Lesson Plan Duration :16 weeks (30/07/26 to 23/11/26)
Work Load (lecture/practical) per week(in hours) :Th (4)+ Pr (8)+SCA (1) =13
Name of Faculty: Krishna Rani
Discipline :Applied Science Department
Subject : English and Communication skill - I ,ID -220011,Semester -1st

Week	Date	Lecture Day	Theory	Practical (G1,G2)
1	30th July	1	Introduction to syllabus	
2	3-7 Aug	3	Homecoming (1.3)	Reading practice of lesson Homecoming
		4	—- do —	
3	10-14 Aug	5	Techniques of reading(1.1,1.2)	Comprehension passages based on text
		6	—- do —	
4	17-21 Aug	7	Life Sketch of Sir M V (1.4)	Reading aloud of Newspaper headlines and articles
		8	Nouns (3.1)	
5	24 -28 Aug	9	Nouns (3.1)	Introducing oneself and others, talking about oneself, leave taking
		10	Pronouns (3.2)	
6	31- 4 Sep	11	—- do —	Offering and responding to offers .
		12	—- do —	
7	7 - 11 Sep	13	Significance…of written comm.	Congratulating
		14	Process of comm. & Types (2.1,2.2	
8	14 -18 Sep	15	Barriers to Communication	Apologising and forgiving
		16	**1st Sessional Test**	
9	21 -25 Sep	17	Speaking & Listening skill	Complaining
		18	Life sketch of Dr Abdul Kalam	
10	28 -2 Oct.	19	Articles (3.3)	Talking about likes and dislikes
		20	— do —	
11	5 -9 Oct	21	Verbs (Main & Auxiliary) (3.4)	Mock interviews
		22	Notice Writing (4.2)	
12	12- 16 Oct	23	—do—-	JAM Session. Speaking extemporary for one minute .
		24	**2nd Sessional Test**	
13	19- 23 Oct	25	Official Letters & E -mail	Opening an email account, receiving & sending mails
		26	—do—-	
14	26 -30 Oct	27	Netiquettes (4.6)	Exercises on grammar topics
		28	N.Murthy's Speech at LBSNA	
15	2 -6 Nov	29	—do—-	Written and oral drills to be done
		30	Tenses (3.5)	
16	9 - 13 Nov	31	—do—-	Writing practice in groups
		32	Frequently used abbreviations	
17	16-20 Nov	33	Paragraph writing (4.5)	Group exercise on writing paragraphs
		34	**3rd Sessional Test**	
18	23 Nov	35	Revision	Group exercise on writing paragraphs

LESSON PLAN

Name of the Faculty : Mrs. Jasbir Kaur

Semester : 1st

Subject : English and Communication Skills - I

Lesson Plan Duration : 30-07-2026 to 23-11-2026

Work Load Per Week : 02 Hrs (Theory) + 02 Hrs (PRACTICAL)

Week	Date	Theory		Practical	
		Day	Topic (including assignment/ test)	Day	Topic
1st	30-07-2026 to 31-07-2026	1	Induction Program for Students		
		2	Reading Skills		
2nd	03-08-2026 to 07-08-2026	3	Techniques of Reading (1.1, 1.2)	1	Reading Comprehension and Exercises
		4	Homecoming (1.3)	2	
3rd	10-08-2026 to 14-08-2026	5	Life Sketch of Sir M.Visvesvarayya(1.4)	3	Vocabulary Enhancement
		6		4	
4th	17-08-2026 to 21-08-2026	7	Nouns (3.1)	5	Introducing Oneself and others
		8		6	
5th	24-08-2026 to 28-08-2026	9	Pronouns (3.2)	7	Leave taking and Talking about yourself
		10		8	
6th	31-08-2026 to 04-09-2026	11	Significance... of Written Communication (4.1)	9	Offering and Responding to Offers,Congratulating
		12		10	
7th	07-09-2026 to 11-09-2026	13	Revision	11	Revison
		14		12	
8th	14-09-2026 to 18-09-2026	15	Assignment No. 1,Revision	13	Apologising and ForgivingComplaining
		16	1st Sessional Test	14	

9th	**21-09-2026 to 25-09-2026**	17	Life Sketch of Dr.Abdul Kalam (1.5),Concept of Communication(2.1)	15	Complaining,Talking about Likes and Dislikes
		18	Types of Communication(2.2),Barriers(2.3),Speaking skill(2.4)	16	
			Listening Skill(2.5)		
10th	**28-09-2026 to 02-10-2026**	19	Articles (3.3); Verbs (Main & Auxiliary) (3.4)	17	Self Introduction
		20	Notice Writing (4.2)	18	
11th	**05-10-2026 to 09-10-2026**	21	Revision	19	Revision
		22		20	
12th	**12-10-2026 to 16-10-2026**	23	Assignment No. 2,Revision	21	Mock Interviews
		24	2nd Sessional Test	22	
13th	**19-10-2026 to 23-10-2026**	25	Narayana Murthy's Speech at LBSNA,Dehradun (1.6)	23	Just a Minute Session
		26	Tenses (3.5)	24	
14th	**26-10-2026 to 30-10-2026**	27	Office letters and Emails(4.3)	25	Group Exercises on Writing Paragraphs
		28	Exercises	26	
15th	**02-11-2026 to 06-11-2026**	29	Frequently used Abbreviations (4.4):Paragraph Writing (4.5)	27	Opening Email Account
		30	Netiquettes(4.6)	28	
16th	**09-11-2026 to 13-11-2026**	31	Revision	29	Receiving and Sending Emails
		32	Assignment No.3 ,Revision	30	
17th	**16-11-2026 to 20-11-2026**	33	3rd Sessional Test	31	Revision
		34	Discussion About 3rd Sessional Test	32	
18th	**23-11-2026**	35	Revision	33	Revision

Lesson Plan Duration :16 weeks (30/07/26 to 23/11/26)
Name of Faculty: Dr. Rishi Pal
Discipline: Computer Engineering and ECE
Subject : Applied Physics-1 (220013)

Week	Date	Lecture Day	Theory	Practicals
1	30th July	1	Definition of Physics, physical quantities- fundamental and derived, Units: fundamental and derived	Discussion on Apllied Physics-1
2	3-7 Aug	2	Dimension, dimensional formula and SI units of physical quantities: distance, displacement, area, volume, density, velocity, acceleration, linear momentum, force, impulse, work, power, energy, pressure, surface tension, stress, strain	Familiarization of intruments and their parts (vernier calliper, screw gauge)
		3	Dimensional equations, principle of homogeneity of dimensional equation	
3	10-14 Aug	4	Application of dimensional analysis: checking the correctness of physical equation,	Familiarization of intruments and their parts (spherometer, travelling microscope)
		5	Conversion of system of unit (force, work, acceleration)	
4	17-21 Aug	6	revision of unit and Assignment	To find the diameter of solid cylinder using vernier calliper
		7	Scalar and vector quantities– definition and examples, representation of vector, types of vectors	
5	24 -28 Aug	8	Vector algebra: addition of vectors, Triangle & Parallelogram law	To find the internal diameter and depth of a beaker using vernier calliper and hence find its volume
		9	Scalar and vector product. Force and its units, resolution of force	
6	31- 4 Sep	10	Newton's laws of motion	To find diameter of wire using screw gauge
		11	Linear momentum, Law of conservation of linear momentum, Impulse, Circular motion:imp definitions	

7	7 - 11 Sep	12	Relation between linear and angular velocity,centripetal and centrifugal forces	To find thickness of paper using screw gauge
		13	Rotational motion: definition with examples	
8	14 -18 Sep	14	Definition of torque, angular momentum, moment of inertia and its physical significance.	To determine the thickness of glass strip using a spherometer
		15	**1st Sessional Test**	
9	21 -25 Sep	16	Work- definition, symbol, formula and SI unit, types of work	Completing readings of experiments missed out
		17	Friction– definition and its simple daily life applications Power- definition, formula and units	
10	28 -2 Oct.	18	Energy- definition and its SI unit, examples of transformation of potential energy and kinetic energy	Completing readings of experiments missed out
		19	Law of conservation of mechanical energy for freely falling bodies (with derivation)Simple numerical problems based on formula of Power and Energy	
11	5 -9 Oct	20	Elasticity and plasticity- definition, deforming force, restoring force	To verify parallelogram law of force
		21	Definition of stress and strain, Hooke’s law, modulus of elasticity	
12	12- 16 Oct	22	Pressure- definition, atmospheric pressure, gauge pressure, absolute pressure, Pascal’s law	To determine the atmospheric pressure using Fortin's Barometer
		23	2nd Sessional Test	
13	19- 23 Oct	24	Viscosity: definition, unit, examples, effect of temperature on viscosity	To determine force constant of spring using Hooke's law
		25	Definition of heat and temperature (on the basis of kinetic theory) Difference between heat and temperature	

14	26 -30 Oct	26	Principle and working of mercury thermometer Modes of transfer	Measuring Room Temperature and Conversion in Different Scales
		27	Properties of heat radiation	
15	2 -6 Nov	28	Different scales of temperature and their relationship	
		29	Revision	
16	9 - 13 Nov	30	Revision	
		31	Revision	
17	16-20 Nov	32	Revision	
		33	3rd Sessional Test	
18	23 Nov	34	Revision	

PERFORMA OF LESSON PLAN (First Sem)

Subject: Applied Maths

Name of Faculty: Mrs Anuradha

Discipline: Computer,Electronics

Week	DAY	Theory (Topics)	Coverage Date
1	1	Definition of complex number, real and imaginary parts	
	2	Addition subtraction, multiplication and division of complex number.	
	3	Conjugate of a complex number	
	4	Modulus/argument of complex No	
2	1	Polar and Cartesian Form and their inter conversion	
	2	Numericals complex number And Assignment-I	
	3	Fundamental Rules of Logarithms	
	4	Logarithm Conversation Log to exp and vice versa	
3	1	Numericals Logarithms	
	2	Numericals And Assignment-II	
	3	Factorial	
	4	Permutation, combination	
4	1	Binomial theorem expansion	
	2	General Term, Middle Term/ Co- eff of xn	
	3	Binomial theorem for any index And Assignment-III	
	4	Revision	
1st Sessional test			
5	1	Matrics: Define/Types	
	2	Addition subtraction of Matrices	
	3	Multiplication of Matrices	
	4	Determinants (up to 2 order) by laplace method	
6	1	Solution of equation by Cramer's Rule And Assignment-IV	
	2	Trigonometry: Concept of angle: measurement of angle	
	3	Conversion of angles	
	4	Fundamental Identities, Allied angles	
7	1	Addition and subtraction formula	
	2	Addition and subtraction formula Numericals	
	3	Transformation formula	
	4	Numericals	
8	1	Numericals	
	2	Application: Angle of elevation/height/distance	
	3	Numericals And Assignment-V	
	4	Revision	
2nd Sessional test			
9	1	Point: Distance Formula	
	2	Mid Point Formula	

	3	Centroid of vertices of a triangle	
	4	Straight line: Slope of a line	
10	1	Equation of straight line in various standards forms	
	2	Equation of straight line in various standards forms	
	3	Intersection of two straight lines, concurrency of lines	
	4	Angle between two straight lines, parallel and perpendicular lines	
11	1	Perpendicular distance formula,	
	2	Conversion of general form of equation to the various forms And Assignment-VI	
	3	Circle: General equation of a circle	
	4	Centre and radius of circle	
12	1	Find Standard equation of circle and centre and radius	
	2	Find general equation of circle and centre and radius	
	3	To find the equation of a circle, given three points lying on it	
	4	To find the equation of a circle given coordinates of end points of a diameter, Assignment-VII	
13	1	Theoretical Introduction of MATLAB	
	2	Addition and subtraction of values Trigonometric functions	
	3	Addition and subtraction of values Inverse Trigonometric functions	
	4	General Practice And Assignment-VIII	
		3rd Sessional test	
14	1	Practice of Previous Question Papers	
	2	Practice of Previous Question Papers	
	3	Practice of Previous Question Papers	
	4	Practice of Previous Question Papers	
15	1	Revision	
	2	Revision	
	3	Revision	
	4	Revision	

PERFORMA OF LESSON PLAN (2ND Sem)
Subject: Applied Maths
Name of Faculty: Mrs. Anuradha
Discipline: Computer,Electronics

WEEK	THEORY	
	LECTURE DAY	TOPIC (WITH ASSIGNMENT & TESTS)
1	1	Definition of function, its types
	2	Concept of Algebraic limits
	3	Concept of Trigonometric, Exponential & log-limits
	4	Numericals
2	1	Differentiation of x^n , sin x by first principle
	2	Differentiation of cos x, tan x by first principle
	3	Differentiation of sum and difference of function
	4	Differentiation of product of function
3	1	Differentiation of quotient of functions
	2	Differentiation of trigonometric functions
	3	Differentiation of inverse trigonometric function
	4	Differentiation of Logarithmic function
4	1	Successive differentiation
	2	Application of diff. in Rate measures
	3	Maxima and minima
	4	Assignment-1 and Numericals
		1st sessional Test
5	1	Integration as inverse operation of differentiation
	2	Simple standard integrals
	3	Numericals
	4	Integration by substitution method
6	1	**Numericals**
	2	Integration by parts
	3	Numericals
	4	Evaluation of definite integrals with given limits
7	1	Numericals
	2	Integration by Trapezoidal Rule
	3	**Numericals**
	4	Integration by Simpson's 1/3rd Rule
8	1	Differential, order, degree, type linearity
	2	Function of O.D.E. (upto 1st order)
	3	Solution of O.D.E. (1st order) by variable

	4	Assignment-3
		2nd Sessional Test
9	1	Measure of central tendency: mean
	2	Numericals
	3	Measure of central tendency: median
	4	Numericals
10	1	Measure of central tendency: mode
	2	Numericals
	3	Numericals
	4	Measure of dispersion: Mean Deviation
11	1	Numericals
	2	Measure of dispersion: Standard Deviation
	3	Numericals
	4	Assignment-4
12	1	Software- Theoretical Introduction
	2	Basic Diff. Between MATLAB and Sclab software
	3	Calculation with MATLAB or ScLab Representation of Matrix (2X2 order)
	4	Add, sub of Matrices (2x2 order) in MATLAB or ScLab
		3rd Sessional Test
13	1	Revision
	2	Important Questions Practice
	3	Important Questions Practice
	4	Important Questions Practice
14	1	Revision
	2	Revision
	3	Revision
	4	Revision
15	1	Practice of Previous Question papers
	2	Practice of Previous Question papers
	3	Practice of Previous Question papers
	4	Practice of Previous Question papers