closure and interior, boundary points.	
November	structures: definition, using structures, use of structure in arrays and arrays in structures, Pointers: pointers data type, pointers and arrays pointers and functions.	Subspaces of a metric space, equivalent metrics, Cauchy sequences, completeness, Cantor's intersection theorem, Baire's category theorem, contraction principle.	Continuous function, uniform continuity, compactness for metric spaces, sequential compactness, Bolzano weierstrass property, total boundedness, Finite intersection property.


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December	Solution of algebraic and transcendental equations: Bisection method, Regular Falsi method, Newton Raphson's method, Newton's iterative method for finding pth root of a number, order of convergence of above methods.	continuity in relation with compactness, connectedness, components, continuity in relation with connectedness, Finite Difference operators, Interpolation with equal intervals, Interpolation with unequal intervals,
January	Simultaneous linear algebraic equations: Gauss- elimination method, Gauss Jordan method, triangularization method(LU decomposition method), crout's method, cholesky decomposition method, iterative method, Jacobi's method, Gauss Seidel's method, Relaxation method.	Central difference interpolation formulae, Probability Distributions.
February	Exam	Exam
March	Composition and resolution of forces, Resultant of two parallel forces and their applications, Moments and couples.	Jacobians, beta and gamma functions, double and triple integral, Dirichlet's integral, change of order of integration in double integral. Fourier's series: Fourier expansions of piecewise monotonic functions, properties of Fourier coefficients, Dirichlet's conditions, Parseval's identity for Fourier's series, Fourier's series for Even and Odd functions, half range series, change of intervals.
April	Analytic condition of equilibrium of coplanar forces, Velocity and acceleration along radial, transverse, tangential and normal directions, relative velocity and acceleration, simple harmonic motion.	Extended Complex plane, Stereographic graphic projection of complex numbers, continuity and differentiability of complex function, analytic functions, CR equations, harmonic functions. Mapping by elementary functions : translation, rotation, magnification and inversion conformal mapping, mobius transformation, fix points, cross ratio, inverse points and Critical mappings.

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May	Elastic strings, Newton's laws of motion, work, power energy	Velocity and acceleration along radial, transverse, tangential and normal direction, relative velocity and acceleration, SHM, elastic strings, Mass, Momentum and force, Newton's laws of motion, Work, Power and energy, Definitions of conservative forces and impulsive forces
June	Exam	Exam


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LESSON PLAN PERFORMA

Name of the student/Teacher: Bhadrakshi Singh
 Page: 4th of 6th Date: 12.12.2023 Session: 2022-2023

Month	Name of Topic
July	
August	
September	
October	
November	
December	
January	Definition of a Matrix, Types of Matrix, Applications of matrix operations for 2×2 or simple business determinants and inverse of a matrix, 3×3 of systems of linear
February	Compound Interest, different type of Interest rate, Annuities Type, Present value and amount of an annuity
March	Concept of differentiation, Simple Standard form application of differentiation, maxima and minima of $f(x)$
April	Definition of Permutation and combinations, Formulas fundamental theorem of counting, Expansion and difference between sequence and series
May	Exam
June	

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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor Bhanuwar Singh

Paper with Code B.Sc III 20UMTH 101, 201 Class B.Sc Bst Session 2022-2023
B.Sc IInd

Month	Name of Topic	
July	B.Sc ISt	B.Sc IInd 20UMTH 102
August	Algebra of matrix, Rank of matrix, Inverse, L.D, L.U, eigen vectors and the character of eqn Cayley Hamilton thm.	Programmed method of a computer Algorithm, Flow Chart logical & Conditional statement implementation of loops
September	Application of matrix to a system of linear, unitary and orthogonal matrix, Bilinear & quadratic forms.	Strings character sets type standard string Rallugherc. Arithmetic operation & character Use of Structures in Arrays
October	Relations Between the roots and coefficients of general Poly. eqn in one variable, Trans. of eqn.	Solns of Algebraic & Transcendental Equ. Besselian method order of convergence of above method
November	Nature of the roots of an eqn. Descartes rule of signs, Cardan method.	Gauss elimination Method Gauss Jordan method Iterative Method, Jacobi Method
December	Exam	Exam
January	Gradient of a scalar point fun Directional derivative Character of Gradient of pair of fun.	Definition of a group with Example with sub groups cyclic groups Lagrange Index of a sub groups Lagrange Normal sub groups quotient groups
February	Orthogonal Curvilinear Coordinates Gradients Divergence curl Laplacian operator, cylindrical Co-ordinates and Spherical	Homomorphism auto morphism & inner automorphisms of a group, kernel of group, Cayley's theorem, center of group, additive group
March	vector Integration the integral volume, Green and Stokes thm.	Ring subring integral domain & field Ring for Homomorphism Quotient Ring
April	General Soln. second degree Tracing of conics chord of contact, Pole of line to the conic	Euler's Ring poly Ring poly over the rational field play ring over commutative ring
May	Exam	Exam
June		

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LESSON PLAN PERFORMA

Name of Assistant Professor: Dr KAMLESH
Paper with Code: Swachh Bharat (SB-100)
Class: MA (Hindi) 1stSem Session: 2022-23

Month	Name of Topic
July	
August	
September	UNIT 1: Explain Swachhata, Ways of awareness for Swachhata, Personal Hygiene
October	UNIT 2: Health and Health Education, Balance diet and Sanitation practices
November	UNIT 3: Solid waste management, Segregation, Disposal Non-Biodegradable and Biodegradable waste
December	UNIT 4: Compost pits, Biogas plants, ways of campaigning Role of Gram panchayat in Swachhata
January	
February	
March	
April	
May	
June	


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Name of Assistant Professor: Dr KAMLESH
Paper with Code: Environment with Energy Management (18-EEM-100)
Class: MA (Hindi) 3rd Sem Session: 2022-23

Month	Name of Topic
July	
August	
September	UNIT 1: Causes, Risk factors and prevention strategies for air, water, soil, radioactive and noise pollution
October	Chemical and Biological methods for the measurement of pollution, acid rain, Greenhouse effect and ozone depletion
November	UNIT 2: Concept, scope and limitations of Environmental management, vermicomposting, biogas production, biocontrol agents, bioremediation, biomining
December	UNIT 3: Renewable and non-renewable sources of energy, their advantages and disadvantages, solar energy, basic principle and applications UNIT 4: Geothermal, wind and tidal energy: basic principle, advantages and disadvantages, applications
January	
February	
March	
April	
May	
June	

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Name of Assistant Professor: Dr KAMLESH
Paper with Code: Environment with Energy Management (18-EEM-100)
Class: MA (History) 1stSem Session: 2022-23

Month	Name of Topic
July	
August	
September	UNIT 1: Causes, Risk factors and prevention strategies for air, water, soil, radioactive and noise pollution
October	Chemical and Biological methods for the measurement of pollution, acid rain, Greenhouse effect and ozone depletion
November	UNIT 2: Concept, scope and limitations of Environmental management, vermicomposting, biogas production, biocontrol agents, bioremediation, biomining
December	UNIT 3: Renewable and non-renewable sources of energy, their advantages and disadvantages, solar energy, basic principle and applications UNIT 4: Geothermal, wind and tidal energy: basic principle, advantages and disadvantages, applications
January	
February	
March	
April	
May	
June	

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LESSON PLAN PERFORMA

Name of Assistant Professor: Dr KAMLESH

Paper with Code: Environment with Energy Management (18-EEM-100)

Class: MSc (Chemistry) 1stSem Session: 2022-23

Month	Name of Topic
July	
August	
September	UNIT 1: Causes, Risk factors and prevention strategies for air, water, soil, radioactive and noise pollution
October	Chemical and Biological methods for the measurement of pollution, acid rain, Greenhouse effect and ozone depletion
November	UNIT 2: Concept, scope and limitations of Environmental management, vermicomposting, biogas production, biocontrol agents, bioremediation, biomining
December	UNIT 3: Renewable and non-renewable sources of energy, their advantages and disadvantages, solar energy, basic principle and applications UNIT 4: Geothermal, wind and tidal energy: basic principle, advantages and disadvantages, applications
January	
February	
March	
April	
May	
June	

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VAISH COLLEGE, BHIWANI
LESSON PLAN PERFORMA

Name of Assistant Professor: Dr KAMLESH

Paper with Code: Environment with Energy Management (18-EEM-100)

Class: MSc (Physics) 2ndSem Session: 2022-23

Month	Name of Topic
July	
August	
September	
October	
November	
December	
January	
February	UNIT 1: Causes, Risk factors and prevention strategies for air, water, soil, radioactive and noise pollution
March	Chemical and Biological methods for the measurement of pollution, acid rain, Greenhouse effect and ozone depletion
April	UNIT 2: Concept, scope and limitations of Environmental management, vermicomposting, biogas production, biocontrol agents, bioremediation, biomining
May	UNIT 3: Renewable and non-renewable sources of energy, their advantages and disadvantages, solar energy, basic principle and applications UNIT 4: Geothermal, wind and tidal energy: basic principle, advantages, and disadvantages, applications
June	



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LESSON PLAN PERFORMA

Name of Assistant Professor: Dr KAMLESH
Paper with Code: Environmental Studies (21EVS100)
Class: BA, 2nd Sem Session: 2022-23

Month	Name of Topic
July	
August	
September	
October	
November	
December	
January	
February	UNIT 1: Definition, scope and importance. UNIT 2: Natural resources: Renewable and non-renewable resources: Forest, water, mineral, food, energy and land resource, Role of an individual in conservation of natural resources, Equitable use of resources for sustainable lifestyles. UNIT 3: Ecosystems: structure & functions, Ecological succession. Food chains, food webs and ecological pyramids. Introduction, types, characteristic features, structure and function of major eco-systems
March	UNIT 4: Biodiversity: Definition, levels, Value of biodiversity, Biodiversity at global, National and local levels, India as a mega-diversity nation, Hot-spots, Threats to biodiversity, Endangered and endemic species of India, Conservation of biodiversity UNIT 5: Environmental pollution: Air, Water, Soil, Marine, Noise, Thermal, Nuclear hazards, Solids waste management, Role of an individual in prevention of pollution.
April	UNIT 6: Social issues and the Environment: sustainable development. Urban problems related to energy. Water conservation, rain water harvesting, watershed management. Resettlement and rehabilitation of people, Environmental ethics, Climate change, global warming, acid rain, ozone layer depletion, nuclear accidents, Wasteland reclamation. Consumerism and waste products. Environment Protection Act. Air (Prevention and Control of pollution) Act. Water (Prevention and Control of pollution) Act. Wildlife Protection Act. Forest Conservation Act.


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May

UNIT 7: Human population and the Environment: Population growth, variation among nations. Population explosion- Family Welfare Programme. Environment and human health. Human Rights. Value Education. HIV/AIDS. Woman and Child Welfare Role of Information Technology in Environment and human health.

June

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VAISH COLLEGE, BHIWANI

LESSON PLAN PERFORMA

Name of Assistant Professor: Dr KAMLESH

Paper with Code: Environmental Studies (21EVS100)

Class: BSC 2ndSem Session: 2022-23

Month	Name of Topic
July	
August	
September	
October	
November	
December	
January	
February	UNIT 1: Definition, scope and importance. UNIT 2: Natural resources: Renewable and non-renewable resources: Forest, water, mineral, food, energy and land resource, Role of an individual in conservation of natural resources. Equitable use of resources for sustainable lifestyles. UNIT 3: Ecosystems: structure & functions, Ecological succession. Food chains, food webs and ecological pyramids. Introduction, types, characteristic features, structure and function of major eco-systems
March	UNIT 4: Biodiversity: Definition, levels, Value of biodiversity, Biodiversity at global, National and local levels, India as a mega-diversity nation, Hot-spots, Threats to biodiversity, Endangered and endemic species of India, Conservation of biodiversity UNIT 5: Environmental pollution: Air, Water, Soil, Marine, Noise, Thermal, Nuclear hazards, Solids waste management, Role of an individual in prevention of pollution.
April	UNIT 6: Social issues and the Environment: sustainable development. Urban problems related to energy. Water conservation, rain water harvesting, watershed management. Resettlement and rehabilitation of people, Environmental ethics, Climate change, global warming, acid rain, ozone layer depletion, nuclear accidents, Wasteland reclamation. Consumerism and waste products. Environment Protection Act. Air (Prevention and Control of pollution) Act. Water (Prevention and Control of pollution) Act. Wildlife Protection Act. Forest Conservation Act.

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May

UNIT 7: Human population and the Environment: Population growth, variation among nations. Population explosion- Family Welfare Programme. Environment and human health. Human Rights. Value Education. HIV/AIDS. Woman and Child Welfare Role of Information Technology in Environment and human health.

June


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LESSON PLAN PERFORMA- Session 2022-2023

Name of Assistant: Dr. Deepak Rohilla

Paper with code: **Concepts In Inorganic Chemistry, 22CHE101** Class: - M.Sc. 1st year

Month	Name of Topic
November	Symmetry elements and symmetry operations, pure rotations, improper rotations, Rotation Reflection and Rotation Inversion, Point symmetry group, Representation of groups by matrices, character of a representation, reducible and irreducible representation, The great orthogonality theorem, Derivation of character tables.
December	VSEPR Theory, Bent Rule and energetic of hybridization, Stepwise and overall formation constants, factors affecting the stability of metal complexes, Irving-William series, Chelate effect, Crystal field theory, d-orbital splitting in octahedral, square planar, square pyramidal and trigonal bipyramidal
January	Jahn Teller distortion, molecular orbital theory of octahedral, tetrahedral and square planer complexes, inert and labile complexes, kinetics of octahedral substitution, acid hydrolysis and factors affecting them, base hydrolysis, conjugate base mechanism, anation reaction, reaction without metal ligands bond cleavage, racemization of tris chelate complexes.

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LESSON PLAN PERFORMA- Session 2022-2023

Paper with code: Principles of Physical Chemistry, 22CHE102 Class: - M.Sc. 1st year

Month	Name of Topic
November	Introduction to Quantum mechanics, Postulates of Quantum mechanics, Quantum mechanical operators and their commutation relation, Hermation operators and their commutation relation, ladder operators and its effect on angular momentum operator. Derivation of uncertainty principle, Schrodinger wave equation for a free particle and for particle in one dimensional box, average momentum and average energy, utility of particle in 1D box and Schrodinger wave equation for a free particle and for particle in three dimensional box and concept of degeneracy of energy levels. First and second law of thermodynamics including carnot cycle, entropy change in reversible and irreversible processes, variation of entropy with temperature, pressure and volume, criteria for the spontaneity of reaction, free energy function and their significance, Maxwell relation, partial molar quantities, Gibbs-Duhem equation, variation of chemical potential with temperature and pressure, chemical potential with temperature and pressure, thermodynamics functions of mixing
December	Brief description of integrated rate laws of zero, first and second order reaction with graphical representation, Lindmann-Hinshelwood mechanism of unimolecular reaction, rate law for opposing reactions, rate law for consecutive reactions, Kinetics of parallel reactions, chain reactions, apparent activation energy, chain length, Rice-Herzfeld mechanics.
January	Debye-Huckel theory of ion-ion interaction, Linearization of Boltzmann equation, Linearized Poisson Boltzmann equation and its solution, excess charge density and potential as a function of distance from the central ion, Debye-Huckel reciprocal length, ionic cloud and its contribution to the total potential, Debye-Huckel limiting law, activity coefficient, Debye-Huckel Onsager treatment for aqueous solutions and non aqueous solutions, wein effect.

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LESSION PLAN PERFORMA- Session 2022-2023

Paper with code: Conceptual organic Chemistry & stereochemistry, 22CHE103

Class: - M.Sc. 1st year

Month	Name of Topic
November	Delocalized chemical bonding conjugation, cross conjugation, concept of aromaticity Huckel rule, energy level of pi-molecular orbitals, annulens, antiaromaticity, homo-aromaticity. Bonds weaker than covalent, addition compounds, Reaction mechanism: structure and reactivity, types of mechanism, type of reactions, relationship between thermodynamics stability and rate of reactions, Kinetic versus thermodynamical control of product formation, Hommond postulate, potential energy diagrams, transition state and intermediate, methods of determining mechanism, guideline for proposing reaction mechanism, the Hammett equation and linear free energy relationship.
December	General structures stability and reaction of reactive intermediate, carbocations, carboanions, free radicals, carbenes, nitrenes. Aliphatic nucleophilic and electrophilic substitution, the SN1, SN2, mixed SN1,SN2 and SET mechanism, the neighbouring group mechanism, neighbouring group participation by p and s bonds, anchimeric assistant, classical and non classical carbocations phenonium ions. Common carbocation reagents, reactivity effect of substate structure, attacking nucleophil leaving group and reaction medium, ambident nucleophile regio selectivity. Fees transfer catalysis the SE1 mechanisms biomolecular mechanisms SE2 and SE1 electrophilic substitution a complete by double bond shift, effect of surface living group and the solvent polarity on the reactivity.
January	Stereochemistry 1, introduction to molecular symmetry and chirality, D-L, R-S, E-Z and threo-erythro nomenclature, interconversion of Fischer, Newman, Sawhorse and flying Wedge formula conformational analysis, enantiomerism and diastereomerism of simple acyclic, cyclic system (chair and boat) Configuration, fused and bridge bicyclic system and sugars, confirmation and reactivity some examples optical activity in the absence of chiral carbon (biphenyls, allens, ansa compound, cyclophanes, hemispiranes and spiranes) stereochemistry of the compounds containing nitrogen Sulphur and phosphorus.

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Topicity of ligands and faces, their nomenclature and
prostereoisomerism, stereogenicity chirogenicity, pseudo asymmetric and
prochiral centre, stereospecific and stereoselective reactions a symmetric
synthesis and enantiomer excess, percentage enantioselectivity, optical
purity, percentage diastereoselectivity and selectivity asymmetrical
synthesis

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LESSON PLAN PERFORMA- Session 2022-2023

Paper with code: Spectroscopy I, 22CHE104 Class: - M.Sc. 1st year

Month	Name of Topic
November	<p>Electronics spectroscopy introduction and understanding the UV visible phenomenon theory of electronics spectroscopy instrumentation and sampling solvent effects conjugation effects the Chromophore and oxochrome concepts rules of prediction of wavelength application of electronics spectroscopy dienes, polyenes, carbonyl compounds, benzene and its substituted derivatives aromatic hydrocarbon other than benzene heterocyclic systems and stereo chemical factors in electronics spectroscopy.</p> <p>Infrared spectroscopy principle units of frequency wavelength and wave number, molecular vibrations factor influencing vibrational frequencies instrumentation dispersive and interferometry instruments sampling technique, application of IR identity by fingerprint and functional group of different organic molecules quantitative infrared analysis attenuated total reflectance and multiple internal reflection.</p>
December	<p>Nuclear magnetic resonance spectroscopy introduction, nuclear spin States nuclear magnetic moments resonance population density is, chemical shift and shielding mechanism, instrumentation, chemical equivalence integrals and integration chemical environment and chemical shift local diamagnetic shielding, magnetic anisotropy, spin spin splitting, Pascal triangle, comparison of spectra at low and high field strength, spin spin coupling symbol, mechanism types role of magnetic equivalence concept of non equivalence within a group measuring coupling constant from first order and second order spectra, coupling in aromatic and hetero aromatic system, spectra of homotopic and diastereotopic system, survey of typical proton NMR absorption of organic compounds alkanes alkenes aromatic compounds alkynes alkyl halide alcohol ether Amine nitric aldehyde ketone ester carboxylic acid amides nitro alkanes. Discussion on simplification techniques deuterium exchange chemical shift reagents chiral resolving agent spin d coupling method double resonance spectra.</p>
January	<p>mass spectrometry introduction, ion production ei, CI, FD and FAB, factors affecting fragmentation, ion analysis and abundance spectral fragmentation of organic compounds common functional groups, molecular ion peak, metals table b nitrogen role molecular weight</p>

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determination molecular formula from isotopic ratio data, isotope profile of halogen compounds, factors affecting reaction pathways fragmentation patterns simple cleavage order, hydrogen transfer rearrangement like scrambling, Ortho effect rearrangement, fragmentation patterns of hydrocarbons alcohols phenols, ethers aldehyde carboxylic acids nitro amides and nitrial, analysis of biomolecules by mass spectrometry.

carbon 13 NMR spectroscopy and heterronuclear coupling general considerations carbon 13 nucleus chemical shift and its calculation proton coupled and decomposed carbon 13 spectra nuclear overhouse enhancement cross polarization, problem with integration molecular relaxation process, of resonance d coupling, distortion less enhancement by polarization transfer, hetron nuclear coupling of carbon to deuterium, fluorine and phosphorus.

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LESSON PLAN

SESSION 2022-23

Name of the teacher: Dr. Krishan Kumar

Class: B.Sc.-III

Paper: Inorganic Chemistry

Paper code: CH-501 & 601

B.Sc.5 th Semester (Paper code: CH-501)	
Month	Topic
July, 2022	<ul style="list-style-type: none"> • Limitations of valence bond theory, an elementary idea of crystal-field theory, • crystal field splitting in octahedral, tetrahedral and square planar complexes, factors affecting the crystal-field parameters.
August, 2022	<ul style="list-style-type: none"> • A brief outline of thermodynamic stability of metal complexes and factors affecting the stability, substitution reactions of square planar complexes of Pt(II).
September, 2022	<ul style="list-style-type: none"> • Types of magnetic behaviour, methods of determining magnetic susceptibility, • spin-only formula. L-S coupling, correlation of s and eff values, orbital contribution to magnetic moments, application of magnetic moment data for 3d metal complexes.
October, 2022	<ul style="list-style-type: none"> • Types of electronic transitions, selection rules for d-d transitions, spectroscopic ground states, spectrochemical series. Orgel-energy level diagram for d1 and d9 states, • discussion of the electronic spectrum of [Ti(H₂O)₆]³⁺ complex ion.
November 2022	<ul style="list-style-type: none"> • Revision • Class test • Problem solution • Discussion of previous question papers • Assignments/group discussion/presentations

B.Sc.6th Semester (Paper code: CH-601)

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B.Sc.6th Semester (Paper code: CH-601)

Month	Topic
January, 2023	<ul style="list-style-type: none">• Definition, nomenclature and classification of organometallic compounds• Preparation, properties and bonding of alkyls of Li, Al, Hg and Sn complexes
February, 2023	<ul style="list-style-type: none">• Metal-ethylene complexes- preparation and bonding• Nomenclature of carbonyls and nature of bonding in metal carbonyls• Arrhenius, Bronsted-Lowry, the Lux-Flood and Lewis concepts of acid-base, relative strength of acids & bases
March, 2023	<ul style="list-style-type: none">• Concept of hard and soft acids and bases• Symbiosis, electronegativity and hardness and softness• Essential and trace elements, hemoglobin and myoglobin• Role of Ca^{2+} and nitrogen fixation
April, 2023	<ul style="list-style-type: none">• Silicones and phosphazenes, their preparation, properties and uses• Revision• Objective type class test• Subjective type class test• Problem solution• Discussion of previous question papers• Assignments/group discussion/presentations

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LESSON PLAN

SESSION 2022-23

Name of the teacher: Dr. Krishan Kumar

Class: B.Sc.-III

Paper: Organic Chemistry


Paper code: CH-503 & 603

B.Sc.5 th Semester (Paper code: CH-503)	
Month	Topic
July, 2022	<ul style="list-style-type: none"> Principle of nuclear magnetic resonance, the PMR spectrum, number of signals, peak areas, equivalent and nonequivalent protons positions of signals and chemical shift, shielding and deshielding of protons, proton counting, splitting of signals and coupling constants, magnetic equivalence of protons.
August, 2022	<ul style="list-style-type: none"> Discussion of PMR spectra of the molecules: ethyl bromide, n-propyl bromide, isopropyl bromide, 1,1-dibromoethane, 1,1,2-tribromoethane, ethanol, acetaldehyde, ethyl acetate, toluene, benzaldehyde and acetophenone. Simple problems on PMR spectroscopy for structure determination of organic compounds.
September, 2022	<ul style="list-style-type: none"> Classification and nomenclature. Monosaccharides, mechanism of osazone formation, interconversion of glucose and fructose, chain lengthening and chain shortening of aldoses. Configuration of monosaccharides. Erythro and threo diastereomers. Conversion of glucose into mannose. Formation of glycosides, ethers and esters. Determination of ring size of glucose and fructose. Open chain and cyclic structure of D(+)-glucose & D(-) fructose. Mechanism of mutarotation. Structures of ribose and deoxyribose.
October, 2022	<ul style="list-style-type: none"> An introduction to disaccharides (maltose, sucrose and lactose) and polysaccharides (starch and cellulose) without involving structure determination. Organomagnesium compounds: the Grignard reagents-formation, structure and chemical reactions. Organozinc compounds: formation and chemical reactions. Organolithium compounds: formation and chemical reactions.
November 2022	<ul style="list-style-type: none"> Revision Class test Problem solution Discussion of previous question papers Assignments/group discussion/presentations

B.Sc.6th Semester (Paper code: CH-603)

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B.Sc.6th Semester (Paper code: CH-603)	
Month	Topic
January, 2023	<ul style="list-style-type: none"> • Introduction: Molecular orbital picture and aromatic characteristics of pyrrole, furan, thiophene and pyridine. Methods of synthesis. • chemical reactions with particular emphasis on the mechanism of electrophilic substitution. • Mechanism of nucleophilic substitution reactions in pyridine derivatives. Comparison of basicity of pyridine, piperidine and pyrrole
February, 2023	<ul style="list-style-type: none"> • Nomenclature, structural features, Methods of formation and chemical reactions of thiols, thioethers. • sulphonic acids, sulphonamides and sulphaguanidine. • Synthetic detergents alkyl and aryl sulphonates. • Acidity of -hydrogens, alkylation of diethyl malonate and ethyl acetoacetate. • Synthesis of ethyl acetoacetate: the Claisen condensation. Keto-enol tautomerism of ethyl acetoacetate.
March, 2022	<ul style="list-style-type: none"> • Addition or chain-growth polymerization. Free radical vinyl polymerization, ionic vinyl polymerization, Ziegler-Natta polymerization and vinyl polymers. • Condensation or step growth polymerization. Polyesters, polyamides, phenol • formaldehyde resins, urea formaldehyde resins, epoxy resins and polyurethanes. • Natural and synthetic rubbers.
April, 2023	<ul style="list-style-type: none"> • Classification, of amino acids. Acid-base behavior, isoelectric point and electrophoresis. Preparation of α-amino acids. • Structure and nomenclature of peptides and proteins. Classification of proteins. Peptide structure determination, end • group analysis, selective hydrolysis of peptides. Classical peptide synthesis, solid-phase peptide synthesis. Structures of peptides and proteins: Primary & Secondary • structure. • Class test • Problem solution • Discussion of previous question papers • Assignments/group discussion/presentations


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LESSON PLAN

SESSION 2022-23

Name of the teacher: Dr. Krishan Kumar

Class: B.Sc.-III

Paper: Physical Chemistry

Paper code: CH-502 & 602

B.Sc. 5 th Semester (Paper code: CH-502)	
Month	Topic
July, 2022	<ul style="list-style-type: none">• Introduction of quantum chemistry, Role of operators, Hermitian operators, Postulates of quantum chemistry, Schrodinger wave equation and its application: particle in 1-D Box, Heisenberg uncertainty principle.
August, 2022	<ul style="list-style-type: none">• Introduction to molecular spectroscopy: Basic feature of spectroscopy, Born oppeneimer approximation and degrees of freedom.• Introduction to rotational spectroscopy, Discussion of rotational spectroscopy of diatomic molecule, Application of rotational spectroscopy.• Introduction to vibrational spectroscopy: pure vibrational spectrum of diatomic molecule and its applications.
September, 2022	<ul style="list-style-type: none">• Finger print region and vibrational frequency of different functional group.• Raman spectroscopy , selection rule and its quantum aspects and its application.
October, 2022	<ul style="list-style-type: none">• Introduction to Physical properties and molecular structure• Optical rotation and its application.• Polarization (Clausius-Mossotti equation), dipole moments and its measurement.• Magnetic properties of material and its application like magnetic permeability and magnetic susceptibility.
November, 2022	<ul style="list-style-type: none">• Revision• Class test• Discussion of Class test• Assignments/group discussion/presentations

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B.Sc.6 th Semester (Paper code: CH-602)	
Month	Topic
January, 2023	<ul style="list-style-type: none"> • Introduction to electronic spectroscopy, Frank Condon Principle, Molecular diagram and molecular term symbol of some molecules. And molecular electronic diagram
February, 2023	<ul style="list-style-type: none"> • Introduction to Photochemistry and photochemical reactions. • Jabolansku Diagram and its interpretation. • photosensitized reactions-energy transfer processes (simple examples)
March, 2023	<ul style="list-style-type: none"> • Introduction to solutions and types of solutions. • Explanation of colligative properties, measurement and based numerical problems • Van't Hoff factor explanation with examples • Introduction to Phase rule and explanation the terminology involved in it
April, 2023	<ul style="list-style-type: none"> • Explanation of Water system and two component system. • Revision • Class test • Problem solution • Assignments/group discussion/presentations

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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor Savitri Jaiswal

Page with date Page No. 101 10/10/2022 Class B.Sc. II Session 2022-23

Month	Name of Topic
July	
August	
September	Chemical Equilibrium & Co. Extraction Chemistry - I & Particulate
October	Distillation & Co. Extraction Chem II Particulate
November	Isomers - I Isomers - II Carbohydrate and G Carbohydrate and G Practical
December	
January	
February	
March	Solutions + Phase Equilibrium + Practical Acids + Diazonium Salts
April	Electro Chemistry - I Carbohydrates + other Compds. of Practical
May	Acidic acids peptides & proteins + Practical Electro Chemistry - II
June	


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LESSON PLAN

SESSION 2022-23

Name of the teacher: Dr. Manish Kumar

Class: B.Sc.-III

Paper: Inorganic Chemistry

Paper code: CH-501

B.Sc. 5 th Semester (Paper code: CH-501)	
Month	Topic
July, 2022	<ul style="list-style-type: none">• Valance Bond Theory and its Limitations
August, 2022	<ul style="list-style-type: none">• Crystal Field Theory, Crystal Field Splitting in Octahedral, Tetrahedral and Square Planar Complexes• Factors Affecting Crystal Field Splitting Energy• Calculation of CFSC in Octahedral, Tetrahedral and Square Planer Complexes• Thermodynamic stability of metal complexes (stepwise stability constant and overall stability constant)
September, 2022	<ul style="list-style-type: none">• Factors affecting the stability• Substitution reactions of square plane complexes• Types of magnetic behavior• Methods of determining the magnetic stability• Spin only formula• L-S coupling• Magnetic moments and orbital contribution towards calculation of magnetic moment and its applications.
October, 2022	<ul style="list-style-type: none">• Types of electronic transitions• Selection rules for d-d transitions• Spectroscopic ground states and spectrochemical series• Orgel energy level diagram for d¹ and d⁹ states• Discussion of the electronic spectrum of [Ti(H₂O)₆]
November, 2022	<ul style="list-style-type: none">• Revision• Objective type class test• Subjective type class test• Problem solution• Discussion of previous question papers• Assignments/group discussion/presentations

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LESSON PLAN

SESSION 2022-23

Name of the teacher: Dr. Manish Kumar

Class: B.Sc. III

Paper: Inorganic Chemistry

Paper code: CH-601

B.Sc. 6 th Semester (Paper code: CH-601)	
Month	Topic
January, 2023	<ul style="list-style-type: none">• Definition, nomenclature and classification of organometallic compounds• Preparation, properties and bonding of alkyls of Li, Al, Hg and Sn complexes
February, 2023	<ul style="list-style-type: none">• Metal-ethylene complexes- preparation and bonding• Nomenclature of carbenyls and nature of bonding in metal carbenyls• Arrhenius, Bronsted-Lowry, the Lux Flood and Lewis concepts of acid base, relative strength of acids & bases
March, 2023	<ul style="list-style-type: none">• Concept of hard and soft acids and bases• Symyx, electronegativity and hardness and softness• Essential and trace elements, hemoglobin and myoglobin• Role of Ca^{2+} and nitrogen fixation
April, 2023	<ul style="list-style-type: none">• Silicones and phosphazenes, their preparation, properties and uses• Revision• Objective type class test• Subjective type class test• Problem solution• Discussion of previous question papers• Assignments, group discussion/presentations



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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor: MADHU RANI

Paper with Code: PHY 501 & PHY 502 Class: B.Sc. 5th Sem Session: 2022-23

Month	Name of Topic
Sept.	Crystalline and glassy forms, liquid crystal. Crystal structure, periodicity, lattice and basis crystal translational vectors and axes. Unit cell and primitive cell, Winger Seitz primitive Cell, symmetry operations for a two dimensional crystal, Bravais lattices in two and three dimensions. Crystal planes and Miller indices, Inter planner spacing, Crystal structures of Zinc sulphide, Sodium Chloride and diamond, X-ray diffraction, Bragg's Law and experimental X-ray diffraction methods, K-space.
Oct.	Reciprocal lattice and its physical significance, reciprocal lattice vectors, reciprocal lattice to a simple cubic lattice, b.c.c. and f.c.c. Specific heat: Specific heat of solids, Einstein's theory of specific heat, Debye model of specific heat of solids. Failure of (Classical) E M Theory quantum theory of radiation, Photon, photoelectric effect and Einsteins photoelectric equation, compton effect. Inadequacy of old quantum theory, de- Broglie hypothesis. Davisson and Germer experiment. G.P. Thomson experiment.
Nov.	Phase velocity, group velocity, Heisenberg's uncertainty principle. Time-energy and angular momentum, position uncertainty Uncertainty principle from de-Broglie wave. Gamma Ray Microscope, Electron diffraction from a slit. Derivation of time dependent Schrodinger wave equation, eigen values, eigen functions, wave functions and its significance. Normalization of wave function, concept of observable and operator. Solution of Schrodinger equation for harmonic oscillator ground states and excited states.
Dec. + Jan	Free particle in one dimensional box (solution of schrodinger wave equation, eigen function, eigen values, quantization of energy and momentum, nodes and antinodes, zero point energy). One-dimensional potential barrie $E > V$. One-dimensional potential barrier, $E > V$ (Reflection Coefficient, penetration of leakage coefficient, penetration depth) and Revision

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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor: MADHU RANI

Paper with Code: PHY 601 & PHY 602 Class: B.Sc 6th Sem Session: 2022-23

Month	Name of Topic
March	Vector atom model, quantum numbers associated with vector atom model, penetrating and non-penetrating orbits, spectral lines in different series of alkali spectra, spin orbit interaction and doublet term separation LS or Russel-Saunders Coupling, jj coupling (expressions for interaction energies for LS and jj coupling required) Zeeman effect Zeeman pattern of D ₁ and D ₂ lines of Na-atom, Paschen Back effect of a single valence electron system, Weak field Stark effect of Hydrogen atom..
April	Discrete set of electronic energies of molecules, quantisation of Vibrational and rotational energies Raman effect Stoke's and anti Stoke's lines. Main features of a laser: Einstein's coefficients and possibility of amplification, momentum transfer, life time of a level, kinetics of optical absorption. Threshold condition for laser emission, Laser pumping, He-Ne laser and RUBY laser. Applications of laser. Nuclear mass and binding energy, systematics nuclear binding energy, nuclear stability
May	Nuclear properties, Determination of mass by Bain-Bridge, Bain-Bridge and Jordan mass spectrograph, Determination of charge by Mosley law, Determination of size of nuclei by Rutherford Scattering. Energy loss of heavy charged particle Energetics of alpha-decay, Range and straggling of alpha particles, Geiger-Nuttall law Introduction of light charged particle Origin of continuous beta-spectrum, types of beta decay and energetics. Energy loss, Range of electrons and absorption. Interaction of Gamma Ray, Nature of gamma rays, Energetics of gamma rays, Absorption of Gamma rays and its application.
June	Nuclear reactions, , conservation laws. Q-value and reaction threshold. Nuclear Reactors General aspects of Reactor design. Nuclear fission and fusion reactors Linear accelerator, Tandem accelerator, Cyclotron and Betatron accelerators. Ionization chamber, proportional counter, G.M. counter detailed study. scintillation counter and semiconductor detector and Revision

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LESSON PLAN PERFORMA

Name of Assistant Professor: - DIKSHA

Paper With Code: - Paper I - 20UPHY 301 Thermodynamics
Paper II - 20UPHY 302 Optics

Class: - B.Sc. (3rd Sem)

Session: - 2022 - 2023

Month	Name of Topic
September	Zeroth law of thermodynamics & temp, 1st law & int. energy, conversion of heat into work, Applications of 1st law, Reversible & Irreversible process, 2nd law & entropy, Relation b/w C_p & C_v , Carnot's Cycle, Carnot's Theorem, Work done during adiabatic and isothermal process, 3rd law of thermodynamics, Expression for $C_p - C_v$, Tds eq ⁿ , Clausius Clapeyron Eq ⁿ .
October	Maxwell's Relation & application, Joule-Thomson effect, Thermodynamic Potentials, Stefan Boltzman law, Wein's distribution law, Kinetic Theory of gases, Wave Optics, Fresnel diffraction & its assumptions, Qualitative description for Fresnel diffraction pattern of a straight edge, Michelson's Interferometer fringes, Theory and application of zone plate, multiple foci of zone plate, Fraunhofer diffraction.
November	Various kinds of grating diffraction, Rayleigh Criteria of limit of Resolution & Resolving Power of an optical instrument (Prism, telescope), Polarization and its types, Optic fibre Construction & its working, Advantages & Application of optical fibre, Half & Full wave Plate. Haidinger fringes, Young's double slit experiment, Stoke's treatment, Huygen's Principle, wavefront & its properties

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December

Lloyd's mirror, Interference in Thin Films, Parallel and wedge shaped films, Newton's rings: measurement of wavelength and refractive index. Michelson's interferometer - fringes formation, Attenuation, Critical angle of Propagation and mode of Propagation.

January

Revision till Examination.


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LESSON PLAN PERFORMA

Name of Assistant Professor: - DIKSHA

Subject With Code: - Paper-I 20UPHY 401 Semiconducting Devices
 Paper - II 20UPHY 402 Quantum Mechanics

Class: - B.Sc. (4th Sem) Session: - 2022-2023

Month	Name of Topic
March	Semiconductor diodes: p & n type, Qualitative idea of Current flow mechanism in forward & reverse biased diode, Applications of P-N Junction diodes and act as Half & full wave Rectifier Calculation of Ripple factor & Rectification efficiency, Bipolar junction transistors, characteristics of CB, CE and CC Configurations, Load line & analysis of transistors, DC load line, Q-Point, h parameter, Active, Cut off, Saturation Regions, Current gains α & β , Relation b/w α & β .
April	JFET, MOSFET, Advantages of FET, Amplifiers and their biasing, voltage divider bias Circuit For CE amplifier, Class-A, B & C and RC Coupled amplifiers and its frequency response, Advantage of feedback in positive and negative amplifiers feedback, Operational amplifiers and characteristics of an ideal and Practical Op-Amp, Open loop & closed loop Gain, CMRR, Applications of Op-Amp, Integrator, Differentiator, Inverting and non inverting amplifiers, Concept of virtual ground

May

Black body radiation, Quantum Theory of Radiation, - Photoelectric effect, Compton effect, Uncertainty Principle, Heisenberg uncertainty principle, position momentum uncertainty, Davisson and Germer experiment, Phase velocity, Group velocity, wave function and its physical significance, Properties of wave function, Time dependent Schrodinger wave equation, Time independent Schrodinger wave equation, Hermitian operators, Commutator relations of various operators, Applications of Schrodinger wave eqⁿ in one dimension, Solⁿ of Schrodinger eqⁿ for harmonic oscillator in ground states & excited states.

June

Schrodinger eqⁿ in spherical polar coordinates and separation of variables r, θ & ϕ , Solⁿ for ϕ and θ , Stern Gerlach experiment, Larmor's Theorem, Bohr magneton and Gyromagnetic ratio, Space quantization, e^- spin & spin angular momentum.

Revision till Examination.

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Lesson Plan Perforama

Name of Assistant Professor → PAWAN KUMAR (Physics)

Paper with code → Paper I - 20UPHY 301 - Thermodynamics

Paper II - 20UPHY 302 - Optics

Class :- B.Sc (3rd Sem.)

Session → 2022 - 2023

Month	Name of Topic
September	Zeroth law of thermodynamics and temperature, First Law and internal energy, conversion of heat into work, various thermodynamical processes, Application of first law: General Relation between C_p and C_v , work done during isothermal and Adiabatic processes, compressibility and expansion coefficient, Reversible and irreversible processes, Second Law and Entropy, Carnot's cycle and theorem, Entropy changes in reversible and irreversible processes, Entropy - temperature diagrams, Third law of thermodynamics, Unattainability of absolute zero. Thermodynamic potentials: Enthalpy, Gibbs, Helmholtz and internal energy functions, Maxwell's relation and application - Joule-Thompson effect, Clausius-Clapeyron equation, Expression for $(C_p - C_v)$, C_p/C_v , TDS equations.
October	Kinetic theory of gases: Derivation of Maxwell's law of distribution of velocities and its experimental verification, mean free path (Zeroth order), Brownian motion, Real Gases, Vander Waal's equation. Law of equipartition of energy and its application to specific heat of gases, mono atomic and diatomic gases, Theory of radiation: Black Body radiation, Spectral distribution, concept of energy density, Derivation of Planck's law, Deduction of Wien's distribution law, Rayleigh-Jeans law, Stefan Boltzmann law and Wien's displacement law from Planck's law.

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Name of Topic

ember

Electromagnetic nature of light, Definition and properties of wave front, Huygens principle, Division of amplitude and division of wave front, Young's Double slit experiment, Lloyd's mirror and Fresnel's Biprism, Phase change on reflection (Stokes treatment), interference in thin films: parallel and wedge-shaped films, Fringes of equal inclination (Haidinger fringes), Fizeau fringes, Newton's Ring, Michelson's interferometer, Fresnel's assumptions, Fresnel's Half period zones for plane wave, Rectilinear propagation of light, Theory of a zone plate and its application, multiple foci of a zone plate, Qualitative description for Fresnel diffraction pattern of a straight edge, a slit and a wire.

December

Single slit, Double slit and multiple slit, Various kind of diffraction grating, Resolving power of grating, Rayleigh Criteria of the limit of resolution, Resolving power of prism, Resolving of telescope, Double refraction, Plane polarized ^{power} light, Circular and elliptical polarization, Half and full wave plates, optical activity, specific rotation, optical fibre, Critical angle of propagation, modes of propagation, acceptance angle, Attenuation, Advantages and application of optical fibre.

January

Revision till Examination

Pawan Kumar

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Lesson plan per. f. a. e. m. a

Name of Assistant Professor \rightarrow PAWAN KUMAR (Physics)
Paper with code \rightarrow Paper I \rightarrow 20UPHY401 - Semiconducting Physics
Paper II \rightarrow 20UPHY402 - Quantum mechanics
Class \rightarrow B.Sc (4th Sem.)

Session \rightarrow 2022-2023

month	Name of Topic
March	band n type semiconductor, Barrier formation in PN Junction diode, Qualitative idea of current flow mechanism in forward and reverse biased diode, drift and diffusion currents PN Junction and its characteristics, Static and dynamic resistance, Half and full wave rectifier, calculation of ripple factor and rectification efficiency, npn and pnp transistor, characteristics of CB, CE and CC configuration, Active, cutoff, and saturation regions, current gains α and β , Relation between α and β , load line analysis of transistor, DC Load line and Q-point, h-parameter equivalent circuit, JFET, MOSFET, Advantages of using FET Amplifier and their biasing: voltage divider Bias circuit for CE amplifier, Bias stabilization, class A, class B and C amplifiers, RC coupled amplifiers and its frequency response, feedback in amplifiers, positive and negative feedback in amplifiers, Advantages of negative feedback in amplifiers.
April	Characteristics of ideal and practical op-Amp (IC 741), open loop and closed loop gain, CMRR concept of virtual ground, Application of op-amp (i) Inverting and non Inverting Amplifiers (ii) Differentiator (iii) Integrator

Name of Topic

Black body radiation, quantum theory of radiation, Photon, photoelectric effect and Einstein's photoelectric equation, Compton effect, Inadequacy of old quantum theory, de-Broglie hypothesis, Davisson and Germer experiment, Phase velocity, group velocity, Heisenberg's uncertainty principle, Time energy and angular momentum, position-momentum uncertainty, uncertainty principle from de-Broglie wave, wave function and its physical significance, properties of wave function, orthogonality and normalization of wave function, Time dependent Schrodinger wave equation, Time independent Schrodinger equation, momentum and energy operators, Hermitian operators, Eigen value and Eigen function, commutation relations of various operators.

may

Probabilities and normalization, Probability current densities and its relation to wave function, Expectation values of dynamical quantities, Particle in 1-dimension infinite square well, Application of Schrodinger equation in the solution of the following one dimensional problems: one dimensional potential barrier, solution of Schrodinger equation for harmonic oscillator ground and excited states, Schrodinger equation in spherical co-ordinates, separation of variables for ψ, θ and ϕ co-ordinates, solution for θ and ϕ equations, spherical harmonics, space quantization, Electron spin and spin angular momentum, Larmor's theorem, Spin magnetic moment, Stern-Gerlach experiment, Gyromagnetic ratio and Bohr magneton and Revision till Examination

Pawan Kumar

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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor: ..ANRENDER...KUMAR.....

Paper with Code: PHY 101 & PHY 102 Class: B.Sc 1st Sem. Session: ..2022-23.....

Month	Topic
	Dynamics of a single particle, Dynamics of a system of particles. Centre of Mass. Conservation of Linear momentum, Conservation of energy. Angular displacement, Angular velocity, Angular acceleration and angular momentum. Torque. Conservation of Angular momentum, Motion of Rocket. Frame of reference, Non-inertial frame of reference: Pseudo-forces
	Rotation of Rigid body, moment of inertia, torque, angular momentum, kinetic energy of rotation. Theorems of perpendicular and parallel axes with proof. Moment of inertia of solid sphere, hollow sphere, spherical shell, solid cylinder, hollow cylinder and solid bar of rectangular cross-section. Acceleration of a body rolling down on an inclined plane. Simple harmonic motion. Differential equation of SHM and its solutions. Kinetic and Potential Energy, Total Energy and their time averages. Damped and forced harmonic oscillations. Review of vector algebra, gradient, divergence, Curl and their significance, Vector Integration, Line, surface and volume integrals of Vector fields,
	Gauss-divergence theorem and Stoke's theorem of vectors. Electrostatic Field, electric flux, Gauss's theorem of electrostatics. Applications of Gauss theorem- Electric field due to point charge, infinite line of charge, uniformly charged spherical shell and solid sphere, plane charged sheet, charged conductor. Electric potential as line integral of electric field, potential due to a point charge, electric dipole, uniformly charged spherical shell and solid sphere. Calculation of electric field from potential. Capacitance of an isolated spherical conductor. Parallel plate, spherical and cylindrical condenser. Energy per unit volume in electrostatic field. Dielectric medium, Polarisation, Displacement vector. Gauss's theorem in dielectrics. Parallel plate capacitor completely filled with dielectric.
	Magnetostatics: Biot-Savart's law & its applications- straight conductor, circular coil, solenoid carrying current. Divergence and curl of magnetic field. Magnetic vectorpotential. Ampere's circuital law. Magnetic properties of materials: Magnetic intensity, magnetic induction, permeability, magnetic susceptibility. Brief introduction of dia-, para- and ferro-magnetic materials and Revision till Exa

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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor: ...*NARENDER...KUMAR*.....

Paper with Code: PHY 201 & PHY 202 Class: B.Sc 2nd Sem Session: 2022-23.

Month	Name of Topic
	Degree of freedom, constraints, Generalised coordinates, principle of virtual work, D'Alembert principle, Lagrange's equations of D'Alembert principle, and applications Hamilton's principle and derivation of Lagrange's from Hamilton's equation Reference systems, inertial frames, Galilean invariance and conservation laws, Newtonian relativity principle, Michelson-Morley experiment and its outcome, Special Theory of Relativity: Constancy of speed of light. Postulates of Special Theory of Relativity, Lorentz transformation, length contraction and time dilation.
	Relativistic velocity addition theorem, variation of mass with velocity and mass energy equivalence, massless particles, Relativistic Doppler effect, relativistic kinematics, transformation of energy and momentum, Elasticity: Hooke's law - Stress-strain diagram Elastic moduli-Relation between elastic constants Poisson's Ratio-Expression for Poisson's ratio in terms of elastic constants Work done in stretching and work done in twisting a wire - Twisting couple on a cylinder - Determination of Rigidity modulus by static torsion - Torsional pendulum-Determination of Rigidity modulus and moment of inertia-
	Faraday's laws of electromagnetic induction, Lenz's law, self and mutual inductance, L of single coil, M of two coils. Energy stored in magnetic field. Equation of continuity of current, Displacement current, Maxwell's equations in vacuum and medium, Poynting vector, energy density in electromagnetic field, electromagnetic wave propagation through vacuum and isotropic dielectric medium. Superposition of Two Collinear Harmonic oscillations: Linearity and Superposition Principle. Superposition of Two Perpendicular Harmonic Oscillations: Graphical and Analytical Methods. Lissajous Figures with equal an unequal frequency and their uses.
	Wave Equation, Solution of wave equation, Particle and Wave Velocities, Intensity of Wave, Superposition Principle, Group velocity, Phase velocity, Definition and Properties of wave front, Huygens Principle, Longitudinal Waves: Velocity of Longitudinal Waves in a Fluid in a Pipe, Newton's Formula for Velocity of Sound, Laplace's Correction, Reflections and transmission of sound waves at a boundary. The string as a force oscillator, Velocity of Transverse Vibrations of Stretched Strings, Reflections and transmission of waves on a string at a boundary, Transverse waves on a string, Travelling and standing waves on a string, Normal Modes of a string, Reflections and transmission of Energy and Revision till Exam.



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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor: NARENDER KUMAR

Paper with Code: PHY 501 & PHY 502 Class: B.Sc 5th Sem Session: 2022-23

Month	Name of Topic
<u>September</u>	Crystalline and glassy forms, liquid crystal. Crystal structure, periodicity, lattice and basis crystal translational vectors and axes. Unit cell and primitive cell, Wigner Seitz primitive Cell, symmetry operations for a two dimensional crystal, Bravais lattices in two and three dimensions. Crystal planes and Miller indices, Inter planner spacing, Crystal structures of Zinc sulphide, Sodium Chloride and diamond, X-ray diffraction, Bragg's Law and experimental X ray diffraction methods, K space.
<u>October</u>	Reciprocal lattice and its physical significance, reciprocal lattice vectors, reciprocal lattice to a simple cubic lattice, b.c.c. and f.c.c. Specific heat: Specific heat of solids, Einstein's theory of specific heat, Debye model of specific heat of solids. Failure of (Classical) E.M. Theory quantum theory of radiation, Photon, photoelectric effect and Einsteins photoelectric equation, compton effect. Inadequacy of old quantum theory, de- Broglie hypothesis. Davisson and Germer experiment. G.P. Thomson experiment.
<u>November</u>	Phase velocity, group velocity, Heisenberg's uncertainty principle. Time-energy and angular momentum, position uncertainty Uncertainty principle from de-Broglie wave. Gamma Ray Microscope, Electron diffraction from a slit. Derivation of time dependent Schrodinger wave equation, eigen values, eigen functions, wave functions and its significance. Normalization of wave function, concept of observable and operator. Solution of Schrodinger equation for harmonic oscillator ground states and excited states.
<u>Dec + January</u>	Free particle in one dimensional box (solution of schrodinger wave equation, eigen function, eigen values, quantization of energy and momentum, nodes and antinodes, zero point energy). One-dimensional potential barrier $E > V$. One-dimensional potential barrier, $E < V$ (Reflection Coefficient, penetration of leakage coefficient, penetration depth) and Revision

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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor: NARENDER kumar

Paper with Code: PHY 601 & PHY 602 Class: B.Sc 6th Sem Session: 2022-23

Month	Name of Topic
March	Vector atom model, quantum numbers associated with vector atom model, penetrating and non-penetrating orbits, spectral lines in different series of alkali spectra, spin orbit interaction and doublet term separation LS or Russel-Saunders Coupling, jj coupling (expressions for interaction energies for LS and jj coupling required) Zeeman effect Zeeman pattern of D ₁ and D ₂ lines of Na-atom, Paschen Back effect of a single valence electron system, Weak field Stark effect of Hydrogen atom..
April	Discrete set of electronic energies of molecules, quantisation of Vibrational and rotational energies Raman effect Stoke's and anti Stoke's lines. Main features of a laser: Einstein's coefficients and possibility of amplification, momentum transfer, life time of a level, kinetics of optical absorption. Threshold condition for laser emission, Laser pumping, He-Ne laser and RUBY laser. Applications of laser. Nuclear mass and binding energy, systematics nuclear binding energy, nuclear stability
May	Nuclear properties, Determination of mass by Bain-Bridge, Bain-Bridge and Jordan mass spectrograph, Determination of charge by Mosley law, Determination of size of nuclei by Rutherford Scattering. Energy loss of heavy charged particle Energetics of alpha-decay, Range and straggling of alpha particles, Geiger-Nuttall law Introduction of light charged particle Origin of continuous beta-spectrum, types of beta decay and energetics, Energy loss, Range of electrons and absorption. Interaction of Gamma Ray, Nature of gamma rays, Energetics of gamma rays, Absorption of Gamma rays and its application.
June	Nuclear reactions, , conservation laws. Q-value and reaction threshold. Nuclear Reactors General aspects of Reactor design. Nuclear fission and fusion reactors Linear accelerator, Tandem accelerator, Cyclotron and Betatron accelerators. Ionization chamber, proportional counter, G.M. counter detailed study. scintillation counter and semiconductor detector and Revision

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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor PADMAN LAL

Paper with Code ZOUBOT 102 & 202 Class B.Sc. Bot Session 2023-2024

Month	Name of Topic
July	- Bryophytes: General Character, Classification, Attainment of Generation, Economic Importance. - Pteridites: General Account.
August	- Anthoceros: General account. <u>Funaria</u> : General - Pteridophyte: General Character, Classification - Fossil & Fossilization, Fossil Pteridophytes.
September	- Type examples of Pteridophyta: <u>Selaginella</u> <u>Equisetum</u> , <u>Pteris</u>
October	- Type example of Pteridophyta: <u>Pteris</u> - Gymnosperm: - General Character & Classification
November	- Type Example of Gymnosperm: <u>Cycas</u> - Pinus: - Structural detail & reproduction - Economic Importance.
December	
January	- Introduction to Plant Taxonomy: Identification
February	- Classification Nomenclature - Role of modern Tools in relation to Taxonomy - Herbarium: Its importance & Function
March	- Botanical Nomenclature & Classification: Principle & Rules, Nomenclature, System of Classification - Types of Inflorescence: General Character
April	- Important families: Ranunculaceae, Brassicaceae, Malvaceae, Euphorbiaceae, Apiaceae. - Asclepiadaceae, Solanaceae, Cucurbitaceae etc.
May	
June	

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Name of Assistant/Associate Professor MOHINI LAL

Paper with Code 20UB0150/A - 5018 Class B.Sc 3rd Year Session: 2022-2023

Economic Botany I & II

Month	Name of Topic
July	- origin of culture: importance of medicinal herbs - Plant Introduction
August	- Food plants: origin, morphology & uses of important cereals viz wheat, rice, maize sugarcane
September	- Economic importance of pulses: Gram & soyabean, - Rubber yielding plants - medicinal plant: - morphology & uses
October	- Plant tissue Culture: Impact aspect of plant tissue culture
November	- Protoplast culture, production of haploid, - use of hybrid - somatic embryogenesis, artificial seeds
December	
January	- Spices: - fennel, black pepper, cardamom, fenugreek comparative study of spices & condiments.
February	- Beverages: - Tea & Coffee oil & fibre yielding plants: - groundnut, mustard cotton & jute.
March	- Recombinant DNA technology: - General account enzymes sources of foreign DNA, PCR, DNA finger printing.
April	- Transfer Techniques, application of DNA Recombinant technology.
May	
June	


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Name of Assistant/Associate Professor Dr. Mohan Lal

Paper with Code 20UBOT501A - Economic Botany & Biotechnology I Class B.Sc. Final Session 2022-2023

Month	Name of Topic
July	<u>Origin of cultivated plants</u> → Origin of agriculture, concepts of origin, their importance with references to Vavilov's work. Food plants: - origin, morphology and uses of cereals (wheat, maize, sugarcane).
August	<u>Economic importances of pulses and medicinal plants</u> → General accounts of pulses with references to green and soybean, rubber yielding plants. Medicinal plants: Morphology and uses of cinchona, Rauwolfia et
September	<u>Plant tissue culture I</u> → Concept of totipotency, aspects of plant tissue culture: laboratory aspects conditions, tissue culture media. Culture of plant material, explant culture cell suspension culture, single cell culture, meristem culture.
October	<u>Plant tissue culture II</u> → Protoplast culture, protoplast fusion.
November	Somatic hybridisation, cytoplasmic hybrids and cybrids. production of haploids, use of hybrids, Embryo culture, Somatic embryogenesis and artificial seeds.
December	
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Name of Assistant/Associate Professor Dr. Mohan Lal
 Paper with Code 2020T501B - Economic Botany and Biotechnology-II Class BSc. Final Session 2022-2023

Month	Name of Topic
July	Economic Importance of Spices & Condiments: → Botanical name, family, part used, morphology and uses of clove, turmeric, black pepper, cardamom, fenugreek. Comparative study of spices and condiments: - Tea, coffee. (morphology, processing & uses)
August	Economic Importance of oils and fibre yielding plants: → General description with special references to groundnut, mustard, cotton, jute (Botanical name, family, part used, morphology, cultivation)
September	Recombinant Techniques of DNA I: → General accounts of Recombinant DNA technology, enzymes used in molecular cloning. Restriction endonucleases, DNA ligase, polynucleotide kinase.
October	Klenow enzyme, Reverse Transcriptase, DNA ligase, alkaline phosphatase, DNA polymerase I. Sources of foreign DNA. Cloning vectors, PCR and ITS Application. DNA fingerprinting.
November	Recombinant DNA Techniques II: → Gene transfer techniques physical, chemical and biological methods: selectable and scoreable markers. Application of Recombinant DNA Technology -
December	Agriculture, medicine, virus and other diseases (Bt cotton, flavescens, Golden rice).
January	
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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor Dr. Mohan Lal

Paper with Code 200BOT601 A - Cell And Class BSc. final Session 2022-2023

Molecular Biology I

Month	Name of Topic
July	
August	
September	
October	
November	
December	
January	<u>Cell And Cell Cycle</u> : → Cell theory, Prokaryotic & Eukaryotic Cell, Cell size and shape, overview of Cell cycle, Mitosis and Meiosis, molecular control, CDK's.
February	<u>Cell organelles I</u> : → brief account of Mitochondria, Structure, composition semi-autonomous nature. Symbiont hypothesis, mitochondrial DNA, chloroplast structure and function, chloroplast DNA, ER, Golgi Body, Lysosomes, Structure and role of vacuoles.
March	<u>Cell organelles II</u> : → Peroxisomes and Glyoxisomes, Structure, composition & function in animal and plant cells. Structure and composition of nucleus, nuclear pore complex, euchromatin and heterochromatin, nucleolus and Ribosome, structure, chromosome structure karyotype and special type of chromosome, DNA packaging in eukaryotes.
April	<u>Cell Membrane & cell wall</u> : → Models of PM (Sandwich & Robertson model) Fluid mosaic model, Membrane protein and function, carbohydrates in the membrane. Faces of the membrane, selective permeability of the membrane, function of membrane.
May	function of membranes, cell wall structure and function.
June	cellular connectors, gap junctions and plasmodesmata.

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Name of Assistant/Associate Professor Dr. Mohan Lal

Paper with Code 206BOT601B- Cell and Class B.Sc. Final Session 202-2023

Molecular Biology - II

Month	Name of Topic
July	
August	
September	
October	
November	
December	
January	<u>Genetic Material - I</u> → DNA - Miescher and Watson and Crick model. Griffith's and Avery's transformation experiments, Hershey and Chase bacteriophage experiment, DNA structure, types of DNA.
February	<u>Genetic Material II</u> → DNA Replication, & Directional Replication semi-conservative, semi discontinuous RNA priming, & mode of replication, Brief account of replication of linear ds-DNA, replicating the end of linear chromosomes, DNA Repair.
March	<u>Transcription</u> → (Prokaryotes & Eukaryotes) Types of RNA, monocistronic & polycistronic RNA, RNA Polymerase - various types, Transcription, initiation, elongation and Termination genetic codes.
April	<u>Translation</u> → and Gene regulation → Translation → Initiation, elongation and Termination. Post Translational modification, lac operon & tryptophan operon and gene regulation in Eukaryotes.
May	
June	

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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor DEEPTI

Paper with Code 20UB01101 and 201 Class B.Sc 1st Session 2022-23

Month	Name of Topic
July	Biology of Bacteria - Reproduction mode Vegetative asexual and recombination (Conjugation, transformation and transduction, Economic Imp. citrus canker)
August	Crown gall, BLB, <u>Virus</u> - Discovery, general characters Nature, Replication, Reproduction, lytic and lysogenic cycle, DNA Virus (T-phage), RNA Virus, transmission
September	Viral diseases, Economic importance, General Characteristics, classification up to class level (Smith 1955) Economic importance of algae. life history of Nostoc
October	Volvox, oedogonium, Vaucheria, Ectocarpus, polysiphoniae General characters, classification up to classes (Ainsworth) life cycle of Rhizopus, Penicillium, Puccinia,
November	Colletostricum, Lichen, Mycorrhiza, General account type and significance. Economic importance of fungi.
December	
January	
February	
March	Soil formation, composition, soil profile, precipitation type water, -water cycle light and temp. shelford's law of tolerance in brief, ecological adaptation.
April	Hydrophyte, Halophyte, Population Ecology, Basic concept, Characteristics, Biotic potential and growth curve, community ecology concept
May	(Biological spectrum) phylogeographical region of India Ecosystem structure and functions Ecological efficiencies, Biogeochemical cycle C, N, P cycle Succession.
June	


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Name of Assistant/Associate Professor DEEPTI

Paper with Code Paper 1-20UBOT301

Class B.Sc. III Sem^e Session 2022-23

① Plant Anatomy

Month	Name of Topic
July	Tissue system in plants :- shoot apical meristems, Meristematic and Permanent tissue, Tissue system modification of Root and stem.
August	<u>Secondary growth</u> :- vascular cambium, Primary structure of Monocot stem, Sec. growth in dicot stem, wood, Abnormal Sec. growth in <i>Dioscorea</i> , <i>Boerhaavia</i> .
September	Leaf and Protection system in Plants :- Types of leaves Phyllotaxy, Epidermal appendages in their morphological type.
October	Anatomy of Monocot and dicot leaf, stomatal apparatus and their morphological type, leaf abscission, venation and function leaf.
November	Root system and its modifications :- Root apical meristem structure of monocot and dicot root, sec. growth in dicot root, structure and modification of root.
December	
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March	
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LESSON PLAN PERFORMA

of Assistant/Associate Professor DEEPTI

Paper with Code Paper II - 20U BOT 302 Class B.Sc III Sem. Session 2022-23

Plant Embryology

Month	Name of Topic
July	Structural organisation of flowers - floral parts and their function, structure of development of anther and Pollen grains, structure and types of ovules, Embryo sac
August	Organisation and ultra structure of mature embryo sac, Types of placentation, <u>Pollination</u> : Palynology, mechanisms and adaptation, Pollen pistil interaction, self-incompatibility
September	Pollen storage and its significance, Pollen germination, significance of self and cross pollination, fertilization and fruit dispersal :- Double fertilization
October	Seed structure (Monocot and dicot) Endospermic and non endospermic seeds, types of fruit and their dispersal mechanism, seed dormancy
November	Mechanism, factor affecting the dormancy, methods to overcome dormancy. Biology of Embryo and endosperm :-
December	
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June	


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LESSON PLAN PERFORMA

of Assistant/Associate Professor DEEPTI

paper with Code 20UB01U01 Class B.Sc. IV Sem Session 2022-23

Plant Physiology

Month	Name of Topic
July	
August	
September	
October	
November	
December	
January	Plantwater relation → Importance of water potential and its components Imbibition, Diffusion, Osmosis absorption and transport of water, Root pressure
February	Guttation, Transpiration. <u>Mineral nutrition</u> essential macro and micro elements and their Role, Criteria of essentiality of elements, Role
March	Role of essentiality of elements. Deficiency symptoms Transport of ions across cell membrane, active and passive transport transport of organic sub.
April	Girdling experiment, Pressure flow model. Phloem loading and unloading. <u>Photosynthesis</u> <u>Respiration</u>
May	
June	

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Assistant/Associate Professor DEEPTI

Course with Code 20UB6T-402

Class B.Sc. IV Sem Session 2022-23

Plant Metabolism

Month	Name of Topic
July	
August	
September	
October	
November	
December	
January	Enzymes: Discovery and nomenclature, Classification Structure and properties, Mechanism of enzyme catalysis and enzyme inhibition
February	Lipid metabolism and Nitrogen fixation - Lipid Classification Saturated and unsaturated fatty acid, Lipid biosynthesis β -oxidation, Glycolate cycle, Biological nitrogen fixation
March	Nitrate and ammonia assimilation <u>Plant Growth Regulators</u>
April	<u>Plant Growth and development</u> :- Definition, Phases of growth and development, Photoperiodism, Physio- logy of flowering, Flower concept fruit
May	ripening, Photoperiodism, Phytochrome, red and far red light responses on photomorphogenesis,
June	Vernalization, Physiology of Senescence.

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200644

Name of Assistant/Associate Professor MANJU

Paper with Code Animal Diversity Non-Chordates B.Sc.Ist Session 2022-2023

Animal Diversity of chordates I (202020201; (20202001)

Month	Name of Topic
July	<u>Phylum: Protozoa</u>
September	① General characters and classification of Protozoa. ② Plasmodium study: - Introduction, life cycle, Reproduction ③ Life cycle, Mode of Infection and pathogenicity of diff. Protozoans
October	<u>Phylum porifera</u> : - General characters and classification of porifera ∴ Type study Sycon ∴ Canal system in sponges and Spicules in sponges
November	<u>Phylum Coelentrata</u> : - General characters and classification ∴ Type study obelia, Coral and coral reefs. Polymorphism in diphyrphores.
December	<u>Phylum Helminthes</u> → General characters and classification Type study: - Fasciola Hepatica Helminthes Parasites: - Brief life history, mode of Infection and pathogenesis
January	
February	
March	<u>Chordates</u> Principles of classification, origin and evolutionary trend of chordates • functional morphology of the Types with examples with their biodiversity and economic importance.
April	<u>Protochordates</u> General characters and classification ① Type study of Hordmeria ② Type study of Amphioxus
May	<u>Cyclostomes and Pisces</u> : → Type study of Petromyzon Type Study of Labeo Parental care & fish migration.
June	

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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor MANJU

Paper with Code Animal Biochemistry (200200401) Class B.Sc. 2nd year Session 2022-2023
Developmental Biology (200200402)

Month	Name of Topic
July	
August	
September	<u>Carbohydrates</u> : → Structure and Biological Importance of Monosaccharides, disaccharides, oligosaccharides, polysaccharides. Glycolysis, Krebs cycle, ETC.
October	<u>Lipids</u> : Structure and Biological Importance of fatty acids, triglycerides, phospholipids, glycolipids. Biosynthesis and β oxidation of Palmitic acid.
November	<u>Proteins</u> → structure and function, nomenclature of proteins <u>Enzymes</u> → introduction, general properties. structure, function, Active & passive Transport.
December	<u>Nucleic Acid</u> Structure and function of DNA, RNA and their components. Central Dogma.
January	
February	
March	<u>Developmental Biology</u> General structure of Mammalian ova and Sperm spermatogenesis and oogenesis, fertilisation and Parthenogenesis.
April	Diff. types of eggs and patterns of cleavage in Invertebrates and vertebrates. process of Blastulation and fate-map construction in frog and chick.
May	Gastrulation and three germinal layer in frog and chick. • Primary organizer, extra membrane membrane. • Competence, determination and differentiation. Regeneration.
June	

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Name of Assistant/Associate Professor MANJU

Paper with Code Ecology and Evolution (2022-23) Class B.Sc. Final Session 2022-2023
Developmental Biology (2022-23)

Month	Name of Topic
July	
August	Ecology
September	History and Introduction of Ecology, Levels of organization study of Biotic and abiotic factors. Population: - Density, natality, mortality, fecundity, Survivorship curve, Age Ratio, Dispersion.
October	Species richness, dominance, diversity, abundance, Ecological Niche, Core and edge effect. Ecological succession with one example. Food chain and food web. Ecological Pyramids.
November	Origin of species: - Lamarckism, Darwinism, Neo-Darwinism Ecological time scale, Neutral theory of evolution, Natural selection and genetic drift
December	Population Genetics: - Hardy Weinberg law, founder effect, Bottleneck effect, species concept, modes of speciation, origin and evolution of man and horse.
January	
February	Developmental Biology
March	General structure of Mammalian ova and Sperm Spermatogenesis and oogenesis, fertilization and parthenogenesis.
April	Diff. types of eggs and pattern of cleavage in Invertebrates and Vertebrates. Process of Blastulation and fate Map construction in frog and chick.
May	Gastrulation and three germinal layer in frog and chick. Primary organizer, Extra membrane formation, competence, determination and differentiation. Regeneration.
June	

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Name of Assistant/Associate Professor Priyanka

Paper with Code Ecology & Evolution (5-2) and Developmental Biology Class Boc-IIIrd year Session 2022-2023
5th & 6th Sem

Month	Name of Topic
July	Unit I 1. Basic concepts of ecology: Definition, significance. Concepts of habitat and ecological niche. 2 Factors affecting environment: Abiotic factors (light-Intensity, quality and duration), temperature, humidity, topography, 4edaphic factors, biotic factors
August	Ecosystem: Concept, components, properties and functions; Ecological energetics and energy flow-food chain, food web, trophic structure; ecological pyramids concept of productivity. Biogeochemical cycles. Concept, reservoir pool, gaseous cycles and sedimentary cycles. Population: Growth and regulation.
September	Origin of life. Unit III Concept and evidences of organic evolution. Theories of organic evolution. Concept of microevolution and concept of species
October	Concept of macro-and mega-evolution. Phylogeny of horse. Evolution of man.
November	
December	
January	Historical perspectives, aims and scope of developmental biology. Generalized structure of mammalian ovum & sperm. Spermatogenesis and Oogenesis.
February	Fertilization, parthenogenesis, different types of eggs and patterns of cleavage in invertebrates and vertebrates. Process of blastulation in invertebrates and vertebrates Fate-map construction in frog and chick.
March	Gastrulation in invertebrates and vertebrates Gastrulation & formation of three germinal layers in frog and chick. Elementary knowledge of primary organizers.
April	Extra embryonic membranes: structure & significance in birds and mammals. Concepts of competence, determination and differentiation. Concept of regeneration.
May	


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Name of Assistant/Associate Professor Priyanka

Paper with Code Animal Physiology (201200201) Class BSc. 2nd year Session 2022-2023
Cell Biology & Genetics (201200401) 2nd Euth Sem

Month	Name of Topic
July	
August	Digestion and Respiration Physiology of digestion in the alimentary canal; Absorption of carbohydrates, proteins, lipids, Pulmonary ventilation, Respiratory volumes and capacities, Transport of Oxygs and carbon dioxide in blood
September	Cardiovascular system and Excretion Composition of blood, Homeostasis, Structure of Heart, Origin and conduction of the cardiac impulse, Cardiac cycle. Structure of nephron, Physiology of excretion
October	Nervous system and muscular system Structure of a neuron, Resting membrane potential, Graded potential, Origin of Action potential and its propagation in myelinated and non-myelinated nerve fibres, Ultra-structure of skeletal muscle, Molecular and chemical basis of muscle contraction
November	Reproduction and Endocrine Glands Physiology of male reproduction hormonal control of spermatogenesis; Physiology of female reproduction: hormonal control of menstrual cycle in human, Structure and function of pituitary, thyroid, Parathyroid pancreas and adrenal
December	
January	
February	1. Plasma Membrane: Fluid mosaic model, various modes of tranisport across the membrane mechanism of active and passive transport, endocytosis and exocytosis 2. Endoplasmic reticulum (ER): types, role of ER in protein synthesis and transportation in animal cell 3. Goigi complex: Structure, role of golgi-complex in animal cell. 4. Ribosomes: Types, biogenesis and role in protein synthesis
March	1. Lysosomes: Structure, enzyme and their rolc; polymorphism 2. Mitochondria: Mitochondrial DNA, as semiautonomous body, biogenesis, mitochondrial enzymes (only names), role of mitochondria 3. Cytoskeleton: Microtubules, microfilaments, certriole and basal body Cilia and Flagella 4. Ultrastructure and functions of Nucleus. Nuclear menbrane, nuclear lamina, nucleolus, Polytene
April	Mendel's work on transmission of traits, Genctic V ariation, Principles of Inheritance, Incomplete dominance and codominance, Multiple alleles, Lethal alleles, Epistasis, Pleiotropy, sex linked inheritance, Sex Determination, Human karyotype, Chromosomal abnormalities involving autosomes and sex chromosomes inborn errors of metabolism
May	Linkage and crossing over, Interference and coincidence, Chromosomal Mutations: Deletion, Duplication, Inversion, Translocation, Aneuploidy and Polyplaiy, (omg mjtations: Induced versus Spontaneous mutations, Extra-chromosomal Inheritance, Maternal effects, Polygenic inheritance with suitable examples; simple numericals based on it, Euthenics, Euphentes, aminoveniesis
June	

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Name of Assistant/Associate Professor Priyanka

Paper with Code Animal Diversity Non-Chordates-II (200200102) and Animal Diversity Chordates-II (200200202) Class B.Sc. Ist year Session 2022-2023
Ist & 2nd Sem

Month	Name of Topic
July	
August	UNIT-I Phylum- Annelida ii) General characters and classification up to order level iii) Type study - Pheretima (Earthworm) iii) Metamerism in Annelida iv) Trochophore larva: Afrinities, evolutionary significance
September	UNIT-II Phylum - Arthropoda: i) General characters and classification up to order level ii) Type study-- Periplaneta
October	UNIT-III Phylum- Mollusca: i) General characters and classification up to order level ii) Type study - Pila iii) Torsion and detorsion in gastropoda
November	UNIT-IV Phylum - Echinodermata: i) General characters and classification up to order level ii) Type Study - Asterias (Sea Star) iii) Echinoderm larvae
December	Phylum- Hemichordata .
January	
February	UNIT-I Amphibia: Type study of frog (Rana tigrina), Parental Care in Amphibia
March	UNIT-II Reptilia: Type study of Lizard (Hemidactylus), Extinct reptiles; Poisonous and non-poisonous snakes
April	UNIT-III Aves: Type study of Pigeon (Columba livia); Flight adaptation, Principles of aerodynamics in Bird flight,
May	UNIT-IV Mammals: Type study of Rat; Dentition
June	

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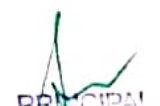
LESSON PLAN PERFORMA

Name of Assistant/Associate Professor Ms. Kama

Paper with Code Software Engineering (20UCS505) Class BSc. (CS) 5th sem Session 2022-23

Month	Name of Topic
July	
August	
September	<p style="text-align: center;">Unit-I</p> <p>Software Process: Introduction, S/W Engineering Paradigm, life cycle models (water fall, incremental, spiral, evolutionary, prototyping, object oriented), System engineering, computer based system, verification, validation, life cycle process, development process. Software requirements: Functional and non-functional, user, system, requirement engineering process, requirements, elicitation, validation and management, software prototyping, prototyping in the software process, rapid prototyping techniques, user interface prototyping, S/W document. Analysis and modeling, data, functional and behavioral models, structured analysis and data dictionary.</p>
October	<p style="text-align: center;">Unit-II</p> <p>Design Concepts and Principles: Design process and concepts, modular design, design model and document, Architectural design, software architecture, data design, architectural design, transform and transaction mapping, user interface design, user interface design principles. Real time systems, Real time software design, system design, real time executives, data acquisition system, monitoring and control system.</p>
November	<p style="text-align: center;">Unit-III</p> <p>Software Project Management: Measures and measurements, S/W complexity and science measure, size measure, data and logic structure measure, information flow measure. Estimations for Software Projects, Empirical Estimation Models, Project Scheduling.</p>
December	<p style="text-align: center;">Unit-IV</p> <p>Testing: Taxonomy of software testing, levels, test activities, types of s/w test, black box testing testing boundary conditions, structural testing, test coverage criteria based on data flow, mechanisms, regression testing, testing in the large. S/W testing strategies, strategic approach and issues, unit testing, integration testing, validation testing, system testing and debugging.</p>
January	Exams
February	
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Name of Assistant/Associate Professor M. Harsh

Paper with Code Database Management System (20UCS501) Class BSc. (CS) 5th sem Session 2022-23

Month	Name of Topic
July	
August	
September	<p style="text-align: center;">Unit-I</p> <p>Database system architecture: Data Abstraction, Data Independence, Data Definition Language (DDL), Data Manipulation Language (DML)</p>
October	<p>Data models: Entity-relationship model, network model, relational and object oriented data models, integrity constraints, data manipulation operations.</p> <p style="text-align: center;">Unit-II</p> <p>Relational query languages: Relational algebra, Tuple and domain relational calculus, SQL3, DDL and DML constructs, Open source and Commercial DBMS - MYSQL, ORACLE, DB2, SQL server. Relational database design: Domain and data dependency, Armstrong's axioms, Normal forms, Dependency preservation, Lossless design</p>
November	<p style="text-align: center;">UNIT III</p> <p>Transaction processing: Concurrency control, ACID property, Serializability of scheduling, Locking and timestamp based schedulers, Multi-version and optimistic Concurrency Control schemes, Database recovery. Query processing and optimization: Evaluation of relational algebra expressions, Query equivalence, Join strategies, Query optimization algorithms</p>
December	<p style="text-align: center;">UNIT IV</p> <p>Database Security: Authentication, Authorization and access control, DAC, MAC and RBAC models, Intrusion detection, SQL injection.</p> <p>Advanced topics: Object oriented and object relational databases, Logical databases, Web databases, Distributed databases, Data warehousing and data mining.</p>
January	Exams
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Name of Assistant/Associate Professor

M. K. Sharma

Paper with Code Programming in Visual Basic (20USECCS502) Class BSc. (CS) 5th sem Session 2022-23

Month	Name of Topic
July	
August	
September	<p style="text-align: center;">Unit-I</p> <p>GUI Environment: Introduction to graphical user interface (GUI), programming language (procedural, object oriented, event driven), the GUI environment, compiling, debugging, and running the programs.</p>
October	<p style="text-align: center;">Unit-II</p> <p>Operations: Data types, constants, named & intrinsic, declaring variables, scope of variables, val function, arithmetic operations, formatting data.</p> <p>Controls: Introduction to controls textboxes, frames, check boxes, option buttons, images, setting borders and styles, the shape control, the line control, working with multiple controls and their properties</p>
November	<p style="text-align: center;">Unit-III</p> <p>designing the user interface, keyboard access, tab controls, default & cancel property, coding for controls.</p> <p>Decision Making: If statement, comparing strings, compound conditions (and, or, not), nested if statements, case structure, using if statements with option buttons & check boxes, displaying message in message box, testing whether input is valid or not.</p>
December	<p style="text-align: center;">Unit-IV</p> <p>Forms Handling: Multiple forms creating, adding, removing forms in project, hide, show method, load, unload statement, me keyword, referring to objects on a different form. Database connectivity with the form.</p> <p>Iteration Handling: Do/loops, for/next loops, using msgbox function. Using string function.</p>
January	Exams
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Name of Assistant/Associate Professor M. Hema

Paper with Code: HTML Programming (20USECCS402) Class: Bsc CS 4th sem Session : 2022-23

Month	Name of Topic
July	
August	
September	
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January	
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March	Introduction, The Basics, The Head, the Body, Colors, Attributes, basic formatting tags heading, paragraph, underline break, bold, italic, underline, superscript, subscript, font and image. Attributes align, color, bgcolor, font face, border, size. Lists - ordered, unordered and definition, Table tag,
April	Navigation Links using anchor tag - internal, external, mail and image links, Relative Links, Absolute Links, Link Attributes, Using the ID Attribute to Link Within a Document. Images: Putting an Image on a Page, Using Images as Links, Putting an Image in the Background
May	Tables: Creating a Table, Table Headers, Captions, Spanning Multiple Columns, Styling Table. Forms: Basic Input and Attributes, Other Kinds of Inputs, Styling forms with CSS, where to Go from Here, HTML Form controls - form, text, password, text area, button, checkbox, radio button, select box, hidden controls.
June	

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Name of Assistant/Associate Professor Ms. Hemra

Paper with Code: Operating Systems (20UCS401) Class: Bsc CS 4th sem Session : 2022-23

Month	Name of Topic
July	
August	
September	
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November	
December	
January*	
February	
March	<p>Introduction: System Software, Resource Abstraction, OS strategies.</p> <p>Types of operating systems - Multiprogramming, Batch, Time Sharing, Single user and Multiuser, Process Control & Real Time Systems. Operating System Organization: Factors in operating system design, basic OS functions, implementation consideration; process modes, methods of requesting system services — system calls and system programs.</p> <p>Process Management: System view of the process and resources, initiating the OS, process address space, process abstraction, resource abstraction, process hierarchy.</p>
April	<p>Thread model Scheduling: Scheduling Mechanisms, Strategy selection, non-preemptive and preemptive strategies. File System: Different types of files and their access methods, directory structures, various allocation methods, disk scheduling and management and its associated algorithms.</p> <p>Memory Management: Mapping address space to memory space, memory allocation strategies, fixed partition, variable partition, paging, virtual memory</p>
May	<p>Shell Scripting: Introduction, types of shell, editors in linux, vi editor, modes of operation in vi editor; Shell scripting: writing and executing the shell script, Shell variable (user defined and system variables), System calls, Using system calls, Pipes and Filters, Decision making in Shell Scripts (If else, switch), Loops in shell, Functions, Utility programs (cut, paste, join, tr, uniq utilities), Pattern matching utility (grep).</p>
June	Exams

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Name of Assistant/Associate Professor <u>M. K. Khera</u>	
Paper with Code <u>Data Structure and algorithm (20UCS301)</u> Class <u>BSc. (CS) 3rd sem</u> Session <u>2022-23</u>	
Month	Name of Topic
July	
August	
September	Unit-I Introduction to Data Structures, Arrays. Searching Techniques: Linear and Binary Search. Sorting Techniques: Elementary sorting Techniques-Bubble Sort, Insertion Sort, Merge Sort,
October	Advanced Sorting Techniques-Heap Sort, Quick Sort, Sorting in Linear Time-Bucket Sort, Radix Sort and Count Sort, Recursion. Unit-II Stacks: Implementing stack using array and linked list, Prefix, Infix and Postfix expressions, Utility and conversion of these expressions from one to another;
November	Queues: Array and Linked representation of Queue, De-queue, Priority Queues Unit-III Linked Lists: Singly, Doubly and Circular Lists, representation of Stack and Queue as Linked Lists. Trees: Introduction to Tree as a data structure; Binary Trees, Binary Search Tree, (Creation, and Traversals of Binary Search Trees).
December	Unit-IV Introduction: Basic Design and Analysis techniques of Algorithms, Correctness of Algorithm Algorithm Design Techniques: Iterative techniques, Divide and Conquer, Dynamic Programming, Greedy Algorithms, Complexity Analysis: Medians & Order Statistics.
January	Exams
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Name of Assistant/Associate Professor Ms. Kuma

Paper with Code: Problem Solving using Computer (20/CS201) Class: Bsc CS ²⁰²² Session : 2022-23

Month	Name of Topic
July	
August	
September	
October	
November	
December	
January	
February	
March	Computer Fundamentals Introduction to Computers Characteristics of Computers, uses of computers, Types and generations of Computers, Block Diagram of Computer, Input/output Device Planning the Computer Program Concept of problem solving, Problem definition, Program design, Debugging, Types of errors in programming, Documentation Techniques of Problem Solving Flowcharting, decision table, algorithms, Structured programming concepts Programming methodologies viz top-down and bottom-up programming
April	Operators Arithmetic operator, Relational operator, Logical or Boolean operator, Assignment, Operator, Ternary operator, Bit wise operator, Increment or Decrement operator Input —Output Statement I/O Functions, % Format Specifiers Control Statement Control Loops, Conditional Execution and Nesting of Loops and Conditional Statements Overview of Programming Programming Logic Using 'C', C Fundamentals Introduction to C, C Character set, Data types, Constants, Variables, Identifiers and keywords, Literals, Strings
May	Control Statement Control Loops, Conditional Execution and Nesting of Loops and Conditional Statements Function Defining, Accessing and Passing Arguments to a Function, Function Prototypes, Recursion Arrays and Strings Single and Multidimensional Arrays, Introduction to Strings, String processing Pointer, Structure and Union Understanding Pointers, Pointer and Arrays, Pointer to Function, Defining and processing structures, Pointer and Structures, Concepts of Union
June	

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Name of Assistant/Associate Professor Ms. Hemq

Paper with Code Digital Electronics (20UCS101) Class BSc. (CS) 1st sem Session 2022-23

Month	Name of Topic
July	
August	
September	Unit-I Review of basic electronics : Diodes-half and full wave rectifiers. Zener Diode Zener diode as a voltage regulator, Bipolar Junction Transistors, Transistor Configuration, CE Characteristics, relation between transistor currents, Transistor biasing methods, Small signal CE amplifiers, RC phase shift oscillators, Astable multi-vibrator.
October	Unit-II Data Representation: Concept of number system bases binary, decimal and hexadecimal number systems and conversion between each, Binary arithmetic: Addition, subtraction 1s and 2s complement system, multiplication. Codes: BCD, ASCII, Floating point representation.
November	Unit-III Boolean Algebra: Boolean functions: AND, OR and NOT, NAND, NOR and XOR. Truth tables, Combinational logic in Venn diagrams. Realization of other logic gates using NAND and NOR. Laws of Boolean Algebra, DeMorgan's theorems. Min terms, SOP expressions, Max terms, POS expressions, Karnaugh maps. Flip flops - SR flip flop, JK flip flop, Master Slave, D and T flip flops.
December	Unit-IV Digital Circuits: Multiplexer, Full and half adders, Subtractors - half and full subtractors, Comparators 1 bit and 2 bit, Counters, Decoder and display, shift registers, de-multiplexer and keyboard encoder.
January	Exams
February	
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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor Ms. Hema

Paper with Code Fundamentals of IT (20USECCS101) Class BSc. (CS) 1st sem Session 2022-23

Month	Name of Topic
July	
August	
September	Unit-I Computer: Definition, Block Diagram along with its components, characteristics & classification of computers, Limitations of Computers, Human-Being Vs Computer, Applications of computers in various fields. Information Technology: Definition, Scope, Applications, IT Tools. Operating System: Operating System, Types of Operating System, Function of Operating System, Features of Window OS, Types of Software, Proprietary and Open Source Software.
October	Unit-II Input devices, Output devices, Printers, Memory: Concept of primary & secondary memory, RAM, ROM, types of ROM, Secondary storage devices. Overview of Networking: An introduction to computer networking, Types of Network, Network topologies, Modes of data transmission, Transmission media.
November	Unit-III Understanding Word Processing: Word Processing Basics; Opening and Closing of documents; Saving a document, Menu Bar, Ribbon, Page setup, Formatting Text, Editing, Printing, drawing table, manipulating table, working with graphics, Mail merge. Inserting equation, Word Art, Smart Art, Header and Footer, Track Changes, Macros. Working with Presentation: Basics of presentation software; Opening, Saving, creating a Presentation; Preparation and Presentation of Slides; entering and editing text, Insert and delete slides, adding clip art picture.
December	Unit-IV Using Spread Sheet: Basics of Spreadsheet; Elements of spreadsheet, Manipulation of cells, saving workbook, entering data, editing data, formatting worksheet, Formula and Function, Working with Charts and Graphics, Data Validation, Conditional Formatting, Sorting, Filtering, Advance Filter, Page Layout.
January	Exams
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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor Mr. Hemraj

Paper with Code: Software Testing Concepts (20USECCS601) Class: Bsc (CS) 6th sem Session : 2022-23

Month	Name of Topic
July	
August	
September	
October	
November	
December	
January	
February	
March	Software Testing: Basics of software testing, Strategic Approach to Software Testing, Testing objectives, Test Strategies for Conventional Software, Principles of testing, Testing and debugging, Test metrics and measurements, STLC, Verification, Validation, Software Quality and Reliability, V Shaped Software Lifecycle Model. Functional and non-functional Testing; system testing, recovery testing, security testing, stress testing, performance testing, usability testing,
April	White box testing, static testing, static analysis tools Structural testing: Unit/Code functional testing, Code coverage testing, Code complexity testing, Black Box testing, Requirements based testing, Boundary value analysis, Equivalence partitioning, state/graph based testing, Scenario Testing, Alpha, Beta and Acceptance Testing: Acceptance criteria; test cases selection and execution, Decision Table Based Testing.
May	Basis Path Testing: Program Graph, DD Path graph, Cyclomatic Complexity, Graph Matrices, Control Flow Testing: Statement Coverage, Branch Coverage, Condition Coverage, Path Coverage.
June	Exams

Hemraj


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Name of Assistant/Associate Professor Ms. Hemu

Paper with Code: Object Oriented Programming using C++ (20UCS604) Class: Bsc (CS) 6th sem Session : 2022-23

Month	Name of Topic
July	
August	
September	
October	
November	
December	
January	
February	
March	<p>Introduction to object oriented programming: Procedural vs. Object oriented programming, Characteristics of OOP: Objects, classes, Encapsulation, Data Abstraction, Inheritance, Polymorphism, Dynamic Binding, and Message Passing. Structure of C++ program: Data-types, Variables, Static Variables, Operators in C++, Arrays, Strings, Structure, Functions, Recursion, Control Statements. Introduction to Class: Class Definition, Classes and Objects, Access Specifiers: Private, Public and Protected.</p>
April	<p>Member functions of the class, Constructor and Destructor, Parameterized Constructor, Copy Constructors. Inheritance: Reusability, Types of Inheritance: Single inheritance, Multiple, Multilevel, Hybrid Inheritance. Public, Private, and Protected Derivations. Constructor and destructor in derived Class, Object initialization and conversion, Nested classes. Polymorphism: Function Overloading, Static Class Members, Static Member Functions, Friend Functions, Operator Overloading: Unary and Binary Operator Overloading.</p>
May	<p>Abstract class, Virtual function, Pure virtual function, Overloading vs. Overriding. Memory management: new, delete, object Creation at Run Time, This Pointer. Exception handling: Throwing, Catching, Re-throwing an exception, specifying exceptions, processing unexpected exceptions, Exceptions when handling exceptions.</p> <p>Templates: Introduction, Class templates and Function templates, Overloading of template function, namespaces. Introduction to STL: Standard Template Library: benefits of STL, containers, adapters, iterator, vector, list. Working with files: C++ streams, C++ stream classes, creating, opening, closing and deleting files, file pointers and their manipulators, Error handling during file operations.</p>
June	Exams

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Name of Assistant/Associate Professor Ms Hans

Paper with Code: Management Information System (20UCS607) Class: Bsc (CS) 6th sem Session : 2022-23

Month	Name of Topic
July	
August	
September	
October	
November	
December	
January	
February	
March	Data and Information. MIS- need and concepts, factors influencing MIS and characteristics of MIS. Technology of MIS. Structure of MIS. Decision Making and role of MIS. Data communication. Basic H/W required, Channel features and concept of Distributed Databases Decision Support System: Overview, components and classification, steps in constructing a DSS, role in business, group decision support system.
April	Information system for strategic advantage, strategic role for information system, breaking business barriers, business process reengineering, improving business qualities. Planning for MIS; System Development Methodologies; Conceptual and detailed designs of MIS. Information system analysis and design, information SDLC, hardware and software acquisition, system testing, documentation and its tools, conversion methods.
May	System implementation Strategies and process; System Evaluation and Maintenance. Applications cross—functional MI W S; ERP; CRM; SCM; Transaction Processing; Artificial Intelligence technologies in business: neural network, fuzzy logic, virtual reality; Executive information system.
June	Exams

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Name of Assistant/Associate Professor SANGEETA Class B.COM(CA)1ST SEM Session 2022-2023
 Paper with Code 19BC-105 Name of Topic _____

Month	Name of Topic
July	
August	
September	<u>UNIT-1</u> Introduction of computer: Organisation, Characteristics, Types of computers, Types of Memory, Hardware and Software. <u>UNIT-2</u> Operating System: Introduction of OS, Types of OS, Function of OS, MS-DOS Internal commands: chdir, cls, path, prompt, label, ver, bol, echo, set. External Commands: scandisk, discopy, diskcomp, format, backup, restore.
October	Windows-window Explorer: Print Manager, Control Panel, Paint Brush, Dialog box-Text box, Check box, slide box, Desktop. <u>UNIT-3</u> MS Office: Introduction of word Processing, MS-WORD: Creating, Editing, printing, Page Formatting, Sorting and Tables, Mail-merge.
November	Ms Excel- Introduction to spread sheet, Creating, Editing, printing, Formatting of Worksheets, Preparation of Graphs. <u>UNIT-4</u> Data Communication and Networks: Data Communication Concepts, Modems, Multiplexers, Networking-Need, Types of Network, Distributed Networking, Client-Server Concepts, OSI Models
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Name of Assistant/Associate Professor SANGEETA Class B.COM(CA)1ST SEM Session 2022-2023
 Paper with Code Operating Systems (19BCVC-102) Name of Topic _____

Month	Name of Topic
July	
August	
September	<u>UNIT-1</u> Introduction to various categories of software: Application software and system software; operating system and its functions, interaction of operating system with user programs components of operating system, memory management, file management. Introduction to DOS, DOS commands-move,copy,rename,delete files in DOS.
October	<u>UNIT-2</u> Device management, control of various devices, device drivers, BIOS, DOS internal & external commands, restore and backup commands, DOS interrupts, Multi-user, multi-tasking, multi-processing and real time OS, Brief introduction to memory management techniques.
November	<u>UNIT-3</u> File system, file management, process management and Scheduling, multi-Processing OS, Introduction to UNIX operating system. <u>UNIT-4</u> Introduction to Data processing, records and file data collection, presentation, verification, editing and checking. Business files, introduction to data structure, elements fields and records, classification of files, master file and transaction file.
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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor SANGEETA Class B.COM/CA/2ND SEM Session 2022-2023
 Paper with Code Database Management System (19BC/VC-202)

Month	Name of Topic
July	
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March	<p>MIT-1 Introduction to database components of database attributes of DBMS, Different model of databases, three tier schema of Database advantages and disadvantages of database and DBMS Comparison with traditional file system</p> <p>MIT-2 Database design and ER Model ER Model, Constraints, ER-Diagrams, ERD Issues, Relational Schemas, Introduction to UML Relational database model, logical view of data, Keys, integrity rules</p>
April	<p>Relational Database design Features of good relational database design, atomic domain and Normalization</p> <p>MIT-3 Different application of DBMS, Structured Query Language (SQL), DDL, and DML, Database Security and Privacy.</p>
May	<p>MIT-4 Transaction management ACID properties, serializability and concurrency control, Lock based concurrency control (2PL, Deadlocks), Time stamping method, optimistic methods, database recovery management</p>
June	


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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor: SANGHITA Chair: REVENUE ASSISTANT Session: 2022-23
 Paper with Code: Networking and Internet (19BE1EC-201)

Month	Name of Topics
July	
August	
September	<p>UNIT-1 Introduction to Computer Networks, Types and Topologies of Networks, OSI and TCP/IP Reference Models, Configuration of Modem, Data Communication Concepts: Digital vs. Analog communication, Parallel and Serial Communication, Multiplexing, Asynchronous and Synchronous Communication, Multiplexing modes: simplex, half duplex, full duplex, Multiplexing transmission media, Wired, Twisted pair, coaxial, fibre, Fiber optical, Wireless transmission, Terrestrial, Microwave, Satellite, Infrared.</p> <p>UNIT-2 Communication Switching Techniques, Circuit, Message, Packet Switching, Data link layer fundamentals, Framing, Basics of Error Detection, Forward Error Correction, cyclic Redundancy Check code for Error Detection, Flow Control.</p>
October	<p>Media Access Protocols: CSMA/CD, Carrier sense Multiple Access (CSMA/CD), CSMA with Collision Detection, CSMA/CA, TDMA, GPRS, GSM, Bluetooth.</p> <p>UNIT-3 Introduction to Internet and Web (Application and Characteristics of Web Applications, Concepts of Internet, Applications of Internet, Basic and Advanced Protocols: Introduction to Internet, User Server Environment, Web Browser and its functions, Web Server and Internet Protocols: Introduction to Internet, User Server Environment, Web Browser and its functions, Web Server and other layers: WWW, FTP, Mail (SMTP), Sending and Receiving file through FTP, Fighting Spam, Spamming and Searching, Virus, Malware, Bot, Accounting of Mail services, Configuring Mail program.</p> <p>Search Engines: Structure of Search Engines, Searching Criteria, HTTP, HTML, DNS, Client/Server Network Concepts, Bandwidth, Latency, Server requirements and attack, Cryptography, Symmetric Key (DES, AES), Public Key Encryption (RSA), Firewall, Networking Devices: Core of Networking (Switch, Routers, Load balancers, Modem, Proxy Server, Switches, Switching Methods (circuit-switched, Packet-switched, Message-switched, Store-and-forward, Virtual Switching Methods: Bridge, Access Point, WLAN).</p>
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LESSON PLAN PERFORMA


Name of Assistant/Associate Professor SANGEETA Class B.COM(CA)4TH Session 2022-2023
 Paper with Code Structured Programming Using C (19BCVC-403)

Month	Name of Topic
July	
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March	<p>UNIT-1 Planning the Computer Programming: - Purpose of Program Planning, Methods of analyzing a program requirement, Representations of Algorithms, Flow Charts, Flowchart Symbols, Levels of Flowcharts, Flow Chart Rules, Advantage & Disadvantages of Flow Chart, Structured programming concepts, Programming methodologies top-down and bottom up programming, Advantages and Disadvantages of Structured programming.</p> <p>UNIT-2 Introduction to "C" language: Concept of structural programming, Basic Constructs of Structural Programming: Sequence, Selection, Repetition, Advantage of c.</p> <p>Data types, Constant, Variable, Keywords, Structure of C program, Operators, If statements, Switch statements Go To statement</p> <p>UNIT-3 Loops, While, Do while, For, Exiting from a loop, Arrays: One and Multidimensional array, Modular Programming with Function: Defining and calling functions, Function declarations, Arguments, Return statements, program termination, Pointer and Strings: Pointer variables, Pointer assignment and pointer arithmetic, String literals, variables, Reading and writing strings: Using the C string library: strcpy, strlen, strcat, strcmp, Arrays of String</p>
April	
May	<p>UNIT-4 Structures and Dynamic Memory Allocation: Structures, Arrays of Structures, Passing Structures to Functions, Nested Structures, unions, Enumerations, Dynamic Memory Allocation, Deallocating storage, linked list, The Preprocessor: How the Preprocessor works, the c preprocessor and the # include and # define Directives, Macro definitions, general properties of macros, #if and #endif directives defined operator File Input/Output: Streams: file pointers, standard streams and redirection, File operations: open and close a file, attaching a file to an open stream, obtaining file names from the command line, File Input and output, reading/writing data structure to files random access.</p>
June	


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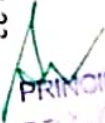
Name of Assistant/Associate Professor SANGEETA
 Paper with Code System Analysis and Design (19BCVC-405) Class B.COM(CA)4TH Session 2022-2023

Month	Name of Topic
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February	<u>UNIT-1</u> Introduction to system, characteristics of a system, Elements of system, Types of system, SDLC, Role of system analyst, Analyst/user interface. <u>UNIT-2</u> System planning and initial investigation: Introduction, Bases for planning in system analysis, Sources of project requests, initial investigation.
March	Information gathering, information gathering tools, Fact analysis, Determination of feasibility. <u>UNIT-3</u> System Design: System Design objective, Logical and physical design, Design Methodologies, structured design, Form-Driven methodology (IPO charts), structured walkthrough.
April	Input/Output and form design: Input design, Objective of Input design, Output design, Objective of output design. <u>UNIT-4</u> System testing: Introduction, Objective of testing, Test plan, testing techniques/Types of system test, Quality assurance goals in system life cycle, System implementation, Process of implementation, System evaluation, System maintenance and its types.
May	
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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor SANGEETA
 Paper with Code Object Oriented Programming using c++(19BCVC-505(A)) Class B.COM(CA)5TH SEM Session 2022-23


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Month	Name of Topic
July	
August	
September	<p><u>UNIT-1</u> Object Oriented Programming Concepts: Procedural Language and Object Oriented approach, Characteristics of OOP: Objects, classes, Encapsulation, Data Abstraction, Inheritance, Polymorphism, Dynamic Binding, Message Passing.</p> <p><u>UNIT-2</u> Structure of c++ program: Data types, variables, Static Variables, Operators in C++. Arrays, String, Structure, Function, Recursion, Control statements.</p>
October	<p><u>UNIT-3</u> Classes: Class, object, Memory allocation for Objects, memory layout of objects, private, public, protected member function, static members. Memory Management: Dynamic Memory allocation: new, delete, Object Creation at Run Time.</p>
November	<p><u>UNIT-4</u> Inheritance: Derived Class and Base Class, Different types of Inheritance: Overriding member function, Public and private Inheritance, Polymorphism: Definition, operator overloading, Templates: Introduction class templates, Function templates, Overloading of Template function, namespaces, Introduction to STL: Standard Template Library and its benefits, containers, adapters, iterators, vector, lists.</p>
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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor SANGEETA
 Paper with Code Multimedia and Computer Graphics(19BCVC-506(B)) Class B.COM(CA)5TH SEM Session 2022-23

Month	Name of Topic
July	
August	<u>UNIT-1</u> Computer Graphics and its application. Pixel, frame, buffer. Display Devices- Random Scan, Raster Scan Monitors, Color CRT Monitor, DVST And Plasma Panel. 3-D Transformation: Translation, Scaling, Rotation. Windowing & Clipping windows, view port, line clipping, polygon clipping <u>UNIT-2</u> windows & View port transformation. Display file, Segment table, Segment creation, deletion, rename.
September	
October	Multimedia: Text-Font, Faces, animating Text, Hyper Text, Sound: MIDI, Digital audio basics, auto file formats, audio editing. MCI- multimedia control interface. <u>UNIT-3</u> Image- Bitmap, Vector drawing, color palate, concept of 3D Modeling, Image file formats(BMP, JPG), Animation: principle of animation, cell animation, kinematics, morphing.
November	Video- Broadcast video standards (NTSC, PAL). Integrating computer and television, video capture board, video, colour, shooting and editing video, video compression (JPEG, MPEG) <u>UNIT-4</u> Hard copy devices: Printers & plotters, Input devices: mouse, Trackball, light pen, Scanner, Digital Camera.
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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor SANGEETA
 Paper with Code Emerging Technologies(19BCVC-605(B)) Class B.COM(CA)6TH SEM

Session 2022-23

Month	Name of Topic
July	
August	
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February	
March	<p><u>UNIT-1</u> Introduction to Emerging Technologies: Evolution of Technologies, Role of Data for Emerging Technologies, Enabling Devices for Emerging Technologies.</p> <p><u>UNIT-2</u> Introduction to data Science: Overview for Data Science, Data Value Chain, Basic Concepts of Big Data</p>
April	<p><u>UNIT-3</u> Artificial Intelligence: Introduction to Artificial Intelligence, Application of Artificial Intelligence, Artificial Intelligence tools and platforms.</p>
May	<p><u>UNIT-4</u> Internet of Things: Meaning, History, Advantages, Challenges, Architecture.</p>
June	


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Name of Assistant/Associate Professor Ms. Mamta

Paper with Code Yoga, Health and Nutrition 18-MPE-100 Class B Com 3rd Session 2022-23

Month	Name of Topic
July	
August	
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February	
March	Meaning ,definition ,dimension and determinants of Health . Role of physical activities in maintaining health. Health problem in India ,effect of alcohol , tobacco on health . Preventing strategies for obesity , hypertension , coronary heart disease , diabetes in relation to . physical activities and lifelong wellness
April	Meaning and definition of food and nutrition .Basic nutrition guidelines and role of nutrition in daily life Concept of balance diet caloric values of food. Role of diet in weight management. Introduction to yoga :Meaning and definition . Astanga Yoga, Yama , Niyama ,Aasana , Prathyahara , Dharama , Dhyana and Samadhi.
May	Yogic Practice :Places , Time Clothes , Bathing ,Diet before and after yoga . Surya Namaskar ; methods and benefits . Meaning of Asana ,its types and principles. Meaning of Pranayama , its types and principles. Meaning of Kriyas ,its types and principles. Meaning of Bandhas its types and principles.
June	


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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor Ms Mamta

Paper with Code Entrepreneurship 19 BC -606 (A) Class B Com 3rd Session 2022-23
and Small Scale business

Month	Name of Topic
July	
August	
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December	
January	
February	
March	Entrepreneurship : Meaning , Emergence of Entrepreneurship , Knowledge and skills Requirement , Features of Successful Entrepreneurs , Role of Entrepreneurship in Economic Development, Entrepreneurship Process , Factors Impacting Entrepreneurship , Managerial vs Entrepreneurial Approach, Types of Entrepreneurs , Entrepreneur , Intrapreneur and Professional Manager.
April	Generating business Idea- Sources of New ideas , METHODS OF Generating ideas. Creative Problem solving , Opportunity Recognition , Environmental Scanning , Competitor and Industry Analysis , Feasibility , operational Feasibility Financial feasibility
May	Preparation of Business Plan , Presenting Business plan to investors , preparing project report , Entrepreneurial Plans and Network of Indian Institutions. Entrepreneurial Mobility and Functional Plans : Factors Influencing Mobility , Occupational Mobility , Locational Mobility , Functional Plans : Marketing Plans , Steps in preparing Marketing Plan , Contingency Planning
June	

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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor Ms Mamta

Paper with Code Financial Market (FMO) 19 BC -605(B) Class B Com 3rd Session 2022-23
operations

Month	Name of Topic
July	
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March	Money Market :Indian money market ,feature ,function and component Main instruments of money market, Recent trends in Indian Money Market . Capital Market :Main Players in Indian Capital Market ,Current Issues in Capital .
April	.SEBI :-Fundamentals ,Powers ,Objectives of SEBI ,Scope and Function of SEBI , Investors Protection - Grievances concerning stock exchange and dealings and their removal . Grievance Cell in stock exchange SEBI : Company law board , Press remedy through courts .Functionaries of stock exchange :- Brokers , Sub brokers , Market makers and Jobbers , Portfolio Consulants , Institutional Investors, Depository.
May	Financial Services - Features , types offinancial Services Marchant Banking -Functions and roles , SEBI Guidelines. Role of Development Financial Institutions in India Policy measures. Product and services offered by IFCI ,IDBI ,IIBI ,SIDBI , IDFCCL, EXIM, NABARD and ICICI.
June	


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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor Ms. Manita

Paper with Code Swachh Bharat 18-UGC-100 .Class B Com 3rd Session 2022-23

Month	Name of Topic
July	
August	
September	Explain Swachhata, Ways of awareness for swachhata .Personal Hygeine
October	Health and health Education . Balance diet and Sanition practices
November	Solid waste management Segregation .Disposal. Non-Biodegradable and Biodegradable waste
December	Compost pits , Biogas plants. Ways of campaigning . Role of Gram Panchayat in Swachhta
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Name of Assistant/Associate Professor ___ Ms Mamta _____

Paper with Code_Marketing Research_19BCVA-505(A)_Class_B Com 3rd__Session_2022-23

Month	Name of Topic
July	
August	
September	Marketing Research - Meaning, types ; theory and research - components, concept, constructs, definition variables, proposition and hypothesis; deductive and inductive theory; nature, process and importance of problem definition; research proposal - meaning, types and component of research proposal.
October	Research Design - Meaning, elements; type of research design - exploratory research, descriptive; experimental design- issues, classification of experimental design; concept and their measurement, measurement scales. Sample design and sampling procedure, determination of sample size, methods of collecting primary and secondary data.
November	Questionnaire -meaning and issues in construction of questionnaire. Statistical techniques of data analysis, nature and types of descriptive analysis , uni-variate and bivariate tests of statistical significance, research report -meaning and types, ingredients of research proposal.
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Name of Assistant/Associate Professor Ms. Mamta

Paper with Code 19BCVA-202 Class B Com 1st_ASM Session 2022-23

Advertising and Sales Management

Month	Name of Topic
July	
August	
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March	Concept and Importance of Advertising, Advertising Objectives and Advertising Function; Types of Advertising Commercial and Non-Commercial Advertising; Advertising Media: Different types of Media
April	Media Planning, Impact of Advertising Agencies' relationship with Clients (AAAI, ASCI); Advertising Budget: Factors affecting to Advertising Expenditure.
May	Ethics and Code of Conduct in Advertising; Advertising Classified and Display Advertising, Comparative Advertising Regulatory Agencies in Advertising Advertising Message: Preparation of an Advertising Message, Elements: Print Copy, Broadcast copy, copy for direct mail
June	


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Name of Assistant/Associate Professor Ms. Manita

Paper with Code: Business Communication Skills (19BC -205)_ Class: B.Com (2nd Sem)_ Session:-2022-23

Month	Name of Topic
July	
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February	
March	Introduction: Basics of communication, Seven C's of effective communication, barriers to communication, ethical context of communication.
April	Business Communication at workplace: Letter writing- component, layout and process, E- mail communication, bad news messages, persuasive written communication, memos, notice, agenda and minutes of meeting.
May	Report Writing: Types of business reports, structure of reports, short reports, long reports, abstracts and summaries, proposals, Communication Skills: Reading skills, listening skills, note making, persuasive speaking. Body language, Gestures.
June	


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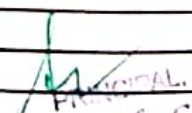
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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor - Ms. Manita

Paper with Code 19 BC 303 Class b.com-II Session 2022-23
 Human Resource Management

Month	Name of Topic
July	
August	
September	<p>An Introduction to Human Resource Management Definition, Importance objectives and scope of Human Resource Management (HRM). Functions of Human Resource Management: - Managerial and Operative Functions .Qualification and Qualities of Human Resource manager in an organization. Evolution and Growth of Human Recourse Management (HRM) in India, Emerging Challenges of HRM work force diversity, downsizing, work life balance etc. Recruitment Selection and Training, Recruitment: - Meaning, steps in recruitment policy, sources and modes of recruitment, Factors affecting recruitment. Selection: - Meaning, Essentials of Selection Procedure, Stages in Selection Procedure.</p>
October	<p>Training: - Concept, Need and importance of Training. Methods of Training: - On the job Training + off the job Training, Principles of training, Evaluation off training Programme in India. Job analysis, Job Description and Job specification. Wage and Wage Incentives, Wages: - Meaning, Objective and Theories of wages, Methods of wage Payment: - Time wages and Piece wages methods Concept of wages: - Fair, Minimum and Living wage, Factors determining wage Structure of an organization, Essentials of satisfactory wage policy. Wage Incentives: - Concept, Need and Importance of Incentives .Special Incentives, Essentials of Ideal Incentives system.</p>
November	<p>Industrial Relations: - Concept, Importance and Objectives of industrial relations, Contents of industrial relations .Participants of Industrial relation and Recruitment of good Industrial relation Programme. Industrial Unrest: - Meaning, Forms and Causes of industrial disputes, Impact of Industrial unrest on the Economy, preventive and curative methods and Agencies for Reconciliation of Industrial unrest. Labour courts for disputes in India. Basic Understanding of Legal framework for the Empowerment of the Workers</p>
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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor - *Ms. Manj*

Paper with Code 19 BC 304
Environmental Studies

Class *b.com-II* Session

2022-23

Month	Name of Topic
July	
August	
September	<p>Multidisciplinary nature of environmental studies: Definition, scope and importance Need for public awareness; Renewable and non-renewable resources: Forest resources, Water resources, Mineral resources, Food resources, Energy resources, Land resources, Role of an individual in conservation of natural resources, Equitable use of resources for sustainable lifestyles.</p> <p>Ecosystems: Concept of an ecosystem, Structure and function of an ecosystem, Producers, consumers and decomposers, Energy flow in the ecosystem, Ecological succession, Food chains</p>
October	<p>, food webs and ecological pyramids. Introduction, types, characteristic features, structure and function of the following ecosystem: Forest ecosystem, Grassland ecosystem, Desert ecosystem, Aquatic ecosystems.</p> <p>Environmental Pollution: Cause, effects and control measures of - Air pollution, Water pollution, Soil pollution, Marine pollution, Noise pollution, Thermal pollution, Nuclear hazards Solid waste Management: Causes, effects and control measures of urban and industrial wastes; Role of an individual in prevention of pollution. Disaster Management: floods, earthquake, cyclone and landslides</p>
November	<p>Social Issues and Environment: From Unsustainable to Sustainable development, Water conservation, rain water harvesting, watershed management. Environmental ethics: Issues and possible solutions, Climate change, global warming, acid rain, ozone layer depletion. Human Population and Environment: Population growth, Environment and human health, Role of Information Technology in Environment and human health.</p>
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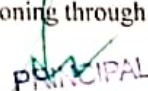
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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor Ms Mamta

Paper with Code Service Marketing 19BCVA-405 Class_B Com 2nd ASM Session_2022-23

Month	Name of Topic
July	
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March	<p>Nature and Scope of Services- Introduction, meaning of services, unique characteristics, difference between services and tangible product, service sector, classification of services, growth of service sector and service industries. Service Marketing - Introduction, concept and evolution of service marketing, meaning of service marketing, myths encountered in services, need for service marketing, and growth in Services marketing. Emerging Issues in Service Marketing - Introduction, Strategic approach in Services Marketing, Service Marketing in e-Commerce and e-Marketing, and Telemarketing Services, Services Marketing Research for Global Markets and Rural Markets, Innovations in Services Marketing, Ethical Aspects in Service Marketing. Services Marketing Mix and Gaps Model - Introduction, 7Ps of service marketing, Service gaps framework, perceived service quality, models of service marketing.</p>
April	<p>Consumer Behavior in Services Marketing - Introduction, Customer Exeptions in Services, Service Costs Experienced by consumer, the Role of customer in Service Delivery, Conflict Handling in Services, Customer Responses in Services, Concept of Customer Delight. Intergrated Services Marketing - Introduction, meaning and Importance, Feature of Intergrated Service Marketing, Intergrated Marketing Communication for Service, Reasons for growing Importance of integrated marketing communication, Advantages of integrated marketing communication, Integration of service quality measures and managing quality. Marketing of Services - Introduction, Overview of Different Service Sectors, Marketing of Banking Services, Marketing in Insurance Sector, Marketing of education Services, Marketing of tourism and Airlines, Tourism marketing, Airlines marketing, marketing of Hospitality services, Health Marketing, Social Service by NGOs, Marketing of Online Services, Marketing of Professional Services</p>
May	<p>Service Desgine and Service Delivery - Introduction, Service delivery process, Service encounters and Moments of Trough, employee role in service delivery, service employee-criteria, importance and emotional approach, role of service provider, intermediaries involved in Service Process and Service Delivery. STP Strategy for Services - Introduction, Need for segmentation of service, bases of segmentation service, segmentation strategies in service marketing, need for targeting and positioning of services, positioning strategies for services, positioning Through Product/Service Delivery Strategies, positioning through Sales Promotion and Advertising, Service Differentiation Strategies.</p>
June	


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Name of Assistant/Associate Professor Ms. Manita

Paper with Code_Auditing (19BC -504) Class_B.Com (5th Sem)_Session_2022-23

Month	Name of Topic
July	
August	
September	Auditing: concept, objectives, importance and types of auditing, audit process: internal control, internal check and internal audit, audit program, Audit procedure- routine checking, vouching
October	verification and valuation of assets and liabilities, Audit of public company: qualification of a company auditor, appointment of company auditors, powers, duties and liabilities of auditors, audit of depreciation and reserves, divisible profits and dividends
November	Audit report: introduction and basis of audit report, objectives of audit report, contents, type of audit report, investigation: meaning, concept, features and significance of investigation
December	
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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor Ms. Manita

Paper with Code Advertising and sales Management (19BC -505(A)) Class B.Com (5th Sem) Session 2022-23

Month	Name of Topic
July	
August	
September	Introduction to advertising: evolution of advertising and promotion, emergence of integrated marketing communication strategy, developing marketing planning program, role of advertising and promotion, types and role of advertising agencies, Sales management: participants in IMC process, position of sales management in promotion, characteristics and responsibilities of sales management,
October	basics skills and changing roles of sales manager's, theories of selling sales planning objective and process, Territory management: requirements and system for setting up sales territories, time management, routing sales quota objectives and types of quotas,
November	management of Salesforce- recruitment selection and training, Control process and distribution channels, analysis of sales, cost and profitability, sales expenses managing, performance evaluation of sales force, ethical issues in sales management, web marketing, emerging issues in advertising and sales management
December	
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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor Ms. Kalpana

Paper with Code GST (19BC -604) Class B.Com (6th Sem) Session 2022-23
Goods and Services Tax (GST)

Month	Name of Topic
July	
August	
September	
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November	
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January	
February	
March	Salient features of GST, GST Rates Rationale for GST, Structure of GST (SGST, CGST, UTGST, IGST), GST Registration, Principles and Provisions of GST, Special provisions for Casual taxable persons and non-resident taxable persons
April	Special Provisions: Taxability of E-commerce, E-way bills, offences and penalties, Exempted Goods and Services, place of Supply, Import and Export, Valuation of GST
May	Assessment procedure of GST; Calculation of GST, Payment of GST, Procedure for refund of GST
June	

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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor __ Ms. Kalpana _____

Paper with Code __ Retail Management (19BC -506(B)) Class_B.Com (5th Sem)_Session_2022-23

Month	Name of Topic
July	
August	
September	Introduction; Concept, Characteristics, theories of Retail Development, Evolution of Retailing and present size, Functions of R.M. career in retailing, technology induction in retailing, Retail Mix and potential of retailing in India, E- Retailing
October	Types of Retailing, Wheel of retailing, Traditional retail format vs. modern retail formats in India, Store and non-store based formats, cash and carry business- Features, Fundamentals and Scope, Retailing models- Franchiser franchisee, directly owned.
November	Management of Retailing Operations; Wheel of retailing life cycle, R.M. and the total performance model, Strategic retail management process, retail planning- Significance and process, developing retailing strategies, objectives, Action plan, retail price strategies, retail location, location strategies.
December	
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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor Ms. Kalpana

Paper with Code 19BCVA-102 Class B Com 1st ASM Session 2022-23
Marketing Management

Month	Name of Topic
July	
August	
September	Introduction: - Nature, Scope, Importance of marketing; Marketing concepts- Traditional and Modern 7P's of Marketing; Market Segmentation: - Concept, Importance and basis of market segmentation; E-Marketing.
October	Consumer Behavior: Nature, Scope, Importance, Factors affecting buyer behavior; Product Planning and Development: Importance and scope of Product Planning in marketing; Stages of New product development; Product Lifecycle: Stages of Product life cycle, factors affecting product life cycle.
November	Branding and Trademark: Difference between brand and trademark; Advantages and criticism of branding; types of branding; Brand Polices and Strategies. Pricing: - Meaning; Importance, Factors affecting pricing, pricing objectives, Types of price policy and pricing strategies.
December	Advertising: Concept; Importance and criticism of advertising; Media of advertising; Evaluating advertising effectiveness; Sales Promotion: Importance, Methods, Functions and Publicity
January	
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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor - *Ms. Kalpana*

Paper with Code 19 BC 305
E-Commerce

Class **b.com-II** Sesssion

2022-23

Month	Name of Topic
July	
August	
September	Introduction to E-Commerce, E-Commerce Models- B2B, B2C, C2B, G2C. Applications of ECommerce: Service Industry, Retail Sector, Financial services, Travel & Tourism. Future of ECommerce. Online Shopping : Web Portals.
October	Introduction of Internet: Networking, Network Topologies, TCP/IP, IP Address, Domain Name, URL, E-Mail Protocol, HTTP, WWW, Search Engine, Internet and Intranet, Extranet. Mobile Commerce: Internet Services though Mobile, Mobile Banking, WAP & WML, Mobile Information Devices, POS.
November	Online Payment Mechanism, Electronic Payment System, Payment Gateways, Risk Management Options for E-Payment Systems. Cryptography, Authentication, Data Encryption, Decryption, Public Key, Private Key, Digital Signature, E-check Certification, Plastic Money-Debit, Credit card and other Smart Cards, Digital Certification. Unit-IV Threats in E-Commerce, Security of Client & Service provider. Security Issues over the Web. Firewalls, Cyber Law- IT ACT 2000. E-governance:.
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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor - Ms. Kalpana

Paper with Code 19 BC 306

Class b.com-II Session

2022-23

Compute Accounting System

Month	Name of Topic
July	
August	
September	Computerized Accounting: Accounting Information System; Manual Accounting and Computerized Accounting; Difference b/w Manual and computerized Accounting; Advantages and Disadvantages of CAS. Sourcing of Accounting Software; Considerations before Sourcing Accounting software. Accounting Packages: Ready to Use, Customized, Tailored ; Choosing Accounting Packages; Various Accounting Software in Trend; Entry level software; ERP software.
October	Introduction to Tally: Creation of Company, Creation of Groups and Accounts, Designing and Creating Vouchers- Sales, Purchases, Sales return, Purchase Return, Contra, Journal and Practical.
November	Data Entry though Vouchers: Processing for Reports to prepare ledger Accounts, Trail Balance, Balance sheet and Practical with the help of workbook.
December	
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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor - Ms. Kalpana

Paper with Code 19 BC 403
Marketing Management

Class b.com-II Sesssion

2022-23

Month	Name of Topic
July	
August	
September	
October	
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February	
March	<p>Introduction: - Nature, Scope, Importance of marketing; Marketing concepts- Traditional and Modern 7P's of Marketing; Market Segmentation: - Concept, Importance and basis of market segmentation; EMarketing.</p> <p style="text-align: center;">Unit- 11</p> <p>Consumer Behavior: Nature, Scope, Importance, Factors affecting buyer behavior; Product Planning and Development: Importance and scope of Product Planning in marketing</p>
April	<p>Stages of New product development; Product Lifecycle: Stages of Product life cycle, factors affecting product life cycle.</p> <p style="text-align: center;">Unit- 111</p> <p>Branding and Trademark: Difference between brand and trademark; Advantages and criticismofbranding; types of branding; Brand Polices and Strategies.Pricing: - Meaning; Importance, Factors affecting pricing, pricing objectives, Types of price policyand pricing strategies.</p>
May	<p>Advertising: Concept; Importance and criticism of advertising; Media of advertising; Evaluating advertising effectiveness; Sales Promotion: Importance, Methods, Functions and Publicity.</p>
June	 PRINCIPAL, Vaish College, BHIWANI

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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor - Ms. Kalpana

Paper with Code 19 BC 404

Class b.com-II

Session

2022-23

Business Statistics

Month	Name of Topic
July	
August	
September	
October	
November	
December	
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February	
March	<p>Introduction of Statistics: Origin, Development, Definition, Scope, Uses and Limitations. Statistical Data: Types of Measurement scales- normal, Ordinal, Interval and Ratio level measurement;</p> <p>Collection, Classification and Tabulation of Primary and Secondary data.</p> <p>Presentation of data: Diagrammatic and Graphical presentation of Data-Bar, Squares, rectangular and Circular diagrams; Histogram, frequency polygon, Ogives, Stem and Leaf displays box plots</p>
April	<p>Central Tendency and Partition values; Concept and Measures of Central tendency, Quartiles, Deciles, Percentiles.</p> <p>Dispersion: Concept and Its absolute as well as relative measures.</p> <p>Index Numbers: Meaning, Types and Uses; Methods of Constructing price and Quantity indices(Simple and Aggregate); Tests of adequacy; Chain-base Index numbers, Base shifting, Splicing and Deflating; Problems in constructing index numbers; Consumer price index. Analysis of Bivariate data: Correlation-concept, scatter diagram, Karl Pearson's co-efficient of Correlation and its properties, Spearman's rank Correlation, Concurrent deviation method.</p> <p>Regression: Meaning and Definition, Difference between Correlation and Regression, Principle of least squares and fitting of a line of best fit to the given data, Regression lines, Properties of regression Coefficient and Regression lines, standard error of estimate, Co-efficient of determination.</p>
May	<p>Analysis of Time Series: Causes of Variations in time series data; Components of a time series. Decomposition: Additive and Multiplicative models; determination of trend. Moving averages method and method of least squares (Including linear second degree, Parabolic and Exponential trend); Computation of seasonal indices by simple averages, Ratio to Trend, Ratio to moving average and link relative methods.</p> <p>Theory of Probability: Probability as a Concept; Approaches to defining probability</p> <p>Addition and Multiplication laws of probability; Conditional probability, Baye's Theorem</p> <p>Probability Distribution: Probability distribution as a concept; Binomial, 'Poiss an Normal Distribution: their Properties and Parameters.</p>
June	



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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor - Ms. Kalpana

Paper with Code 19 BC 405

Class b.com-II

Sesssion

2022-23

Banking and Banking Law

Month	Name of Topic
July	
August	
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November	
December	
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February	
March	<p>Definition of Bank, Commercial Banks-importance, functions and problems of Non-Performing Assets, structure of Commercial Banking system in India. Credit Creation: Process of Credit Creation and its Limitations, E-Banking. Regional Rural Banks, Cooperative Banking in India. Reserve bank of India: Functions, regulation and control of credit, monetary policy.</p>
April	<p>Determination and Regulation of Interest Rates in India. Relationship between banker and Customer, Definition of Customer, General Relationship between banker and customer, obligation of banker, Garnishee order, banker's rights. Special types of Bankers Customers Minor, Married Women, Illiterate persons, Lunatics, Trustees, Executors and Administrators, Customer's attorney, Joint Account, Joint Hindu family, partnership Firm, Joint stock companies, Clubs, Societies and Charitable Institutions.</p>
May	<p>Negotiable Instruments: Definition of Negotiable instruments, Essential features of Negotiable instruments, holder and Holder inDue course. Rights and Liabilities of parties for Negotiable instruments: Capacity of parties: Minor's position, legal representative, Liability of parties, Drawer of Bill or Cheque, Liability of Maker of note & Acceptor of Bill, Liability of endorsed Negotiable Instruments without Consideration, Instrument obtained by Unlawful means. Endorsements: Meaning of Negotiation, Definition of Endorsement, Legal provisions regarding Endorsement, General rules regarding forms of endorsement, regular forms of Endorsement, Kinds of Endorsement</p>
June	

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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor Dr. Abhinav Vashishtha

Paper with Code Sales Force Mgt_19BCVA-605(A) Class B Com 3rd Session 2022-23

Month	Name of Topic
July	
August	
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March	Development and Role of Selling in Marketing: Background, Types of Selling, The Marketing Concept, Relationship Between Sales and Marketing .
April	Sales Strategies: Sales and Marketing Planning, The Planning Process, Establishing Marketing Plans, The Place of Selling in the Marketing Plan . Consumer and Organizational Buyer Behaviour: Difference between consumer and organizational buying.
May	Consumer Buyer Behaviour, .Factors Affecting Consumer Decision Making Process, Factors Affecting Organisational Buyer Behaviour. Sales Techniques: Personal Selling, Relationship Selling, Direct Marketing, . Internet and IT Applications in Sales Force Management .
June	


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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor Dr. Abhinav Vashishtha

Paper with Code:- Cost Acc.(19 BC -602) Class:-B Com 3rd Session_2022-23

Month	Name of Topic
July	
August	
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March	Process Costing : Meaning Uses , Preparation of process account ,Treatment of Normal Wastage, Abnormal wastage , abnormal Effectiveness ;treatment of opening and closing stock(excluding work in progress):Joint product and By product :Main methods of apportionment of joint cost , Inter process profit .
April	Contract Costing :Meaning and main Features ,Preparation of contract account , Escalation clause ,Contract near completion Cost plus contract Job and batch costing, Budgetary control: Meaning of Budget and Budgetary Control, Budgetary Control as a Management Tool; Limitations of Budgetary Control, Forecasts and Budgets
May	Installation of Budgetary Control System, Classification of Budgets; Fixed and Flexible Budgeting, Performance Budgeting, Zero Based Budgeting, Marginal Costing, Absorption Costing, Marginal Cost.
June	


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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor Dr. Abhinay Vashishtha

Paper with Code Consumer Behavior_19BCVA-506(A) _Class B Com 3rd _Session 2022-23

Month	Name of Topic
July	
August	
September	Consumer Behavior- meaning, nature, scope and importance of consumer Behavior; model of consumer behavior; consumer need and motives; psychographic segmentation; usage segmentation Different types of purchase situations; retailing and the purchase process; consumption experiences; importance of customer satisfaction; factors affecting satisfaction level; motivating consumer
October	Demographics and consumer Behavior; economic resources and consumer Behavior; personality and consumer Behavior; personal values; lifestyle motivational conflict and need priorities; motivational intensity; Consumer knowledge - meaning, types and Importance; sources of consumer knowledge; benefits of understanding consumer knowledge; consumer beliefs; consumer feelings; consumer attitudes; consumer intentions; culture and its effect on consumer Behavior; changing values and its effect on consumer Behavior;
November	Social class and consumer Behavior; importance of families and households on consumer Behavior; role Behavior and decision process; family life cycles; changing roles of women; children and household consumer Behavior Group and personal influences on individuals; reference group and its influence on individuals; word of mouth and opinion leaders in advertising and marketing strategy; gaining consumer's attention; shaping consumer's opinion; opinions change; product's and advertising's role in shapmg consumer opinion.
December	
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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor - *Dr. Abhinav Varshistha*

Paper with Code **19 BC 302** Class **b.com-II** Session **2022-23**
Business Regulatory Framework

Month	Name of Topic
July	
August	
September	Indian Contract Act- Valid contract and its elements; Proposal, Acceptance and Revocation; Contractual capacity of parties; Free consent of parties Lawful consideration and object; Performance and Discharge of contracts; Contingent contracts Quasi Contracts and consequences of breach of contract
October	Contract of Bailment; Bailment and Pledge, Contract of Indemnity and Guarantee Contract of Agency: Principal-Agent Relationship Consumer Protection Act: Rights of consumers, Consumer Protection councils, Consumer Disputes Redressal machinery Sales of Goods Act- Introduction, Transfer of Property or Ownership, Conditions and Warranties; Performance of Contract: Delivery and Payment, Rights of Unpaid Seller, Suits for Breach of Contract.
November	RTI Act: Salient features, Rights and Importance; RTI Act: Procedure E-Governance: Definition, Objectives, Participatory system, Components, E-Governance Services Basic Understanding of the New Labour Rules in India and Haryana Right to Service Act
December	
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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor Dr. Abhinav Varshishtha

Paper with Code Business Management (19BC -102) Class B.Com (1st Sem) Session 2022-23

Month	Name of Topic
July	
August	
September	Business- Concept, Nature and Spectrum of Business Activities. Basic Considerations in Setting up a Business Enterprise. Management: Introduction, Process, Development of Management Thoughts, Contribution of Taylor and Henry Fayol in Management
October	Planning: Objectives, Strategies and Planning process. Organizing: concept, Organizational Structure and Process. Staffing: concept and Scope. Recruitment and Selection, Directing: Leadership concept and Style, Theories: - Trait theory, Style & Behavior theory, Contingency theory.
November	Motivation: - Concept, Theories: - ERG theory, Reinforcement theory, Expectancy theory. Decision Making, Controlling: Concept, Process and Techniques. Management by Objectives, Management of Change: Resistance to Change and Strategies to manage change.
December	
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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor - *Dr. Abhinav Vashistha*

Paper with Code **19 BC 402**
Corporate Law

Class **b.com-II** Session

2022-23

Month	Name of Topic
July	
August	
September	
October	
November	
December	
Januaary	
February	
March	Company: Meaning, Characteristics; Advantage and Disadvantage of Incorporation; Lifting of Corporate Veil; Private Company: Meaning, Characteristics, Advantages & Disadvantages of Private Company; Privileges of Private Company & Conversion of Pvt. Co. into Public Company & ViceVersa; Types of Companies.
April	Promotion and Incorporation of Companies ; Memorandum of Association; Articles' of Association; Share Capital, Members & Shareholders; Borrowing Powers. Directors: Appointment & Powers; Legal Position of Directors; Shares and Stock; Share Certificate; Share Warrant.
May	Company Meetings: Meanings, Importance & Types; Quorum & Voting Powers; Resolution & Minutes; Case Studies Regarding Company Meetings.
June	

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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor - *Dr. Abhinav Vasishtha*

Paper with Code 19 BC 406
Business Ethics

Class *b.com-II* Sesssion

2022-23


Month	Name of Topic
July	
August	
September	
October	
November	
December	
Januaary	
February	
March	Business Ethics: meaning, nature and importance in business organizations, Linkages of the Stakeholders relationships, social responsibility and corporate Governance. Emerging business ethics: Issues and institutionalization of business ethics. Ethical decision-making and ethical leadership, Individual values and philosophies
April	, Organizational factors: corporate values and cultures, ethical culture and relationships. Implementing Business Ethics: Developing an effective ethical program, Implementing and auditing ethical program. Business ethics in global economy.
May	Business Sustainability: Ethical and social responsibility dimensions. Understanding techniques of moral reasoning and argumentations.
June	 PRINCIPAL Vaish BHIWANI

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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor Dr Abhinay Vashishtha
 Paper with Code Agricultural & Rural marketing 19BCVA 403 Class_B Com 2nd ASM_Session_2022-23

Month	Name of Topic
July	
August	
September	
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November	
December	
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February	
March	Agriculture Marketing- Definition , scope , concept and objective; Difference in Agricultural and consumer marketing ; constraints in agricultural marketing ; Role of agriculture in economic development of India ; Role of government in agricultural development
April	Rural marketing : meaning , nature , characteristics; significance , scope and limitations of rural markets in India ; difference in rural and urban markets ; opportunities and challenges to rural markets in India ; socio - cultural , economic , demographic , technological and other environmental factor affecting rural marketing ; rural consumer behaviour ; difference in rural and urban market
May	Rural marketing mix ; strategies for rural marketing . Product planning , pricing , pricing , promotion and management of distribution channels for marketing of durables in rural areas ; Planning and organizing personnel selling in rural markets. Innovation in rural market; E-Commerce in rural markets , e-chaupal ,Godrej Adhar , HUL Shakti & other similar initiatives in rural market.
June	


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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor Dr. Anshu Vashishtha

Paper with Code Cost Accounting (19BC -502) Class B.Com (5th Sem) Session 2022-23

Month	Name of Topic
July	
August	
September	Cost Accounting: Meaning, Features, Scope, Techniques, Methods, Objectives, Importance and Limitations. Costing; Cost Accountancy; Cost Centres and Profit Centres. Cost: Main Elements and Types, Material Control: Meaning and Objectives of Material Control, Material Purchase Procedure
October	Fixation of Inventory Levels- Reorder Level, Minimum Level, Maximum Level, Danger Level, EOQ analysis, Methods of Valuing Material Issues. Wastage of material- main types, Labour Cost Control: Importance, methods of time keeping and Time Booking; Treatment and control of Labour Turnover, Idle Time, Overtime
November	Systems of Wage Payment-Time Wage System, Piece Wage System. Incentive Wage plans- Individual plans and group plans, Overheads: Basics of Overhead. Types of Overhead, Collection and Classification, Allocation and Apportionment, Absorption of Overheads (Machine Hour Rate Only).
December	
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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor Dr. Pawan Kumar Gupta

Paper with Code: Financial Accounting(19BC-101 & 102)

Class: B.com 1st Sem. & 2nd Sem (Session 2022-23)

Month	Name of Topic
July	
August	
September	Introduction: Meaning, Objectives, Process, Limitation and basic terms of Accounting and Revision
October	Qualitative characteristics of Accounting information, GAAP, Capital and Revenue items:, Reserves and Provisions, meaning and their difference. All types Provisions, Depreciation theory and practical.
November	Rectifications of Errors and Final accounts with adjustments, Consignment accounts (theory and practical), Accounting of NPO's. and Revisions, Assignment
December	
January	
February	
March	Dissolution of Partnership Firm
April	Dissolution of Partnership Firm, Amalgamation and sale of Partnership Firms, Hire Purchase System and Installment Payment Systems. Test
May	Joint Ventures, Royalty Account, Insolvency Accounts for non corporate entities, Branch Account and revision, Assignment
June	

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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor - *Drs. Pawan Kumar Gupta*

Paper with Code **19 BC 401**

Class **b.com-II** Session

2022-23

Corporate A/cing

Month	Name of Topic
July	
August	
September	
October	
November	
December	
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February	
March	Provisions of Accounting Standard: 14 (ICAI): Internal Reconstruction; External Reconstruction in the nature of merger and purchase. (Simple problems only)
April	Provisions of Accounting Standard: 21 (ICAI): Accounts of Holding Companies, Consolidated Balance Sheet (Simple problems only).
May	Final Accounts of Banking Companies. Liquidation of a company; Financial reporting for financial institutions. Understanding of International Financial Reporting Standards (IFRS).
June	

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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor - *Dr. Pawan Kumar Gupta*

Paper with Code **19 BC 407** Class **b.com-II** Session **2022-23**

Statistical Analysis through Software

Month	Name of Topic
July	
August	
September	
October	
November	
December	
Januaary	
February	
March	SPSS; Introduction, Advantages and disadvantages, Data Entry, Data editor, view, variable view, Pivot table editor, Text Output editor, Chart editor. Savings of Data; Variables, Types of Variables, Rules for Variables, Data analysis; Procedure, Variables selection for analysis, Runthe Procedure
April	Procedures of Analysis: Descriptive Statistics, Custom Tables, General Linear Model (GLM), Correlation, Regression, Loonier, Classify, Data reduction, Scale, Time Series; Auto correlation, Cross Correlation,
May	Procedures of Analysis: Spectral, Survival, Bar, Line, Area, Pie, Boxplot, Pareto, Control, Normal PP Plots, Normal QQ Plots, Sequences, Reports
June	

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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor Dr. Pawan Kumar Gupta

Paper with Code: Income Taxation Law , Tax Procedure and Practices (19BC-501 & 601)

Class: B.com 5th Sem. & 6th Sem (Session 2022-23)

Month	Name of Topic
July	
August	
September	Introduction of Income Tax, Agriculture Income, Residual Status and Tax Liability, Exempted Incomes, Test, Income from Salary (including retirement benefits), , Group Discussion
October	Profits and Gains from Business or Profession, Capital Gains, Income from other Sources, Test
November	Set off and Carry forward of losses, Deductions to be made in computing total income, Income from House Property, Depreciation, Revision, Assignment
December	
January	
February	
March	Rebate & Relief of Tax, Computation of Total Income, Tax liability of Total Income, Assessment of HUF, Firms, AOP, Test
April	Filing and filing of ITR-I and II, Power of ITA, Procedure for assessment, TDS/ Advance payment of tax, Test, Group discussion
May	Recovery & refund of tax, appeals & revision, Penalties, Offences & prosecutions, Test, Assignment
June	

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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor Dr. Pawan Kumar Gupta

Paper with Code: Management Accounting, Financial Mangement (19BC-503 & 603)

Class: B.com 5th Sem. & 6th Sem (Session 2022-23)

Month	Name of Topic
July	
August	
September	Management Accounting(Meaning and Scope), functions. Management Accountant, Difference between Management accounting, Cost accounting, financial Accounting, Limitation, and Essential qualities and responsibilities.
October	Contemporary Issues in Management accounting(Value chain analysis, activity based accounting), CVP analysis, Test and GD,
November	Standard costing and transfer pricing Responsibility accounting, Total quality management in detail. Revision and Assignment, Test
December	
January	
February	
March	Nature and Scope of Finance. Finance functions, Role of financial Manager, Objectives of financial Management, Profit maximization vs Wealth maximization,
April	Working capital Management its various contents, Test, Group discussion., Cost of Capital, CAPM approach, Capital Structure theory and policy, Test and GD
May	(Net income approach, NOI and MM Hypothesis without taxes), Capital Budgeting, Dividend theory and Policy: Walter's and Gordon's models, form of dividend, Revision, Assignment, Revision
June	

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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor - *Dr. Pawan Kumar Gupta*

Paper with Code **19 BC 301**

Corporate Accounting

Class **b.com-II** Sesssion

2022-2023

Month	Name of Topic
July	
August	
September	Understanding of Accounting Standards (ICAI), Share Capital: Meaning, Types, Accounting Treatment of Issue, Forfeiture and Reissue of Shares; Buy back of equity shares & Sweat shares; Redemption of preference share; Issue of Bonus Share.
October	Debenture: Meaning, Types, Issue and Redemption of Debentures Valuation of Goodwill: Meaning, objectives, determinates and main methods. Valuation of Shares:
November	Meaning, objectives, determinates and main methods. Profit or Loss before and after incorporation. Final accounts of companies.
December	
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LESSON PLAN PERFORMA

Name of Assistant Professor/ Associate Professor Ms. Poonam

Paper Retail Management(19BC506B) Class B.com 5th semester Session 2022-2023

Month	Name of Topic
September	Unit-1 Concept & Characteristics of Retail Development, Theories of Retail Development, Evolution of Retailing, Functions of Retail management, Technology induction in retailing , Retail mix, E-Retailing.
October	Unit-2 Types of Retailing, Wheel of Retailing, Traditional retail formats v/s modern retail formats, Store and non-store based formats, cash and carry business, retailing models, Franchiser-Franchisee.
November	Unit-3 Management of Retail operations, Wheels of retailing and retailing life cycles, retailing management, The total performance model, strategic retail management process.
December	Unit- 4 Retail planning, Developing retailing strategies, retail pricing strategies, retail locations, planned and unplanned, location strategies.
January	Revision
February	Exam

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LESSON PLAN PERFORMA

Name of Assistant Professor/ Associate Professor Ms. Poonam

Paper Cost Accounting I & II(19BC-602)Class B.com 5th, 6th semester Session 2022-2023

Month	Name of Topic
September	Unit-1 Cost accounting: Meaning, features, scope and techniques, Methods, objectives, importance and limitations. Costing, cost accountancy, cost centres and profit centres, main elements & types.
October	Unit-2 Material control: Meaning and objectives of material control, material purchase procedure, re-order level, minimum level, maximum level, danger level, EOQ analysis, wastage of material.
November	Unit-3 Labour cost control: Importance, methods of time keeping and time booking, systems of wage payment, time wage payment, piece wage system.
December	Unit- 4 Overhead: Basics of overhead, tytypes of overhead, collection and classification, allocation and apportaionment, absorption of overheads.
January	Revision
February	Exam
March	Unit-1Process costing: Meaning, uses,, normal wastage, abnormal wastage, treatment of opening and closing, joint product, by product, inter process profits.
April	Unit-2 Contract costing- Meaning, main features, contract near completion, cost plus contract, job and batch costing.
May	Unit-3 Budgetary control: Meaning of budgets and budgetary control, limitations. Performance Budgeting, Zero based budgeting Unit-4 Marginal costing, Absorption costing, Marginal cost. Revision
June	Exam


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LESSON PLAN PERFORMA

Name of Assistant Professor/ Associate Professor Mr. Saurabh

Paper Income Tax Law I&II(19BC-601)Class B.com 5th-6th semester Session 2022-2023

Month	Name of Topic
September	Unit-1 An overview, main definitions, agriculture income, residential status, Exempted income.
October	Unit-2 Income from salaries, calculation of taxable income from salary including retirement, Income from house property.
November	Unit-3 Profits and gain from business and profession, tax treatment of depreciation, capital gain.
December	Unit- 4 Income from other sources, clubbing of income and aggregation of income, set off and carry forward of losses, deduction in total income.
January	Revision
February	Exam
March	Unit-1 Rebate & relief of tax, computation of total income
April	Unit- 2 Assessment of Hindu undivided family, assessment of firms & association of persons. Unit-3 Income tax authorities and powers, deduction of tax at source, advance payment of tax.
May	Unit,4 Recovery of refund of tax, appeals & revision Revision
June	Exam


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LESSON PLAN PERFORMA

Name of Assistant Professor/ Associate Professor Dr. Satbir

Paper Financial Management(19BC-603) Class B.com 6th semester Session 2022-2023

Month	Name of Topic
March	Unit-1 Financial Management: Nature, scope, objectives of financial management. Interface between finance and other functions, sources of finance, financial planning, time value of money
April	Unit-2 Concepts of cost of capital, computation of cost and weighted average, CAPM Approach, agency costs. capital structure theories- NI, NOI, Traditional and MM Approach. Unit-3 Capital Budgeting, Nature and process
May	Dividend decisions, dividend decision models. Unit- 4 Working capital management- concept, significance Revision
June	Exam

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LESSON PLAN PERFORMA


Name of Assistant Professor/ Associate Professor Ms. Shivani

Paper GST(19BC-604)

Class B.com 6th semester

Session 2022-2023

Month	Name of Topic
March	Unit-1 Introduction, salient features of GST, GST rates rationale for GST, structure of GST(SGST, CGST, UTGST & IGST)
April	Unit-2 GST Registration: Compulsory registration, principles and provision of GST, Special provision, taxability of E-commerce, offences and penalties.
May	Unit-3 Levy and collection of GST, place of supply, rules of valuation, taxability of reimbursement. Unit- 4 Simple illustrations on calculation. Revision
June	Exam


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LESSON PLAN PERFORMA

Name of Assistant Professor/ Associate Professor Ms. Shivani

Paper Financial Market Operation(19BC-604) Class B.com 6th semester Session 2022-2023

Month	Name of Topic
March	Unit-1 Money market, Indian money market, features, functions, instruments of money market, recent trends in Indian money market.
April	Unit-2 SEBI- Fundamentals, powers, objectives of SEBI, scope and functions of SEBI. Investors protection-stock exchange grievances, dealings and removal.
May	Unit-3 Functions on stock exchanges: Brokers, sub-brokers, market makers and jobbers, portfolio, institutional investors, Financial services and merchant banking, functions of SEBI. Unit- 4 Role of Development Financial Institution in India, Policy measures, products and services offered by Different institutions. Revision
June	Exam


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LESSON PLAN PERFORMA

of Assistant Professor/ Associate Professor Mr. Saurabh

Entrepreneurship and SSB (19BC-606A) Class B.com 6th semester Session 2022-2023

	Name of Topic
1	Unit-1 Entrepreneurship: Meaning, emergence of entrepreneurship, knowledge and skill requirement, role of entrepreneurship, entrepreneurship process, intrapreneur and professional manager.
	Unit-2 Generating Business idea, sources of new ideas, environmental scanning, feasibility study. Unit-3 preparation of business plan, presenting business plan, preparing project report, entrepreneurial plans and network of indian institutions.
	Unit- 4 Entrepreneurial Mobility and Functional plans, factors influencing mobility, occupational mobility, functional plans, marketing plan. Revision
	Exam



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LESSON PLAN PERFORMA

Name of Assistant Professor/ Associate Professor Ms. TANU

Paper Management Accounting(19BC-503) Class B.com 5th semester Session 2022-2023

Month	Name of Topic
September	Unit-1 Management accounting- nature and scope, significance , limitations, management accountant: position and role,
October	Unit-2 Contemporary issues in management accounting, value chain analysis, activity based accounting, balanced scorecard. CVP analysis.
November	Unit-3 Standard costing, Transfer pricing.
December	Unit- 4 Responsibility accounting- meaning and advantages, Total Quality Management- meaning , advantages, primary element of TQM.
January	Revision
February	Exam


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LESSON PLAN PERFORMA

Name of Assistant Professor/ Associate Professor Ms. Shivani

Paper Auditing(19BC504)Class B.com 5th semester

Session 2022-2023

Month	Name of Topic
September	Unit-1 Auditing concepts, objectives, importance and types of auditing. Audit process: Process, internal control, internal audit and audit programme.
October	Unit-2 Audit procedure, routine checking, vouching, verification and valuation of asset and liability.
November	Unit-3 Audit of public company, powers and duties of auditors, audit of depreciation reserves, dividends.
December	Unit- 4 Audit report and investigation.
January	Revision
February	Exam


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LESSON PLAN PERFORMA

Name of Assistant Professor/ Associate Professor Ms. Rinku

Paper ASM(19BC-505A)

Class B.com 5th semester

Session 2022-2023

Month	Name of Topic
September	Unit-1 Introduction to advertising, market communication strategy, developing market plan, types and role of advertising agencies.
October	Unit-2 Sales management participants in IMC process, changing role of sales management. Theories of sales management.
November	Unit-3 Territory management, Time management, sales quotes, management and sales quotas, management sales force.
December	Unit- 4 Control process and distribution channels, analysis of sales, performance evaluation, ethical issues, web marketing.
January	Revision
February	Exam


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LESSON PLAN PERFORMA

Name of Assistant/ Associate Professor- Ms. Tanu

Paper with Code –Open Elective I(Swacch Bharat)

Class- B.Com.Session: 2022-23

Month	Name of Topic
SEMESTER V	
September	Unit –I Explain Swacchhata, Ways of awareness for Swachhaw, Personal Hygeine
October	Unit-II Health and Health Education Balance diet and Sanitation practices
November	Unit-III Solid waste management, Segregation, Disposal Non-Biodegradable and Biodegrndable waste
December	Unit-IV ways of campaigning Role of Gram panchayat in Swachhta
January	Revision and test
February	Exams


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LESSON PLAN PERFORMA


Name of Assistant/ Associate Professor- Dr. Satbir

Paper with Code --Open Elective II(Yoga, Health & Nutrition)

Class- B.com.

Session: 2022-23

Month	Name of Topic
SEMESTER VI	
September	Unit –I Meaning definition dimension and determinants of health, Role of Physical activities in maintaining health Health problem in India, effect of alcohol, tobacco on health, Preventive strategies for obesity, hypertension, coronary heart disease, diabetes in relation to physical activities and lifelong wellness
October	Unit-II Meaning & definition of food & nutrition Basic nutrition guideline and role of nutrition in daily life Concept of balanced diet caloric values of food, Role of diet in weight management
November	Unit-III Introduction of Yoga: Meaning & definition Astanga Yoga, Yama, Niyama, Aasana, Pranayama, Prathyahara, Dharama, Dhyana, and Samadhi; Yogic Practice: Place, Time, Clothes, Bathing, Diet before and after Yoga, Surya Namaskar: methods and Benefits
December	Unit-IV Meaning of Asana, its types and principles, Meaning of Pranayama, its types and principles Meaning of Kriyas, its types and principles, Meaning of Bandhas, its types and principles
January	Revision and test
February	Exams


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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor Dr. Satbir Singh

Paper with code: Financial Accounting 19BC101 Class B.com Isem Session 2022-2023

Month	Name of Topic
SEMESTER-1	
September	Unit- 1 Introduction: Meaning, objectives, process, limitations and basic terms of accounting, users of Accounting information, Qualitative characteristics of Accounting information; Generally Accepted Accounting Principles (GAAP) Financial Accounting Standards; Concepts, Benefits, Procedures for issuing accounting standards in India, International Financial Reporting Standards (IFRS): - Need and Procedures, Convergence to IFRS
October	Capital and Revenue items; Reserves and Provisions: Meaning, Difference between Reserves and Provisions, Categories of Provisions- Provision for Bad Debts, Provision for Depreciation, Provision for Tax, Categories of Reserves- Capital Reserve and Revenue Reserve. Depreciation - Meaning, Causes, Accounting procedure, Methods of computing depreciation: - Straight line method, Diminishing balance method and change of method (Practical Problems)
November	Rectifications of Errors: Meaning and Types of Errors, Errors not Affecting the Trial Balance, Errors Affecting the Trial Balance, Suspense Account, Rectification of Errors in the Next Accounting Year. (Practical Problems). Final Accounts with Adjustments: Meaning, Objectives, Manufacturing Account, Trading Account, Profit and Loss Account, Balance Sheet, Various Adjustment Entries in Final Accounts (Practical Problems)
December	Accounting for Non-Profit Organizations: Meaning, Characteristics, Final Accounts- Receipts and Payment Account, Income and Expenditure Account and Balance Sheet (Practical Problems)
January	Consignment Accounts: Meaning, Accounting Treatment in the Books of Consignor and Consignee (Practical Problems)
February	Revision and Examination
SEMESTER-2	
March	Dissolution of Partnership firm-Insolvency of Partners (including Garner v/s Murrey Rule), Amalgamation and Sale of Partnership firms, Gradual Realization and Piecemeal Distribution Insolvency Accounts for Non Corporate Entities: Defining Insolvency, Statement of Affairs as on date of order, Difference between Balance Sheet Statement of Affairs and Accounting Treatment
April	Hire Purchase System and Installment Payment Systems: Accounting for Hire Purchase Transactions, Journal entries and ledger accounts in the books of Hire Vendors and Hire purchaser for large value items including default and repossession, stock and debtors system. Joint Ventures: Joint Venture: Accounting procedures: Joint Bank Account, Records Maintained by Co- venture of (a) all transactions (b) only his own transactions, Memorandum joint venture account

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May	Royalty Account: Meaning, Types of Royalties, Basis of Royalty, Accounting Entries. Branch Account: Meaning, Methods- Debtor System, Income Statement System, Stock and Debtor, Final Account System, Pros and Cons of Branch Accounting, Accounting Treatment.
June	Revision and Examinations

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LESSON PLAN PERFORMA

Name of Assistant/ Associate Professor... Ms. Poonam.....

Paper with Code: Business management 19BC102

Class B.com 1year

Session: 2022-2023

Month	Name of Topic
SEMESTER-1	
September	Business- Concept, Nature and Spectrum of Business Activities. Basic Considerations in Setting up a Business Enterprise. Management: Introduction, Process, Development of Management Thoughts, Contribution of Taylor and Henry Fayol in Management
October	Planning: Objectives, Strategies and Planning process. Organizing: concept, Organizational Structure and Process.
November	Directing: Leadership concept and Style, Theories: - Trait theory, Style & Behavior theory, Contingency theory. Motivation: - Concept, Theories: - ERG theory, Reinforcement theory, Expectancy theory. Decision Making
December	Controlling: Concept, Process and Techniques. Management by Objectives, Management of Change: Resistance to Change and Strategies to manage change.
January	Staffing: concept and Scope. Recruitment and Selection.
February	Revision and examination

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LESSON PLAN PERFORMA

Name of Assistant/ Associate Professor Ms. Shivani

Paper with Code: Business Economics 19BC103

Class B.com 1year

Session: 2022-2023

Month	Name of Topic
SEMESTER-I	
September	Introduction: Basic problem of an economy: working of price mechanism, Law of Demand, Elasticity of demand; measurement, importance, determinants of elasticity of demand, Average revenue; marginal revenue and elasticity of demand and elasticity of supply
October	Production Function: Law of variable proportions; Isoquants; Economic regions and optimum factor combination; expansion path; returns to scale; Internal and external economies and diseconomies; Ridge lines; Theory of costs: concepts of cost; Short run and Long run cost curves- Traditional and Modern approaches.
November	Ordinal Utility theory: (Indifference curve approach): Consumer's preferences; Indifference curves; Budget line; Consumer's equilibrium; Income and substitution effect; Price consumption curve and the derivation of demand curve for a commodity; Criticisms of the law of demand.
December	Cardinal Utility Analysis: Defining Utility-Total Utility, Marginal Utility, Law of Diminishing Marginal Utility and Law of Equi-marginal Utility, Consumer Equilibrium.
January	Market, classification and structure: Price and Output Determination under Perfect Competition, Monopoly. Price and Output Determination under Monopolistic Competition and Oligopoly
February	Revision and examination

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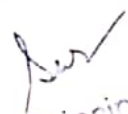
Name of Assistant/ Associate Professor- Mr. Saurabh

Paper with Code: English(19BC104)

Class B.com 1year

Session: 2022-2023

Month	Name of Topic
SEMESTER-1	
September	A. Prose writings: i. "The Homecoming" by Rabindranath Tagore ii. "Playing the English Gentleman" by M.K. Gandhi iii. "Prospects of Democracy in India" by Dr. B.R. Ambedkar A. Poems: i. "The Village Schoolmaster" by Oliver Goldsmith ii. "If" by Rudyard Kipling iii. "My Grandmother's House" by Kamala Das
October	Parts of speech: Nouns, Pronouns, Adjectives, Articles, Verbs, Adverbs, Prepositions, Conjunction, Interjection, Identifying parts of speech, Structures: Verb patterns, Question tags; Subject – Verb agreement (concord)
November	Basic grammatical concepts and common errors: Tenses, Modals, Passive Voice, Prepositions, Punctuation, Relative Clause, Reported speech, Speech acts, Tags
December	Listening: Barriers to Listening, Academic Listening, Listening to Talks and Descriptions, Listening to Announcements, Listening to News on the Radio and Television Listening
January	Conversational English: Casual Conversations, Understanding Communication, Greeting and Introducing, Making Requests, Asking for and Giving Permission, Offering Help, Giving Instructions and Directions, Art of Small Talk, Participating in Conversations Speech and Oration: Making a Short Formal Speech, Describing People, Places, Events and Things.
February	Revision and examination


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LESSON PLAN PERFORMA

Name of Assistant/ Associate Professor:Ms.Shivani.....

Paper with Code: Fundamentals of Computer 19BC105

Class B.com 1year
2023

Session: 2022-

Month	Name of Topic
SEMESTER-1	
September	Introduction of Computers: Organisation, Characteristics, Types of Computers, types of Memories, Hardware and Software Concepts.
October	Operating System: Introduction of OS, Types of OS, Functions of OS, MS-DOS Internal Commands: chdir, cls, path, prompt, label, ver, bol, echo, set. External Commands: scandisk, discopy, diskcomp, format, backup, restore. Windows Windows Explorer, Print Manager, Control Panel, Paint Brush. Dialog box: Text box, Check box, slide boxes, Desktop.
November	MS-Office (Word and Excel): Introduction of Word Processing, MS-Word; Creating, Editing, Printing, Page Formatting, Sorting and Tables
December	Data Communication and Networks: Data Communication Concept, Medias, Modes, Multiplexers. Networking; Need, Types of Network, Distributed Networking, Client- Server Concepts, OSI Models.
January	Mail Merge. MS- Excel: Introduction to Spread Sheet, Creating, Editing, Printing, Formatting of Worksheets, Preparation of Graphs.
February	Revision and examination

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LESSON PLAN PERFORMA


Name of Assistant/ Associate Professor- Ms. Poonam

Paper with Code: Indian Economy and Business Environment(19BC202)

Class B.com 1year

Session: 2022-2023

Month	Name of Topic
	SEMESTER-2
March	Introduction to Business Environment: Meaning, Elements, Importance of Business Environment, Current Indian Business Environment Environmental Analysis: Objectives, Process, Environmental Limitations, SWOT / SWOC, ETOP Analysis with special reference to Indian Industry.
April	Dimensions of Business Environment: National Institution for Transforming India (NITI Aayog), Economic Environment. Balance of Trade & Balance of Payment: Definition, Difference between Balance of Trade & Balance of Payment, Uses, Components
May	Problems of Growth: Unemployment, Inflation, Industrial Sickness Regional Imbalances Industrial Policy: Meaning, Objectives, History, Industrial Policy for the Growth of Industries (latest) Economic Policies: Monetary Policy, Fiscal Policy, Liberalization, Privatisation & Globalisation International Economic Institutions: International Monetary Fund, World Trade Organisation, World Bank
June	Revision and exams


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LESSON PLAN PERFORMA

Name of Assistant/ Associate Professor...Ms. Akshu.....

Subject with Code: Business Mathematics19BC203

Class B.com 1year
2023

Session: 2022-

Month	Name of Topic
SEMESTER-2	
March	Matrices: Definition of a matrix. Types of matrices. Algebra of matrices. Applications of matrices operations for solution to simple business and economic problems. Determinants and inverse of a matrix: Calculation of values of determinants up to third order. Finding inverse of a matrix through determinant method. Solution of system of linear equation up to three variables.
April	Compound Interest: Certain different types of interest rate; Concept of present value and amount of a sum Annuities: Types of annuities; Present value and amount of an annuity, including the case of continuous compounding
May	Differentiation: Concept of differentiation. Rules of differentiation – simple standard forms. Applications of differentiation -elasticity of demand and supply. Maxima and Minima of functions (involving second or third order derivatives) relating to cost, revenue and profit. Permutations and Combinations: Definition, Formulas, Difference between Permutations and Combinations, Fundamental Principle of Counting, N and R in Permutations and Combinations (Simple Problems) Sequence and Series: Definition, Types- Arithmetic Progression, Geometric Progression, Formulas, Difference between Sequence and Series (Simple Problems).
June	Revision and exams

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LESSON PLAN PERFORMA

Name of Assistant/ Associate Professor: Ms. Tanu Sharma

Paper with Code: Prayojanmulak Hindi (19 BC 204)

Class B.com 1year

Session: 2022-2023

Month	Name of Topic
SEMESTER-2	
March	पत्र लेखन, प्रारूपण, टिप्पण प्रतिवेदन, पत्राचार: अर्थ एवं प्रकार, व्यावहारिक, व्यावसायिक एवं सरकारी पत्र लेखन, अनुवाद: परिभाषा, विशेषता एवं उपयोगिता मुहावरे एवं लोकोक्तियां: अर्थ, परिभाषा एवं विभिन्न मुहावरे तथा लोकोक्तियां शब्द शुद्धि, वाक्य शुद्धि और शब्द ज्ञान (तत्सम तद्भव, देशज तथा विदेशज)
April	पर्यायवाची एवं विलोम शब्द: अनेकार्थी, वाक्य या वाक्यांश के लिए एक शब्द अथवा अनेक शब्दों के लिए एक शब्द: देवनागरी लिपि: अर्थ, नामकरण, विशेषताएं, वैज्ञानिकता, मानकीकरण एवं सुधार के उपाय
May	कंप्यूटर में हिंदी प्रयोग: कंप्यूटर की संरचना, वर्तनी संशोधनय पारिभाषिक शब्दावलीय कार्यालयी हिंदी और अनुवाद: विशेषताएं, अनुवाद प्रक्रिया, समस्याएं एवं कठिनाइया
June	Revision and exams

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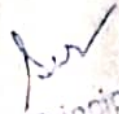
Name of Assistant/ Associate Professor.....Ms. Poonam.....

Paper with Code: Business Communication Skills 19BC205

Class B.com 1year

Session: 2022-2023

Month	Name of Topic
SEMESTER-2	
March	Business Communication Skills: Introduction: Basics of communication, Seven C's of effective communication, barriers to communication, ethical context of communication.
April	Business Communication at workplace: Letter writing- component, layout and process, Email communication, bad news messages, persuasive written communication, memos, notice, agenda and minutes of meeting.
May	Report Writing: Types of business reports, structure of reports, short reports, long reports, abstracts and summaries, proposals. Communication Skills: Reading skills, listening skills, note making, persuasive speaking, Body language, Gestures.
June	Revision and exams


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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor MR. VISHNUKANT

Paper with Code- PRINCIPLES OF MANAGEMENT 19BBA101

Class BBA 1st Sem. Session 2022-23

Month	Name of Topic
September	UNIT-I Introduction – nature and process of management, basic managerial roles and skills, nature of managerial work; approaches to management – classical, human relations and behavioural, systems and contingency approaches; contemporary issues and challenges.
October	UNIT-II Planning and decision making – concept, purpose and process of planning, kinds of plans, strategic planning, operational planning, goal setting, decision making – nature and process, behavioural aspects of decision making, forms of group decision making in organizations
November	UNIT-III Organizing and leading elements of organizing – division of work, departmentalization, distribution of authority, coordination; organization structure and design; leadership – nature and significance, leadership styles, behavioural and situational approaches to leadership.
December	UNIT-IV Management control – nature, purpose and process of controlling, kinds of control system, prerequisites of effective control system, resistance to control, controlling techniques, social audit.


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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor MR. SAURABH

Paper with Code- BUSINESS MATHEMATICS 19BBA102

Class BBA 1st Sem. Session 2022-23

Month	Name of Topic
September	UNIT-I Concept of present value and amount of a sum; Types of annuities; Present value and amount of an annuity; Continuous compounding; Valuation of simple loans and debentures.; Simple interest and compound interest
October	UNIT-II Planning and decision making – concept, purpose and process of planning, kinds of plans, strategic planning, operational planning, goal setting, decision making – nature and process, behavioural aspects of decision making, forms of group decision making in organizations
November	UNIT-III Organizing and leading elements of organizing – division of work, departmentalization, distribution of authority, coordination; organization structure and design; leadership – nature and significance, leadership styles, behavioural and situational approaches to leadership.
December	UNIT-IV Management control – nature, purpose and process of controlling, kinds of control system, prerequisites of effective control system, resistance to control, controlling techniques, social audit.


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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor MS. RINKU

Paper with Code- MICRO ECONOMICS 19BBA103

Class BBA 1st Sem. Session 2022-23

Month	Name of Topic
September	UNIT-I Nature and scope of micro economics, determinants of demand and law of demand, elasticity of demand & its types, law of supply, elasticity of supply; consumer's equilibrium- utility and indifference curve approaches.
October	UNIT-II Short run and long run production functions, laws of returns; law of variable proportion; classification of costs; short run and long run cost curves and their interrelationship; internal and external economies of scale, revenue curves; optimum size of the firm; factors affecting the optimum size.
November	UNIT-III Equilibrium of the firm and industry - perfect competition, monopoly, monopolistic competition, discriminating monopoly, aspects of non-price competition and oligopolistic behaviour.
December	UNIT-IV Factors of production, Marginal productivity theory and modern theory of distribution; Determination of rent; Alternative theories of interest and wages.

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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor MR. ANAND

Paper with Code- FINANCIAL ACCOUNTING 19BBA105

Class BBA 1st Sem. Session 2022-23

Month	Name of Topic
September	UNIT-I Meaning and scope of accounting, nature of financial accounting principles, basis of accounting; accounting process - Preparation of Journal, Preparation of Ledger including three columnar cash book, Preparation of Trial Balance and adjustment entries.
October	UNIT-II Depreciation accounting; preparation of final accounts (non-corporate entities) alongwith major adjustments.
November	UNIT-III Rectification of errors; accounts of non-profit organization, joint venture accounts.
December	UNIT-IV Hire purchase, lease and installment purchase system accounting; consignment accounts.


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Name of Assistant/Associate Professor Mr. Ritesh

Paper with Code- COMPUTER APP. IN MGT. 19BBA106

Class BBA 1st Sem. Session 2022-23

Month	Name of Topic
September	UNIT-I Computer organization: Introduction, components, classification, capabilities characteristics & limitations, Operating systems , Computer Languages& types; storage devices; application of computer in Business
October	UNIT-II Use of MS-Office: Basics of MS-Word, MS-Excel and MS-Power Point; Applications in documentation preparation and making reports; preparation of questionnaires, presentations, tables and graphs.
November	UNIT-III Internet: Internetworking, Concepts, Internet Protocol Addresses, WWW Pages & Browsing, Security, Internet Applications, Analog& Digital Signals, Bandwidth, Network Topology, Packet Transmission, Long Distance communication, Network Applications. E-mail.
December	UNIT-IV Introduction to database: Concept, characteristics, objectives, Advantage & limitations, entity, attribute, schema, subschema.


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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor MR. VISHNUKANT

Paper with Code –ORGANISATIONAL BEHAVIOUR 19BBA201

Class BBA 2nd Sem. Session 2022-23

Month	Name of Topic
February	UNIT-I Concept & scope of organizational behaviour, historical development of organizational behaviour, organization behaviour processes, Role of Managers in OB, Interpersonal Roles-Informational Roles-Decisional Roles, Challenges & Opportunities for OB.
March	UNIT-II Individual Processes, Personality, values, attitudes, perception, learning and motivation.
April	UNIT-III Team Processes: Interpersonal communication, group dynamics, teams and teamwork, decision-making, conflict and negotiation in workplace, power and politics.
May	UNIT-IV Organizational processes: Elements of organization structure, organizational structure and design, organizational culture, organizational change.


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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor MS. RINKU

Paper with Code- BUSINESS STATISTICS 19BBA202

Class BBA 2nd Sem. Session 2022-23

Month	Name of Topic
February	Unit 1 Introduction, definition, scope, functions, importance, limitations and distrust of statistics; types of statistical methods; data collection and analysis; types of data: primary and secondary data; characteristics of a graph: types of graph and their merits and demerits.
March	Unit 2 Measures of central tendency: meaning and definition; Types of averages, median, mode, arithmetic mean, geometric mean, harmonic mean, quadratic mean, moving average, progressive average; relation between mean, median and mode.
April	Unit 3 Measures of dispersion and skewness: absolute and relative measures of dispersion range, quartile deviation, mean and standard deviation; difference between skewness and dispersion, empirical relation among various measures of dispersion, moments and kurtosis.
May	Unit 4 Correlation- meaning, types, Carl Pearson coefficient of correlation, Spearman's rank correlation, regression analysis, time series analysis.


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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor MS. RINKU

Paper with Code MACRO ECONOMICS 19BBA203

Class BBA 2nd Sem. Session 2022-23

Month	Name of Topic
February	UNIT-I Nature and scope of macroeconomics, circular flow of income; national income – alternative concepts of income and their interrelationship, measurement of national income, stock and flow variables, aggregate demand, supply and macroeconomic equilibrium, features and phases of business cycle.
March	UNIT-II Macro analysis of consumer behaviour, income consumption relationship, absolute, relative and permanent income hypothesis; Concept of Investment & its types, Investment function.
April	UNIT-III Fiscal policy: Objectives, Instruments and its role in growth and price stability, Public debt: nature and management; business taxation – types, rationale and incidence.
May	UNIT-IV Money supply measures; credit creation process and money multiplier, instruments of monetary policy; promotional and regulatory role of central bank; Inflation – types, causes, effects and control measures.


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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor - Dr. Promila Dahiya Suhag

Paper with Code_ 19BBA204

BBA 1st

SEMESTER- 2nd

Month	Name of Topic
September	Business Communication: Nature and process, forms of communication, role of communication skills in business, communication networks, barriers to communication
October	Listening: Barriers to Listening, Academic Listening, Listening to Talks and Descriptions, Listening to Announcements, Listening to News on the Radio and Television Listening
November	Written Skills: Note making, note taking, Letter Writing in Email format, Précis of a given passage, Speech writing, Article writing.
December	Written Skills: Note making, note taking, Letter Writing in Email format, Précis of a given passage, Speech writing, Article writing.
January	Conversational English: Casual Conversations, Understanding Communication, Greeting and Introducing, Making Requests, Asking for and Giving Permission, Offering Help, Giving Instructions and Directions, Art of Small Talk, Participating in Conversations.
Examination	


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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor MR. ANAND

Paper with Code – MIS FUNDAMENTALS 19BBA205

Class BBA 2nd Sem. Session 2022-23

Month	Name of Topic
February	Unit- I Concept of Data and Information, Introduction to Information Systems, The Fundamental Roles of 'IS' in Business , Types of Information Systems, .Operations Support Systems, .Management Support Systems, Managerial Challenges of Information Technology, Success and Failure with IT, Development IS Solutions, Challenges and Ethics of Information Systems, Challenges of IS Careers, IS Career Opportunities
March	Unit- II Systems Concepts, Components of Information Systems, Information System Resources, People Resources, Hardware Resources, Software Resources, Data Resources, Network Resources, Information System Activities, Input of Data Resources, Processing of Data into information , Output of Information Products, Storage of Data Resources, Control of System Performance, Recognizing Information Systems
April	Unit- III Functional Business Systems, Marketing System(Interactive Marketing, Targeted Marketing, Sales Force Automation, Digital Marketing, Manufacturing Systems, Computer Integrated Manufacturing, Human Resource Systems, HRM and Internet, HRM and Corporate Intranets , Accounting Systems, Online Accounting Systems
May	Unit- IV Introduction to Enterprise Systems, Concept of ERP, Benefits and Challenges of ERP, The Costs of ERP, Causes of ERP Failures, ERP Implementation Strategies, Trends in ERP, Cloud Based and Hosted ERP, Concepts of SCM and CRM (Introduction, Basic Architecture, Benefits and Challenges)

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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor MR. RITESH

Paper with Code – COMPUTERSING ACCOUNTING SYSTEM 19BBA206

Class BBA 2nd Sem. Session 2022-23

Month	Name of Topic
February	<ol style="list-style-type: none">1. Basic introduction of Tally2. Creation of Company3. Creation of Groups and Accounts4. Trail Balance
March	<ol style="list-style-type: none">1. Designing and Creating Vouchers- Sales, Purchases, Sales return, Purchase Return, Salesorder, Purchase Order, Contra, Journal.2. Processing for Reports to prepare ledger Accounts3. Balance sheet4. Profit & Loss
April	<ol style="list-style-type: none">1. Enter the data through bank receipt, bank payment, cash receipt, cash payment2. Bank Reconciliation3. Maintain Cost Center4. Maintain payroll transactions and maintain payroll control system
May	<ol style="list-style-type: none">1. Maintain Budget2. Manufacturing (Bill of Material)3. Introduction to GST

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VAISH COLLEGE, BHIWANI**LESSON PLAN PERFORMA**

Name of Assistant/Associate Professor - Dr. Promila Dahiya Suhag

Paper with Code	19BBA301		BBA 2nd
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SEMESTER- IIIrd

Month	Name of Topic
September	Introduction – Nature and Scope of Human Resource Management, HRM objectives and functions, HRM policies, HRM in globally competitive environment; strategic human resource management
October	Acquiring human resources – human resource planning, job analysis and job design, employee involvement, flexible work schedule, recruitment, selecting human resources, placement and induction, right sizing
November	Developing Human Resources – employee training, training need assessment, training methods and evaluation, cross-cultural training, designing executive development programme,
December	Techniques of executive development, career planning and development, enhancing and rewarding performance – establishing the performance management system,
January	Establishing rewards and pay plans, employee benefits, ensuring a safe and healthy work environment
February	Revision of Full Syllabus. Taking Class Test & Power Point Presentation.

Examination


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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor MR. ANAND

Paper with Code- FINANCIAL MANAGEMENT 19BBA302

Class BBA 3rd Sem. Session 2022-23

Month	Name of Topic
September	UNIT-I Evolution, scope and function of finance managers, objectives of financial management, profit vs. wealth maximization
October	UNIT-II Investment Decisions; brief introduction of cost of capital; methods of capital budgeting; ARR, PBP, NPV and IRR, capital rationing (simple problems on capital budgeting methods)
November	UNIT-III Financing decision: operational and financial leverage; capital structure theories – NI, NOI and traditional approach; EPS-EBIT Analysis
December	UNIT-IV Dividend decision and Management of working capital; determinants of dividend policy; Walter's Dividend Model; Operating Cycle, brief discussion on management of cash, receivable and inventory (simple problem on operating cycle and inventory management)

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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor MR. VISHNUKANT

Paper with Code - MARKETING MANAGEMENT 19BBA303

Class BBA 3rd Sem. Session 2022-23

Month	Name of Topic
September	UNIT-I Introduction to Marketing; difference between marketing and selling; core concepts of marketing; marketing mix; marketing process; marketing environment
October	UNIT-II Determinants of consumer behaviour; consumer's purchase decision process (exclude industrial purchase decision process); market segmentation; target marketing; differentiation and positioning; marketing research; marketing information system
November	UNIT-III Product and product line decisions; branding decisions; packaging and labelling decisions; product life cycle concept; new product development; pricing decisions
December	UNIT-IV Marketing channels: retailing, wholesaling, warehousing and physical distribution, conceptual introduction to supply chain management, conceptual introduction to customer relationship marketing; promotion mix:- personal selling, advertising, sales promotion, publicity


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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor MR. RITESH

Paper with Code- BUSINESS RESEARCH METHODOLOGY 19BBA304

Class BBA 3rd Sem. Session 2022-23

Month	Name of Topic
September	UNIT-I Introduction to research methods: Definition and Scope; characteristics of research in Social Science; identification of research problem; Terminology of research: Concept, Constructs, Theory, Variables, Proposition, Hypothesis and Models. Types of research and Research Design: Descriptive vs. Analytical, applied vs. fundamental, quantitative vs. qualitative and conceptual vs. Empirical, Types of research designs.
October	UNIT II Qualitative research methods: phenomenology, ethnography, case studies. Focus Groups: Discussion Guide and Approaches: observation methods and tools, content analysis; qualitative data analysis Quantitative Research: Scale of measurement; Comparative and Non Comparative methods, Reliability and Validity; Questionnaire design; Sampling Distribution, Technique and Sample size Descriptive Statistics: Frequency distribution, Measure of Central tendency, Dispersion and Shape of distribution.
November	UNIT III Statistical Inference: Parametric and non-parametric tests, comparison of variance, Hypothesis- Meaning and characteristics of a good hypothesis, formulating a hypothesis, Ways of stating a hypothesis, Types of Hypothesis, Testing Experimental Hypothesis- The general nature of standard error, Test of Significance for large samples, test of significance of small samples Level of significance, degrees of freedom, Errors in Hypothesis- Type I, Type II errors, correlation and regression.
December	UNIT IV Report Writing: Types and Layout of reports, Basic concept of paper/thesis writing, ethical issues, copyright, intellectual property rights and patent laws, plagiarism, reproduction of published material, References and Bibliography.


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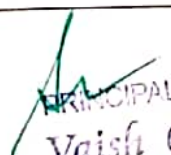
LESSON PLAN PERFORMA

Name of Assistant/Associate Professor MS. TANU

Paper with Code- ENVIRONMENTAL STUDIES 19BBA305

Class BBA 3rd Sem. Session 2022-23

Month	Name of Topic
September	UNIT-I Multidisciplinary nature of environmental studies: Definition, scope and importance Need for public awareness; Renewable and non-renewable resources: Forest resources, Water resources, Mineral resources, Food resources, Energy resources, Land resources, Role of an individual in conservation of natural resources, Equitable use of resources for sustainable lifestyles.
October	UNIT-II Ecosystems Concept of an ecosystem, Structure and function of an ecosystem, Producers, consumers and decomposers, Energy flow in the ecosystem, Ecological succession, Food chains, food webs and ecological pyramids. Introduction, types, characteristic features, structure and function of the following ecosystem: Forest ecosystem, Grassland ecosystem, Desert ecosystem, Aquatic ecosystems.
November	UNIT-III Environmental Pollution: Cause, effects and control measures of - Air pollution, Water pollution, Soil pollution, Marine pollution, Noise pollution, Thermal pollution, Nuclear hazards Solid waste Management: Causes, effects and control measures of urban and industrial wastes; Role of an individual in prevention of pollution. Disaster Management: floods, earthquake, cyclone and landslides.
December	UNIT-IV Social Issues and Environment: From Unsustainable to Sustainable development, Water conservation, rain water harvesting, watershed management. Environmental ethics: Issues and possible solutions, Climate change, global warming, acid rain, ozone layer depletion. Human Population and Environment: Population growth, Environment and human health, Role of Information Technology in Environment and human health.


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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor MR. ANAND

Paper with Code- E BUSINESS & CYBER SECURITY 19BBA306

Class BBA 3rd Sem. Session 2022-23

Month	Name of Topic
September	UNIT-I Background and Current Status of E-Business, Enabling Technologies, E-Business Infrastructure, E-Business Design.
October	UNIT-II E-Business Models, E-Marketing, E-CRM, E-SCM, E-Procurement, E-Payment System, ERP.
November	UNIT-III Cyber Security: Perspective of Cyber security, Application security, Information security, Network security, Cryptography/Encryption, Security threats in E-Business.
December	UNIT-IV Ethical Responsibility: Business Ethics, Technology Ethics; Cyber Crime & its types, hacking, virus, worm, Trojan horse, malware, cyber homicide and other threats to IT infrastructures, Information Technology Act, 2000, IT (Amendment) Act.


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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor Dr .PROMILA DAHIYA SUHAG

Paper with Code – CORPORATE RESPONSIBILITY & BUSINESS ETHICS 19BBA401

Class BBA 4th Sem. Session 2022-23

Month	Name of Topic
February	Unit-I Introduction: Values-Concept, types and formation of values, ethics, values and behaviour, Values of Indian Managers, Ethics, development of ethics, ethical decision making and decision making process, relevance of ethics and values in business. Management of Ethics: Management process and ethics, managerial performance, ethical issues
March	Unit-II Corporate Responsibility & Consumer Protection: Corporate responsibility of business: employees, consumers and community, Corporate Governance, Code of Corporate Governance, Consumerism, unethical issues, in sales, marketing and technology.
April	Unit-III Understanding Progress, Results & Managing Transforming: Progress and Results definition, functions of progress, transformation, need for transformation, process & challenges of transformation. Understanding Success: Definitions of success, Principles for competitive success, prerequisites to create blue print for success. Successful stories of business gurus.
May	Unit-IV Knowledge and Wisdom: Meaning of knowledge and wisdom, difference between knowledge and wisdom, knowledge worker versus wisdom worker, concept of knowledge management and wisdom management, wisdom based management.


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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor **MR. ANAND**

Paper with Code – **MANAGEMENT ACCOUNTING** **198BA402**

Class **BBA 4th Sem.** Session **2022-23**

Month	Name of Topic
February	UNIT-I Management Accounting: - Meaning, nature, scope, objective and functions; marginal costing and profit planning, practical application of marginal costing techniques
March	UNIT-II Responsibility Accounting: - types of responsibility centres, performance evaluation criteria, responsibility reporting; budgeting - role of budgets and budgeting in organizations, budgeting process, operational and financial budgeting
April	UNIT-III Nature and types of Financial Statements; techniques of financial statement analysis, ratio analysis, fund flow and cash flow analysis, techniques in performance measurement
May	UNIT-IV Management accounting information for activity and process decisions; basic capital budgeting techniques


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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor MR. VISHNUKANT

Paper with Code – SALES MANAGEMENT 198BA403

Class BBA 4th Sem. Session 2022-23

Month	Name of Topic
February	UNIT I Sales Management: Objectives, Types of Personal Selling objectives, Market Potential, Sales potential, Sales Forecast, Analyzing Market Potential, Market Indexes, Sales Forecasting Methods.
March	UNIT II Nature of Sales Management Positions, Functions of the Sales Executive, Qualities of Effective Sales Executives, Sales Organization, Purpose, Setting up a Sales Organization, Basic types of Sales Organizational Structures, Organization of the sales department, Schemes for dividing Line Authority in the Sales Organization.
April	UNIT III Sales Force Management, Job Analysis, Job Description, Organization for Recruiting and Selection, Sources of Sales Force Recruits, The Recruiting Effort, Selecting Sales Personnel, Training, Selecting Training Methods, Organization for Sales Training, Evaluating Sales Training Programs, Motivation, Motivational Help from Management, Requirements of a Good Sales Compensation Plan, Devising a Sales Compensation Plan, Types of Compensation Plans, Fringe Benefits.
May	UNIT-IV The Sales Budget: Purpose of the Sales Budget, Form and Content, Budgetary Procedure, Quotas: Objectives in using Quotas, Types of Quotas and Quota Setting Procedures, Sales Territories: Sales Territory Concept, Reasons for Establishing Sales Territories, Procedures for Setting up Sales Territories, Routing and Scheduling Sales Personnel.


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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor MS. TANU

Paper with Code- BUSINESS LAW 19BBA404

Class BBA 4th Sem. Session 2022-23

Month	Name of Topic
February	UNIT-I The Indian Contract Act 1872: meaning and essentials of a valid contract, types of contract, offer and acceptance, consent and free consent, consideration, void agreements, Discharge of contract; Breach of contract and its remedies, quasi contract.
March	UNIT-II Negotiable Instruments Act 1881: Meaning of negotiable instruments, type of negotiable instruments, promissory note, bill of exchange, cheque. Sale of Goods Act 1930: Sale and agreement to sell, implied conditions and warranties, sale by non-owners, rights of unpaid seller.
April	UNIT-III The Companies Act 2013: Meaning and types, Incorporation, Memorandum & Articles of association, Prospectus, Issue of shares and bonus shares, rights issue, sweat equity, role of directors, share qualification, company meetings.
May	UNIT-IV Consumer Protection Act 1986: Objectives and machinery for consumer protection, defects and deficiency removal, rights of consumers; Salient features of Right to Information Act 2005.


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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor MR. ANAND

Paper with Code – INTRODUCTION TO BUSINESS ANALYTICS 19BBA405

Class BBA 4th Sem. Session 2022-23

Month	Name of Topic
February	UNIT 1 Introduction to Business Analytics: Definition, Applications, Objectives, Analysis vs Analytics, Analytics and Competitive Advantage, Different types of Data, Big data.
March	UNIT 2 Descriptive Analytics: Introduction, Visualising and exploring data, Descriptive statistics, Sampling and Estimation, Introduction to Probability Distribution, Tools Application, Correlation and other statistical Tools.
April	UNIT 3 Predictive Analytics: Principles of Forecasting, Predictive Modelling: Logic driven and Data driven Models, Time series, Types of Forecasting, Forecasting Methods and their Characteristics, Trend, Seasonality, Cyclist, Hold winner Forecasting method.
May	UNIT-IV Prescriptive Analytics: Business rule algorithms, nonlinear optimization, Machine learning and Artificial Intelligence, Computational Modelling. Ethics and Analytics: Data collection and Protection laws, Ethical Use of Analytics, Analytics and Privacy Principles.

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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor MR. ANAND

Paper with Code – PRODUCTION AND OPERATION MGT. 198BA501

Class BBA 5th Sem. Session 2022-23

Month	Name of Topic
September	UNIT 1 Introduction: Meaning, Nature and Scope of Production Management, Functions of Production Management; Facility Location and Site Selection: Importance and Factors responsible for Plant Location Decision Classification or Types of Production System: Job Shop Production, Batch Intermittent Production, Continuous Production and Cellular Production; Plant Layout: Definition, Objectives and Types, Factors influencing Plant Layout
October	UNIT 2 Product Design and Product Development: Definition of Product Design, Factors affecting Product Design, Product Policy of an Organisation; Product Development: Meaning of Product Development, Relationship between research, development and design, Stages of Product Development, Techniques or Tools of Product Development, Factors responsible for Product Development
November	UNIT 3 Production Planning and Control: Meaning, Nature, Objectives, Functions, Importance and Problems of Production Planning and Control; Production Procedure, Factors determining Production Planning and Control, Techniques or Tools of Production Planning and Control.
December	UNIT 4 Quality Management: Six Sigma Benefits, Steps in implementing Six Sigma; Kaizen: Principles, Procedure for Implementation, Benefits and Reasons for failure; Just-In-Time (JIT): Objectives, Benefits, Methodology in implementation of JIT, Basic Elements of JIT, Enabling JIT to Occur; Total Quality Management: Major Ingredients in TQM, Principles of TQM, Need & Importance of TQM, Limitations of TQM, Dimensions or Characteristics of TQM, TQM Models, Key Issues for achieving TQM Objectives; ISO 9000, ISO14001.


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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor MR. VISHNUKANT

Paper with Code- BUSINESS ENVIRONMENT 19BBA502

Class BBA 5th Sem. Session 2022-23

Month	Name of Topic
September	UNIT I Introduction to Business Environment: The Concept and significance of Business Environment, PESTLE Analysis, Types of Economies: Command, Market and Mixed.
October	UNIT II Concept the Inflation; Government Policies- Monetary Policy, Fiscal policy, Challenges and Opportunities in the Rural sector
November	UNIT III Economic Role of Government: Introduction, Regulatory Role of Government, Promotional Role of Government, Participatory Role of Government, Impact of India's Industrial Policy on Economic Reforms.
December	UNIT IV International Environment: Introduction, Meaning of Globalization, Future of Globalization, Organisations to facilitate globalization, Foreign Investment, Multinational Corporations, India, WTO and Trading Blocs.

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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor MR. ANAND

Paper with Code- RETAIL MANAGEMENT 19BBA503A

Class BBA 5th Sem. Session 2022-23

Month	Name of Topic
September	Unit-I Introduction to retail; retail in India; retail models and theories of retail development; understanding the retail consumers; ethical issues in retailing
October	Unit-II Retail marketing strategy; retail franchising; retail store location and site selection; retail store design and visual merchandising; customer relationship management in retailing
November	Unit-III Basics of retail merchandising; the process of retail merchandising; the method of merchandise procurement; retail pricing and evaluating merchandise performance; retail communication mix
December	Unit-IV Retail store operations; servicing the retail customers; retail human resource management; financial aspects of retail management; retail information system; supply chain management in retailing.


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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor MR. RITESH

Paper with Code- DIGITAL MARKETING 198BA504A

Class BBA 5th Sem. Session 2022-23

Month	Name of Topic
September	UNIT- 1 Introduction to Digital marketing: Overview of Digital marketing; Origin and Need of Digital marketing, Traditional vs Digital marketing, Advantage and Disadvantage.
October	UNIT- 2 Payment Gateways and Security System: Electronic Payment System, Electronic cash, Smart cards, Risk and Electronic payment system, Types of Transaction security, Security risk of E- Commerce, Types and sources of threats; Protecting e-business assets and intellectual property; firewalls; client server network security.
November	UNIT- 3 Modes of Digital Marketing: E mail marketing, Mobile marketing, Social media marketing and other form of digital marketing.
December	UNIT- 4 Measurement Metrics: Digital Marketing Media, Budget Allocation, ROI for Digital Marketing, Analytics and Key Performance Indicators(KPI), Attribution Models and Frameworks, Digital Marketing in Governance, Emerging Technologies for Digital Marketing, Leading and Managing Digital Marketing teams


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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor MR. VISHNUKANT

Paper with Code PERSONALITY DEVELOPMENT SKILLS 19BBA505

Class BBA 5th Sem. Session 2022-23

Month	Name of Topic
September	UNIT-I Need for effective Communication, Levels of Communication, Use of Language in communication, Significance of Technical Communication. Listening & Reading Skills. Practice exercises on Listening & Reading Skills.
October	UNIT-II Writing skills: Sentence formation, use of appropriate diction, paragraphs & essay writing, Coherence & cohesion skills. Technical Writing: Difference between technical & literary Skills, Elements of Style, common errors. Letter writing: Formal, informal, demi-official letters & business letters. Practice exercises on writing skills
November	UNIT-III Job application: Cover letter, Difference between bio-data, Resume & C.V. Report Writing: Basics of a report, structure & types of Reports. Non-verbal Communication & Body Language: Kinesics, Proxemics & Chronemics, effective use of body language. Practice exercises on Report writing & Resume building
December	UNIT-IV Difference between Group discussion & debate, how to succeed in Group discussions. Oral presentation & public speaking skills, business presentations. Netiquettes, effective e-mail messages, power point presentations, enhancing editing skills using computer software. Practice Exercises Group Discussion/Power presentations & email writing.


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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor Dr. PROMILA DAHIYA SUHAG

Paper with Code CONSUMER BEHAVIOUR 19BBA603A

Class BBA 6th Sem. Session 2022-23

Month	Name of Topic
February	UNIT I Concept and need for studying consumer behaviour, current trends in CB, models of CB- Economic, Psychoanalytic, Howard-Sheth Model; consumer decision-making process in buying.
March	UNIT II Consumer learning: components of learning; stages in observational learning process, Consumer Motivation: meaning; application of Maslow's theory in understanding consumer behaviour; measuring consumer motivation.
April	UNIT III Consumer perception: characteristics affecting perception; perceptual selection; perceptual organisation & interpretation; Consumer attitudes: nature; role of attitudes in developing marketing strategy; attitude change before, during and post purchase.
May	UNIT IV Demographics & social class; types of consumers; social class influences; changing lifestyle of Indian consumers; Reference group: types of reference group; Nature of reference groups and its influence on consumer's purchasing behavior; family life cycle; family decision making and consumption related roles.


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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor MR. VISHNUKANT

Paper with Code ENTERPRENEURSHIP DEVELOPMENT

19BBA601

Class BBA 6th Sem. Session 2022-23

Month	Name of Topic
February	UNIT I Basics of Entrepreneurship: Entrepreneurship: Introduction, functions, need and importance, Who is an Entrepreneur, Competencies and characteristics, Role of Creativity and Innovation in Entrepreneurship.
March	UNIT II Preparing a Business Plan: Meaning and Objectives of a Business Plan, Advantages and cost of preparing a Business Plan, Elements, and Critical Assessment.
April	UNIT III Financing the New Venture: Importance of new venture financing, types of ownership securities, venture capital, types of debt securities, determining ideal debt-equity mix, and financial institutions and banks.
May	UNIT IV Entrepreneurial Challenges: Barriers to Entrepreneurship, Challenges faced by entrepreneurs. Cases and Interaction with Entrepreneurs: Case Study of Successful Entrepreneurs in India (Interaction with Entrepreneurs (Firsthand Experience))


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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor MR. ANAND

Paper with Code- INTERNATIONAL BUSINESS 19BBA602

Class BBA 6th Sem. Session 2022-23

Month	Name of Topic
February	UNIT I Globalization and international Business: Concept of globalization, Factors influencing globalization, Concept of International business, Reasons of expansion, Domestic Vs International Business, Importance, nature and scope of International business; Modes of entry into International Business.
March	UNIT II Balance of Payment and FDI: Concept and significance of balance of payments account; Current and capital account components, India's BOP and Trade. Overview, Meaning and Types of FDI, Foreign investments: Pattern, Structure and effects.
April	UNIT III Global Trading and Investment Environment: World trade in goods and services - Major trends and developments; World trade and protectionism - Tariff and non-tariff barriers, Introduction of foreign exchange rates and their impact on trade and investment flows.
May	UNIT IV International Economic Institutions and Regional trade blocks: WTO, IMF, World Bank, UNCTAD. SAARC, ASEAN, BRICS.


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LESSON PLAN PERFORMA


Name of Assistant/ Associate Professor – Dr. Vandana

Paper with Code – Abstract Algebra-I(21MTH-101)

Class- M.Sc. Mathematics

Session: 2022-23

Month	Name of Topic
SEMESTER I	
September	Unit-I Definition of a group, examples including matrices, permutation groups, groups of symmetry, roots of unity, Zassenhaus lemma, Normal and subnormal series, Composition series, Jordan-Holder theorem, Solvable series, Derived series, Solvable groups, Solvability of S_n - the symmetric group of degree $n \geq 2$.
October	Unit-II Nilpotent group: Central series, Nilpotent groups and their properties, Equivalent conditions for a finite group to be nilpotent, Upper and lower central series, Sylow-p sub groups, Sylow theorems with simple applications. Description of groups.
November	Unit-III Definition of a ring, examples including congruence classes modulo n , ideals and homomorphism, quotient rings, polynomial ring in one variable over a ring, units, non-zero divisors, integral domains. UFD, PID, ED Primary decomposition of ideals: Radical of an ideal, Primary ideals, Primary decomposition
December	Unit-IV Canonical form : Similarity of matrices, Similarity of linear transformation, Invariant subspaces, Triangular form, Invariant direct-sum decomposition, nilpotent transformation, Jordan canonical form, Rational canonical form.
January	Revision and test
February	Exams


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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor - Dr. Promila Dahiya Suhag

Paper with Code_ 19CS -100

M.Sc. Math 1st

SEMESTER- 1st

Month	Name of Topic
September	Human Resource Management: Introduction, Nature, Scope, Objectives and Importance of Human Resource Management Functions of Human Resource Management: Managerial and Operative functions, Qualification and Qualities of Human Resource Manager.
October	Recent Techniques in Human Resource Management, Evolution and Growth of Human Resource Management in India Recruitment: Concept, Sources/Methods and Techniques of Manpower Supply, Selection: Concept and Procedure Good Training Programme Methods of Training: On the Job Training and Off the Job Training Development: Concept and Nature of Management Development, Principle of M.D, Methods of M.D.
November	Training: Concept, Need and Importance of Training, Essentials of a Workers Participation in Management: Concept, Need, Objectives and Forms of Workers Participation in Management, Pre-requisites of effective participation. Evaluation of the Scheme of Workers Participation in Management, Essential features, functions and progress of Joint Management Councils in India, Causes of failure of Joint Management Councils.
December	Employee Morale: Concept, Nature and Significance of Morale, Determinants of Morale and Measurements of Morale. Productivity: Concept and Significance of Productivity, Measurements of Productivity. Factors influencing Industrial Productivity, Measures to improve Productivity, Relationship between Morale and Productivity
January	Trade Union: Concept, Need, and Functions of Trade Union; Growth and Development of Trade Unions in India Collective Bargaining: Concept, Nature, Scope and Functions of Collective Bargaining in India, Essentials for the success of collective Bargaining in India.
February	Revision of Full Syllabus. Taking Class Test & Power Point Presentation.
Examination	


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LESSON PLAN PERFORMA

Name of Assistant/ Associate Professor- Dr. Vandana

Paper with Code –Abstract Algebra-II(21MTH-201)

Class- M.Sc. Mathematics

Session: 2022-23

Month	Name of Topic
SEMESTER II	
March	Unit-I Module, Sub module & properties of Module, Cyclic modules, Simple and semi-simple modules, Schur's lemma, Free modules, Fundamental structure theorem of finitely generated modules over principal ideal domain and its applications to finitely generated abelian groups. Unit-II Neotherian and Artinian modules and rings with simple properties and examples, Nil and Nilpotent ideals in Neotherian and Artinian rings, Hilbert Basis theorem.
April	Unit-III Algebraic extension of a field : Extension of a field, Degree of a field extension, Algebraic extension of a field, Roots of a polynomial in an extension field, Algebraically closed field Splitting field : Root fields, Splitting field or decomposition field, Theorems on decomposition field.
May	Unit-IV Normal and Separable Extensions of Fields : Normal extensions, Some theorems on normal extensions, Multiple roots, Separable and inseparable extension, Some theorems on separability, Primitive element. Finite fields or Galois fields, properties of finite fields, Structure of the multiplicative group of a finite field, Construction of subfields of $GF(P^n)$.
June	Exams


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LESSON PLAN PERFORMA

Name of Assistant/ Associate Professor- Ms. Akshu Grewal

Paper with Code – Real Analysis(21MTH-104)

Class- M.Sc. Mathematics

Session: 2022-23

Month	Name of Topic
SEMESTER I	
September	Unit-I Definition and existence of Riemann- Stieltjes integral, properties of the integral, integration and differentiation, the fundamental theorem of Calculus, integration of vector valued functions, rectifiable curves.
October	Unit-II Sequences and series of functions, point-wise and uniform convergence, Cauchy criterion for uniform convergence, Weierstrass M-test, Abel's and Dirichlet's tests for uniform convergence, uniform convergence and continuity, uniform convergence and Riemann-Stieltjes integration, uniform convergence and differentiation, Weierstrass approximation theorem, Power series, uniqueness theorem for power series, Abel's theorems.
November	Unit-III Functions of several variables, linear transformations, derivatives in an open subset of \mathbb{R}^n , chain rule, partial derivatives, interchange of the order of differentiation, derivatives of higher orders, Taylor's theorem, Inverse function theorem, Implicit function theorem, Jacobians, extremum problems with constraints, Lagrange's multiplier method.
December	Unit-IV Set functions, intuitive idea of measure, elementary properties of measure, measurable sets and their fundamental properties, Lebesgue measure of sets of real numbers, algebra of measurable sets, Borel sets, equivalent formulation of measurable sets in terms of open, closed, F and G: sets, non-measurable sets.
January	Revision and test
February	Exams


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LESSON PLAN PERFORMA

Name of Assistant/ Associate Professor- Ms. Akshu Grewal

Paper with Code –Complex Analysis(21MTH-202)

Class- M.Sc. Mathematics

Session: 2022-23

Month	Name of Topic
SEMESTER II	
March	Unit-I Module, Sub module & properties of Module, Cyclic modules, Simple and semi-simple modules, Schur's lemma, Free modules, Fundamental structure theorem of finitely generated modules over principal ideal domain and its applications to finitely generated abelian groups. Unit-II Noetherian and Artinian modules and rings with simple properties and examples, Nil and Nilpotent ideals in Noetherian and Artinian rings, Hilbert Basis theorem.
April	Unit-III Algebraic extension of a field : Extension of a field, Degree of a field extension, Algebraic extension of a field, Roots of a polynomial in an extension field, Algebraically closed field Splitting field.
May	Unit-IV Normal and Separable Extensions of Fields : Normal extensions, Some theorems on normal extensions, Multiple roots, Separable and inseparable extension, Some theorems on separability, Primitive element. Galois fields, properties of finite fields, field, Construction of subfields of $GF(P^n)$.
June	Exams


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LESSON PLAN PERFORMA


Name of Assistant/ Associate Professor- Mr. Shiv Raj

Paper with Code – Mathematical Statistics(21 MTH-105)

Class- M.Sc. Mathematics

Session: 2022-23

Month	Name of Topic
SEMESTER I	
September	Unit-I Probability: Classical, Statistical and axiomatic approach, Addition theorem, Boole's Conditional probability and multiplication theorem, Independent events, Bayes' theorem and its applications. Random variable, discrete and continuous random variables, probability mass and density functions, distribution function.
October	Unit-II Joint, marginal and conditional distributions. Mathematical Expectation and It's properties. Variance, Covariance, Moment generating function. Discrete distributions: Binomial, Poisson and geometric distributions with their properties.
November	Unit-III Continuous distributions: Uniform, Normal, Gamma and Exponential distributions and their properties. Chebychev's inequality, Central Limit Theorem. Weak Law of Large Numbers.
December	Unit-IV Point and interval estimation, Unbiasedness, Sufficiency, Consistency and Efficiency. Testing of Hypothesis, Null and alternative hypotheses, Simple and composite hypotheses, types of errors, Level of significance, Power of the Test, Critical Region. One tailed and two tailed tests, t-test, Chi-square test, F-test.
January	Revision and test
February	Exams


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LESSON PLAN PERFORMA

Name of Assistant/ Associate Professor- Mr. Shiv Raj

Paper with Code – Computational Techniques(21MTH-205)

Class- M.Sc. Mathematics

Session: 2022-23

Month	Name of Topic
SEMESTER II	
March	Unit-I Error Analysis. Gaussian elimination method with pivoting, Algorithm and convergence of Jacobi iterative Method, Algorithm and convergence of Gauss Seidel Method, Method of Relaxation. The Solution of Non-Linear Equation: Bisection Method, Fixed point iterative method, Newton-Raphson method, Muller's Method, Secant method, Method of false position, Algorithms and convergence of these methods, Complex roots by Newton's method, System of two Equations by Newton Method and Method of Iteration.
April	Unit-II Forward difference operators, Backward difference operators, Shift operators, Average and central difference operators. Linear interpolation, Lagrange's interpolation Polynomial, Divided difference Table, Interpolation with equidistant Points: Forward Difference Table and Backward Difference Table, Spline interpolation (Cubic), Chebyshev interpolation Polynomials, Errors and algorithms of these interpolations.
May	Unit-IV Euler's Method, Modified Euler's methods with error analysis, Taylor's series and Runge-Kutta methods with error analysis, Predictor-corrector methods for solving initial value problems, Finite Difference & Collocation methods. Linear homogeneous and non-homogeneous difference equations with constant coefficients. Eigenvalue and eigenvector.
June	Exams


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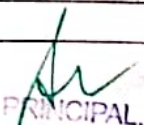
Name of Assistant/ Associate Professor- Dr. Vandana

Paper with Code – Differential Equation & Calculus of variation(21 MTH-102)

Class- M.Sc. Mathematics

Session: 2022-23

Month	Name of Topic
SEMESTER I	
September	Unit-I Preliminaries: Initial value problem and equivalent integral equation. Lipschitz condition, Picard Fundamental existence and uniqueness theorem for $y = f(t,y)$, Dependence of solutions on initial conditions and parameters, Solution of initial-value problems by Picard method. Sturm-Liouville BVPs, Sturm's Separation and Comparison theorems, Lagrange's identity and Green's formula for second order differential equations, Properties of eigenvalues and eigen functions.
October	Unit-II Adjoint systems, Self-adjoint equations of second order. Linear systems. Matrix method for homogeneous first order system of linear differential equations, Fundamental set and fundamental matrix, Wronskian of a system, Method of variation of constants for a nonhomogeneous system with constant coefficients, nth order differential equation equivalent to a first order system.
November	Unit-III Nonlinear differential system, Plane autonomous systems and critical points, Classification of critical points - rotation points, foci, nodes, saddle points. Liapunov function and Liapunov's method to determine stability for nonlinear systems, Periodic solutions and Floquet theory for periodic systems, Limit cycles, Bendixson non-existence theorem, Poincare-Bendixson theorem(Statement only), Index of a critical point.
December	Unit-IV Motivating problems of Calculus of Variations, Shortest Distance, Minimum surface of Revolution, Brachistochrone problem, Isoperimetric problem, Geodesic. Fundamental Lemma of Calculus of Variations, Euler equation for one dependent function and its generalization to 'n' dependent functions.
January	Revision and test
February	Exams


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LESSON PLAN PERFORMA

Name of Assistant/ Associate Professor- Dr. Vandana

Subject with Code -Partial Differential Equation(21 MTH- 203)

Class- M.Sc. Mathematics

Session: 2022-23

Month	Name of Topic
SEMESTER II	
March	Unit-I First and Second order P.D.E.: Curves and surfaces, Genesis of first order P.D.E., Classification of integrals, Compatible systems, Integral Surfaces through a Given curve. Method of separation of variables, Genesis of Second Order P.D.E. One Dimensional Wave Equation: Vibrations of an Infinite Strings, Vibrations of a Semi-Infinite String, Vibrations of a string of finite length. Unit-II Laplace's Equations.: Elementary Solution of Laplace's Equation, Problems with Axial Symmetry, Boundary Value problems, Maximum and Minimum Principles, The Cauchy Problem, The Dirichlet Problem for upper half plane, The Neumann Problem for upper half plane, The Dirichlet problem for a circle, The Dirichlet Exterior problem for a circle, The Neumann problem for a circle, the Dirichlet problem for a rectangle.
April	Unit-III Heat Conduction problem: Heat conduction- Infinite rod case, Heat conduction- finite rod case, Duhamel's principle, Heat Conduction Equation, Classification in the case of n-variables, Families of Equipotential Surfaces, Kelvin's Inversion theorem. Green's function: Green's function and its derivation, representation formula, symmetry of Green's function, Green's function for a half space and for a unit ball. Energy methods: Dirichlet's principle.
May	Unit-IV Numerical and Approximate Methods: Numerical Solutions, An Explicit Finite Difference Method, An Implicit Finite Difference Method (Crank- Nicolson Method) Analytic versus Numerical Solutions, Classification of PDEs, Monte Carlo Methods, Monte Carlo Solutions of PDEs.
June	Exams


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LESSON PLAN PERFORMA

Name of Assistant/ Associate Professor- Mr.Shivraj

Paper with Code – Mechanics(21 MTH-103)

Class- M.Sc. Mathematics

Session: 2022-23

Month	Name of Topic
SEMESTER I	
September	Unit-I Moments and products of Inertia, Theorems of parallel and perpendicular axes, Angular momentum of a rigid body about a fixed point and about a fixed axes, Principal axes, Kinetic energy of a rigid body rotating about a fixed point, Momental ellipsoid- Equipotential systems, Coplanar distributions. Euler's dynamical equations for the motion of a rigid body about a fixed point.
October	Unit-II Generalized co-ordinates. Holonomic and Non-holonomic systems. Scleronomic and Rheonomic systems. Lagrange's equations for a simple holonomic dynamical system, Lagrange's equations for conservative and impulsive forces. Kinetic energy as a quadratic functions of velocities. Energy equation for conservative fields. Hamilton's canonical variables. Donkin's theorem. Hamilton canonical equations. Routh's procedure.
November	Unit-III Poisson Bracket. Poisson's Identity. Jacobi-Poisson Theorem. Hamilton's Principle. Principle of Least action. Poincare Cartan Integral invariant. Whittaker's equations. Jacobi's equations. Hamilton-Jacobi equation. Jacobi theorem. Lagrange Brackets, Canonical Transformations, Condition of canonical character of a transformation in terms of Lagrange and Poisson brackets. Invariance of Lagrange and Poisson brackets.
December	Unit-IV Gravitation: Attraction and potential of rod, disc, spherical shells and sphere. Laplace and Poisson equations. Work done by self-attracting systems. Distributions for a given potential. Equipotential surfaces. Surface and solid harmonics. Surface density in terms of surface harmonics.
January	Revision and test
February	Exams


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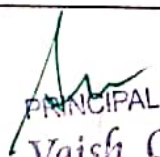
Name of Assistant/ Associate Professor- Mr. Shivraj

Paper with Code – Measure and Integration Theory(21MTH-204)

Class- M.Sc. Mathematics

Session: 2022-23

Month	Name of Topic
SEMESTER II	
March	Unit-I Measurable functions and their equivalent formulations, Properties of measurable functions. Approximation of measurable functions by sequences of simple functions, Measurable functions as nearly continuous functions, Egoroff's theorem, Lusin's theorem, Convergence in measure and F. Riesz theorem for convergence in measure, Almost uniform convergence.
April	Unit-II Shortcomings of Riemann Integral. Lebesgue Integral of a bounded function over a set of finite measure and its properties, Lebesgue integral as a generalization of Riemann integral, Bounded convergence theorem, Lebesgue theorem regarding points of discontinuities of Riemann integrable functions, Integral of non-negative functions, Fatou's Lemma, Monotone convergence theorem, General Lebesgue Integral, Lebesgue convergence theorem.
May	Unit-III Vitali's covering Lemma, Differentiation of monotonic functions, Functions of bounded variation and its representation as difference of monotonic functions. Differentiation of Indefinite integral. Fundamental Theorem of Calculus. Absolutely continuous functions and their properties. Unit-IV spaces, Convex functions, Jensen's inequalities, The Holder and Minkowski inequalities, Convergence and Completeness of space, Riesz-Fisher Theorem, Bounded linear functional on space, Riesz representation theorem.
June	Exams


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LESSON PLAN PERFORMA

Name of Assistant/ Associate Professor- Ms. Deepika

Paper with Code – Introduction to MS Excel and programming in FORTRAN(21 MTH-106)

Class- M.Sc. Mathematics

Session: 2022-23

Month	Name of Topic
SEMESTER I	
September	Unit-I Introduction to MS Excel: Basic Formatting, Conditional Formatting, working with graphics, types of Charts in MS Excel, Logical, Mathematical and Statistical Functions, Data Filtering, Sorting of Data, What-if analysis: Scenario Manager, Goal Seek, Data Analysis tool, solver tool.
October	Unit-II Introduction to FORTRAN 90: Character Set, Constants and Variables, Data Types, Subscripted Variables and Simple Fortran Functions, Fortran Operators: types and precedence, Format Free Read Command, Format Free Print Command, Formatted Input and Output, Format Statement, Data object declaration, type declaration statement, Implicit Statement.
November	Unit-III Conditional and control commands: IF - THEN - ENDIF Construct, IF - THEN - ELSE – ENDIF Construct, Logical IF Commands, Arithmetic IF Commands, CASE Construct; Transfer Commands, Loops in Fortran: Do Construct, Nested DO-Loops; CONTINUE Statement, Implied Do, Intent, Save, Exit, Stop, Data, Equivalence, Common, Cycle Statement.
December	Unit-IV Arrays: Introduction, Array Storage: 1-D, 2-D and 3-D Arrays, Dimension Statement, Dynamic Allocation of Arrays. Statement Function, Library Functions, Function Subprograms, Dummy arguments, Actual arguments, Calling Functions and Subroutine. The OPEN & CLOSE statements, File INPUT/OUTPUT, READ & WRITE statements for sequential Formatted and Unformatted READ/WRITE statements.
January	Revision and test
February	Exams


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LESSON PLAN PERFORMA

Name of Assistant/ Associate Professor- Ms. Aisha

Paper with Code –Programming in C(21MTH-206)

Class- M.Sc. Mathematics

Session: 2022-23

Month	Name of Topic
SEMESTER II	
March	Unit-I Introduction to C Programming: Basic Structure, Constants and Variables, Rules for naming Variables, Data Types, Character Input and Output, Formatted input and output, The gets) and puts functions, Operators and Expressions, types of operators: Arithmetic, Unary, Relational, Logical, Conditional, Bitwise, Increment and Decrement; The Size of Operator.
April	Unit-II Precedence of Control Statements and Decision Making: goto statement, if, if-else, Nested if statements, conditional expression, Switch statement, Loops: While, do while loop, for loop, nested for loops, Break and Continue statement. Arrays and Strings: 1-D and 2-D Arrays, passing Arrays to Functions, Multidimensional Arrays, Strings functions. Unit-III Pointers: Basics of Pointers, Pointer Arithmetic, Pointer Subtraction and Comparison, Null pointers, Pointers and Strings, Pointers and two-dimensional arrays, Arrays of Pointers. Structures and Unions: Basics of Structures, Arrays of Structures, Pointers to Structures, Unions.
May	Functions: Function Basics, Function Prototypes, and Passing Parameters: Passing Parameter by value and Passing Parameter by reference, passing string to function, Passing array to function, Recursion. File Management: Opening and Closing Files, Input/output Operations on Files, Predefined Streams, Error Handling during I/O Operations.
June	Exams

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LESSON PLAN PERFORMA

Name of Assistant/ Associate Professor- Dr. Vandana

Paper with Code –Open Elective I(Swacch Bharat)

Class- M.Sc. Mathematics

Session: 2022-23

Month	Name of Topic
SEMESTER I	
September	Unit –I Explain Swacchhata, Ways of awareness for Swachhaw, Personal Hygeine
October	Unit-II Health and Health Education Balance diet and Sanitation practices
November	Unit-III Solid waste manugement, Segregation, Disposal Non-Biodegradable and Biodegrndable waste
December	Unit-IV ways of campaigning Role of Gram panchayat in Swachhta
January	Revision and test
February	Exams


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LESSON PLAN PERFORMA

Name of Assistant/ Associate Professor- Ms. Akshu Grewal

Paper with Code – Topology(21MTH-301)

Class- M.Sc. Mathematics

Session: 2022-23

Month	Name of Topic
SEMESTER III	
September	Unit-I Definition and examples of topological sets. Closure. Dense subsets. Neighbourhoods. Interior, exterior and boundary points of a set. Accumulation points and derived sets. Bases and sub-bases. Subspaces and relative topology. Alternate methods of defining a topology in terms of Kuratowski Closure Operator and Neighbourhood Systems.
October	Unit-II Continuous functions and homeomorphism. Connected spaces. Connectedness on the real line. Components. Locally connected spaces.
November	Unit-III Compactness, compact sets, Basic properties of compactness. Compactness and finite intersection property. Sequentially and countably compact sets. Local compactness and one point compactification. Stone-Cech compactification Compactness in metric spaces. Equivalence of compactness, countable compactness and sequential compactness in metric spaces.
December	Unit-IV First and Second Countable spaces. Lindelof's theorem. Separable spaces. Second Countability and Separability. Separation axioms. T_0 , T_1 , and T_2 spaces. Their characterization and basic properties. Baire Category Theorem for locally compact Hausdorff spaces. Regular and normal spaces. Urysohn's Lemma and Tietze Extension theorem. T_3 and T_4 spaces. Complete regularity and Complete normality. T_3 and T_4 spaces.
January	Revision and test
February	Exams


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LESSON PLAN PERFORMA


Name of Assistant/ Associate Professor- Ms. Akshu Grewal

Paper with Code - Functional Analysis(21MTH-401)

Class- M.Sc. Mathematics

Session: 2022-23

Month	Name of Topic
SEMESTER IV	
March	Unit-I Normed spaces, Banach spaces, Finite dimensional normed space and subspaces, Linear operators, Bounded and Continuous linear operators, Linear Functionals, Normed spaces of operators, Dual spaces.
April	Unit-II Inner product space and its properties, Hilbert spaces, orthogonal complements and direct sums, Legendre, Hermite and Laguerre polynomials, Representation of Functionals on Hilbert spaces, Hilbert- Adjoint Operator, Self- Adjoint, Unitary and Normal Operators.
May	Unit-III Hahn Banach Theorem, Uniform bounded principle, Closed graph Theorem, Open mapping Theorem, Adjoint Operators, Reflexivity. Unit-IV Spectral theory in finite dimensional normed spaces, Spectral properties of Bounded Linear Operators, Further Properties of Resolvent and Spectrum, Spectral properties of Bounded Self- Adjoint Linear Operators, Positive Operators.
June	Exams


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LESSON PLAN PERFORMA

Name of Assistant/ Associate Professor- Ms. Akshu Grewal

Paper with Code – Differential Geometry(21MTH-302)

Class- M.Sc. Mathematics

Session: 2022-23

Month	Name of Topic
SEMESTER III	
September	Unit-I Curves with torsion: Tangent, Principal Normal, Curvature, Binormal, Torsion, Serret-Frenet formulae, Locus of centre of Curvature.
October	Unit-II Spherical Curvature, Locus of centre of Spherical Curvature. Envelopes: Surfaces, Tangent plane, Envelope, Characteristics. Edge of regression.
November	Unit-III Curvilinear Co-ordinates: First order magnitude, Directions on a surface, Second order magnitudes, Derivative of unit normal.
December	Unit-IV Principal directions and curvatures. Geodesics: Geodesic property, Equations of geodesics, Torsion of a geodesic.
January	Revision and test
February	Exams


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LESSON PLAN PERFORMA


Name of Assistant/ Associate Professor- Dr. Vandana

Paper with Code –Integral Equation(21MTH-402)

Class- M.Sc. Mathematics

Session: 2022-23

Month	Name of Topic
SEMESTER IV	
March	Unit-I Linear Integral Equations, Some Basic Identities, Initial value problems reduced to Volterra integral equations, Method of successive substitution and successive approximation to solve Volterra Integral equations of second kind, iterated Kernels and Neumann series for Volterra Equations, Resolvent Kernel, Solution of a Volterra integral Equation.
April	Unit-II Boundary value problems reduced to Fredholm Integral equations, Method of successive substitution and successive approximation to solve Fredholm Integral equations of second kind, iterated Kernels and Neumann series for Fredholm Equations, Resolvent Kernel, Fredholm resolvent Kernel, Fredholm equation with separable kernels, Approximation of a kernel by a separable kernel, Fredholm Alternative. Unit-III Green Function, Use of method of variation of parameters to construct the Green function for a non- homogenous linear second order linear boundary value problems, Basic four properties of the Green Function.
May	Unit III Alternate Procedure for construction of the Green function by using its basic four properties, Reduction of a boundary value problem to a Fredholm Integral equation, Hilbert- Schmidt theory of symmetric kernels. Unit-IV Integral transform for solving integral equations, basic properties of Laplace transforms, solution of Abel's equation using Laplace transform, application of Laplace transform to the solution of Volterra integral equation, solution of integro-differential equations. Fourier sine and cosine transforms.
June	Exams


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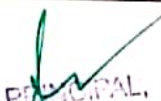
Name of Assistant/ Associate Professor- Mr. Shiv Raj

Paper with Code – Mechanics of solids-I(21MTH-303)

Class- M.Sc. Mathematics

Session: 2022-23

Month	Name of Topic
SEMESTER III	
September	Unit-I Cartesian tensors: Cartesian tensors of different order, Properties of tensors, Symmetric and skew-symmetric tensors, Isotropic tensors of different orders and relation between them, Tensor invariants. Eigen-values and eigen vectors of a second order tensor, Scalar, vector, tensor functions, Comma notation, Gradient, Divergence and Curl of a tensor field.
October	Unit-II Analysis of Stress: Stress vector, stress components. Cauchy equations of equilibrium. Stress tensor. Symmetry of stress tensor. Stress quadric of Cauchy. Principal stress and invariants. Maximum normal and shear stresses. Mohr's diagram. Examples of stress.
November	Unit-III Analysis of Strain: Affine transformations. Infinitesimal affine deformation. Geometrical interpretation of the components of strain. Strain quadric of Cauchy. Principal strains and invariants. General infinitesimal deformation. Saint-Venant's equations of Compatibility. Finite deformations. Examples of uniform dilatation, simple extension and shearing strain.
December	Unit-IV Equations of Elasticity: Hooke's law and its generalization. Hooke's law in media with one plane of symmetry, orthotropic and transversely isotropic media, Homogeneous isotropic media. Elastic moduli for isotropic media. Equilibrium and dynamic equations for an isotropic elastic solid. Beltrami-Michell compatibility equations, Strain energy function and its connection with Hooke's law Clapeyron's theorem. Saint-Venant's Principle
January	Revision and test
February	Exams


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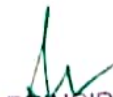
Name of Assistant/ Associate Professor- Mr. Shiv Raj

Paper with Code –Mechanics of solids-II(21MTH-403)

Class- M.Sc. Mathematics

Session: 2022-23

Month	Name of Topic
SEMESTER IV	
March	Unit-I Two-dimensional Problems: Plane strain and Plane stress. Generalized plane stress. Airy stress function for plane strain problems. General solutions of a Biharmonic equation. Stresses and displacements in terms of complex potentials. Thickwalled tube under external and internal pressures. Rotating shaft.
April	Unit-II Torsion of Beams: Torsion of cylindrical bars. Torsional rigidity. Torsion and stress functions. Lines of shearing stress, Simple problems related to circle, ellipse and equilateral triangle cross-section. Circular groove in a circular shaft. Variational Methods: Reciprocal theorem of Betti and Rayleigh. Deflection of elastic string by Transverse load; Deflection of central line of Beam, Deflection of elastic membrane. The Ritz method-one & two dimensional, The Galerkin method, The method of Kantrovitch.
May	Unit-III Viscoelasticity: Spring & Dashpot, Maxwell & Kelvin Models, Three parameter solid, Correspondence principle & its application to the Deformation of a viscoelastic Thick-walled tube in Plane strain. Unit-IV Waves: Simple harmonic progressive waves, scalar wave equation, progressive type solutions, plane waves and spherical waves, stationary type solutions in Cartesian and Cylindrical coordinates. Elastic Waves: Propagation of waves in an unbounded isotropic elastic solid. P.SV and SH waves. Surface Waves: frequency equation for Rayleigh and Love waves.
June	Exams


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LESSON PLAN PERFORMA

Name of Assistant/ Associate Professor- Ms. Akshu Grewal

Paper with Code – Discrete Mathematics(21MTH-305)

Class- M.Sc. Mathematics

Session: 2022-23

Month	Name of Topic
SEMESTER III	
September	Unit-I Graph Theory - Definitions and basic concepts, special graphs, Subgraphs, isomorphism of graphs, Walks, Paths and Circuits, Eulerian Paths and Circuits, Hamiltonian Circuits, matrix representation of graphs, Planar graphs, Coloring of Graph.
October	Unit-II Directed Graphs, Trees, Isomorphism of Trees, Representation of Algebraic Expressions by Binary Trees, Spanning Tree of a Graph, Shortest Path Problem, Minimal spanning Trees, Cut Sets, Tree Searching.
November	Unit-III Formal Logic - Statements. Symbolic Representation and Tautologies. Quantifier, Predicates and Validity. Propositional Logic. Pigeonhole principle, principle of inclusion and exclusion, derangements. Lattices-Lattices as partially ordered sets. Their properties. Lattices as Algebraic systems. sublattices, Direct products, and Homomorphisms. Some Special Lattices e.g., Complete. Complemented and Distributive Lattices. Join-irreducible elements. Atoms and Minterms.
December	Unit-IV Boolean Algebras. Boolean Algebras as Lattices. Various Boolean Identities. The switching Algebra example. Sub algebras, Direct Products and Homomorphisms. Boolean Forms and Their Equivalence. Minterm Boolean Forms, Sum of Products Canonical Forms. Minimization of Boolean Functions. Applications of Boolean Algebra to Switching Theory. The Karnaugh Map method.
January	Revision and test
February	Exams


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LESSON PLAN PERFORMA

Name of Assistant/ Associate Professor- Ms. Akshu Grewal

Paper with Code – Mathematical aspects of seismology(21MTH-405)

Class- M.Sc. Mathematics

Session: 2022-23

Month	Name of Topic
SEMESTER IV	
March	Unit-I Waves: General form of progressive waves, Harmonic waves, Plane waves, the wave equation. Principle of superposition. Progressive types solutions of wave equation. Stationary type solutions of wave equation in Cartesian, Cylindrical and Spherical coordinates systems. Equation of telegraphy. Exponential form of harmonic waves. D' Alembert's formula. Inhomogeneous wave equation. Dispersion: Group velocity, relation between phase velocity and group velocity.
April	Unit-II Spherical waves. Expansion of a spherical wave into plane waves: Sommerfield's integral. Kirchoff's solution of the wave equation, Poissons's formula, Helmholtz's formula. Introduction to Seismology: Earthquakes, Location of earthquakes, Causes of Earthquakes, Observation of Earthquakes, Aftershocks and Foreshocks, Earthquake magnitude, Seismic moment.
May	Unit-III Reduction of equation of motion to wave equations. P and S waves and their characteristics. Polarization of plane P and S waves. Snell's law of reflection and refraction. Reflection of plane P and SV waves at a free surface. Partition of reflected energy. Reflection at critical angles. Reflection and refraction of plane P, SV and SH waves at Solid-Solid Interface. Surface waves: Rayleigh waves, Love waves and Stoneley waves. Unit-IV Two dimensional Lamb's problems in an isotropic elastic solid: Area sources and Line Sources in an unlimited elastic solid. A normal force acts on the surface of a semi-infinite elastic solid, tangential forces acting on the surface of a semi-infinite elastic solid. Three dimensional Lamb's problems in an isotropic elastic solid: Area or Volume sources and Point sources
June	Exams


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LESSON PLAN PERFORMA

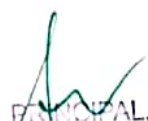
Name of Assistant/ Associate Professor- Dr. Vandana

Paper with Code – Operations Research Techniques(21MTH-310)

Class- M.Sc. Mathematics

Session: 2022-23

Month	Name of Topic
SEMESTER III	
September	Unit-I Operations Research: Origin, definition and its scope, Linear Programming: Formulation and Solution of linear programming problems by Graphical and Simplex methods, Big - M and Two-phase methods, Degeneracy, Duality in linear programming.
October	Unit-II Transportation Problems: Basic Feasible Solutions, Optimum solution by stepping stone and modified distribution methods, unbalanced and degenerate problems, trans-shipment problem. Assignment problems: Solution by Hungarian method, unbalanced problem, case of maximization, travelling salesman and crew assignment problems.
November	Unit-III Queuing models: Basic components of a queuing system, General birth-death equations, steady-state solution of Markovian queuing models with single and multiple servers (M/M/1, M/M/C, M/M/1/k, M/M/C/k).
December	Unit-IV Inventory control models: Economic order quantity (EOQ) model with uniform demand and with different rates of demands in different cycles, EOQ when shortages are allowed, EOQ with uniform replenishment, Inventory control.
January	Revision and test
February	Exams


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LESSON PLAN PERFORMA

Name of Assistant/ Associate Professor- Mr. Shiv Raj

Paper with Code – Mathematical Modeling(21MTH-406)

Class- M.Sc. Mathematics

Session: 2022-23

Month	Name of Topic
SEMESTER IV	
March	Unit-I The process of Applied Mathematics; mathematical modeling: need, techniques, classification and illustrative; mathematical modeling through ordinary differential equation of first order; qualitative solutions through sketching. Unit-II Mathematical modeling in population dynamics, epidemic spreading and compartment models; mathematical modeling through systems of ordinary differential equations; mathematical modeling in economics, medicine, arm-race, battle.
April	Unit-III Mathematical modeling through ordinary differential equations of second order. Higher order (linear) models. Mathematical modeling through difference equations: Need, basic theory; mathematical modeling in probability theory, economics, finance, population dynamics and genetics.
May	Unit-IV Mathematical modeling through partial differential equations: simple models, mass-balance equations, variational principles, probability generating function, traffic flow problems, initial & boundary conditions.
June	Exams

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LESSON PLAN PERFORMA

Name of Assistant/ Associate Professor- Mr. Pankaj Dixit

Paper with Code – MATLAB Programming(21MTH-311)

Class- M.Sc. Mathematics

Session: 2022-23

Month	Name of Topic
SEMESTER III	
September	Unit-I Introduction: Features of MATLAB, MATLAB window, Command Window, Workspace, Command History, working with the MATLAB user interface, Basic commands, Assigning variables, Operations with variables, Data files and Data types, Character and string
October	Unit-II Arrays and Vectors: Column vectors, Row vectors, creating rows and columns matrix, Matrix Operations, finding transpose, determinant and inverse, solving arithmetic equations. Operators and special characters, Mathematical and logical operators, solving Polynomials equations.
November	Unit-III Loops and Conditional Statements: if, if-else, switch, Loop control: for, while, continue, break, return. Working with script: Script file, M file, executing script files. Plotting: plotting vector and matrix data, plot labelling, curve labelling, creating 2D and 3D plots, plotting multiple data sets, specifying line styles and colors, multiple plots in one figure, subplots.
December	Unit-IV Functions: Writing user defined functions, built in functions, function calling, types of functions, MATLAB programming. Calculus, Numerical Integration and Differentiation, Linear Algebra, Algebraic equations, solving differential equations and ODE, solving Limits, Transforms (Fourier, Laplace, etc.)
January	Revision and test
February	Exams

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LESSON PLAN PERFORMA

Name of Assistant/ Associate Professor- Dr. Vandana

Paper with Code – Introduction to LATEX and R Programming(21MTH-411)

Class- M.Sc. Mathematics

Session: 2022-23

Month	Name of Topic
SEMESTER IV	
March	Unit-I Introduction to LaTeX: Applications, Features, Document structure, section, paragraphs, packages, typing lists, typesetting Mathematical equations in LaTeX, Addition a picture, adding title in document, typing mathematical symbols. Unit-II Generating a table of contents in LaTeX, adding hyperlink, adding Bibliography, adding footnotes, creating tables in LaTeX, Plot generation from csv file, plotting and visualizing data.
April	Unit-III Introduction to R Programming: Basic syntax, Data types and objects, variables, constants, sources of data, data categorisation, Operators and its types, Control statements and Functions, Vectors, Matrices, List, Data Frames, Factors and Tables,
May	Unit-IV Regular Expression and String Manipulation, Input/output in R, Graphs in R Programming, Application of R in descriptive statistics: Probability, Sampling Distributions, T-test, Correlation and regression analysis.
June	Exams


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LESSON PLAN PERFORMA

Name of Assistant/ Associate Professor- Dr. Vandana

Paper with Code –Open Elective II(Yoga, Health & Nutrition)

Class- M.Sc. Mathematics

Session: 2022-23

Month	Name of Topic
SEMESTER III	
September	Unit –I Meaning definition dimension and determinants of health, Role of Physical activities in maintaining health Health problem in India, effect of alcohol, tobacco on health, Preventive strategies for obesity, hypertension, coronary heart disease, diabetes in relation to physical activities and lifelong wellness
October	Unit-II Meaning & definition of food & nutrition Basic nutrition guideline and role of nutrition in daily life Concept of balanced diet caloric values of food, Role of diet in weight management
November	Unit-III Introduction of Yoga: Meaning & definition Astanga Yoga, Yama, Niyama, Aasana, Pranayama, Prathyahara, Dharama, Dhyana, and Samadhi; Yogic Practice: Place, Time, Clothes, Bathing, Diet before and after Yoga, Surya Namaskar: methods and Benefits
December	Unit-IV Meaning of Asana, its types and principles, Meaning of Pranayama, its types and principles Meaning of Kriyas, its types and principles, Meaning of Bandhas, its types and principles
January	Revision and test
February	Exams

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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor Ms. Poonam

Paper with Code 19MC-101 Management Process and Organisational Behaviour
Class M.Com 1st Sem. Session -2022-23

Month	Name of Topic
September	Unit-I Introduction to Management: Meaning, Nature and Scope of Management Evolution of Management thoughts Functions of Management: Planning, Organising, Staffing, Directing, Controlling Decision-Making Process and its Implementation, Rationality in Decision-Making Managerial Ethics, Social Responsibility Unit-II Organisational Behaviour: Evolution, Importance and Relationship with other fields; Contemporary challenges of OB Theories of Organizational Behaviour: McGregor's Theory X and Theory Y, Mayo's Social Man, Schein's Rational and Complex Man and Theory Z Attitude: Formation and Changing of Attitudes Learning: Concept, Nature and Theories of Learning Perception: Role of Person-Perception and Attribution; Managerial Implications of Perception
October	Unit-III Personality: Nature and Theories (traits and types) of Personality, Managerial Implications of Type A and Type B Personality; Role of Socialization in the process of development of Personality Motivation: Concept and Theories of Motivation (Maslow's Hierarchy of Needs, Herzberg's Two factor theory, Vroom's expectancy model, and Contemporary theories of Motivation), Role of Reinforcement Theory of Motivation in Behaviour Modification Leadership: Nature, Functions and Leadership Styles; Yetton and Jago's Normative Decision Model of Leadership


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<p>November</p>	<p>Unit-IV Managing Groups, Processes, Types, Group formation, Group Dynamics, Group cohesiveness, Group vs Individual Performance, Transactional analysis, Applications of Emotional Intelligence in Organisation, Organisational Climate, Organisational Culture, Organisational Change, Nature, Resistance to Change, Implementing Change, Organisational Development, Concept, Models and Interventions</p>
<p>December</p>	<p>Exams</p>


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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor Dr. Satbir Singh

Paper with Code 19MC-102 Financial Accounting Class M Com 1st Sem.
Session 2022-23

Month	Name of Topic
September	Financial Accounting- Nature, Scope and Significance Utility, Limitations and Essentials for success, Basic Accounting Concepts, Conventions and Principles, Financial Accounting vs Cost Accounting vs Management Accounting, Accounting standards: meaning, significance preparations of Accounting standards in India
October	Financial Statements- Forms, Nature, Uses, Limitations and Financial Statements Analysis and Interpretation- types and tools Comparative, Common size and Trend Percentages Accounting Ratios- Nature, Classification Significance and Analysis and Interpretation- Profitability, Turnover, Liquidity and Solvency Ratios
November	Cash Flow Statement- Concept, Cash Flow Statement- Objectives Cash Flow Statement- Sources, Cash Flow Statement- Application Preparation of Cash Flow Statement as per AS-3 Emerging Accounting Practices: Inflation Accounting Human Resource Accounting, Value added Accounting Responsibility Accounting, Transfer Pricing- Concept and Methods, Social and Environmental Accounting
December	Exams

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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor Mrs. Rinku

**Paper with Code 19MC-103 Business Economics Class M Com 1st Sem.
Session 2022-23**

Month	Name of Topic
September	Definition, Nature, Scope and Applications of Business Economics, Functions, Role and Responsibilities of a Economist, Objectives of Business Firms, Profit Maximization as Business Objectives, Profit vs Wealth Maximization Objective
October	Meaning of Demand and Market Demand, Analysis of Market Demand Types of Demand, Determinants of Demand, Law of Demand, Elasticity of Demand, Indifference Curve Analysis
November	Introduction, Concept of Production Function, Laws of Production The Law of Diminishing Marginal Return, Law of Variat Proportions, Law of Return to Scale, Production Function Through Is quant Curve Introduction of Market Structure, Price Determination under Perfect Competition, Price Determination under Monopolistic Competition, Price Determination unc Monopoly, Price Determination under Oligopoly, Pricing Strategies
December	Exams


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LESSON PLAN PERFORMA


Name of Assistant/Associate Professor- Mr. Vishnukant

Paper with Code 19MC-104 Business Environment

Class M Com 1st Sem

Session_2022-23

Month	Name of Topic
September	Business Environment- concept, nature and elements of business environment, Environmental Scanning and forecasting - nature, relevance and techniques of environmental scanning, Economic Reforms in India, Industrial Sickness- Causes and Remedies, MSME- concept, importance and issues
October	State Intervention in Business- Level of Intervention under capitalist economy, need for state intervention and role of state in Economy, Government Policies- Monetary Policy, Fiscal Policy, Industrial Policy- A brief review since independence, Industrial Licensing Policy, EXIM Policy
November	Consumer Protection Act, 1986 Environment Protection Act, 1986 Right to Information Act, 2005 Foreign Exchange Management Act, 1999 International Business- Concept, types, advantage and disadvantage; Foreign investment: Types, significance and limitation, IMF, WTO, World Bank, Regional Economic Groupings- BRICS, SAARC, SAFTA, G-20
December	Exams


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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor-mMs. Pinky Paper with Code

19MC-105 IT Fundamentals Class - M Com 1st Sem.

Session-2022-23

Month	Name of Topic
September	Concepts of Data and Information, Characteristics of Information, IT Cultures, Human Computer Interaction, Introduction to Information Systems and Systems thinking approach, Categories of Information Systems, Operations Support vs Managerial Support Systems, Characteristics and Comparisons of different categories of Information Systems (TPS, MIS, DSS,EIS), Functional Business Processes and Information Systems, Business Process Reengineering with Information Systems
October	Information Systems Impact on Organizations and Business Firms, Information Systems and Organizational Strategy, Concept of Value Chain and Value Web, Economic Impacts, Behavioural and Social Impacts, Implications for the Design of Information Systems, Gaining Competitive Advantage using IT, Illustration using Porters Five Forces Model, Role of Internet in Improving Strategies and Core, Competencies, Traditional Economies vs Networked Economies Ethical and Social Issues related to Information Systems, Professional Code of Conduct, European Directive on Data Protection, Internet and Privacy, Role of Cookies
November	Cross Functional Systems and Enterprise Application Architecture Enterprise Systems, ERP and related implementation issues SCM and CRM (Concepts, Applications and Implementation Issues), Decision Making and Information Systems - DSS and Its Components, Expert Systems and Group Decision Support Systems E-Business and E-Commerce, E-Commerce Business Models and Revenue Models, Advantages and Limitations, M-Commerce and E-Governance, M-Commerce, Services and Applications 399, Designing an e-Commerce Site, Digital Society and Global Market place , Internet of Thing, Web 2.0: Social Networking and the Wisdom of Crowds
December	Exams

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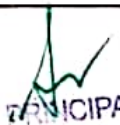
Name of Assistant/Associate Professor - Dr. Promila Dahiya Suhag

Paper with Code **19MC -106**

M.Com 1st

SEMESTER- 1st

Month	Name of Topic
July	Basics of Business Communication: Introduction, Significance, Principles of Effective Communication, Communication Process Types of communication in Organization (Vertical, Horizontal, Formal, Informal/Grapevine) and their suitability with advantages and disadvantages
August	Barriers to Communication: Barriers, their types, Overcoming Barriers to Communication The Importance of Listening in the Workplace: Introduction, Barriers to Listening, Strategies for Effective Listening, Listening in a Business Context Assertiveness: Meaning, Skills, Techniques, Personality Types, Benefits of being assertive, Types of Assertiveness: Passive, Assertive and Aggressive
September	Non-Verbal Communication: Body Language, Functions and Importance, Types, Dress Codes, Paralanguage, Voice Modulations: tone, volume, pitch and pace Presentation Skills and Public Speaking: Introduction, Preparing Successful Management Speech and Presentation, Audience Analysis,
October	Videoconferencing: Use of audio-visual media, Using technology To improve business communications Business Etiquette: Dining Etiquette, Office Etiquette, Email Etiquette, Phone Call Etiquette, Meeting Etiquette: Exchanging Business Cards, Shaking Hands and others Managerial Writing: Introduction, Internal Business Communication: Writing Circulars and Notices. External Business Communication: Writing Business Letters: Introduction, Principles of Business Letter Writing, Types of Business Letters, Format for Business Letters Other External Business Communication: Introduction, Communication with Media through News Releases, Social Media in Business, Communication about the Organization through Advertising Writing Business Reports: Introduction, What is a Report, Types of Business Reports, Format for Business Reports, Steps in Report Preparation. Job application letters: Resume, Covering Letter, Interview Letters.
November	Understanding the job interviewing process: Preparing for an interview, Types of interviews: Selection or Placement interviews, Appraisal Preparing for the Interview, Dressing Up, on the Day of Interview, on the Interview Table and Dress Code At Interview, Interview Mistakes Networking, How to Present Well in Interview, Typical Questions Asked Power Dressing: Introduction and Importance Cross Cultural Business Communication: Cultural differences in international business Ethics in Business Communication, Communicating with difficult people
December	Revision of Full Syllabus. Taking Class Test & Power Point Presentation.
Examination	


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LESSONPLANPERFORMA

Name of Assistant/Associate Professor – Dr. Satbir

Paper with Code – Open Elective II(Yoga, Health & Nutrition)Class- M.com 1st

Session 2022-2023

Month	Name of the Topic
September	Meaning definition dimension and determinants of health, Role of Physical activities in maintaining health Health problem in India, effect of alcohol, tobacco on health, Preventive strategies for obesity, hypertension, coronary heart disease, diabetes in relation to physical activities and lifelong wellness. Meaning & definition of food & nutrition Basic nutrition guideline and role of nutrition in daily life Concept of balanced diet caloric values of food
October	Role of diet in weight management Introduction of Yoga: Meaning & definition Astanga Yoga, Yama, Niyama, Aasana, Pranayama, Prathyahara, Dharama, Dhyana, and Samadhi; Yogic Practice: Place, Time, Clothes, Bathing, Diet before and after Yoga, Surya Namaskar: methods and Benefits
November	Meaning of Asana, its types and principles, Meaning of Pranayama, its types and principles Meaning of Kriyas, its types and principles, Meaning of Bandhas, its types and principles
December	Exams


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LESSON PLAN PERFORMA

Assistant/Associate Professor Mrs. Rinku

th Code 19MC-201 Quantitative Techniques for Business Decision
Com 2nd Sem. Session 2022-23

1	Name of Topic
	<p>Unit-I An Introduction to Decision Making and Quantitative Techniques, Process of Decision Making, Models and Modelling in OR, Introduction to Mean, Mode, Median, S.D.(Basic) Role, Functions, Scope and Limitations of Quantitative Techniques in Business and Industry Correlation Analysis: Simple and Partial Correlation Correlation Analysis: Multiple Correlation Regression Analysis: Simple, Partial and Multiple Regression</p>
	<p>Unit-II Statistical Inference: Theory of Testing of Hypothesis; Statistic and Parameter; Statistical Hypothesis; Tests of Significance, Types of Errors in Testing of Hypothesis Level of Significance; Confidence Limits, One Tailed and Two Tailed Tests Standard Error and its Utility, Degrees of Freedom, Critical Value, Acceptance and Rejection Regions. Procedure for Hypothesis Testing, Sampling tests – Large and small Sample tests – Z-Test, T-Test.</p>
	<p>Unit-III An introduction to Non Parametric Test, Assumptions Techniques of Analysis of Variance, One way classification Two way classification Sign test for Paired Observations, Wilcoxon Signed Rank Test Wald-Wolfo-Witz Test, Kruskal Wallis-Test The Mann-Whitney-U-Test Unit-IV Association of Attributes: Criterion of Independence, Consistency of data X² –Test: Conditions for apply x² – Test Yate's correction Uses of X² Test, Additive Property of X². Misuse of Chi-Square Test and its limitations.</p>


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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor –Mrs. Tanu

Paper with Code 19MC-202 Accounting for Managerial Decisions

Class M Com 2nd Sem. Session _2022-23

Month	Name of Topic
March	Unit-I Management Accounting- Nature and Scope Management Accounting- Significance, Utility, Limitations and Essentials for success Financial Accounting vs Cost Accounting vs Management Accounting Management Accountant: Position and Role Management Accountant: Essential Qualities and Responsibilities
April	Unit-II Contemporary issues in Management Accounting- Value Chain Analysis, Activity Based Accounting Balanced Scorecard- Elements, Advantages and Disadvantages Profit (CVP) Analysis: Contribution Margin Break-Even Analysis Profit Volume (P/V) Analysis
May	Unit-III Standard Costing: Concept, Advantages; Types of Standards Variance Analysis: Materials Variance Analysis: Labour Variance Analysis: Overhead; Managerial Uses of Variances. Transfer Pricing- Concept and Methods Unit-IV Responsibility Accounting- Concept, Objectives, Types of Responsibility Centers, and Pre-requisites Practical Problems related to Responsibility Accounting Ethics in Management Accounting Quality Costing and Total Quality Management- Life Cycle Costing and Learning Curve Model Reporting to Management- Steps for Effective Reporting, Requisites of Ideal Reports, Types of Reports, and Uses
June	Exams


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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor- Dr. Satbir

Paper with Code 19MC-203 Financial Management Class M Com 2nd Sem. Session 2022-23

Month	Name of Topic
March	Unit-I Financial Management- Nature, Scope, Objectives of Financial Management Interface between Finance and Other Business Functions Sources of Finance- on the basis of period, ownership and sources of generation Financial Planning- Objectives, Scope, and Steps in Financial Planning, Capitalization- Over & Under: Causes and Remedies Time Value of Money- Practical Applications of Compounding and Present Value Techniques
April	Unit-II Capital Budgeting- Nature, Process & Importance Capital Budgeting- Techniques & applications Capital Structure Decisions- Financial, Operating & Combined Leverage Capital Structure Theories- NI, NOI, Traditional and M-M approach Capital Rationing- Types, Steps involved and various approaches to capital rationing
May	Unit-III CAPM Approach, Agency Costs Dividend Decision- Concept, Significance of Dividend, Factors affecting the dividend decision Dividend decision models- Walter's Model, Gordon's Model and Modigliani Miller Model and their relevance
June	Unit-IV Working Capital Management- concept, significance, determinants, approaches to working capital management Sources of working capital Cash Management Receivables Management Inventory Management Exams


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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor Ms. Poonam

Paper with Code 19MC-204 E-Commerce Class M Com 2nd Sem. Session 2022-23

Month	Name of Topic
March	Unit-I Meaning and concept of E-Commerce, Elements of E-Commerce E-Commerce practices v/s traditional practices, Benefits and limitation of E-Commerce. Types of E-Commerce system:- B2B, B2C, C2C, C2B, B2G and G2C Service provider, e-distributor, procurement and just in time delivery. Internet and its role in E – Commerce
April	Unit-II Types of an Electronic Payment system- credit cards, Debit card, Smart Cards; Latest Payment Tools- BHIM, UPI, PAYTM, GOOGLE PAY etc E-money Electronic fund Transfer (EFT) System. Security of E-Commerce: Concept and Need of security in E-Commerce Security schemes for an electronic payment systems – Encryptions, Digital, Signature etc.
May	Unit-III Network place v/s Markets place, impact of E –Commerce on market, , online, , Marketing issues in e – marketing , direct marketing one to one marketing consumer shopping procedure on the internet Role of E – Broker, Broker Based service, Online stocks trading and concept of Demat Account E-Auction, E – Ticketing
June	Unit-IV Digital economy:-Concept, Major characteristics, economic rules, Impact of Digital Economy on trading and intermediaries Impact of Digital Economy on business recourses and functional areas in banking, financial and insurance organizations. State of E-commerce in India, problems and opportunities in e-commerce in India, legal issues Future of e-commerce. Revision Test

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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor – Dr. Vishnukant

Paper with Code 19MC-205 Marketing Management Class M Com 2nd Sem Session 2022-23

Month	Name of Topic
March	Unit-I Marketing- Nature, Scope and Importance Marketing Concepts and evolution. Principles of Marketing Management, Selling v/s Marketing Introduction to Marketing Mix and recent developments Marketing Environment- Macro and Micro Elements. Inter-Linkage between Marketing Environment and Marketing Decisions Strategic Planning in Contemporary Marketing
April	Unit-II Consumer Behaviour- Determinants. Buying Decision Process and Models Marketing Segmentation- Concept, Process, Basis of Segmentation Market Targeting and Positioning Product Decisions- Product Line and Product Mix, New Product Development Branding, Packaging and Labelling
May	Unit-III Pricing Decisions- Determinants, Pricing Policies and strategies Process of Price Setting, Promotion Decisions Promotion Mix- Advertising, Determining Advertising Budget, Copy Designing and its Testing Personal Selling and Sales Promotion Publicity and Public Relations
May	Unit-IV Nature, Functions, Types of Distribution Channels and Determinants Distribution Channel Intermediaries and Channel Management Decisions Marketing Research- Process, Marketing Research Online, Marketing Information System (Introduction to Digital Marketing) Marketing, Sustainability and Ethics Recent Trends in Marketing Revision/ Test


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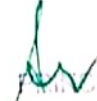
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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor **Mr. Ritesh**

Paper with Code 19MC-206 Computerized Accounting Systems Class **M Com 2nd Sem.**
Session 2022-23

Month	Name of Topic
March	Unit-I Computerized Accounting: - Meaning, need, Concepts of Accounting groups, Hierarchy of accounts, Codification in accounting. Accounting package - Setting up an accounting entity, Creation of groups and accounts Designing and creating vouchers. Data Entry operations using the vouchers. Processing for reports to prepare ledger accounts, trial balance and balance sheet. Identifying and appreciating the data content in accounting transactions; overview of database concepts, ER model Creating and implementing RDM for Financial Accounting; SQL to retrieve data and generate accounting information.
April	Unit-II Introduction to Tally.ERP 9 - Features and enhancement in Tally.ERP 9. Installation procedure & Opening of Tally. ERP9, Components of the Tally.ERP 9 window, Creating a Company. Stock and Godown in Tally.ERP 9 - Stock groups. Stock categories, Stock items, Units of measure, Godowns. Introducing groups. Introducing ledgers. Introducing vouchers. Introducing purchase Introducing invoices
May	Unit-III Working with balance sheet, Working with profit & loss A/c report. Working with analysis stock summary report. Understanding ratio Working with trial balance report, Working with day book report. Payroll - Exploring payroll Tally.ERP 9, Required features to create a pay slip, Description of payroll info. Working with payroll vouchers, Defining payroll reports, working with statements of payroll report, Describing salary disbursement. Unit-IV Taxation - Indian Tax Structure. Tax deducted at source in Tally.ERP 9, Create a Tax Ledger. TDS Vouchers, Printing a TDS Challan, Tax collected at source I Tally.ERP 9, TCS reports in Tally.ERP 9. Calculating VAT in Tally.ERP 9, VAT Classification, VAT Vouchers, VAT Reports in Tally.ERP 9, Service Tax. Calculating GST in Tally.ERP 9.
June	Revision Test


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LESSON PLAN PERFORMA

Post of Assistant Associate Professor - Dr. Promila Dahiya Suhag

Paper with Code - Open Elective I (Swachh Bharat) Class - M. Com 2nd Session-2022-2023

Month	Name of the Topic
September	Unit -I Explain Swacchhata, Ways of awareness for Swachhaw, Personal Hygeine Unit-II Health and Health Education Balance diet and Sanitation practices
October	Unit-III Solid waste management, Segregation, Disposal Non-Biodegradable and Biodegrndable waste
November	Unit-IV ways of campaigning Role of Gram panchayat in Swachhta
December	Exams

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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor – Mr. Saurabh

Paper with Code 19MC-301 Research Methodology
Class M Com 3rd Sem. Session 2022-23

Month	Name of Topic
September	Unit-I Meaning and Significance of Research Types of Research-Basic and Applied Research, Historical Studies, Case Studies, Survey and Experimental Studies Process of Research Research Approaches Research Application in Business Decision, Criteria for Good Research
October	Unit-II Problems Identification and Definition. Process of Problem Identification Developing a Research Proposal Formulation of Research Hypotheses Research Design: Nature of Research Designs, Process of Formulation of Research Design, Features of Good Research Design Classification Of Research Designs: Exploratory, Two Tiered, Experimental And Descriptive.
November	Unit-III Sampling Plan: Universe, Sample Vs. Census, Sample Frame and Sampling Unit, Sample Size Determination, Sampling and Non-Sampling Errors. Sampling Design: Concepts of Sampling Design, Criteria of Good Sampling Design. Data Collection Methods: Classification of Data, Research Online Data Sources Quantities Method of Data Collection: Observation Method, Content Analysis. Focus Group Method, Personal Interview Method and Projective Techniques. Primary Data Collection Methods: Online Surveys, Questionnaire Design Procedure, Research Applications of Primary Data Unit-IV Data Processing and Interpretation: Editing and Coding Classification and Tabulation of Data, Presentation of Results Report Writing: Meaning and Steps of Planning Report Writing Research Report Structure: Principles of Writing, Guidelines for Effective Documentation, Writing and Typing The Report
December	Exams


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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor –Dr. Promila Dahiya Suhag

Subject with Code 19MC-302 Human Resource Management
Class M Com 3rd Sem. Session 2022-23

Month	Name of Topic
September	Unit-I Human Resource Management: Introduction, Nature, Scope, Objectives and Importance of Human Resource Management Functions of Human Resource Management: Managerial and Operative functions, Qualification and Qualities of Human Resource Manager Recent Techniques in Human Resource Management, Evolution and Growth of Human Resource Management in India Recruitment: Concept, Sources/Methods and Techniques of Manpower Supply, Selection: Concept and Procedure
October	Unit-II Training: Concept, Need and Importance of Training, Essentials of a Good Training Programme Methods of Training: On the Job Training and Off the Job Training Development: Concept and Nature of Management Development, Principle of M.D, Methods of M.D Workers Participation in Management: Concept, Need, Objectives and Forms of Workers Participation in Management, Pre-requisites of effective participation. Evaluation of the Scheme of Workers Participation in Management, Essential features, functions and progress of Joint Management Councils in India, Causes of failure of Joint Management Councils.
November	Unit-IV Industrial Relation: Concept, Importance and objectives of Industrial relations, Contents of Industrial Relation, Participation of Industrial relations, Requirements of good industrial relations Programme Industrial Unrest: Concept, form and causes of Industrial disputes. Impact of industrial disputes on the economy Preventive and curative methods and agencies for reconciliation of industrial disputes
December	Exams

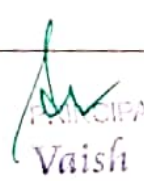

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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor- Mr. Ritesh

Paper with Code 19MC-303 Corporate Law Class M Com 3rd Sem. Session 2022-23

Month	Name of Topic
September	Unit-I Company-Meaning and Characteristics, Type of company Advantages and Disadvantages of Incorporation Lifting of Corporate Veil Formation of Company- Promotion of Company, Function of Promoter, Importance of Promoter, Promoter's Remuneration Legal Status of Promoters, Rights of Promoters- Duties of Promoters, Liabilities of Promoters
October	Unit-II Incorporation and Commencement of Business Prospectus- Definition, Public Offer, Contents, Misleading Prospectus and its Consequences Memorandum of Association- Meaning ,Importance Clauses of Memorandum of Association and their alteration Doctrine of ultra-Vires
November	Unit-III Articles of Association Meaning Contents, Alteration of Articles of Association Constructive Notice and Doctrine of Indoor Management. Borrowing powers, Debenture and Charges Share Capital – Meaning and Allotment of Shares, Transfer of Shares, Types of Shares, Alternation of Share Capital , Buy-Back of Shares,Surrender and Forfeitures of Shares, Bonus Shares Paperless Trading - Benefits and Procedure Unit-IV Winding Up-Meaning, type of winding up Appointment of liquidator, power of Liquidators Duties of Company Liquidator Conduct of winding up Consequences of winding up
December	Exams  PRINCIPAL, Vaish College, BHIWANI

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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor- Dr. Satbir

Paper with Code 19MC-304C Trade and Investment Class M Com 3rd Sem.
Session 2022-23

Month	Name of Topic
September	Unit-I Meaning and Importance of Indian Trade Effects of National Trade on Economic Welfare and Wage Inequality, Foreign Direct Investment Interactions Between Trade and Environmental Concerns Role of Non-Governmental Organisations in Trade Provisions Regarding National Trade
October	Unit-II Meaning and Importance of International Trade Introduction to International Trade Law International Trade Barriers International Trade Theories Documentation in International Trade
November	Unit-III Investment: Meaning, Nature and process of Investment Measurement of Investment Risk and Return Security Exchange Board of India NSE and BSE Overview Introduction to Capital Market Unit-IV International Investment: Types and Motives of International Investment Risk in International Investment Major International Stock Exchanges Security Market Indexes Options and Futures
December	Exams

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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor – Mrs. Tanu

Paper with Code 19MC-305C International Business Operations
Class M Com 3rd Sem. Session 2022-23

Month	Name of Topic
September	Unit-I Scope and Importance of International Business Globalization and its Drivers Modes of Entry into International Business Recent Global Trends in International Trade Structure of International Business Environment
October	Unit-II Theories of International Trade: Introduction Mercantilism Theory and Neo-Factor Proportion Absolute Advantage Theory, Country Similarity Theory Cost Comparative Theory, The New Trade Theory Factor Endowment Theory, International Product Life Cycle Theory, Theory of Competitive Advantage
November	Unit-III Foreign Direct Investment Types of FDI Costs and Benefits of FDI FDI Policy of India Foreign Portfolio Investment Unit-IV GATT, WTO, UNCTAD, IMF, World Bank
December	Exams

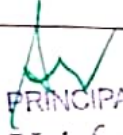
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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor – Mrs. Rinku

Paper with Code 19MC-306C Import-Export documentation Class M Com 3rd Sem.
Session 2022-23

Month	Name of Topic
September	Unit-I An Overview of Legal Framework: Foreign Trade (Development and Regulation) Act, 1992, Foreign Exchange Management Act, 1999, The Customs Act, 1962, Export (Quality Control and Inspection) Act, 1963 Objectives of Export-Import Policy; Registration Formalities and Export Licensing General Provisions regarding Exports and Imports Export Sales Contract: Nature, International Contract Terms; Domestic Sales Contract v/s Export Sales Contract Rights and Duties under Principal Incoterms, General Conditions in Export Contracts
October	Unit-II Rationale of Documents: Commercial, Legal and Incentive Perspective Functions of Export Documents: Commercial Documents Legal Regulatory Documents Documents for Claiming Incentives, Standardised Pre-Shipment Export Documents Import Documents; Performa of Commercial Invoice, Bill of Lading for Combined Transport and Port to Port Shipments, Marine Insurance Certificate
November	Unit-III EDI: Concept, Benefits and Key Components EDI and Bar Coding ; EDI Standards Value Added Network Services, Business Approaches to EDI Processing of Export Order: Nature and Format of Export Order, Examination and Confirmation Export Order, Manufacturing and Procuring Goods Pre-Shipment Inspection, Appointment of Clearing and Forwarding Agents, Transportation of Goods to Port of Shipment, Port Formalities and Custom Clearance, Dispatch of Documents by Forwarding Agent to the Exporter, Certificate of Origin and Shipment Advice, Presentation of Documents to Bank, Claiming Export Incentives, Unit-IV Export Promotion Councils and Commodity Boards, Technical and Specialised Services Assistance Export Assistance in India: Expansion of Production Base for Exports Rendering Exports Price-Competitive, Strengthening Export Marketing Efforts. Export Finance: Pre-Shipment and Post-Shipment, Exports under Deferred Payments Role of EXIM Bank, Recent Developments in Export Financing
December	Exams  PRINCIPAL, Vaish College, BHIWANI

VAISH COLLEGE, BHIWANI

LESSON PLAN PERFORMA

Name of Assistant/ Associate Professor- Mrs. Rinku

Paper with Code 19MC-401 Strategic Management Class M Com 4th Sem.

Session _ 2022-23

Month	Name of Topic
March	Unit-I Concept of Strategy, Levels at which Strategy Operates. Schools of Thoughts of Strategy Formation Process of Strategic Management Roles of Strategists in The Process of Strategic Decision Making Issues in Strategic Decision Making
April	Unit-II Vision, Mission Statement Formulation and Communication of Mission Statement Business Definition, Setting of Goals and Objectives, Identification of Key Success Factors. Environmental Appraisal: Concept of Environment and its Components, Environmental Scanning and Appraisal Organisational Appraisal: Its Dynamics, Considerations, Methods and Techniques, Structuring Organisational Appraisal SWOT Analysis
May	Unit-III Strategy Formulation: Corporate Level Strategies/Grand Strategies, Stability Strategies, Expansion Strategies, Retrenchment Strategic, Combination Strategies Business Level Strategies and Tactics Strategies Analysis and Choice: The Process of Strategic Choice, Corporate Level Strategic Analysis, Business Level Strategic Analysis, Subjective Factors in Strategic Choice, Contingent Strategy, Strategic Plan. Strategy Implementation: Inter Relationship Between Formulation And Implementation Aspects of Strategy Implementation: Project Implementation, Procedural Implementation, Resource Allocation, Strategy and Structures, Behavioural Implementation and Functional Implementation Unit-IV Strategic Evaluation and Control: Meaning and Importance of Strategic Evaluation and Control Techniques of Strategic Evaluation and Control Process of Strategic Evaluation and Control Types of Strategic Evaluation and Control Limitations of Strategic Evaluation and Control

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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor- Mr. Saurabh

Paper with Code 19MC-402 Entrepreneurship Class M Com 3rd Sem. Session 2022-23

Month	Name of Topic
March	Unit-I Entrepreneurship: Concept of Entrepreneur and Entrepreneurship & Models of Entrepreneurship Entrepreneur vs. Manager, Emergence of Entrepreneurship; Role of Entrepreneurship in Economic Development; Economic, Social and Psychological needs for Entrepreneurship; Entrepreneur: Concept, Functions, Qualities and Pre-requisites of an Entrepreneur. Decision Making: Concept, Features & Steps
April	Unit-II Business Venture: Features of Business, Objectives of a business, Qualities of successful business & Structure of Business Venture. Establishment of Entrepreneurial system Business Planning: Nature, Characteristics & Principles of business planning, Business Planning Process Government schemes for Entrepreneurs.
May	Unit-III Business Plan: Features and Process Business Plan: Format Project Appraisal: Economic & Technical Project Appraisal: Managerial & Financial Project Appraisal: Operational & Environmental Unit-IV Women Entrepreneurship: Concept, Problems faced by women entrepreneurs and Measures to solve these problems. Rural Entrepreneurs: Features and Types of Rural Entrepreneurs. Role of Rural Entrepreneurs Government Schemes for Promoting Entrepreneurs: Women, Rural and General Entrepreneurs Process for Starting a Small Business Enterprise in India.
June	Exams

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LESSON PLAN PERFORMA


of Assistant/Associate Professor- Dr. Promila Dahiya Suhag

with Code 19MC-403 Business Ethics and Corporate Governance

Class M Com 4th Sem.

Session _ 2022-23

Month	Name of Topic
March	Unit-I Corporate Governance - Meaning and Significance Emergence of Corporate Governance, Developments in India Regulatory Framework of Corporate Governance in India SEBI Guidelines on Corporate Governance Reforms in the Companies Act
April	Unit-II Corporate Management vs. Governance Internal constituents of Corporate Governance Key Managerial Personnel Qualities of a Chairman, Power, Responsibilities and Duties of a Chairman. Chief Executive Officer, Role and Responsibilities of the CEO
May	Unit-III Business Ethics Nature, Scope, Objectives and Importance of Business Ethics Factors Influencing Business Ethics Arguments for and Against Business Ethics Indian Models of Business Ethics Ethical Principles in Business Unit-IV Ethics in Finance, Ethics in HRM Ethics in Marketing, Ethics in Production and Operation Management Corporate Culture and Business ethics Dimensions of pollution and resources Depletion Contemporary issues in Business Ethics
June	Exams


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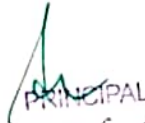
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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor- Mrs. Tanu

Paper with Code 19MC-404C International Financial Management
Class M Com 3rd Sem. Session 2022-23

Month	Name of Topic
March	Unit-I Multinational Corporation, Steps in Internationalization, An overview of International Financial Management- Finance Function in Multinational Firm International Monetary System: Exchange Rate Agreement IMF and International Liquidity Forms of International Financial Flows Structure of Balance of Payments: Equilibrium, Disequilibrium and Adjustment
April	Unit-II Foreign Exchange Market: Spot Exchange Market, Participants in Foreign Exchange Market Exchange Rate Quotations Forward Rate and Forward Market Purchasing Power Parity Relationship Interest Rate Parity Relationship
May	Unit-III Currency Futures Currency Options, Currency Swaps Exchange Rate Exposure: Concept and Types, Exchange Risk Management Unit-IV Raising Funds from International Market Cost of Capital for MNCs Capital Budgeting for Multinationals Working Capital Management for MNCs Corporate Governance around the World
June	Exams


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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor: Mrs. Poonam

**Paper with Code 19MC-405C International Marketing
Class M Com 3rd Sem. Session 2022-23**

Month	Name of Topic
March	Unit-I International Marketing: Meaning, Scope and Objectives Challenges and Opportunities in International Marketing Underlying Forces of International Marketing Strategic Alliances, Direct Investment, Manufacturing and Franchising Export Marketing: Recent Import Export Policy and Procedure
April	Unit-II Export Incentives: Rules for Successful Exporting, Registration of Exporters, Appointing Overseas Agents Obtaining a License International Pricing Decisions: Factors Influencing International Pricing Decisions, Uniform v/s Market by Market Pricing Arranging Finance for Exports Financial and Fiscal Incentives Provided by the Government Foreign Exchange Facilities Offered by EXIM Bank and R.B.I.
May	Unit-III Introduction Machinery of International Business Disputes Legal Concepts Relating to International Business Export Documentation: Various Documents Required for Exporting Export Support Institution: An Overview Legal and Ethical Issues in International Marketing Unit-IV International Marketing Research: Concept of Marketing Research, Need for Marketing Research Scope of International Marketing Research, Approach to Marketing Research Marketing Research Process Marketing Surveys Marketing Information System
June	Exams


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2022-23

VAISH COLLEGE, BHIWANI
LESSON PLAN PERFORMA

Name of Assistant/Associate Professor - Dr. Promila Dahiya Suhag

Paper with Code_ 19MC-403

M.Com 2nd

SEMESTER- IVth

Month	Name of Topic
March	Corporate Governance - Meaning and Significance Emergence of Corporate Governance, Developments in India Regulatory Framework of Corporate Governance in India SEBI Guidelines on Corporate Governance Reforms in the Companies Act.
April	Corporate Management vs. Governance Internal constituents of Corporate Governance Key Managerial Personnel Qualities of a Chairman, Power, Responsibilities and Duties of a Chairman. Chief Executive Officer, Role and Responsibilities of the CEO.
May	Business Ethics Nature, Scope, Objectives and Importance of Business Ethics Factors Influencing Business Ethics Arguments for and Against Business Ethics Indian Models of Business Ethics Ethical Principles in Business.
June	Ethics in Finance, Ethics in HRM Ethics in Marketing, Ethics in Production and Operation Management Corporate Culture and Business ethics Dimensions of pollution and resources Depletion Contemporary issues in Business Ethics.
Examination	

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LESSON PLAN PERFORMA


Name of Assistant/Associate Professor: Mrs. Pooja Rathi

Paper with Code: BCA-101: COMPUTER & PROGRAMMING FUNDAMENTALS

Class: BCA 1st

Session: 2022-2023

Month	Name of the Topic
September	Computer Fundamentals: Generations of Computers, Definition, Block Diagram along with its components, characteristics & classification of computers, Limitations of Computers, Human-Being VS Computer, Applications of computers in various fields. Memory: Concept of primary & secondary memory, RAM, ROM, types of ROM, Cache Memory, flash memory, Secondary storage devices: Sequential & direct access devices viz. magnetic tape, magnetic disk, optical disks i.e. CD, DVD, virtual memory
October	Computer hardware & software: I/O devices, definition of software, relationship between hardware and software, types of software. Overview of operating system: Definition, functions of operating system, concept of multiprogramming, multitasking, multithreading, multiprocessing, time-sharing, real time, single-user & multi-user operating system. Computer Virus: Definition, types of viruses, Characteristics of viruses, anti-virus software.
November	Computer Languages: Analogy with natural language, machine language, assembly language, high-level languages, fourth generation languages, compiler, interpreter, assembler, Linker, Loader, characteristics of a good programming language, Planning the Computer Program: Concept of problem solving, Problem definition, Program design, Debugging, Types of errors in programming, Documentation. Structured programming concepts, Programming methodologies viz. top-down and bottomup programming, Advantages and disadvantages of Structured programming.
December	Overview of Networking: An introduction to computer networking, Network types (LAN, WAN, MAN), Network topologies, Modes of data transmission, Forms of data transmission, Transmission channels(media), Introduction to internet and its uses, Applications of internet, Hardware and Software requirements for internet, Intranet, Applications of intranet
January	Exams


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LESSON PLAN PERFORMA

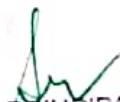
Name of Assistant/Associate Professor: Ms. Pinky

Paper with Code: BCA-102: PC SOFTWARE

Class: BCA 1st

Session 2022-2023

Month	Name of the Topic
September	MS-Windows: Operating system-Definition & functions, basics of Windows. Basic components of windows, icons, types of icons, taskbar, activating windows, using desktop, title bar, running applications, exploring computer, managing files and folders, copying and moving files and folders. Control panel – display properties, adding and removing software and hardware, setting date and time, screensaver and appearance. Using windows accessories.
October	Documentation Using MS-Word - Introduction to word processing interface, Toolbars, Menus, Creating & Editing Document, Formatting Document, Finding and replacing text, Format painter, Header and footer, Drop cap, Auto-text, Autocorrect, Spelling and Grammar Tool, Document Dictionary, Page Formatting, Bookmark, Previewing and printing document, Advance Features of MS-Word-Mail Merge, Macros, Tables, File Management, Printing, Styles, linking and embedding object, Template.
November	Electronic Spread Sheet using MS-Excel - Introduction to MS-Excel, Cell, cell address, Creating & Editing Worksheet, Formatting and Essential Operations, Moving and copying data in excel, Header and footer, Formulas and Functions, Charts, Cell referencing, Page setup, Macros, Advance features of MS-Excel-Pivot table & Pivot Chart, Linking and Consolidation, Database Management using Excel-Sorting, Filtering, Validation, What if analysis with Goal Seek, Conditional formatting.
December	Presentation using MS-PowerPoint: Presentations, Creating, Manipulating & Enhancing Slides, Organizational Charts, Excel Charts, Word Art, Layering art Objects, Animations and Sounds, Inserting Animated Pictures or Accessing through Object, Inserting Recorded Sound Effect or In-Built Sound Effect.
January	Exams


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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor: Mr. Shivraj

Paper with Code: BCA-103: MATHEMATICS

Class: BCA 1st

Session: 2022-2023

Month	Name of the Topic
September	SETS: Sets, Subsets, Equal Sets Universal Sets, Finite and Infinite Sets, Operation on Sets, Union, Intersection and Complements of Sets, Cartesian Product, Cardinality of Set, Simple Applications. DETERMINANTS: Definition, Minors, Cofactors, Properties of Determinants, Applications of determinants in finding area of triangle, Solving a system of linear equations. MATRICES: Definition, Types of Matrices, Addition, Subtraction, Scalar Multiplication and Multiplication of Matrices, Adjoint, Inverse, solving system of linear equation Cramer's Rule.
October	RELATIONS AND FUNCTIONS: Properties of Relations, Equivalence Relation, Partial Order Relation Function: Domain and Range, Onto, Into and One to One Functions, Composite and Inverse Functions. LIMITS & CONTINUITY: Limit at a Point, Properties of Limit, Computation of Limits of Various Types of Functions, Continuity of a function at a Point, Continuity Over an Interval, Sum, product and quotient of continuous functions, Intermediate Value Theorem, Type of Discontinuities
November	DIFFERENTIATION: Derivative of a function, Derivatives of Sum, Differences, Product & Quotient of functions, Derivatives of polynomial, trigonometric, exponential, logarithmic, inverse trigonometric and implicit functions, Logarithmic Differentiation, Chain Rule and differentiation by substitution.
December	INTEGRATION: Indefinite Integrals, Methods of Integration by Substitution, By Parts, Partial Fractions, Integration of Algebraic and Transcendental Functions, Reduction Formulae for simple and Trigonometric Functions, Definite Integral as Limit of Sum, Fundamental Theorem of Integral Calculus, Evaluation of definite integrals by substitution, using properties of definite integral
January	Exams


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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor: Mr. Pankaj Dixit

Paper with Code : BCA-104 : DIGITAL ELECTRONICS

Class: BCA 1st

Session: 2022-2023

Month	Name of the Topic
September	Information Representation: Number Systems, Binary Arithmetic, Fixed-point and Floatingpoint representation of numbers, BCD Codes, Error detecting and correcting codes, Character Representation – ASCII, EBCDIC, Unicode
October	Binary Logic: Boolean Algebra, Boolean Theorems, Boolean Functions and Truth Tables, Canonical and Standard forms of Boolean functions, Simplification of Boolean Functions – Venn Diagram, Karnaugh Maps.
November	Digital Logic: Introduction to digital signals, Basic Gates – AND, OR, NOT, Universal Gates and their implementation – NAND, NOR, Other Gates – XOR, XNOR etc. NAND, NOR, AND-OR-INVERT and OR-AND-INVERT implementations of digital circuits, Combinational Logic – Characteristics, Design Procedures, analysis procedures, Multilevel NAND and NOR circuits.
December	Combinational Circuits: Half-Adder, Full-Adder, Half-Subtractor, Full-Subtractor, Parallel binary adder/subtractor, Encoders, Decoders, Multiplexers, Demultiplexers, Comparators, Code Converters, BCD to Seven-Segment Decoder
January	Exams


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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor: Mrs. Bhawna

Paper with Code : BCA-106 : PROGRAMMING IN C

Class: BCA 1st

Session 2022-2023

Month	Name of the Topic
March	Overview of C: History of C, Importance of C. Elements of C: C character set, identifiers and keywords, Data types, Constants and Variables, Assignment statement, Symbolic constant, Structure of a C Program, printf(), scanf() Functions, Operators & Expression: Arithmetic, relational, logical, bitwise, unary, assignment, shorthand assignment operators, conditional operators and increment and decrement operators, Arithmetic expressions, evaluation of arithmetic expression, type casting and conversion, operator hierarchy & associativity.
April	Decision making & branching: Decision making with IF statement, IF-ELSE statement, Nested IF statement, ELSE-IF ladder, switch statement, goto statement. Decision making & looping: For, while, and do-while loop, jumps in loops, break, continue statement, Nested loops Functions: Standard Mathematical functions, Input/output: Unformatted & formatted I/O function in C, Input functions viz. getch(), getche(), getchar(), gets(), output functions viz., putchar(), puts(), string manipulation functions. User defined functions: Introduction/Definition, prototype, Local and global variables, passing parameters, recursion.
May	Arrays, strings and pointers: Definition, types, initialization, processing an array, passing arrays to functions, Array of Strings. String constant and variables, Declaration and initialization of string, Input/output of string data, Introduction to pointers. Storage classes in C: auto, extern, register and static storage class, their scope, storage, & lifetime. Algorithm development, Flowcharting and Development of efficient program in C.
June	Exams

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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor: Mrs. Deepika

Paper with Code : BCA-107: COMPUTER ORGANISATION & ARCHITECTURE

Class: BCA 1st

Session: 2022-2023

Month	Name of the Topic
March	Sequential Logic: Flip-flops, Triggering of Flip-flops, Analysis of clocked sequential circuits, State reduction and Assignment, Flip-flop excitation, Design of counters, Design with state equations. Overview of Register Transfer and Microoperations: Register Transfer Language, Register transfer, Bus and Memory transfer, Arithmetic Micro-operations, Logic Micro-operations, Shift Micro-operations, Arithmetic Logic Shift Unit
April	Basic Computer Organization and Design: Instruction codes, Computer registers, Computer instructions, Timing and Control, Instruction cycle, Memory-Reference Instructions, Design Basic computer, Design of Accumulator Unit. Central Processing Unit: Introduction, General Register Organization, Stack Organization, Instruction format, Addressing Modes, Data transfer and manipulation, Program Control, Reduced Instruction Set Computer (RISC). Pipeline Processing: Pipeline and Vector Processing, Parallel processing, Pipelining, Arithmetic Pipeline, Instruction pipeline and Arrays Processors.
May	Input/Output Organization: Asynchronous Data Transfer, Programmed I/O (concepts only); Interrupts: Types of interrupts, processing interrupts, interrupt hardware and priority, DMA: DMA Controller, DMA Transfer Modes; I/O Processor
June	Exams


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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor: Mrs. Kirti

Paper with Code : BCA-108 : OPERATING SYSTEM

Class: BCA 1st

Session 2022-2023

Month	Name of the Topic
March	Fundamentals of Operating system: Introduction of Operating System, its need and operating System services, Early systems, Structures - Simple Batch, Multi programmed, timeshared, Personal Computer, Paralel, Distributed Systems, Real-Time Systems. Process Management: Process concept, Operation on processes, Cooperating Processes, Threads, and Inter-Process Communication.
April	PU Scheduling: Basic concepts, Scheduling criteria, Scheduling algorithms: FCFS, SJF, Round Robin & Queue Algorithms. Deadlocks: Deadlock characterization, Methods for handling deadlocks, Banker's Algorithm. Memory Management: Logical versus Physical address space, Swapping, Contiguous alocation, Paging, Segmentation. Virtual Memory: Demand paging, Performance of demand paging, Page replacement, Page replacement algorithms, Thrashing.
May	File management: File system Structure, Alocation methods: Contiguous alocation, linked alocation, Indexed alocation, Free space management: Bit vector, linked list, Grouping, Counting. Device Management: Disk structure, Disk scheduling: FCFS, SSTE, SCAN, C-SCAN, LOOK, C-LOOK.
June	Exams


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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor: Mrs. Pooja Rathi

Paper with Code : BCA-109 : Structured Systems Analysis and Design

Class: BCA 1st

Session 2022-2023

Month	Name of the Topic
March	Introduction to system, Definition and characteristics of a system, Elements of system, Types of system, System development life cycle, Role of system analyst, Analyst/user interface, System planning and initial investigation: Introduction, Bases for planning in system analysis, Sources of project requests, Initial investigation, Fact finding, Information gathering, information gathering tools, Fact analysis, Determination of feasibility
April	Structured analysis, Tools of structured analysis: DFD, Data dictionary, Flow charts, Gantt charts, decision tree, decision table, structured English, Pros and cons of each tool, Feasibility study: Introduction, Objective, Types, Steps in feasibility analysis, Feasibility report, Oral presentation, Cost and benefit analysis: Identification of costs and benefits, classification of costs and benefits, Methods of determining costs and benefits, Interpret results of analysis and take final action.
May	System Design: System design objective, Logical and physical design, Design Methodologies, structured design, Form-Driven methodology(IPO charts), structured walkthrough, Input/Output and form design: Input design, Objectives of input design, Output design, Objectives of output design, Form design, Classification of forms, requirements of form design, Types of forms, Layout considerations, Form control. System testing: Introduction, Objectives of testing, Test plan, testing techniques/Types of system tests, Quality assurance goals in system life cycle, System implementation, Process of implementation, System evaluation, System maintenance and its types, System documentation, Forms of documentation
June	Exams


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LESSON PLAN PERFORMA

Teacher's Name: Mrs. Rinku

Subject: Environmental Studies 21EV5100

Class: HCA 1stsem

Session: 2022-2023

Month	Name of the Topic
September	<p>Unit 1 The Multidisciplinary nature of environmental studies Definition, scope and importance Need for public awareness.</p> <p>Unit 2 Renewable and non-renewable resources: Natural resources and associated problems: a. Forest resources: Use and over-exploitation, deforestation, case studies, Timber extraction, mining, dams and their effects on forests and tribal people b. Water resources: Use and over-utilization of surface and ground water, floods, drought, conflicts over water, dams-benefits and problems. c) Mineral resources: Use and exploitation, environmental effects of extracting and using mineral resources, case studies. d) Food resources: World food problems, changes caused by agriculture and overgrazing, effects of modern agriculture, fertilizer-pesticide problems. water logging, salinity, case studies e) Energy resources. Growing energy needs, renewable and non renewable energy sources, use of alternate energy sources. Case studies. i) Land resources. Land as a resource, land degradation, man induced landslides, soil erosion and desertification. Role of an individual in conservation of natural resources. Equitable use of resources for sustainable lifestyles. for sustainable lifestyles. Ecosystems</p>
October	<p>Unit 3 Concept of an ecosystem. Structure and function of an ecosystem. Producers, consumers and decomposers. Energy flow in the ecosystem. Ecological succession. Food chains, food webs and ecological pyramids.</p>

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	<p>Introduction, types, characteristic features, structure and function of the following ecosystem-</p> <ol style="list-style-type: none"> Forest ecosystem Grassland ecosystem Desert ecosystem Aquatic ecosystems (ponds, streams, lakes, rivers, oceans, estuaries) <p>Biodiversity and its conservation</p> <p>Unit 4</p> <p>Introduction Definition: genetic, species and ecosystem diversity. Biogeographically classification of India Value of biodiversity consumptive use, productive use, social, ethical, aesthetic and option values Biodiversity at global, National and local levels. India as a mega-diversity nation Hot-spots of biodiversity Threats to biodiversity habitat loss, poaching of wildlife, man-wildlife conflicts. Endangered and endemic species of India Conservation of biodiversity: In-situ and Ex-situ conservation of biodiversity. Environmental Pollution Definition</p>
<p>November</p>	<p>Unit 5</p> <p>Causes, effects and control measures of:-</p> <ol style="list-style-type: none"> Air pollution Water pollution Soil pollution Marine pollution Noise pollution Thermal pollution Nuclear hazards <p>Solid waste Management: Causes, effects and control measures of urban and industrial wastes. Role of an individual in prevention of pollution. Pollution case studies. Disaster management: floods. earthquake. cyclone and landslides.</p> <p>Unit 6</p> <p>Social Issues and the Environment From Unsustainable to Sustainable development Urban problems related to energy Water conservation, rain water harvesting, watershed management Resettlement and rehabilitation of people: its problems and concerns. Case studies. Environmental ethics: Issues and possible solutions. Climate change, global warming, acid rain, ozone layer depletion, nuclear accidents and holocaust. Case studies. Wasteland reclamation. Consumerism and waste products.</p> <p>LL</p> <p>Environment Protection Act. Air (Prevention and Control of Pollution) Act. Water (Prevention and control of Pollution) Act Wildlife Protection Act Forest Conservation Act Issues involved in enforcement of environmental legislation.</p>

<p>December</p>	<p>Public awareness.</p> <p>Unit 7 Human Population and the Environment Population growth, Variation among nations, Population explosion Family Welfare Programme, Environment and human health, Human Rights, Value Education, HIV AIDS, Women and Child Welfare, Role of Information Technology in Environment acid human health, Field work</p> <p>Unit 8</p> <p>Visit to a local area to document environmental assets river/forest grassland/hill/ mountain Visit to a local polluted site Urban Rural Industrial/Agricultural Study of common plants, insects, birds, Study of simple ecosystems-pond, river, hill slopes, etc.</p>
<p>January</p>	<p>Exams</p>

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VAISH COLLEGE, BHIWANI

LESSON PLAN PERFORMA

Name of Assistant/Associate Professor: Mrs. Rinku

Paper with Code : 21ENGI1001 : COMMUNICATIVE ENGLISH

Class: BCA 1st

Session 2022-2023

Month	Name of the Topic
March	Parts of Speech: Noun, Pronoun, Adjective, Verb, Adverb, Conjunction, Interjection, Identifying parts of speech, 20 commonly used verb patterns, Common errors. Public speaking: Introduction, Welcome and introductory speech, Vote of thanks speech, Farewell speech, Audience analysis.
April	Listening & Speaking: Hearing and Listing, Barriers of Listening, Academic Listening Conversational English: Greeting and Introducing, Making Requests, Asking for and Giving Permission, Offering Help, Giving Instructions and Directions, Arts of Small Talk Speech and Oration: Making a Short Formal Speech, Describing People, Places, Events and Things
May	Conversational Practices in Various Situations: Meeting, parting, at railway station, buying at shops, asking about buses, travelling by bus, Using expressions of time, talking about money, identifying people, at the bank, at the grocery store, immediate family and relatives, hiring a taxi, talking about weather/weather conditions, ordering food, dinner conversations, at the doctor's clinic, quitting and finding jobs, office conversations, conversations about school/college/university, the English class
June	Exams

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VAISHI COLLEGE, BHIVANI

LESSON PLAN PERFORMA

Name of Assistant/Associate Professor: Mrs. Aisha

Paper with Code: BCA-201: INTRODUCTION TO OPERATING SYSTEM

Class: BCA 2nd

Session: 2022-2023

Month	Name of the Topic
September	Fundamentals of Operating system: Introduction to Operating System, its need and operating System services, Early systems, Structures - Simple Batch, Multi programmed, timeshared, Personal Computer, Parallel, Distributed Systems, Real-Time Systems.
October	Process Management: Process concept, Operation on processes, Cooperating Processes, Threads, and Inter-process Communication. CPU Scheduling: Basic concepts, Scheduling criteria, Scheduling algorithms : FCFS, SJF, Round Robin & Queue Algorithms.
November	Deadlocks: Deadlock characterization, Methods for handling deadlocks, Banker's Algorithm. Memory Management: Logical versus Physical address space, Swapping, Contiguous allocation, Paging, Segmentation. Virtual Memory: Demand paging, Performance of demand paging, Page replacement, Page replacement algorithms, Thrashing
December	File management: File system Structure, Allocation methods: Contiguous allocation, Linked allocation, Indexed allocation, Free space management: Bit vector, Linked list, Grouping, Counting. Device Management: Disk structure, Disk scheduling: FCFS, SSTF, SCAN, C-SCAN, LOOK, C-LOOK.
January	Exams

VAISHI COLLEGE, BHIVANI

LESSON PLAN/PERFORMA


Name of Assistant/Associate Professor: Mrs. Kirti Saneja

Paper with Code: HCA-202: DATA STRUCTURE-I

Class: HCA 2nd

Session 2022-2023

Month	Name of the Topic
September	Introduction: Elementary data organization, Data Structure definition, Data type vs. data structure, Categories of data structures, Data structure operations, Applications of data structures, Algorithms complexity and time-space tradeoff, Big-O notation. Strings: Introduction, Storing strings, String operations, Pattern matching algorithms.
October	Arrays: Introduction, Linear arrays, Representation of linear array in memory, address calculations, Traversal, Insertions, Deletion in an array, Multidimensional arrays, Parallel arrays, Sparse arrays. Linked List: Introduction, Array vs. linked list, Representation of linked lists in memory, Traversal, Insertion, Deletion, Searching in a linked list, Header linked list, Circular linked list, Two-way linked list, Threaded lists, Garbage collection, Applications of linked lists.
November	Stack: Introduction, Array and linked representation of stacks, Operations on stacks, Applications of stacks: Polish notation, Recursion. Queues: Introduction, Array and linked representation of queues, Operations on queues, Deques, Priority Queues, Applications of queues.
December	Tree: Introduction, Definition, Representing Binary tree in memory, traversing binary trees, Traversal algorithms using stacks. Graph: Introduction, Graph theory terminology, Sequential and linked representation of graphs.
January	Exams


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VAISHI COLLEGE, BHIVANI

LESSON PLAN PERFORMANCE

Name of Assistant/Associate Professor : Mrs. Deepika

Paper with Code: BCA-203: INTRODUCTION TO DATABASE SYSTEM

Class: BCA 2nd

Session: 2022-2023

Month	Name of the Topic
September	Basic Concepts – Data, Information, Records and files, Traditional file –based Systems-File Based Approach-Limitations of File Based Approach, Database Approach-Characteristics of Database Approach, advantages and disadvantages of database system, components of database system, Database Management System (DBMS), Components of DBMS Environment, DBMS Functions and Components, DBMS users, Advantages and Disadvantages of DBMS, DBMS languages, Roles in the Database Environment - Data and Database Administrator, Database Designers, Applications Developers and Users.
October	Database System Architecture – Three Levels of Architecture, External, Conceptual and Internal Levels, Schemas, Mappings and Instances. Data Independence – Logical and Physical Data Independence . Classification of Database Management System, Centralized and Client Server architecture to DBMS. Data Models: Records- based Data Models, Object-based Data Models, Physical Data Models and Conceptual Modeling.
November	Entity-Relationship Model – Entity Types, Entity Sets, Attributes Relationship Types, Relationship Instances and ER Diagrams, abstraction and integration. Basic Concepts of Hierarchical and Network Data Model, Relational Data Model:- Brief History, Relational Model Terminology-Relational Data Structure, Database Relations, Properties of Relations, Keys, Domains, Integrity Constraints over Relations.
December	Relational algebra, Relational calculus, Relational database design: Functional dependencies, Modification anomalies, 1st to 3rd NFs, BCNF, 4th and 5th NFs, computing closures of set FDs, SQL: Data types, Basic Queries in SQL, Insert, Delete and Update Statements, Views, Query processing: General strategies of query processing, query optimization, query processor, concept of security, concurrency and recovery.
January	Exams

VAISH COLLEGE, BHIVANI

LESSON PLAN PERFORMANCE

Name of Assistant/Associate Professor - Dr. Promila Dahya Suhag

Semester with Code

BCA-204

BCA 2nd

SEMESTER- IIIrd

Month	Name of Topic
September	Introduction to Basics of Communication: Communication and its various definition, features/characteristics of the communication, process of communication, communication model and theories, barrier to effective communication.
October	Improving LSRW: introduction, verbal and nonverbal communication, listening process, group discussion, forms of oral presentation, self-presentation, dyadic communication, 5C's of communication, Developing dialogues, soft skill.
November	Basic vocabulary: how to improve vocabulary, prefix/suffix, synonyms/antonyms, one word substitution, spellings
December	Developing fluency: grammar (conjunction, auxiliaries, prepositions, articles, tenses), language games.
January	Proper use of Language: The Communication Skills, The effective Speech. Effective self-presentation & facing interview: The interview process & preparing for it, The presentation skills.
February	Revision of Full Syllabus. Taking Class Test & Power Point Presentation.
Examination	


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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor: Ms. Kirti Sanjia

Paper with Code: BCA-206: 'WEB DESIGNING'

Class: BCA 2nd

Session 2022-2023

Month	Name of the Topic
March	Introduction to Internet and World Wide Web; Evolution and History of World Wide Web; Basic features; Web Browsers; Web Servers; Hypertext Transfer Protocol, Overview of TCP/IP and its services; URLs; Searching and Web-Casting Techniques; Search Engines and Search Tools. Web Publishing: Hosting your Site; Internet Service Provider; Web terminologies, Phases of Planning and designing your Web Site; Steps for developing your Site
April	Choosing the contents; Home Page; Domain Names, Front page views, Adding pictures, Links, Backgrounds, Relating Front Page to DHTML. Creating a Website and the Markup Languages (HTML, DHTML). Web Development: Introduction to HTML: Hypertext and HTML; HTML Document Features; HTML command Tags; Creating Links; Headers; Text styles; Text Structuring; Text colors and Background; Formatting text; Page layouts
May	Images; Ordered and Unordered lists; Inserting Graphics; Table Creation and Layouts; Frame Creation and Layouts; Working with Forms and Menus; Working with Radio Buttons; Check Boxes; Text Boxes; DHTML: Dynamic HTML, Features of DHTML, CSSP(cascading style sheet positioning) and JSSS(JavaScript assisted style sheet), Layers of netscape, The ID attributes, DHTML events.
June	Exams

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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor: Dr. Promila Suhag

paper with Code: 18CS100: COMMUNICATION SKILLS

Class: BCA 2nd

Session 2022-2023

Month	Name of the Topic
March	Human Communication, Verbal and Non Verbal Communication, Barriers to communication; the seven Cs of effective communication. Preparing for interviews, CV/ Bio-data, Group Discussion, Public Speaking, Mass Communication. Common Courtesies, Introducing Oneself Formally and Informally, Introducing Oneself on Social Media; Speaking Strategies: Making Enquiries, Clarifications, Recommendations, Explanations, Rejections, etc.;; Being Diplomatic; Telephonic Communication. Conversational Practice in Various Situations:
April	Meeting, parting, asking/talking about daily activities, at railway station, seeking information, buying at shops, asking about buses, travelling by bus, using expressions of time, talking about money, identifying people, at the post office, at the bank, at the grocery store, immediate family and relatives, hiring a taxi, talking about weather/weather conditions, breakfast or lunch at a restaurant, ordering food, dinner conversations, at the doctors clinic, quitting and finding jobs, office conversations. conversations about school/college/university, the English class, driving a car. Students shall develop dialogue-based conversations on the above-mentioned situations.
May	Personality Development Skills: Personal Grooming: Assertiveness; Improving Self-Esteem: Significance of Critical Thinking: Confidence Building; SWOC analysis.
June	Emotional intelligence: Recognizing and Managing Emotions and Situations; Stress and Anger Management, Positive Thinking; Developing Sense of Humour. Exams

VAISHI COLLEGE, BHIWANI

LESSON PLAN PERFORMA

: of Assistant/Associate Professor: Mrs. Pooja Rathni

: with Code: BCA-207: DATA STRUCTURE-II

: BCA 2nd

Session: 2022-2023

Month	Name of the Topic
March	Tree: Header nodes, Threads, Binary search trees, Searching, Insertion and deletion in a Binary search tree, AVL search trees, Insertion and deletion in AVL search tree, m-way search tree, Searching, Insertion and deletion in an m-way search tree, B-trees, Searching, Insertion and deletion in a B-tree, B+tree, Huffman's algorithm, General trees.
April	Graphs: Warshall's algorithm for shortest path, Dijkstra algorithm for shortest path, Operations on graphs, Traversal of graph, Topological sorting. Sorting: Internal & external sorting, Radix sort, Quick sort, Heap sort, Merge sort, Tournament sort, Searching: Linear search, binary search, merging, Comparison of various sorting and searching algorithms on the basis of their complexity.
May	Files: Physical storage devices and their characteristics, Attributes of a file viz fields, records, Fixed and variable length records, Primiry and secondary keys, Classification of files, File operations, Comparison of various types of files. File organization: Serial, Sequential, Indexed-sequential, Random-access/Direct, Inverted, Multilist file organization. Hashing: Introduction, Hashing functions and Collision resolution methods .
June	Exams


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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor: Mrs. Deepika

Paper with Code: BCA-208: OBJECT ORIENTED PROGRAMMING USING C++

Class: BCA 2nd

Session 2022-2023

Month	Name of the Topic
March	Object Oriented Programming Concepts : Procedural Language and Object Oriented approach, Characteristics of OOP, user defined types, polymorphism and encapsulation. Getting started with C++: syntax, data types, variables, strings, function, namespace and exception, operators, flow control, recursion, array and pointer, structure.
April	Abstracting Mechanism: classes, private and public, Constructor and Destructor , member function, static members, references Memory Management : new, delete, object copying, copy constructor, assignment operator, this input/output. Inheritance and Polymorphism: Derived Class and Base Class, Different types of Inheritance
May	Overriding member function, Abstract Class, Public and Private Inheritance, Ambiguity in Multiple inheritance , Virtual function, Friend function, Static function. Exception Handling: Exception and derived class, function exception declaration, unexpected exception, exception when handling exception, resource capture and release.
June	Template and Standard Template Library: Template classes, declaration, template functions, namespace, string, iterators, hashes, iostreams and other types. Exams

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VAISHI COLLEGE, BHIVANI

LESSON PLAN PERFORMA

Name of Assistant/Associate Professor: Mrs. Aisha

Paper with Code: BCA-209: SOFTWARE ENGINEERING

Class: BCA 2nd

Session 2022-2023

Month	Name of the Topic
March	Introduction: Software Crisis, Software Processes & Characteristics, Software life cycle models, Waterfall, Prototype, Evolutionary and Spiral Models. Software Requirements Analysis & Specifications: Requirement engineering, requirement elicitation techniques like FAST, QFD, requirements analysis using DFD, Data dictionaries & ER Diagrams, Requirements documentation, Nature of SRS, Characteristics & organization of SRS.
April	Software Project Management Concepts: The Management spectrum, The People The Problem, The Process, The Project. Software Project Planning: Size Estimation like lines of Code & Function Count, Cost Estimation Models, COCOMO, Risk Management. Software Design: Cohesion & Coupling, Classification of Cohesiveness & Coupling, Function Oriented Design, Object Oriented Design, Software Metrics: Software measurements: What & Why, Token Count, Halstead Software Science Measures, Design Metrics, Data Structure Metrics
May	Software Implementation: Relationship between design and implementation, Implementation issues and programming support environment, Coding the procedural design, Good coding style. Software Testing: Testing Process, Design of Test Cases, Types of Testing, Functional Testing, Structural Testing, Test Activities, Unit Testing, Integration Testing and System Testing, Debugging Activities. Software Maintenance: Management of Maintenance, Maintenance Process, Reverse Engineering, Software Re-engineering, Configuration Management, Documentation
June	Exams

VAISH COLLEGE, BHWANI

LESSON PLAN PERFORMANCE

Name of Assistant/Associate Professor: Mrs. Aisha

Paper with Code: BCA-301 : MANAGEMENT INFORMATION SYSTEM

Class : BCA 3rd

Session: 2022-2023

Month	Name of the Topic
September	Introduction to system and Basic System Concepts, Types of Systems, The Systems Approach, Information System: Definition & Characteristics, Types of information, Role of Information in Decision-Making, Sub-Systems of an Information system: EDP and MIS management levels, EDP/MIS/DSS.
October	An overview of Management Information System: Definition & Characteristics, Components of MIS, Frame Work for Understanding MIS: Information requirements & Levels of Management, Simon's Model of decision-Making. Structured Vs Un-structured decisions, Formal vs. Informal systems
November	Developing Information Systems: Analysis & Design of Information Systems: Implementation & Evaluation, Pitfalls in MIS Development.
December	Functional MIS: A Study of Personnel, Financial and production MIS, Introduction to e- business systems, ecommerce – technologies, applications, Decision support systems Support systems for planning, control and decision-making
January	Exams

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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor: Mrs. Deepika

Paper with Code: BCA-302: COMPUTER GRAPHICS

Class: BCA 3rd

Session 2022-2023

Month	Name of the Topic
September	Graphics Primitives: Introduction to computer graphics. Basics of Graphics systems. Application areas of Computer Graphics, overview of graphics systems. video-display devices, and raster-scan systems, random scan systems, graphics monitors and workstations and input devices. Output Primitives: Points and lines, line drawing algorithms, mid-point circle and ellipse algorithms. Filled area primitives: Scan line polygon fill algorithm, boundary fill and flood- fill algorithms.
October	2-D Geometrical Transforms: Translation, scaling, rotation, reflection and shear transformations, matrix representations and homogeneous coordinates, composite transforms, transformations between coordinate systems. 2-D Viewing: The viewing pipeline, viewing coordinate reference frame, window to view- port coordinate transformation, viewing functions, Cohen-Sutherland and Cyrus-beck line clipping algorithms, Sutherland –Hodgeman polygon clipping algorithm.
November	3-D Object Representation: Polygon surfaces, quadric surfaces, spline representation, Hermite curve, Bezier curve and B-Spline curves, Bezier and B-Spline surfaces. Basic illumination models, polygon-rendering methods.
December	3-D Geometric Transformations: Translation, rotation, scaling, reflection and shear transformations, composite transformations. 3-D Viewing: Viewing pipeline, viewing coordinates, view volume and general projection transforms and clipping.
January	Exams

VAISHI COLLEGE, BHIWANI

LESSON PLAN PERFORMANCE

Name of Assistant/Associate Professor: Ms. Pinky

Paper with Code: BCA-303: DATA COMMUNICATION AND NETWORKING

Class: BCA 3rd

Session: 2022-2023

Month	Name of the Topic
September	Introduction to Computer Communications and Networking Technologies; Uses of Computer Networks; Network Devices, Nodes, and Hosts; Types of Computer Networks and their Topologies; Network Software: Network Design issues and Protocols; Connection-Oriented and Connectionless Services; Network Applications and Application Protocols; Computer Communications and Networking Models: Decentralized and Centralized Systems, Distributed Systems, Client/Server Model, Peer-to-Peer Model, Web-Based Model, Network Architecture and the OSI Reference Model, TCP/IP reference model, Example Networks: The Internet, X.25, Frame Relay, ATM.
October	Analog and Digital Communications Concepts: Concept of data, signal, channel, bitrate, maximum data-rate of channel, Representing Data as Analog Signals, Representing Data as Digital Signals, Data Rate and Bandwidth, Capacity, Baud Rate; Asynchronous and synchronous transmission, data encoding techniques, Modulation techniques, Digital Carrier Systems; Guided and Wireless Transmission Media: Communication Satellites; Switching and Multiplexing; Dialup Networking; Analog Modern Concepts; DSL Service.
November	Data Link Layer: Framing, Flow Control, Error Control; Error Detection and Correction; Sliding Window Protocols; Media Access Control: Random Access Protocols, Token Passing Protocols; Token Ring; Introduction to LAN technologies: Ethernet, switched Ethernet, VLAN, fast Ethernet, gigabit Ethernet, token ring, FDDI, Wireless LANs; Bluetooth; Network Hardware Components: Connectors, Transceivers, Repeaters, Hubs, Network Interface Cards and PC Cards, Bridges, Switches, Routers, Gateways.
December	Network Layer and Routing Concepts: Virtual Circuits and Datagrams; Routing Algorithms: Flooding, Shortest Path Routing, Distance Vector Routing; Link State Routing, Hierarchical Routing; Congestion Control Algorithms; Internetworking; Network Security Issues: Security threats; Encryption Methods; Authentication; Symmetric – Key Algorithms; Public-Key Algorithms.
January	Exams

VAISHI COLLEGE, BHIVANI

LESSON PLAN/PERFORMA

Name of Assistant/Associate Professor: Mrs. Kirti Saneja

Paper with Code : BCA-304 : VISUAL BASIC

Class: BCA 3rd

Session: 2022-2023

Month	Name of the Topic
September	Introduction to VB: Visual & non-visual programming, Procedural, Object-oriented and event driven programming languages, The VB environment: Menu bar, Toolbar, Project explorer, Toolbox, Properties window, Form designer, Form layout, Immediate window. Visual Development and Event Driven programming.
October	Basics of Programming: Variables: Declaring variables, Types of variables, converting variables types, User-defined data types, Forcing variable declaration, Scope & lifetime of variables. Constants: Named & intrinsic. Operators: Arithmetic, Relational & Logical operators. I/O in VB: Various controls for I/O in VB, Message box, Input Box, Print statement.
November	Programming with VB: Decisions and conditions: If statement, If-then-else, Select-case. Looping statements: Do-loops, For-next, While-wend, Exit statement. Nested control structures. Arrays: Declaring and using arrays, one-dimensional and multi-dimensional arrays, Static & dynamic arrays, Arrays of array. Collections: Adding, Removing, Counting, returning items in a collection, Processing a collection.
December	Programming with VB: Procedures: General & event procedures, Subroutines, Functions, calling procedures, Arguments- passing mechanisms, Optional arguments, Named arguments, Functions returning custom data types, Functions returning arrays. Working with forms and menus: Adding multiple forms in VB, Hiding & showing forms, Load & unload statements, creating menu, submenu, popup menus, Activate & deactivate events, Form-load event, menu designing in VB Simple programs in VB.
January	Exams

VAISHI COLLEGE, BHIWANI

LESSON PLAN PERFORMANCE

Name of Assistant/Associate Professor: Ms. Shivani

Paper with Code: BCA-306: E-COMMERCE

Class: BCA 3rd

Session 2022-2023

Month	Name of the Topic
March	Electronic Commerce: Overview of Electronic Commerce, Scope of Electronic Commerce, Traditional Commerce vs. Electronic Commerce, Impact of E-Commerce, Electronic Markets, Internet Commerce, e-commerce in perspective, Application of E Commerce in Direct Marketing and Selling, Obstacles in adopting E-Commerce Applications; Future of E-Commerce. Value Chains in electronic Commerce, Supply chain, Porter's value chain Model, Inter Organizational value chains, Strategic Business unit chains, Industry value chains
April	Security Threats to E-commerce: Security Overview, Computer Security Classification, Copyright and Intellectual Property, security Policy and Integrated Security, Intellectual Property Threats, electronic Commerce Threats, Clients Threats, Communication Channel Threats, server Threats. Implementing security for E-Commerce: Protecting E-Commerce Assets, Protecting Intellectual Property, Protecting Client Computers, Protecting E-commerce Channels, Insuring Transaction Integrity, Protecting the Commerce Server.
May	Electronic Payment System: Electronic Cash, Electronic Wallets, Smart Card, Credit and Change Card. Business to Business E-Commerce: Inter-organizational Transitions, Credit Transaction Trade Cycle, a variety of transactions. Electronic Data Interchange (EDI): Introduction to EDI, Benefits of EDI, EDI Technology, EDI standards, EDI Communication, EDI Implementation, EDI agreement, EDI security.
June	Exams

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VAISH COLLEGE, BHIVANI

LESSON PLAN PERFORMA

Name of Assistant/Associate Professor: Mrs. Aisha

Paper with Code: BCA-307: OBJECT TECHNOLOGIES & PROGRAMMING USING JAVA

Class: BCA 3rd

Session: 2022-2023

Month	Name of the Topic
March	<p>Object Oriented Methodology-1: Paradigms of Programming Languages, Evolution of OO Methodology, Basic Concepts of OO Approach, Comparison of Object Oriented and Procedure Oriented Approaches, Benefits of OOPs, Introduction to Common OO Language, Applications of OOPs. Object Oriented Methodology-2: Classes and Objects, Abstraction and Encapsulation, Inheritance, Method Overriding and Polymorphism.</p> <p>Java Language Basics: Introduction To Java, Basic Features, Java Virtual Machine Concepts, Primitive Data Type And Variables, Java Operators, Expressions, Statements and Arrays.</p>
April	<p>Object Oriented Concepts: Class and Objects-- Class Fundamentals, Creating objects , Assigning object reference variables; Introducing Methods, Static methods, Constructors , Overloading constructors; This Keyword; Using Objects as Parameters, Argument passing, Returning objects , Method overloading, Garbage Collection, The Finalize () Method.</p> <p>Inheritance and Polymorphism: Inheritance Basics, Access Control, Multilevel Inheritance, Method Overriding, Abstract Classes, Polymorphism, Final Keyword.</p> <p>Packages: Defining Package, CLASSPATH, Package naming, Accessibility of Packages , using Package Members.</p> <p>Interfaces: Implementing Interfaces, Interface and Abstract Classes, Extends and Implements together.</p>
May	<p>Exceptions Handling: Exception, Handling of Exception, Using try-catch, Catching Multiple Exceptions , Using finally clause , Types of Exceptions, Throwing Exceptions, Writing Exception Subclasses.</p> <p>Multithreading Introduction , The Main Thread, Java Thread Model, Thread Priorities, Synchronization in Java, Inter thread Communication.</p> <p>I/O in Java , I/O Basics, Streams and Stream Classes , The Predefined Streams, Reading from, and Writing to, Console, Reading and Writing Files , The Transient and Volatile Modifiers , Using Instance of Native Methods.</p> <p>Strings and Characters: Fundamentals of Characters and Strings, The String Class , String Operations , Data Conversion using Value Of () Methods , String Buffer Class and Methods.</p>
June	Exams

VAISH COLLEGE, BHIWANI

LESSON PLAN PERFORMANCE

Name of Assistant/Associate Professor: Mrs. Pooja Rathi

Paper with Code : BCA-308 : ARTIFICIAL INTELLIGENCE

Class: BCA 3rd

Session 2022-2023

Month	Name of the Topic
March	Overview of A.I.: Introduction to AI, Importance of AI, AI and its related field, AI techniques, Criteria for success. Problems, problem space and search: Defining the problem as a state space search, Production system and its characteristics, Issues in the design of the search problem. Heuristic search techniques : Generate and test, hill climbing, best first search technique, problem reduction, constraint satisfaction
April	Knowledge Representation: Definition and importance of knowledge, Knowledge representation, Various approaches used in knowledge representation, Issues in knowledge representation. Using Predicate Logic : Representing Simple Facts in logic, Representing instances and is_a relationship, Computable function and predicate.
May	Natural language processing : Introduction syntactic processing, Semantic processing, Discourse and pragmatic processing. Learning: Introduction learning, Rule learning, Learning by taking advice, Learning in problem solving, Learning from example-induction, Explanation based learning. Expert System: Introduction, Representing using domain specific knowledge, Expert system shells.
June	Exams


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LESSON PLAN PERFORMA

Name of Assistant/Associate Professor: Mrs. Bhavna

Paper with Code : BCA-309 : INTRODUCTION TO .NET

Class: BCA 3rd

Session 2022-2023

Month	Name of the Topic
March	The Framework of .Net: Building blocks of .Net Platform (the CLR, CTS and CLS). Features of .Net, Deploying the .Net Runtime, Architecture of .Net platform, Introduction to namespaces & type distinction. Types & Object in .Net, the evolution of Web development. Class Libraries in .Net, Introduction to Assemblies & Manifest in .Net, Metadata & attributes. Introduction to C#: Characteristics of C#, Data types: Value types, reference types, default value, constants, variables, scope of variables, boxing and unboxing.
April	Operators and expressions: Arithmetic, relational, logical, bitwise, special operators, evolution of expressions, operator precedence & associativity, Control constructs in C#: Decision making, loops, Classes & methods: Class, methods, constructors, destructors, overloading of operators & functions
May	Inheritance & polymorphism: visibility control, overriding, abstract class & methods, sealed classes & methods, interfaces. Advanced features of C#: Exception handling & error handling, automatic memory management, Input and output (Directories, Files, and streams).
June	Exams


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