

Lesson Plan

Name of Assistant Professor: Suresh Kumari
Class: B.A./B.COM./B.SC. AEC 3rd Sem.

Session: 2025-26
Subject: English

Month	Week	Topic
July 2025	4th	Introduction to syllabus and Exam Pattern
August 2025	1st	Comprehension, Summarizing and Paraphrasing
	2nd	Cloze Reading and Interview Skills
	3rd	Seminar Skills and Presentation Skills
	4th	Data Interpretation-Bar Graph
September 2025	1st	Tree Diagram, Rearranging Jumbled Sentences
	2nd	Practice of Comprehension, Summarizing and Paraphrasing
	3rd	Assignment and Mid-Term
	4th	Vocabulary- Homonyms, Homophones
October 2025	1st	Pair of Words, Rearranging Jumbled Sentences
	2nd	Common Errors in the use of English (Noun, Pronoun)
	3rd	Common Error in the Use of Articles, Homonyms
	4th	Cloze Reading and Interview Skills
November 2025	1st	Seminar Skills and Presentation Skills, Homophones
	2nd	Revision and Practice
	3rd	Revision and Practice

Lesson Plan

Name of Assistant Professor: Suresh Kumari
Class: B.A.II(Sem.3rd, Major)

Session: 2025-26
Subject: English

Month	Week	Topic
July 2025	4th	Introduction to the syllabus and Exam Pattern, Introduction to Poetry
August 2025	1st	Unit-I ("Sita", "To India- My Native Land") Que. Ans. Discussion
	2nd	Unit- I("My Mistress' Eyes are Nothing Like the Sun"), Que. Ans. Discussion, Organs of Speech
	3rd	Unit- I("Where the Mind is Without Fear") Que. Ans. Discussion, Organs of Speech
	4th	Unit- I("Song of a Dream"), Que. Ans. Discussion, Organs of Speech
September 2025	1st	Unit- I("Night of the Scorpion"), Que. Ans. Discussion, Introduction to Speech Sounds
	2nd	Unit-II("On His Blindness"), Reference to the Context, Vowel Sounds
	3rd	Unit- II("The Solitary Reaper"), Reference to the Context, Consonant Sounds
	4th	Assignment and Mid-Term Exam, Transcription of Words
October 2025	1st	Unit- II("My Last Duchess"), Que. Ans. Discussion, Transcription of Words
	2nd	Unit-II("When You are Old"), Reference to the Context, Que. Ans. Discussion
	3rd	Unit-II("An Arundel Tomb"), Que. Ans. Discussion, Transcription of Words
	4th	Unit-II("The Road Not Taken"), Reference to the Context, Que. Ans. Discussion
November 2025	1st	Word Stress, Discussion of Long Que. Ans. of Unit-I,
	2nd	Word Stress, Organs of Speech, Speech Sounds
	3rd	Revision and Practice

Lesson Plan

Name of Assistant Professor: Suresh Kumari
Class: B.A. (1st Sem.)

Session: 2025-26
Subject: English (Major)

Month	Week	Topic
July 2025	4th	Introduction to Syllabus and Exam Pattern, Discussion of short stories
August 2025	1st	Tenses
	2nd	Unit-I Short Stories:1.God Sees the Truth but Waits, 2.The Model Millionaire
	3rd	Unit-I Short Stories:3.The Blind Dog, 4.The Boy With a Catapult
	4th	Parts of Speech: Noun, Pronoun, Adjective
September 2025	1st	Unit-I Short Stories:5.The Child, 6.The Gold Watch
	2nd	Parts of Speech: Verb, Adverb, Interjection, Conjunction
	3rd	Assignment and Mid- Term Exam, Preposition
	4th	Unit-II Short Stories: 1.Games at Twilight, 2.The Beloved Charioteer
October 2025	1st	Voice
	2nd	Unit-II Short stories: 3.The Dog of Tithwal, 4.Wasp's Nest
	3rd	Voice ,Preposition
	4th	Narration
November 2025	1st	Unit-II Short Stories: 5.Sweat, 6.Once Upon aTime
	2 nd	Revision and Practice, Reference to the context
	3rd	Revision and Practice

Lesson Plan

Name of Assistant Professor: Suresh Kumari
Class: B.A.III

Session: 2025-2026
Subject: English

Month	Week	Topic
August 2025	1st	Introduction to the syllabus and Exam Pattern, Introduction to different genre of Literature
	2nd	Novel and Its Forms, Composition, Word Accent
	3rd	Introduction to the Writer Raja Rao, Introduction to the Novel 'Kanthapura' and characters of the Novel
	4th	Word Accent and its grammatical function
September 2025	1st	Ch-1 and 2 nd analysis, Que. Ans. Discussion, Word Accent
	2nd	Ch-3 rd , 4 th , and 5 th , Discussion of Que. Ans., Composition
	3rd	Ch-6 th , 7 th and 8 th , Discussion of Que. Ans., Reference to the Context
	4th	Ch-9 th , 10 th , and 11 th , Discussion of Que. Ans.
October 2025	1st	Ch-12 th , 13 th and 14th Discussion of Que. Ans., Introducing Intonation
	2nd	Assignment and test, Composition, Weak Forms in English Pronunciation, Word Accent
	3rd	Ch-16 th and 17 th , Discussion of Que. Ans., Intonation
	4th	Ch-18 and Ch- 19 Discussion of Que. Ans., Forms of Novel
November 2025	1st	Reference to the Context, Intonation, Composition
	2nd	Sentence and Its Types, Glossary
	3rd	Revision and Practice

Name of Assistant Professor: Suresh Kumari
Class: B.A.1(Sem.1st, Minor)

Session: 2025-26
Subject: English

Month	Week	Topic
July 2025	4th	Introduction to the syllabus and Exam Pattern
August 2025	1st	Tenses
	2nd	Unit-I (Toasted English), Que. Ans. Discussion
	3rd	Unit-I (Dream Children: A Reverie), Que. Ans. Discussion
	4th	Unit-I (Of Studies),), Que. Ans. Discussion, Tenses
September 2025	1st	Unit-I(Introduction to Wings of Fire), Que. Ans. Discussion, Article
	2nd	Unit-II(Leave This Chanting), Que. Ans. Discussion, Tenses
	3rd	Assignment and Mid-Term Exam
	4th	Unit-II(If), Que. Ans. Discussion , Article
October 2025	1st	Unit-II(The World is Too Much With Us), Que. Ans. Discussion
	2nd	Reference to the Context (Practice), Preposition
	3rd	Preposition, Article, Reference to the Context (Practice)
	4th	Unit-II (Adventurer), Que. Ans. Discussion
November 2025	1st	Subject- Verb Agreement, Tenses
	2nd	Revision and Practice
	3rd	Revision and Practice

Lesson Plan

Name of Assistant Professor: Suresh Kumari

Session: 2025-26

Class: B.A.1/B.Com./B.Sc.(Sem.1st, AEC)

Subject: English

Month	Week	Topic
August 2025	1st	Introduction to the syllabus and Exam Pattern, Introduction to Communication
	2nd	Process and importance, and Barriers of Communication
	3rd	Theory and Types of Communication
	4th	Verbal and Non-Verbal Communication
September 2025	1st	Workplace and Interpersonal Communication
	2nd	Introducing oneself, Introducing others, Making Requests
	3rd	Offering Help, Congratulating, Making Enquiries and Seeking Permission
	4th	Assignment and Mid-Term
October 2025	1st	Importance of Listening Skills and their types
	2nd	Barriers to effective Listening and how to overcome them
	3rd	Note –Taking Technique to capture the main idea
	4th	Revision and Test
November 2025	1st	Parts of Speech
	2nd	Parts of Speech
	3rd	Revision and Practice

CH. MANI RAM JHORAR GOVT. COLLEGE MITHI SURERAN ELLENABAD (SIRSA).

Lesson Plan Session: 2025-26

Name of Assistant Professor – Ashok Kumar

Semester – 1st

Class – B.A / B.Sc.

Subject – Mathematics (Major)

Paper – Calculus

Week	Topics
1st	Unit– I Limit&Continuity of a real valued function, Basic Properties of limits, Types of discontinuities, Differentiability of functions.
2nd	Unit– I Application of L'Hospital Rule to indeterminant forms.
3rd	Unit– I Successive differentiation, Leibnitz theorem
4th	Unit– I Taylor's and Maclaurin's series expansion with different forms of remainder.
5th	Unit- II Asymptotes: Horizontal, vertical and oblique asymptotes for algebraic curves, Asymptotes for polar curves, Intersection of a curve and its asymptotes.
6th	Unit-II Curvature and Radius of Curvature of curves (cartesian, parametric, polar & intrinsic forms)
7th	Unit-II Newton's Method, Centre of curvature and Circle of curvature
8th	Unit- III Multiple points, Node, Cusp, Conjugate points.
9th	Unit- III Test for concavity and convexity, Point of inflexion.
10th	Unit-III Tracing of curves, Reduction Formulae.
11th	Unit-IV Rectification, Intrinsic equations of curve.
12th	Unit-IV Quadrature, Area bounded by closed curves in cartesian, parametric form and polar form.
13th	Unit-IV Volumes and surfaces of solids of revolution.
14th & so on	Revision



CH. MANI RAM JHORAR GOVT. COLLEGE MITHI SURERAN ELLENABAD (SIRSA).

Lesson Plan Session: 2025-26

Name of Assistant Professor – Ashok Kumar

Class – B.A / B.Sc.

Semester – 1st

Subject – Mathematics (SEC)

Paper – Computer Skill

Week	Topics
1st	Unit– I Windows: Installation of Windows, Windows Desktop, My computer, My documents, Network neighbourhood, Recycle Bin, Quick launch tool bar, System tray, Start menu, Task bar - System Tray - Quick launch tool bar - Start button - Parts of Windows.
2nd	Unit– I Windows: Keyboard Accelerators: Key board short keys or hotkeys, Working with Notepad & WordPad, Creating & Editing Images with Microsoft paint, using the Calculator, Personalising Windows.
3rd	Unit– I Window: Revision
4 th -5 th	Unit– II MS-Word: Working with Documents, formatting page & setting Margins, converting files to different formats, Importing & Exporting documents, Formatting Documents - Setting Font styles, Font selection- style, Setting Paragraph style, Alignments, Indents, Line Space, Margins, Bullets& Numbering.
6 th – 7 th	Unit- II MS- Word: Setting Page style - Formatting Page, Page tab, Margins, Layout settings, Border & Shading, Columns, Header & footer, Setting Footnotes & end notes, page break, Setting Document styles, Table of Contents, Index, Page Numbering, date & time, Inserting Tables - Table operations, Borders, Alignment, Insertion, deletion, Merging, Splitting, Sorting, Drawing, Inserting Clip Arts, Pictures/Files, Tools –Spell Checks, Mail merge, Templates, Printing Documents.
8th	Unit-II MS Word: Revision
9th	Unit-III MS-Excel: Spread Sheet & its Applications, Opening Spreadsheet, Menus, working with Spreadsheets- opening, saving files, setting Margins.
10th	Unit- III MS-Excel: Spread sheet addressing - Rows, Columns & Cells, Referring Cells & Selecting Cells – Shortcut Keys.
11th	Unit- III MS-Excel: Entering & Deleting Data, Inserting Data, Insert Cells, Column, rows & sheets, Inserting Functions, Formula - finding total in a column or row.
12 th -13 th	Unit-III MS-Excel: Mathematical operations (Addition, Subtraction, Multiplication, Division, Exponentiation), Formatting Spreadsheets- Labelling columns & rows, Formatting- Cell, row, column & Sheet, Category - Alignment, Font, Border & Shading, Hiding/ Locking Cells, working with sheets – Sorting, Filtering, Creating Charts, Tools – Error checking, Spell Checks
14th & so on	Revision



CH. MANI RAM JHORAR GOVT. COLLEGE MITHI SURERAN ELLENABAD (SIRSA).

Lesson Plan Session: 2025-26

Name of Assistant Professor – Ashok Kumar

Semester – 5th

Class – B.A / B.Sc.

Subject – Mathematics

Paper – Numerical Analysis

Week	Topics
1st	Unit– I Finite difference operators and their relations. Finding the missing terms and effect of error in a difference tabular values.
2nd	Unit– I Interpolation with equal intervals: Newton's forward and Newton's backward interpolation formulae.
3rd	Unit– I Interpolation with unequal intervals: Newton's divided difference, Lagrange's Interpolation formulae, Hermite formula.
4th	Unit– II Central Differences: Gauss forward and Gauss's backward interpolation formulae. Sterling, Bessel formula.
5th	Unit- II Probability distribution of random variables, Binomial distribution, Poisson's distribution.
6th	Unit-II Normal distribution: Mean, Variance and Fitting.
7th	Unit-III Numerical Differentiation: Derivative of a function using interpolation formulae studied in sections I & II.
8th	Unit- III Eigen Value problems: Power method, Jacobi's method.
9th	Unit- III Eigen Value problems: Given's method, House-Holder's method, QR-method, Lanczo's method.
10th	Unit-IV Numerical Integration: Newton-Cote's Quadrature formula, Trapezoidal rule, Simpson's one-third and three-eighth rule, Chebychev formula, Gauss Quadrature formula.
11th	Unit-IV Numerical solution of ordinary differential equations: Single step method—Picard's method, Taylor's series method, Euler's method, Modified Euler's method.
12th	Unit-IV Runge-Kutta Methods. Multiple step methods: Predictor-corrector method, Milne-Simpson's method.
13th & so on	Revision.



CH. MANI RAM JHORAR GOVT. COLLEGE MITHI SURERAN ELLENABAD (SIRSA).

Lesson Plan Session: 2025-26

Name of Assistant Professor – Ashok Kumar

Semester – 5th

Class – B.A / B.Sc.

Subject – Mathematics

Paper – Numerical Analysis (Practical)

Week	Topics
1st	Introduction and Basic Concept
2nd	Write and Run a program to demonstrate Newton-Forward Interpolation formula and draw the flowchart
3rd	Write and Run a program to demonstrate Newton-Backward interpolation formula and draw the flowchart.
4th	Write and Run a program to demonstrate Lagrange's Interpolation formula and draw the flowchart.
5th	Write and Run a program to demonstrate Trapezoidal rule and draw the flowchart
6th	Write and Run a program to demonstrate Simpson's One-third rule and draw the flowchart.
7th	Write and Run a program to demonstrate Simpson's three-eighth rule and draw the flowchart. .
8th	Write and Run a program to demonstrate Euler's method and draw the flowchart.
9th	Write and Run a program to demonstrate Euler's Modified Method and draw the flowchart
10th	Write and Run a program to demonstrate Runge-Kutta fourth order method and draw the flowchart.
11th	Write and Run a program to demonstrate Milne Simpson method and draw the flowchart.
12th & so on	Revision.



CH. MANI RAM JHORAR GOVT. COLLEGE MITHI SURERAN ELLENABAD (SIRSA).

Lesson Plan Session: 2025-26

Name of Assistant Professor – Ashok Kumar

Semester – 2nd

Class – B.A / B.Sc.

Subject – Mathematics (Major)

Paper – Algebra and Number Theory

Week	Topics
1 st	Unit- I Symmetric, Skew-symmetric, Hermitian and Skew-Hermitian matrices.
2 nd	Unit- I. Elementary operations on matrices. Rank of a Matrix. Inverse of a Matrix. Linear dependence and independence of rows and columns of matrices. Row rank and Column rank of a Matrix
3 rd	Unit- I. Eigen Values, Eigen vectors and the characteristic equation of a matrix. Minimal polynomial of a matrix. Cayley Hamilton theorem and its use in finding inverse of a matrix.
4 th	Unit- I Unitary and orthogonal matrices.
5 th	Unit- II 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.
6 th	Unit- II Transformation of equations, Nature of the roots of an equation
7 th	Unit- II Descarte's Rule of signs.
8 th	Unit- III Solution of Cubic equations (Cardon's method), Biquadratic equations and their solutions.
9 th	Unit- III Divisibility, Greatest common divisor (gcd), Least common multiple (lcm), Prime numbers, Fundamental theorem of arithmetic
10th	Unit-IV Linear congruence, Fermat's theorem.
11th	Unit-IV Euler's theorem, Wilson theorem and its converse.
12th	Unit-IV Chinese Remainder theorem, Linear Diophantine equations in two variables.
13th & so on	Revision

CH. MANI RAM JHORAR GOVT. COLLEGE MITHI SURERAN ELLENABAD (SIRSA).

Lesson Plan Session: 2025-26

Name of Assistant Professor – Ashok Kumar

Class – B.A / B.Sc.

Semester – 6th

Subject – Mathematics

Paper – Real and Complex Analysis

Week	Topics
1st	Unit– I Jacobians, Beta and Gamma functions.
2nd	Unit– I Double and Triple integrals, Dirichlet's integrals.
3rd	Unit– I Change of order of integration in double integrals.
4th	Unit– II Fourier's series: Fourier expansion of piecewise monotonic functions, Properties of Fourier Coefficients, Dirichlet's conditions, Fourier series for even and odd functions.
5th	Unit- II Fourier's series: Fourier expansion of Functions having point of Discontinuity
6th	Unit-II Fourier's series: Change of intervals, Half range series, Parseval's Identity for Fourier Series.
7th	Unit-III Extended Complex Plane, Stereographic projection of complex numbers, continuity and differentiability of complex functions.
8th	Unit- III Analytic functions, Cauchy-Riemann equations.
9th	Unit- III Harmonic functions.
10th	Unit-IV Mappings by elementary functions: Translation, Rotation, Magnification and Inversion.
11th	Unit-IV Conformal Mappings, Möbius transformations. Fixed points, Cross ratio. Inverse Points and Critical mappings.
12th	Unit-IV Inverse Points and Critical mappings.
13th & so on	Revision



Name of Computer Instructor – Subhash Chander

Semester – 1st

Class – B.Com

Subject – Computer Applications in Business

Week	Topics
1st	Unit– I Computing: Concept of computing, Data and information; Computing Interfaces: Graphical User Interface (GUI)
2nd	Unit– I Command Line Interface (CLI), Touch Interface, Natural Language Interface (NLI); data processing; applications of computers in business. Computer Networks: Meaning of computer network; objectives/ needs for networking;
3rd	Unit– I Applications of networking; Basic Network Terminology; Types of Networks; Network Topologies; Distributed Computing; Client Server Computing, Peer- to- peer Computing; Wireless Networking; Securing Networks: firewall.
4th	Unit– I Client Server Computing, Peer- to- peer Computing; Wireless Networking; Securing Networks: firewall.
5th	Unit- II Introduction to word Processing, Word processing concepts.
6th	Unit-II Use of Templates and styles, Working with word document: Editing text, Find and replace text.
7th	Unit-II Formatting, spell check, Autocorrect, Auto-text; Bullets and numbering, Tabs, Paragraph Formatting, Indent.
8th	Unit- II Page Formatting, Header and footer, page break, table of contents, Tables: Inserting, filling and formatting a table;
9th	Unit- II Inserting Pictures and Video; Mail Merge (including linking with spreadsheet files as data source)
10th	Unit-II Printing documents; Citations, references and Footnotes.
11th	Unit-III Basics of presentations: Slides, Fonts, Drawing, Editing; Inserting: Tables, Images, texts, Symbols, hyperlinking, Media.
12th	Unit-III Design; Transition; Animation; and Slideshow, exporting presentations as pdf handouts and videos.
13th & so on	Revision

