

B Tech

1st

DELHI COLLEGE OF TECHNOLOGY AND MANAGEMENT, PALWAL

LESSON PLAN

SESSION – Aug 2025

SUBJECT- BASIC ELECTRONICS

LOAD: L-3, T-0 P-0

SUBJECT CODE- ESC-201

Details:

Total Lecture	Propose Date	Topics to be covered	Actual Date
01	12-8-25	Unit1: Semiconductor Devices and Applications: Introduction to P-N junction Diode and V-I characteristics	12-8-25
02	13-8-25	Half wave rectifiers, Full-wave rectifiers	13-8-25
03	14-8-25	capacitor filter, Zener diode and its characteristics	14-8-25
04	19-8-25	Zener diode as voltage regulator	19-8-25
05	20-8-25	Regulated power supply IC based on 78XX and 79XX series	20-8-25
06	21-8-25	Introduction to BJT, its input-output and transfer characteristics	21-8-25
07	26-8-25	BJT as a single stage CE amplifier	26-8-25
08	27-8-25	frequency response and bandwidth	27-8-25
09	28-8-25	Unit2: Operational amplifier and its applications: Introduction to operational amplifiers	28-8-25
10	02-9-25	Op-amp input modes and parameters	02-9-25
11	03-9-25	Op-amp in open loop configuration	03-9-25
12	04-9-25	op-amp with negative feedback	04-9-25
13	09-9-25	study of practical op-amp IC 741	09-9-25
14	10-9-25	inverting and non-inverting amplifier applications	10-9-25
15	11-9-25	summing amplifier	11-9-25
16	16-9-25	difference amplifier	16-9-25
17	17-9-25	unity gain buffer, comparator	17-9-25
18	18-9-25	Integrator, differentiator	18-9-25
19	23-9-25	Unit 3: Timing Circuits and Oscillators: RC-timing circuits	23-9-25
20	24-9-25	IC 555 and its applications as monostable	24-9-25
21	25-9-25	positive feedback	25-9-25

22	01-10-25	Barkhausen's criteria for oscillation	01-10-25
23	8-10-25	Barkhausen's criteria for oscillation	8-10-25
24	9-10-25	R-C phase shift	9-10-25
25	23-10-25	Weinbridge oscillator.	
26	28-10-25	Unit4: Digital Electronics Fundamentals: Difference between analog and digital signals	
27	29-10-25	Boolean algebra, Basic and Universal Gates, Symbols, Truth tables	
28	30-10-25	logic expressions, Logic simplification using K- map	
29	4-11-25	half and full adder	
30	6-11-25	half and full subtractor	
31	11-11-25	multiplexers, de- multiplexers	
32	12-11-25	flip-flops, shift registers	
33	13-11-25	Counters, Block diagram of microprocessor	
34	18-11-25	Block diagram of microcontroller	
35	19-11-25	Unit5: Electronic Communication Systems: The elements of communication system	
36	20-11-25	IEEE frequency spectrum	
37	23-8-25 Extra class	Transmission media: wired and wireless	
38	13-9-25 Extra class	need of modulation of AM, FM modulation schemes	
39	27-09-25 Extra class	Mobile communication systems	
40	11-10-25 Extra class	cellular concept and block diagram of GSM system. Questions of K map	
41	25-10-25 Extra class	Weinbridge oscillator, different modeling styles in VHDL	
42	8-11-25 Extra class	Codes for sequential circuits, Problem Solving	
43	8-11-25 Extra class	Previous year paper solution	

DELHI COLLEGE OF TECHNOLOGY AND MANAGEMENT, PALWAL
LESSON PLAN

SESSION – Aug 2025

SUBJECT- BASIC ELECTRONIC TECHNOLOGY

LOAD: L-3, T-0 P-0

SUBJECT CODE- ESC-101A

Details:

Total Lecture	Propose Date	Topics to be covered	Actual Date
01	13-8-25	Unit 1: DC Circuits: Basic definitions, Electrical circuit elements (R, L and C),	13-8-25
02	14-8-25	voltage and current sources	14-8-25
03	20-8-25	Ohm's law, Ohm's law and its limitations	20-8-25
04	21-8-25	Kirchhoff current and voltage laws	21-8-25
05	22-8-25	analysis of simple circuits	22-8-25
06	27-8-25	dc excitation by mesh analysis and node analysis	27-8-25
07	28-8-25	Superposition, Thevenin's THEOREM	28-8-25
08	03-9-25	NORTAN Theorem	03-9-25
09	04-9-25	Maximum Power Transfer Theorems, NUMERICALS	04-9-25
10	05-9-25	Unit2 AC Circuits: Representation of sinusoidal wave forms	05-9-25
11	10-9-25	peak and rms values, phasor representation	10-9-25
12	11-9-25	real power, reactive power	13-9-25 Extra class
13	12-9-25	apparent power, power factor	12-9-25
14	17-9-25	Analysis of single- phase ac circuits consisting of R	17-9-25
15	18-9-25	Analysis of single- phase ac circuits consisting of L	20-9-25
16	19-9-25	Analysis of single- phase ac circuits consisting of C,RL	19-9-25
17	24-9-25	Analysis of single- phase ac circuits consisting of RC	24-9-25
18	25-9-25	Analysis of single- phase ac circuits consisting of RLC	25-9-25
19	26-9-25	Resonance, NUMERICALS	26-9-25
20	1-10-25	Unit 3 Poly Phase Systems: Advantages of 3-phase systems	1-10-25
21	3-10-25	generation of 3-phase voltages, three phase connections (star and delta)	3-10-25
22	8-10-25	voltage and current relations in star and delta connections, phase powers	8-10-25

23	9-10-25	analysis of 3-phase balanced circuits,	9-10-25
24	23-10-25	measurement of 3-phase power- 2 wattmeter method	
25	24-10-25	Unit4 Transformers: Magnetic Circuits construction and working of single-phase transformer, ideal and practical transformer	
26	29-10-25	Equivalent circuit, losses in transformers, regulation and efficiency, auto transformer	
27	30-10-25	Unit 5 Electrical Machines: Induction motor, principle and working of a three-phase induction motor	
28	31-10-25	Single-phase induction motor, Construction, principle and working, Applications	
29	06-11-25	UNIT 6 DC machine: Construction, principle and working of dc motor	
30	07-11-25	Construction, principle and working of dc GENERATOR, Applications Synchronous machine	
31	12-11-25	Construction, principle and working of synchronous motor, Construction, principle and working of generators and applications	
32	13-11-25	Unit 7: Electrical Installations: Components of LT Switchgear	
33	14-11-25	Fuses, MCB, ELCB, MCCB	
34	19-11-25	Power factor improvement	
35	20-11-25	Previous year paper solution	
36	21-11-25	Previous year paper solution	

DELHI COLLEGE OF TECHNOLOGY AND MANAGEMENT, PALWAL
LESSON PLAN

SESSION – Aug 2025

LOAD: L-3, T-0 P-0

SUBJECT- English

SUBJECT CODE- HSMC-101

Details:

Total Lecture	Propose Date	Topics to be covered	Actual Date
01	2/9/2025	Concept of Word Formation	2/9/2025
02	3/9/2025	Presentation & Examples of word formation	3/9/2025
03	4/9/2025	Root words from foreign languages and their use in English	4/9/2025

04	5/9/2025	Acquaintance with prefix and suffixes	5/9/2025
05	8/9/2025	Exercises on prefixes and suffixes	8/9/2025
06	9/9/2025	Synonyms	9/9/2025
07	10/9/2025	Antonyms	10/9/2025
08	11/9/2025	Exercise on Synonym & Antonym	11/9/2025
09	12/9/2025	Standard Abbreviations	12/9/2025
10	15/9/2025	Practice and exercise on abbreviations/acronyms/initials	15/9/2025
11	16/9/2025	Test of unit-1	16/9/2025
12	17/9/2025	Meaning and concept of Sentence Structure	17/9/2025
13	18/9/2025	Practice and Exercise on Sentence Structure	18/9/2025
14	19/9/2025	Use of phrases in sentences	19/9/2025
15	23/9/2025	Use of clauses in Sentences	23/9/2025
16	24/9/2025	Importance of proper punctuation	24/9/2025
17	25/9/2025	Exercise on punctuation	25/9/2025
18	26/9/2025	Assignment	26/9/2025
19	29/9/2025	Meaning of Creating coherence	29/9/2025
20	30/9/2025	Organizing principles of paragraphs in documents	30/9/2025
21	01-10-25	Techniques for writing precisely	01-10-25
22	8-10-25	Subject verb agreement	8-10-25
23	9-10-25	Noun – pronoun agreement	9-10-25
24	23-10-25	Articles	

25	28-10-25	Misplaced Modofiers	
26	29-10-25	Practice and excercises	
27	30-10-25	Revision	
28	4-11-25	Revision	
29	6-11-25	Revision	
30	11-11-25	Revision	
31	12-11-25	Revision	
32	13-11-25	Revision	
33	14-11-25	Previous year paper solution	
34	19-11-25	Previous year paper solution	
35	20-11-25	Previous year paper solution	
36	21-11-25	Previous year paper solution	

DELHI COLLEGE OF TECHNOLOGY AND MANAGEGEMENT, PALWAL
LESSON PLAN

SESSION – Aug 2025

LOAD: L-3, T-0 P-0

SUBJECT- MATHEMATICS-I

SUBJECT CODE- BSC-103E

Details:

Total Lecture	Propose Date	Topics to be covered	Actual Date
01	12-8-25	MODULE1: CALCULUS: Evolutes	12-8-25
02	13-8-25	involute	13-8-25
03	14-8-25	Evaluation of definite integral	14-8-25
04	19-8-25	Problems of Evaluation of definite integral	19-8-25
05	20-8-25	Evaluation of improper integral	20-8-25
06	21-8-25	Problems of Evaluation of improper integral	21-8-25

07	26-8-25	Beta and Gamma functions	26-8-25
08	27-8-25	Problems of beta functions	27-8-25
09	28-8-25	Gamma functions	28-8-25
10	02-9-25	Problems of gamma functions	02-9-25
11	03-9-25	Applications of definite integrals	03-9-25
12	04-9-25	surface areas and volumes of revolutions, PROBLEMS	04-9-25
13	09-9-25	MODULE2 CALCULUS: Rolle's theorem	09-9-25
14	10-9-25	Mean value theorem	10-9-25
15	11-9-25	Taylor's theorems	11-9-25
16	16-9-25	Maclaurin 's THEOREM	16-9-25
17	17-9-25	Indeterminate forms, PROBLEMS	17-9-25
18	18-9-25	L'Hospital's rule	18-9-25
19	23-9-25	Maxima and minima	23-9-25
20	24-9-25	Unit 3 rd : Matrices ,Addition & Scalar Multiplication of matrices	24-9-25
21	25-9-25	Inverse of matrix by Gauss elimination method	25-9-25
22	01-10-25	Rank of Matrix, PROBLEMS	01-10-25
23	8-10-25	Determinants, Linear system of equation	8-10-25
24	9-10-25	Cramer's rule, Vectors	9-10-25
25	23-10-25	UNIT IV : Vector space: Linear dependence of vectors, Basis	
26	28-10-25	Dimension	
27	29-10-25	Linear transformation	
28	30-10-25	Range & kernel of linear transformation	
29	4-11-25	Rank & Nullity	
30	6-11-25	Inverse of a linear transformation, Rank & nullity theorem	
31	11-11-25	Composition of linear transformation	
32	12-11-25	Matrix associated with linear map	
33	13-11-25	UNIT 5: Eigen value & Eigen vectors	
34	18-11-25	Symmetric & Skew symmetric matrices	

35	19-11-25	Orthogonal matrices, Diagonalization of matrices	
36	20-11-25	Inner product space	
37	23-8-25 Extra class	Gram-Schmidt orthogonal process	
38	13-9-25 Extra class	REVISION	
39	27-09-25 Extra class	REVISION	
40	11-10-25 Extra class	Previous year paper solution	
41	25-10-25 Extra class	Previous year paper solution	
42	8-11-25 Extra class	Previous year paper solution	
43	8-11-25 Extra class	Previous year paper solution	

DELHI COLLEGE OF TECHNOLOGY AND MANAGEMENT, PALWAL

LESSON PLAN

SESSION – Aug 2025

SUBJECT:-IT WORKSOP

LOAD: L-3, T-0 P-0

Total Lecture	Propose Date	Topic(including assignment/test)	Actual Date
01	13-8-25	Introduction to MATLAB	13-8-25
02	14-8-25	To Find Reverse of a list	14-8-25
03	20-8-25	Writing your first MATLAB program	20-8-25
04	21-8-25	Write a program to perform simple calculation in command window.	21-8-25
05	22-8-25	Write a program to check greater number in command window	22-8-25
06	27-8-25	Write a program to calculate simple interest in command window.	27-8-25
07	28-8-25	Write a program to perform matrix addition in command window.	28-8-25
08	03-9-25	Write a program to add two numbers in editor window	03-9-25
09	04-9-25	Write a program to find factorial of number in editor window	04-9-25

10	05-9-25	Write a program to display first 10 natural numbers in editor window.	05-9-25
11	10-9-25	Write a program to find addition of two numbers in editor window	10-9-25
12	11-9-25	Write a program to plot a line.	11-9-25
13	12-9-25	Write a program to create a multidimensional graph.	12-9-25

3rd

DELHI COLLEGE OF TECHNOLOGY AND MANAGEGEMENT, PALWAL LESSON PLAN

SESSION – Aug 2025

SUBJECT:-DSA

Subject code:- PCC-CS-301

LOAD: L-4, T-0 P-0

Total Lecture	Propose Date	Topic	ACTUAL DATE
01	13-8-25	Basic Terminologies: Elementary Data Organizations	13-8-25
02	14-8-25	Data Structure Operations: Insertion, Deletion, Traversal	14-8-25
03	20-8-25	Analysis of an Algorithm	20-8-25
04	21-8-25	Asymptotic Notations	21-8-25
05	22-8-25	Asymptotic Notations	22-8-25
06	27-8-25	Time and space trade- offs	27-8-25
07	28-8-25	Searching: Linear Search and Complexity Analysis	28-8-25
08	03-9-25	Searching :Binary Search and Complexity Analysis	03-9-25
09	04-9-25	ADT Stack and Its Operations	04-9-25
10	05-9-25	ADT Stack :Algorithms and their Complexity Analysis	05-9-25
11	10-9-25	Application of Stacks : Expression Conversion and Evaluation	10-9-25
12	11-9-25	Application of Stacks: Expression Conversion and Evaluation	11-9-25

13	12-9-25	Application of Stacks :Expression Conversion and Evaluation	12-9-25
14	17-9-25	Expression Conversion : Algorithm and Complexity Analysis	17-9-25
15	18-9-25	ADT Queue,Types of Queue :Simple Queue ,Circular Queue	18-9-25
16	19-9-25	Types of Queue: Priority Queue	19-9-25
17	24-9-25	Operations on each types of Queue: Algorithm and Analysis	24-9-25
18	25-9-25	Singly Linked Lists	25-9-25
19	26-9-25	Representation in Memory, Algorithms	26-9-25
20	1-10-25	Traversing, Searching, Insertion in to Linked List	1-10-25
21	3-10-25	Deletion from Linked List	3-10-25
22	8-10-25	Linked Representation of Stack	8-10-25
23	9-10-25	Linked Representation of Queue	9-10-25
24	17-10-25	Header Node	
25	24-10-25	Doubly LinkedList	
26	27-10-25	Doubly Linked List: Operations on it	
27	28-10-25	Doubly Linked List: Algorithmic Analysis	
28	29-10-25	Circular Linked Lists	
29	30-10-25	CircularLinkedLists:Operations	
30	31-10-25	Circular Linked Lists :Algorithms and Complexity Analysis	
31	03-11-25	Trees: Basic Tree Terminologies	

32	04-11-25	Different Types of Trees : Binary Tree	
33	05-11-25	Threaded Binary Tree	
34	06-11-25	Binary Search Tree ,AVL Tree	
35	07-11-25	Tree Operations on each of trees	
36	10-11-25	Algorithm and Complexity Analysis	
37	11-11-25	Applications of Binary Tree, B Tree	
38	12-11-25	B+Tree: Definitions, Algorithms and Analysis	
39	13-11-25	Objective and Properties of Sorting Algorithms	
40	14-11-25	Selection Sort, Bubble Sort	
41	17-11-25	Insertion Sort, Quick Sort,	
42	18-11-25	Merge Sort, Heap Sort	
43	19-11-25	Performance and Comparison among all Methods	
44	20-11-25	Hashing and Collision Resolution, Graph:Basic Terminologies and Representation	
45	21-11-25	Hashing and Collision Resolution Graph search and traversal Algorithms and Complexity Algorithm	

DELHI COLLEGE OF TECHNOLOGY AND MANAGEMENT, PALWAL
LESSON PLAN

SESSION – Aug 2025

LOAD: L-4, T-0 P-0

SUBJECT:-Digital Electronics

Subject Code-ESC-302

Total Lecture	Propose Date	Topic	ACTUAL DATE
01	13-8-25	Introduction and Digital signals, digital circuits.	13-8-25
02	14-8-25	AND, OR, NOT, NAND, NOR and Exclusive-OR Operations.	14-8-25
03	20-8-25	Number systems-binary, signed binary, octal hexa decimal numbers	20-8-25

04	21-8-25	One's and two's complements arithmetic, codes	21-8-25
05	22-8-25	error detecting and correcting codes, characteristics of digital ICs, digital logic families	22-8-25
06	27-8-25	TTL, Schottky TTL and CMOS logic, interfacing CMOS and TTL, Tri-state logic.	27-8-25
07	28-8-25	Revision of unit-1.	28-8-25
08	03-9-25	Standard representation for logic functions	03-9-25
09	04-9-25	K-map representation	04-9-25
10	05-9-25	Simplification of logic functions using K-map	05-9-25
11	10-9-25	Minimization of logical functions	10-9-25
12	11-9-25	Don't care conditions,	11-9-25
13	12-9-25	Multiplexer, De-Multiplexer/Decoders,	12-9-25
14	17-9-25	Adders, Subtractors,	17-9-25
15	18-9-25	BCD arithmetic,	18-9-25
16	19-9-25	Carry look ahead adder	19-9-25
17	24-9-25	Serial adder, ALU	24-9-25
18	25-9-25	Elementary ALU design,	25-9-25
19	26-9-25	Popular MSI chips	26-9-25
20	1-10-25	Digital comparator,	1-10-25
21	3-10-25	Parity checker/ generator,	3-10-25
22	8-10-25	Code converters	8-10-25
23	9-10-25	Priority encoders	9-10-25
24	17-10-25	Decoders/ drivers for display devices	
25	24-10-25	Q-M method of function realization.	
26	27-10-25	Revision of unit-2.	

27	28-10-25	Assignment of unit-1 & unit-2	
28	29-10-25	Prectice of Unit-1 and unit-2.	
29	30-10-25	A1-bit memory	
30	31-10-25	The circuit properties of Bistable latch	
31	03-11-25	The clocked SR flipflop	
32	04-11-25	J-K-T and D types flipflops,	
33	05-11-25	J-K-T and D types flipflops,	
34	06-11-25	Shift registers, applications of shift registers	
35	07-11-25	Assignment-2 (Unit-3)	
36	10-11-25	Serial to parallel converter, parallel to serial converter, ring counter, sequence generator, ripple (Asynchronous) Counters, synchronous counters,	
37	11-11-25	Sessionl -1	
38	12-11-25	Sessional-1	
39	13-11-25	Sessional-1	
40	14-11-25	Counters design using flipflops, special counter IC's, asynchronous sequential counters, applications of counters.	
41	17-11-25	Rivision of unit-3.	
42	18-11-25	Digital to analog converters: weighted resistor/converter,	
43	19-11-25	R-2R LadderD/Aconverter.Successive approximation, A/D convertor	
44	20-11-25	Specifications for D/Aconverters, Quantization and encoding	
45	21-11-25	Examples of D/Aconverter ICs, sample and hold circuit,Analog to digital converter	

DELHI COLLEGE OF TECHNOLOGY AND MANAGEMENT, PALWAL**LESSON PLAN****SESSION – Aug 2025****SUBJECT- Engineering Mechanics****LOAD: L-3, T-0 P-0****SUBJECT CODE- ESC-203-R****Details:**

Total Lecture	Propose Date	Topics to be covered	Actual Date
01	12-8-25	Unit-I: Introduction to Mechanics, Method of sections, Zero-force member	12-8-25
02	13-8-25	Fundamental Principles, Coplanar forces,	13-8-25
03	14-8-25	Equilibrium of particles, Free body diagram	14-8-25
04	19-8-25	Equilibrium of particle in space, Single equivalent force	19-8-25
05	20-8-25	Equilibrium of rigid bodies in two dimensions	20-8-25
06	21-8-25	Analysis of plane trusses, Method of joints	21-8-25
07	26-8-25	Unit-II: Characteristics of dry friction,	26-8-25
08	27-8-25	Problems involving dry friction	27-8-25
09	28-8-25	Ladder, Wedges, Square threaded screws	28-8-25
10	02-9-25	System of connected rigid bodies, Degrees of freedom	02-9-25
11	03-9-25	Conservative forces, Potential energy,	03-9-25
12	04-9-25	Potential energy criteria for equilibrium.	04-9-25
13	09-9-25	Unit-III: Centroid, Mass moment of inertia	09-9-25
14	10-9-25	First moment of area, Theorems of Pappus and Guldinus	10-9-25
15	11-9-25	Second moment of area, Moment and Product of inertia of plane areas	11-9-25
16	16-9-25	Transfer Theorems, Polar moment of inertia, Principal axes	16-9-25
17	17-9-25	Problem Practice unit-1	17-9-25
18	18-9-25	Problem Practice unit-2	18-9-25
19	23-9-25	Problem Practice unit-3	23-9-25
20	24-9-25	Definition of virtual work, Principle of virtual work	24-9-25
21	25-9-25	Moment of Inertia	25-9-25
22	01-10-25	Revision for Mid term	01-10-25
23	8-10-25	Midterm Exam	8-10-25

24	9-10-25	Unit-IV: Position, Velocity and Acceleration, Tangential	9-10-25
25	23-10-25	Rectilinear motion, Curvilinear motion of a particle,	
26	28-10-25	Normal components, Radial and Transverse components	
27	29-10-25	Rotation of rigid bodies about a fixed	
28	30-10-25	Unit-V: General plane motion, D'Alembert's principle of work and energy	
29	4-11-25	Absolute and relative motion method	
30	6-11-25	Instantaneous centre of rotation in plane motion	
31	11-11-25	Linear momentum, Equation of motion	
32	12-11-25	Angular momentum of a particle and rigid body in plane motion	
33	13-11-25	Particle rigid body in plane motion,	
34	18-11-25	Unit-V: Conservation of energy for a particle, System of rigid bodies,	
35	19-11-25	Principle of impulse and momentum	
36	20-11-25	Rigid bodies in plane motion	
37	23-8-25 Extra class	Impact, direct and central impact, coefficient of restitution	
38	13-9-25 Extra class	Conservation of momentum	
39	27-09-25 Extra class	Revision	
40	11-10-25 Extra class	Previous year paper solution	
41	25-10-25 Extra class	Previous year paper solution	
42	8-11-25 Extra class	Previous year paper solution	
43	8-11-25 Extra class	Previous year paper solution	

DELHI COLLEGE OF TECHNOLOGY AND MANAGEGEMENT, PALWAL
LESSON PLAN

SESSION – Aug 2025
LOAD: L-3, T-0 P-0
Details:

SUBJECT- FLUID MECHANICS
SUBJECT CODE- PCC-ME-303/21

Total Lecture	Propose Date	Topics to be covered	Actual Date
01	12-8-25	UNIT 1 Introduction and Fluid Statics: Definition of fluid	12-8-25
02	13-8-25	Newton's law of viscosity	13-8-25
03	14-8-25	properties of fluids, mass density	14-8-25
04	19-8-25	specific volume, specific gravity	19-8-25
05	20-8-25	Viscosity, surface tension	20-8-25
06	21-8-25	Stability of floating Bodies	21-8-25
07	26-8-25	Submerged bodies,	26-8-25
08	27-8-25	Determination of meta centric height, Numerical Problems	27-8-25
09	28-8-25	UNIT 2 Fluid Kinematics and Fluid Dynamics: Different types of flows, Continuity equation	28-8-25
10	02-9-25	applications of continuity equation, momentum equation	02-9-25
11	03-9-25	Euler's equation	03-9-25
12	04-9-25	Bernoulli's equation and its applications	04-9-25
13	09-9-25	Venturi meter	09-9-25
14	10-9-25	Orificemete	10-9-25
15	11-9-25	Rotameter, Numerical Problems	11-9-25
16	16-9-25	Unit 3 Laminar flow through pipes and Boundary Layer Exact flow solutions in channels	16-9-25
17	17-9-25	Exact flow solutions in ducts	17-9-25
18	18-9-25	Couette	18-9-25
19	23-9-25	Poisuielle flow	23-9-25
20	24-9-25	laminar flow through circular conduits	24-9-25
21	25-9-25	concept of boundary layer	25-9-25
22	01-10-25	measurement of boundarylayer thickness	01-10-25
23	8-10-25	Von-Karman integral Momentum equation for boundary layer	8-10-25
24	9-10-25	Darcy Weisbach equation	9-10-25
25	23-10-25	friction factor	
26	28-10-25	Numerical Problems	

27	29-10-25	UNIT 3 Dimensional Analysis: Need for dimensional analysis	
28	30-10-25	methods of dimension analysis	
29	4-11-25	Similitude, types of similitude	
30	6-11-25	Dimensionless parameters, application of dimensionless	
31	11-11-25	similitude laws	
32	12-11-25	Model testing of turbines and pumps	
33	13-11-25	UNIT 5 Hydraulic Turbines: Euler's equation	
34	18-11-25	theory of Roto dynamic machines, Introduction to hydro power plan	
35	19-11-25	Pelton turbine,Francisturbine	
36	20-11-25	Kaplan turbines and their working principles,	
37	23-8-25 Extra class	Unit6: Pumps Centrifugal pumps: workingprinciple	
38	13-9-25 Extra class	Various heads and efficiencies	
39	27-09-25 Extra class	velocity triangles, work done by the impeller	
40	11-10-25 Extra class	Reciprocating pump	
41	25-10-25 Extra class	Indicator Diagram	
42	8-11-25 Extra class	Velocity components at entry and exit of the rotor	
43	8-11-25 Extra class	Velocity components at entry and exit of the rotor	

DELHI COLLEGE OF TECHNOLOGY AND MANAGEGEMENT, PALWAL
LESSON PLAN

SESSION: Aug 2025 Btech 3/5

SUBJECT:- Effective Technical Communication

LOAD: L-4, T-0 P-0

Total Lecture	Propose Date	Topics to be covered	Actual Date
01	13-8-25	Topic	13-8-25
02	14-8-25	Introduction Class	14-8-25
03	20-8-25	Background knowledge	20-8-25
04	21-8-25	Technical Documents	21-8-25

05	22-8-25	Information Development Cycle	22-8-25
06	27-8-25	Organization Structure and strategies	27-8-25
07	28-8-25	Corporate and functional strategies	28-8-25
08	03-9-25	Information and document design	03-9-25
09	04-9-25	Forms of discourse in technical writing	04-9-25
10	05-9-25	Editing, drafting and revising	05-9-25
11	10-9-25	Collaborative writing	10-9-25
12	11-9-25	Creating index	13-9-25 Extra class
13	12-9-25	Effective technical writing tips	12-9-25
14	17-9-25	Basics of grammar	17-9-25
15	18-9-25	Advanced grammar	20-9-25
16	19-9-25	Advanced technical communication	19-9-25
17	24-9-25	Innovative technical strategies	24-9-25
18	25-9-25	Managing technical communication projects	25-9-25
19	26-9-25	Single Sourcing and time estimation	26-9-25
20	1-10-25	Usability and human factor	1-10-25
21	3-10-25	Localization	3-10-25
22	8-10-25	Self-assessment	8-10-25
23	9-10-25	Self-awareness	9-10-25
24	17-10-25	Self-awareness	
25	24-10-25	Self-esteem	
26	27-10-25	Personal goal setting, personal memory	

27	28-10-25	Career planning	
28	29-10-25	Value and belief	
29	30-10-25	Attitude and perception	
30	31-10-25	Time management	
31	03-11-25	Taking notes	
32	04-11-25	Rapid reading, creativity	
33	05-11-25	Public speaking	
34	06-11-25	Group discussion	
35	07-11-25	Presentation	
36	10-11-25	Interview	
37	11-11-25	Project Proposal	
38	12-11-25	Memos and MOM	
39	13-11-25	Brochure	
40	14-11-25	Newsletter	
41	17-11-25	Manuals	
42	18-11-25	Business Letter	
43	19-11-25	Technical Articles	
44	20-11-25	Report Writing	
45	21-11-25	Ethics and etiquettes	

DELHI COLLEGE OF TECHNOLOGY AND MANAGEMENT, PALWAL

LESSON PLAN

SESSION – Aug 2025

SUBJECT:-Analog/ESC- 301

LOAD: L-4, T-0 P-0

Total Lecture	Propose Date	Topic	ACTUAL DATE
01	13-8-25	P-Njunction diode	13-8-25
02	14-8-25	review of half-wave	14-8-25
03	20-8-25	full-wave rectifiers	20-8-25
04	21-8-25	Z enerdiodes	21-8-25
05	22-8-25	clamping and clipping circuits.	22-8-25
06	27-8-25	Structure and I-V characteristics of a BJT	27-8-25
07	28-8-25	BJT as a switch	28-8-25
08	03-9-25	BJT as an amplifier	03-9-25
09	04-9-25	small-signal model	04-9-25
10	05-9-25	bia single circuits	05-9-25
11	10-9-25	bia single circuits	10-9-25
12	11-9-25	current mirror	11-9-25
13	12-9-25	common-emitter	12-9-25
14	17-9-25	common-base	17-9-25
15	18-9-25	common collector amplifiers	18-9-25
16	19-9-25	Small signal Equivalentent circuits	19-9-25
17	24-9-25	Small signal equivalentent circuits	24-9-25
18	25-9-25	high-frequency equivalentent circuits	25-9-25
19	26-9-25	high-frequency equivalentent circuits	26-9-25
20	1-10-25	Differential amplifier	1-10-25
21	3-10-25	power amplifier	3-10-25

22	8-10-25	direct coupled multi-stage amplifier	8-10-25
23	9-10-25	direct coupled multi-stage amplifier	9-10-25
24	17-10-25	internal structure of an operational amplifier	
25	24-10-25	ideal op-amp,	
26	27-10-25	internal structure of an operational amplifier	
27	28-10-25	non-idealities in an op-amp(Output offset voltage)	
28	29-10-25	non-idealities in an op-amp(Output offset Voltage)	
29	30-10-25	input bias current,input offset current, slew rate, gain bandwidth product	
30	31-10-25	slew rate,gain bandwidth product	
31	03-11-25	slew rate,gain bandwidth product	
32	04-11-25	OP-AMP CIRCUITS	
33	05-11-25	Idealized analysis of op-amp circuits,.	
34	06-11-25	Inverting and non-inverting amplifier	
35	07-11-25	differential amplifier	
36	10-11-25	instrumentation amplifier	
37	11-11-25	integrator,active filter	
38	12-11-25	P,PIand PID controllers	
39	13-11-25	P,PIand PID controllers	
40	14-11-25	P,PIand PID controllers	

41	17-11-25	lead/lag compensator using an op-amp	
42	18-11-25	lead/lag compensator using an op-amp	
43	19-11-25	voltage regulator	

DELHI COLLEGE OF TECHNOLOGY AND MANAGEMENT, PALWAL
LESSON PLAN

SESSION – Aug 2025

LOAD: L-3, T-0 P-0

SUBJECT- STRENGTH OF MATERIALS-I

SUBJECT CODE- PCC-ME-302/21

Details:

Total Lecture	Propose Date	Topics to be covered	Actual Date
01	12-8-25	UNIT Stress, Strain and Deformation of Solids: Rigid bodies	12-8-25
02	13-8-25	deformable solids	13-8-25
03	14-8-25	Tension	14-8-25
04	19-8-25	Compression	19-8-25
05	20-8-25	Shear Stresses	20-8-25
06	21-8-25	Hooke's law, Elastic constants	21-8-25
07	26-8-25	Elastic constants and their relations	26-8-25
08	27-8-25	Plastic behavior of materials	27-8-25
09	28-8-25	Deformation of simple and compound bars	28-8-25
10	02-9-25	Thermal stresses, compound bars, Thermal stresses	02-9-25
11	03-9-25	Volumetric strains, Stresses on inclined planes	03-9-25
12	04-9-25	Principal stresses and principal planes	04-9-25
13	09-9-25	Mohr's circle of stress. Numerical Problems	09-9-25
14	10-9-25	Unit 2 Transverse Loading on Beams and Stresses in Beams: Types of beams,	10-9-25
15	11-9-25	Transverse loading, Shear force, Bending moment in beams	11-9-25
16	16-9-25	Bending stress distribution and neutral axis	16-9-25
17	17-9-25	Shear stress distribution, Load carrying capacity	17-9-25
18	18-9-25	Proportioning of section & numericals	18-9-25
19	23-9-25	Unit 3 Deflection of Beams Double Integration method	23-9-25
20	24-9-25	Macaulay's method Area moment method for computation of slopes	24-9-25

21	25-9-25	Deflections in beams, Conjugate beam and strain energy	25-9-25
22	01-10-25	Castigliano's & Maxwell's theorems, NUMERICALS	01-10-25
23	8-10-25	Unit 4 Torsion: Torsion: Torsion formulation stresses	8-10-25
24	9-10-25	deformation in circular and hollow shafts	9-10-25
25	23-10-25	Stepped shafts	
26	28-10-25	Deflection in shafts fixed at the both ends	
27	29-10-25	Stresses in helical springs	
28	30-10-25	Deflection of helical springs	
29	4-11-25	carriage springs, NUMERICALS	
30	6-11-25	UNIT 5 Thin Cylinders, Spheres and Thick Cylinders: Stresses in thin cylindrical shell due to internal pressure,	
31	11-11-25	Stresses in thin cylindrical shell due to internal pressure	
32	12-11-25	circumferential	
33	13-11-25	and longitudinal stresses	
34	18-11-25	deformation in thin cylinders	
35	19-11-25	UNIT 3 Dimensional Analysis: deformation in thick cylinders	
36	20-11-25	Spherical shells subjected to internal pressure	
37	23-8-25 Extra class	Spherical shells subjected to internal pressure, numericals	
38	13-9-25 Extra class	numerical	
39	27-09-25 Extra class	Deformation in spherical shells, Lamé's theorem	
40	11-10-25 Extra class	Lamé's theorem	
41	25-10-25 Extra class	Lamé's theorem	
42	8-11-25 Extra class	numerical	
43	8-11-25 Extra class	Previous year question papers	

DELHI COLLEGE OF TECHNOLOGY AND MANAGEMENT, PALWAL LESSON PLAN

SESSION – Aug 2025
LOAD: L-4, T-0 P-0

SUBJECT:-CALCULAS AND ORDINARY EQUATION

Total Lecture	Propose Date	Topic	ACTUAL DATE
01	13-8-25	Basic of sequence and series, comparison test	13-8-25
02	14-8-25	Ratio test of series	14-8-25
03	20-8-25	Raabe's test of series	20-8-25
04	21-8-25	Logarithmic test of series	21-8-25
05	22-8-25	Cauchy root test and Cauchy integral test	22-8-25
06	27-8-25	Leibnitz's test for alternating series	27-8-25
07	28-8-25	Absolute and conditional convergence	28-8-25
08	03-9-25	Power and Taylor series	03-9-25
09	04-9-25	Exponential series of log and trigonometric functions	04-9-25
10	05-9-25	Basic of limit and continuity	05-9-25
11	10-9-25	Partial derivative	10-9-25
12	11-9-25	Directional derivatives	11-9-25
13	12-9-25	Tangent and normal plane	12-9-25
14	17-9-25	Maxima and minima	17-9-25
15	18-9-25	Lagrange method of multipliers	18-9-25
16	19-9-25	Gradient of scalar function	19-9-25
17	24-9-25	Divergence of vector function	24-9-25
18	25-9-25	Curl of vector function	25-9-25
19	26-9-25	Calculation of double integration	26-9-25
20	1-10-25	Triple integration	1-10-25

21	3-10-25	Change of order of integration	3-10-25
22	8-10-25	Change of variable	8-10-25
23	9-10-25	Green theorem	9-10-25
24	17-10-25	Gauss divergence theorem	
25	24-10-25	Stock theorem	
26	27-10-25	Orthogonal curve linear coordinates	
27	28-10-25	Simple application of cubes and sphere	
28	29-10-25	Application of parallelepipeds	
29	30-10-25	Exact equation of first derivative	
30	31-10-25	Linear diff.equation	
31	03-11-25	Bernoulli's equation	
32	04-11-25	Euler's equation	
33	05-11-25	Solve for p	
34	06-11-25	Solve for x and y	
35	07-11-25	Clairaut equation	
36	10-11-25	Complementary and particular integral	
37	11-11-25	Questions of c.f. and p.i	
38	12-11-25	Practice of Questions of c.f. and p.i	
39	13-11-25	Method of variation of parameters	

40	14-11-25	Cauchy Euler equation	
41	17-11-25	Power series solution	
42	18-11-25	Revision	
43	19-11-25	Legendre's equation	
44	20-11-25	Bessel function of first kind	
45	21-11-25	Questions of Bessel function	

5th

DELHI COLLEGE OF TECHNOLOGY AND MANAGEMENT, PALWAL
LESSON PLAN

SESSION – Aug 2025

CSE V SUBJECT- FLA

LOAD: L-3, T-0 P-0

SUBJECT CODE- PCS-CS-502 Details:

Total Lecture	Propose Date	Topics to be covered	Actual Date
01	12-8-25	MODULE-1: FORMAL LANGUAGES AND AUTOMATA THEORY: Alphabet, languages and grammars,	12-8-25
02	13-8-25	productions and derivation	13-8-25
03	14-8-25	Chomsky hierarchy of languages	14-8-25
04	19-8-25	Regular Expression and Finite Automata: Deterministic Finite Automata (DFA) & Nondeterministic Finite Automata (NFA).	19-8-25
05	20-8-25	Context-free grammars (CFG) and languages (CFL)	20-8-25
06	21-8-25	Ambiguity in CFG	21-8-25
07	26-8-25	Chomsky and Greibach normal forms	26-8-25
08	27-8-25	Nondeterministic	27-8-25
09	28-8-25	deterministic pushdown automata (PDA)	28-8-25
10	02-9-25	Introduction to Context-sensitive languages	02-9-25
11	03-9-25	linear bounded automata	03-9-25
12	04-9-25	Introduction to Turing machines.	04-9-25
13	09-9-25	MODULE-2: COMPILER DESIGN-ANALYSIS: Phases of compilation and overview	09-9-25

14	10-9-25	Lexical Analysis (scanner): generator (lex)	10-9-25
15	11-9-25	Flex scanner	11-9-25
16	16-9-25	Syntax Analysis (Parser): ambiguity LL(1) grammars	16-9-25
17	17-9-25	top-down parsing	17-9-25
18	18-9-25	operator precedence parser	18-9-25
19	23-9-25	bottom up parsing: LR(0)	23-9-25
20	24-9-25	SLR(1)	24-9-25
21	25-9-25	LR(1)	25-9-25
22	01-10-25	LALR(1)	01-10-25
23	8-10-25	Semantic Analysis: Attribute grammars	8-10-25
24	9-10-25	syntax directed definition	9-10-25
25	23-10-25	evaluation	
26	28-10-25	flow of attribute in a syntax tree.	
27	29-10-25	MODULE-3: COMPILER DESIGN-SYNTHESIS: Symbol Table	
28	30-10-25	Symbol Table structure symbol attributes and management	
29	4-11-25	Intermediate Code Generation: Translation of different language features	
30	6-11-25	different types of intermediate forms, Intermediate code optimization.	
31	11-11-25	Machine code Generation	
32	12-11-25	optimization	
33	13-11-25	Instruction scheduling (for pipeline)	
34	18-11-25	loop optimization (for cache memory) etc	
35	19-11-25	Register allocation	
36	20-11-25	target code generation	
37	23-8-25 Extra class	Problem solving	
38	13-9-25 Extra class	Problem solving	
39	27-09-25 Extra class	Problem solving	
40	11-10-25 Extra class	Problem solving	
41	25-10-25 Extra class	Problem solving	

42	8-11-25 Extra class	Previous year paper solution	
43	8-11-25 Extra class	Previous year paper solution	

DELHI COLLEGE OF TECHNOLOGY AND MANAGEMENT, PALWAL

LESSON PLAN

SESSION – Aug 2025

CSE V SUBJECT- ACA

LOAD: L-3, T-0 P-0

SUBJECT CODE- PEC-CS-S-501

Details:

Total Lecture	Propose Date	Topics to be covered	Actual Date
01	13-8-25	MODULE-1: introduction Some definition and terms	13-8-25
02	14-8-25	interpretations and microprogramming	14-8-25
03	20-8-25	Basic Data type	20-8-25
04	21-8-25	Instructions set (I/S,R/M,R+M architecture)	21-8-25
05	22-8-25	instructions (classes, mnemonics, conventions)	22-8-25
06	27-8-25	computer architectural classification scheme	27-8-25
07	28-8-25	Flyn's classification	28-8-25
08	03-9-25	system attribute to performance	03-9-25
09	04-9-25	problem solving	04-9-25
10	05-9-25	module -1 revision	05-9-25
11	10-9-25	Module	10-9-25
12	11-9-25	MODULE-2: program and network properties Conditions of parallelism	13-9-25 Extra class
13	12-9-25	data and resources dependencies	12-9-25
14	17-9-25	Hardware and software parallelism	17-9-25
15	18-9-25	Pattern partitioning and scheduling	20-9-25
16	19-9-25	Grain size and latency	19-9-25

17	24-9-25	Program flow mechanism	24-9-25
18	25-9-25	control flow versus data flow	25-9-25
19	26-9-25	Demand driven machanism , comparison of flow machanism Introduction to data level parallelism	26-9-25
20	1-10-25	MODULE-3: catch memory notions .	1-10-25
21	3-10-25	Basic Notion,Cache Organisation (direct, associative,set - associative and Sected)	3-10-25
22	8-10-25	Write policies and strategies for replacement	8-10-25
23	9-10-25	Introduction to different types of cache - split I and D-ache ,	9-10-25
24	23-10-25	On chip caches and two level Caches	
25	24-10-25	Doubt class	
26	29-10-25	Class test	
27	30-10-25	Module -4 memory system designs	
28	31-10-25	The physical memory ,memory module	
29	06-11-25	Error detection and correction	
30	07-11-25	Memory buffer, partitioning the address space.	
31	12-11-25	modals of sample memory processor interaction (Hellerman's, strecker's Raw)	
32	13-11-25	memory hierarchy technology :- Inclusion, coherence,and locality,	
33	14-11-25	Interleaved memory organisation virtual memory technology:- models	
34	19-11-25	TLB, Paging and segmentation	

35	20-11-25	Memory replacement policies	
36	21-11-25	revision	

DELHI COLLEGE OF TECHNOLOGY AND MANAGEMENT, PALWAL
LESSON PLAN

SESSION – Aug 2025

LOAD: L-3, T-0 P-0

CSE(V) SUBJECT- DBMS

SUBJECT CODE- ESC-501

Details:

Total Lecture	Propose Date	Topics to be covered	Actual Date
01	13-8-25	MODULE:-1 Database Architecture Data abstraction, data independence,	13-8-25
02	14-8-25	Data definition language (DDL).	23-8-25 Extra class
03	20-8-25	Data manipulation language (DML)	20-8-25
04	21-8-25	Data models:- entity- relationship modal	21-8-25
05	22-8-25	Network modals	22-8-25
06	27-8-25	relational and object oriented data models. .	27-8-25
07	28-8-25	Integrity constraints	28-8-25
08	03-9-25	data manipulation operations.	03-9-25
09	04-9-25	Revision	04-9-25
10	05-9-25	class test modal-1	05-9-25
11	10-9-25	Module:-2 relational query language; Relational algebra	10-9-25
12	11-9-25	Tuples and domain relational calculus	13-9-25 Extra class
13	12-9-25	SQL3,DDL and DML constructs	12-9-25
14	17-9-25	Open source and commercial DBMS-.	17-9-25
15	18-9-25	MYSQL, ORACLE,	20-9-25
16	19-9-25	DB2,SQL server	19-9-25

17	24-9-25	Relational databases design:- Domain and dependency	24-9-25
18	25-9-25	Armstrong's axiom,Normal forms	25-9-25
19	26-9-25	Dependency observation,lossless design	26-9-25
20	1-10-25	query 1, processing and optimization,	1-10-25
21	3-10-25	Evolution of relational algebra expression	3-10-25
22	8-10-25	query language, Jom strategies	8-10-25
23	9-10-25	query optimization algorithms.	9-10-25
24	23-10-25	Module:-3 Storage strategies	
25	24-10-25	Indices	
26	29-10-25	B-tress	
27	30-10-25	hashings	
28	31-10-25	Module:-3 Revision	
29	06-11-25	Module:-Test	
30	07-11-25	MODULE-4:-Transaction Processing , concurrency control	
31	12-11-25	ACID property , serializability of scheduling, locking and timestamp based schedulers	
32	13-11-25	Multi version and optimistic concurrency control scheme, database recovery	
33	14-11-25	Module-5 Database security,Authentication, Authorization and access control	
34	19-11-25	DAC,MAC,and RBAC models, intrusion detection,SQL injection	

35	20-11-25	Module:- 6 Advance topic: Object oriented and object relational database, logical database.	
36	21-11-25	Web database, distributed database ,data warehousing and data mining	

DELHI COLLEGE OF TECHNOLOGY AND MANAGEGEMENT, PALWAL

LESSON PLAN

SESSION – Aug 2025

LOAD: L-3, T-0 P-0

CSE(V) SUBJECT- DIP

SUBJECT CODE- PCC-AI-501

Details:

Total Lecture	Propose Date	Topics to be covered	Actual Date
02	11-8-25	MODULE-1: INTRODUCTION OF DIGITAL IMAGE PROCESSING (DIP) Introduction to the DIP areas and applications	11-8-25
02	18-8-25	Components of Digital Image Processing; Elements of Visual Perception; Image Sensing and Acquisition;	18-8-25
02	22-8-25	Image Sampling and Quantization;	22-8-25
02	25-8-25	Relationships between pixels; color models	25-8-25
02	29-8-25	MODULE 2: IMAGE ENHANCEMENT COURSE CODE Spatial Domain: Gray level transformations;	29-8-25
02	1-9-25	Histogram processing; Basics of Spatial Filtering;	1-9-25
02	5-9-25	Smoothing and Sharpening Spatial Filtering Frequency Domain	5-9-25
02	8-9-25	Introduction to Fourier Transform; Smoothing and Sharpening frequency domain filters	8-9-25
02	15-9-25	Ideal, Butterworth and Gaussian filters	15-9-25
2	19-9-25	MODULE 3: COLOR IMAGE PROCESSING Color models–RGB	19-9-25
2	26-9-25	YUV, HIS Color transformations–formulation,	26-9-25
2	29-9-25	color complements, color slicing, tone and color corrections	29-9-25
2	03-10-25	Color image smoothing and sharpening; Color Segmentation	03-10-25
2	6-10-25	MODULE 4: FEATURE EXTRACTION AND IMAGE SEGMENTATION Feature Extraction: Contour and shape dependent feature extraction	6-10-25
2	27-10-25	Extraction of textural features Segmentation: Detection of Discontinuities	
2	31-10-25	Morphological processing- erosion and dilation, point, line and edge detection,	
2	3-11-25	Thresholding, Regions Based segmentation, Edge linking and boundary detection, Hough transform	
2	7-11-25	MODULE 5: IMAGE COMPRESSION Fundamentals of redundancies,	
2	10-11-25	Basic Compression Methods: Huffman coding, Arithmetic coding	

2	14-11-25	LZW coding, JPEG Compression standard, Entropy-based schemes	
2	17-11-25	Transform-based encoding, Predictive encoding and DPCM,	
2	21-11-25	Vector quantization, Huffman coding	
2	23-8-25 Extra class	Problem solving	
2	13-9-25 Extra class	Problem solving	
2	27-09-25 Extra class	Problem solving	
2	11-10-25 Extra class	Problem solving	
2	25-10-25 Extra class	Problem solving	
2	8-11-25 Extra class	Previous year paper solution	
2	8-11-25 Extra class	Previous year paper solution	

DELHI COLLEGE OF TECHNOLOGY AND MANAGEEMENT, PALWAL
LESSON PLAN

SESSION – Aug 2025

LOAD: L-3, T-0 P-0

Btech aiml(V) SUBJECT- Computer network

SUBJECT CODE- PCC-AI-501

Details:

Total Lecture	Propose Date	Topics to be covered	Actual Date
01	13-8-25	MODULE-1: data communication components Representation of data and flow	13-8-25
02	14-8-25	Various connection topology	23-8-25 Extra class
03	20-8-25	Protocols and standards	20-8-25
04	21-8-25	OSI model	21-8-25
05	22-8-25	Transmission media	22-8-25
06	27-8-25	Wired LAN, wirelessLAN	27-8-25
07	28-8-25	Connecting LAN	28-8-25
08	03-9-25	Virtual LAN	03-9-25
09	04-9-25	Techniques for bandwidth utilization	04-9-25
10	05-9-25	FDM TDM, WDM	05-9-25

11	10-9-25	Concept on spread spectrum	10-9-25
12	11-9-25	Module -2: Data link layer and medium access sublayers Error detection and correction:fundamental block coding	13-9-25 Extra class
13	12-9-25	Hamming distance	12-9-25
14	17-9-25	CRC :flow control and error control Protocol	17-9-25
15	18-9-25	Stop and wait,go back-n, ARQ	20-9-25
16	19-9-25	Selective repeat ARQ, slicing	19-9-25
17	24-9-25	Window, piggybacking, random access	24-9-25
18	25-9-25	Multiple access protocol ,pure aloha	25-9-25
19	26-9-25	Slotted aloha,CSMA /CD	26-9-25
20	1-10-25	CSMA/CA	1-10-25
21	3-10-25	Module -3 Network layer Switching	3-10-25
22	8-10-25	Logical addressing-ipv6,ipv4	8-10-25
23	9-10-25	Address mapping -ARP,RARP	9-10-25
24	23-10-25	BOOTP,DHCP delivery	
25	24-10-25	Forwarding,unicast Routing protocols	
26	29-10-25	Module-4 Transport layer Process to process communication	
27	30-10-25	User Datagram protocols,transmission control protocols	
28	31-10-25	SCTP congestion control, quality of service	
29	06-11-25	QoS TechniQues,leaky bucket, token bucket algo	
30	07-11-25	Module-5: Application layer Domain name system	
31	12-11-25	DDNS,telnet	
32	13-11-25	Email,file transfer protocol	
33	14-11-25	WWW,bluetooth	
34	19-11-25	Http,SNMP	
35	20-11-25	Bluetooth, firewalls	
36	21-11-25	Basic concepts of cryptography	

DELHI COLLEGE OF TECHNOLOGY AND MANAGEEMENT, PALWAL
LESSON PLAN

SESSION – Aug 2025
LOAD: L-3, T-0 P-0

Btech(aiml+CSE)V SUBJECT- OOPS
SUBJECT CODE- PCC-CS-503

Details:

Total Lecture	Propose Date	Topics to be covered	Actual Date
01	13-8-25	MODULE-1: abstract data types Decomposition and abstract, abstract mechanism	13-8-25
02	14-8-25	Kind of abstraction -procedural	23-8-25 Extra class
03	20-8-25	Data, type hierarchies	20-8-25
04	21-8-25	Iterations	21-8-25
05	22-8-25	ADT Implementation, concrete space state	22-8-25
06	27-8-25	Concrete invariant	27-8-25
07	28-8-25	Abstraction function	28-8-25
08	03-9-25	Implementing operation	03-9-25
09	04-9-25	Illustrated by a text example	04-9-25
10	05-9-25	Revision of module 1	05-9-25
11	10-9-25	Test of module 1	10-9-25
12	11-9-25	MODULE-2: features of object oriented programming Encapsulation, object identity	13-9-25 Extra class
13	12-9-25	Polymorphism, inheritance	12-9-25
14	17-9-25	Implementing oops features	17-9-25
15	18-9-25	Class object variables	20-9-25
16	19-9-25	Type checking, procedure -commands as method and objects	19-9-25
17	24-9-25	Exceptions	24-9-25
18	25-9-25	Polymorphic procedures and templates	25-9-25
19	26-9-25	Memory management	26-9-25
20	1-10-25	MODULE-3: Design pattern	1-10-25
21	3-10-25	Introduction and classification	3-10-25
22	8-10-25	Creational pattern ,abstract factory pattern	8-10-25
23	9-10-25	Factory method	9-10-25
24	23-10-25	Singleton	
25	24-10-25	Structural pattern -bridge flyweight	
26	29-10-25	Behavioral pattern -iterator pattern	

27	30-10-25	Observer pattern	
28	31-10-25	Model view controller pattern	
29	06-11-25	Test of module 3	
30	07-11-25	MODULE-4: Generic types and collection Simple generics	
31	12-11-25	Generics and subtyping	
32	13-11-25	Wildcards,object ordering	
33	14-11-25	Generic methods ,map interface	
34	19-11-25	Set interface, list interface	
35	20-11-25	Queue interface, dequeue interface	
36	21-11-25	Sorted set interface, sorted map interface	

DELHI COLLEGE OF TECHNOLOGY AND MANAGEMENT, PALWAL
LESSON PLAN

SESSION – Aug 2025

Btech V AIML SUBJECT- basics of machine learning

LOAD: L-3, T-0 P-0

SUBJECT CODE- PEC-CS-D-501(1)

Details:

Total Lecture	Propose Date	Topics to be covered	Actual Date
01	13-8-25	MODULE-1: Basic method: distance based method	13-8-25
02	14-8-25	Nearest neighbour ,decisions tree	23-8-25 Extra class
03	20-8-25	Nave bayes	20-8-25
04	21-8-25	Linear models: linear regression	21-8-25
05	22-8-25	Logistics models	22-8-25
06	27-8-25	Generalised linear models	27-8-25
07	28-8-25	Support vector machine	28-8-25
08	03-9-25	Nonlinearity	03-9-25
09	04-9-25	Kernel methods	04-9-25
10	05-9-25	Multi class structured output	05-9-25
11	10-9-25	Ranking	10-9-25
12	11-9-25	Module-2 unsupervised learning Clustring: k means	13-9-25 Extra class
13	12-9-25	Dimensionality reduction :PCA and kernel PCA	12-9-25
14	17-9-25	Matrix factorization	17-9-25

15	18-9-25	Matrix completion	20-9-25
16	19-9-25	Generative models-mixture models	19-9-25
17	24-9-25	Latent Factor models	24-9-25
18	25-9-25	Revision module1and 2	25-9-25
19	26-9-25	Class test of module 1and 2	26-9-25
20	1-10-25	MODULE-3: evaluating machine learning algorithm	1-10-25
21	3-10-25	Model selection	3-10-25
22	8-10-25	Introduction to statistical learning theory	8-10-25
23	9-10-25	Ensemble methods	9-10-25
24	23-10-25	Boosting	
25	24-10-25	Bagging	
26	29-10-25	Random forest	
27	30-10-25	Query class of 3module	
28	31-10-25	Revision of 3module	
29	06-11-25	Class test of module 3	
30	07-11-25	Module4: sparse modeling and estimation	
31	12-11-25	Modeling sequence and deep learning	
32	13-11-25	Feature representation learning	
33	14-11-25	Module 5: scable machine learning, introduction to Bayesian learning	
34	19-11-25	Inference	
35	20-11-25	Recent trends in various learning technique of machine learning and classification methods	
36	21-11-25	Class test of module 5	

DELHI COLLEGE OF TECHNOLOGY AND MANAGEGEMENT, PALWAL
LESSON PLAN

SESSION – Aug 2025

LOAD: L-3, T-0 P-0

CSE(V) SUBJECT- S &S

SUBJECT CODE- ESC-501

Details:

Total Lecture	Propose Date	Topics to be covered	Actual Date
01	13-8-25	MODULE-1: INTRODUCTION TO SIGNALS AND SYSTEMS: Signals and systems as seen in everyday life, and in various branches of engineering and science.	13-8-25

02	14-8-25	absolute integrability	23-8-25 Extra class
03	20-8-25	determinism and stochastic character	20-8-25
04	21-8-25	Some special signals of importance: the unit step	21-8-25
05	22-8-25	the unit impulse, the sinusoid,	22-8-25
06	27-8-25	the complex exponential, some special time-limited signals	27-8-25
07	28-8-25	continuous and discrete time signals	28-8-25
08	03-9-25	continuous and discrete amplitude signals.	03-9-25
09	04-9-25	System properties: linearity:	04-9-25
10	05-9-25	additivity and homogeneity	05-9-25
11	10-9-25	shiftinvariance, causality, stability, realizability	10-9-25
12	11-9-25	MODULE-2: BEHAVIOR OF CONTINUOUS AND DISCRETE-TIME LTI SYSTEMS: Impulse response and step response	13-9-25 Extra class
13	12-9-25	convolution, input-output behavior with aperiodic convergent inputs	12-9-25
14	17-9-25	cascade interconnections.	17-9-25
15	18-9-25	Characterization of causality and stability of LTI systems	20-9-25
16	19-9-25	System representation through differential equations and difference equations	19-9-25
17	24-9-25	State-space Representation of systems. State-Space Analysis, Multi-input, multi-output representation	24-9-25
18	25-9-25	State Transition Matrix and its Role	25-9-25
19	26-9-25	Periodic inputs to an LTI system, the notion of a frequency response and its relation to the impulse response	26-9-25
20	1-10-25	MODULE-3: FOURIER, LAPLACE AND Z-TRANSFORMS: Fourier series representation of periodic signals,	1-10-25
21	3-10-25	Waveform Symmetries, Calculation of Fourier Coefficients	3-10-25
22	8-10-25	Fourier Transform, convolution / multiplication and their effect in the frequency domain	8-10-25

23	9-10-25	magnitude and phase response, Fourier domain duality	9-10-25
24	23-10-25	he DiscreteTime Fourier Transform (DTFT) and the Discrete Fourier Transform (DFT)	
25	24-10-25	Parseval's Theorem. Review of the Laplace Transform for continuous time signals and systems	
26	29-10-25	system functions, poles and zeros of system functions and signals, Laplace domain analysis	
27	30-10-25	solution to differential equations and system behavior	
28	31-10-25	The z-Transform for discrete time signals and systems, system functions	
29	06-11-25	poles and zeros of systems and sequences, z-domain analysis.	
30	07-11-25	MODULE-4: SAMPLING AND RECONSTRUCTION: The Sampling Theorem and its implications	
31	12-11-25	Spectra of sampled signals. Reconstruction: ideal interpolator	
32	13-11-25	zero-order hold, first-order hold	
33	14-11-25	Aliasing and its effects	
34	19-11-25	Relation between continuous and discrete time systems	
35	20-11-25	Introduction to the applications of signal and system theory: modulation for communication	
36	21-11-25	filtering, feedback control systems	

7th

DELHI COLLEGE OF TECHNOLOGY AND MANAGEGEMENT, PALWAL
LESSON PLAN

SESSION – Aug 2025

CSE(VII) SUBJECT INTERNET OF THINGS

LOAD: L-3, T-0 P-0

SUBJECT CODE- PEC-CS-S-703

Details:

Total Lecture	Propose Date	Topics to be covered	Actual Date
01	13-8-25	MODULE-1: INTRODUCTION TO IoT: Introduction to IoT	13-8-25

02	14-8-25	Characteristics of IoT	14-8-25
03	20-8-25	Physical design of IoT	20-8-25
04	21-8-25	Logical design of IoT	21-8-25
05	22-8-25	Functional blocks of IoT	22-8-25
06	27-8-25	Communication models & APIs	27-8-25
07	28-8-25	IoT & M2M Machine to Machine	28-8-25
08	03-9-25	Difference between IoT and M2M	03-9-25
09	04-9-25	Software define Network	04-9-25
10	05-9-25	Challenges in IoT(Design ,Development, Security)	05-9-25
11	10-9-25	MODULE-2: NETWORK AND COMMUNICATION ASPECTS: Wireless medium access issues	10-9-25
12	11-9-25	MAC protocol survey	13-9-25 Extra class
13	12-9-25	Survey routing protocols	12-9-25
14	17-9-25	Sensor deployment & Node discovery	17-9-25
15	18-9-25	Data aggregation & dissemination	20-9-25
16	19-9-25	MODULE-3: WEB OF THINGS: Web of Things vs Internet of things	19-9-25
17	24-9-25	two pillars of web	24-9-25
18	25-9-25	Architecture and standardization of IoT	25-9-25
19	26-9-25	Unified multitier-WoT architecture	26-9-25
20	1-10-25	WoT portals and Business intelligence	1-10-25
21	3-10-25	Cloud of things: Grid/SOA	3-10-25
22	8-10-25	cloud computing	8-10-25
23	9-10-25	Cloud middleware	9-10-25
24	23-10-25	cloud standards	
25	24-10-25	MODULE-4: RESOURCE MANAGEMENT IN IOT: Domain specific applications of IoT	
26	29-10-25	Home automation	

27	30-10-25	Industry applications	
28	31-10-25	Surveillance applications	
29	03-11-25	Other IoT applications Clustering	
30	04-11-25	Synchronization	
31	7-11-25	Software agents	
32	10-11-25	module -4 test	
33	14-11-25	Problem Solving	
34	19-11-25	Problem Solving	
35	20-11-25	Problem Solving	
36	21-11-25	Previous year question paper solving	

DELHI COLLEGE OF TECHNOLOGY AND MANAGEGEMENT, PALWAL
LESSON PLAN

SESSION – Aug 2025

LOAD: L-3, T-0 P-0

CSE VII SUBJECT Advance Operating System

SUBJECT CODE- PEC-CS-S-701(I)

Details:

Total Lecture	Propose Date	Topics to be covered	Actual Date
01	13-8-25	MODULE-1: Introduction Introduction to operating system.	13-8-25
02	14-8-25	evolution of operating system	14-8-25
03	20-8-25	Types of operating system,batch processing	20-8-25
04	21-8-25	Single user and multi-user operating system	21-8-25
05	22-8-25	multiprogramming and multi-tasking,multi - threading	22-8-25
06	27-8-25	time sharing operating system, embedded operating system	27-8-25
07	28-8-25	distributed operating system,multi processor operating system	28-8-25
08	03-9-25	real time operating system	03-9-25
09	04-9-25	mobile system operating systems.	04-9-25
10	05-9-25	Unit-1 revision	05-9-25

11	10-9-25	unit-1 test	10-9-25
12	11-9-25	MODULE-2: Distributed operating system Introduction, characteristics of distributed operating system	13-9-25 Extra class
13	12-9-25	Network operating system and distributed operating system	12-9-25
14	17-9-25	Various issues.	17-9-25
15	18-9-25	Communication in distributed systems	20-9-25
16	19-9-25	Clock synchronisation , mutual exclusion	19-9-25
17	24-9-25	Algorithms, deadlock detection and prevention	24-9-25
18	25-9-25	Distributed process scheduling algorithm	25-9-25
19	26-9-25	Distributed file system	26-9-25
20	1-10-25	MODULE-3: Multi-Processor operating system	1-10-25
21	3-10-25	introduction, system architecture	3-10-25
22	8-10-25	Structure of multi - processor operating system	8-10-25
23	9-10-25	Process synchronisation, process scheduling algorithm	9-10-25
24	23-10-25	Memory sharing .	
25	24-10-25	process migration	
26	29-10-25	fault tolerance	
27	30-10-25	Doubt class	
28	31-10-25	unit-1 revision	
29	03-11-25	Unit-1 test	
30	04-11-25	MODULE-4: Real time operating system Introduction	
31	7-11-25	characteristics	
32	10-11-25	structure of a real time system	
33	14-11-25	scheduling algorithm, mutual exclusion	
34	19-11-25	Priority inheritance protocol	
35	20-11-25	Priority ceiling protocol, case studies	
36	21-11-25	module -4 test	

DELHI COLLEGE OF TECHNOLOGY AND MANAGEMENT, PALWAL
LESSON PLAN

SESSION – Aug 2025

LOAD: L-3, T-0 P-0

Details:

Btech CSE VII SUBJECT- WIT

SUBJECT CODE- PEC-CS-A-702

Total Lecture	Propose Date	Topics to be covered	Actual Date
01	13-8-25	MODULE-1: INTRODUCTION TO Networks and www Introduction to internet ,history, working of internet	13-8-25
02	14-8-25	Modes of connecting to internet,internet address	23-8-25 Extra class
03	20-8-25	Standard address, classful And classless IP addressing ,	20-8-25
04	21-8-25	Subnetting,supernetting,w3c consortium	21-8-25
05	22-8-25	Directories search engine and Meta search engines	22-8-25
06	27-8-25	Search fundamental ,search strategies	27-8-25
07	28-8-25	Architecture of the search Engine	28-8-25
08	03-9-25	.Crawlers and its types	03-9-25
09	04-9-25	Delivering multimedia Over web pages	04-9-25
10	05-9-25	VRML	05-9-25
11	10-9-25	Class test of module1	10-9-25
12	11-9-25	MODULE-2: hypertext markup language The anatomy of an html documents Marking up for structure and style :basic page markup, Absolute	13-9-25 Extra class
13	12-9-25	Relative links	12-9-25
14	17-9-25	Ordered list	17-9-25
15	18-9-25	Unordered List	20-9-25
16	19-9-25	Embedding images	19-9-25
17	24-9-25	Controlling appearance	24-9-25
18	25-9-25	Table creation and use	25-9-25
19	26-9-25	Frames nesting and targeting	26-9-25

20	1-10-25	Module:3 style sheets Separating style from structure with style sheets	1-10-25
21	3-10-25	Internal style specification within HTML	3-10-25
22	8-10-25	External linked style specification using CSS	8-10-25
23	9-10-25	Page	9-10-25
24	23-10-25	Site design consideration	
25	24-10-25	Module-4:client side programming Introduction to client side programming	
26	29-10-25	Java script syntax, the documents object model	
27	30-10-25	Event handling,output In Java script	
28	31-10-25	Form handling cookies,	
29	06-11-25	Introduction to VBScript form handling	
30	07-11-25	Module-5 server and scripting CGI	
31	12-11-25	Server environment	
32	13-11-25	Servlets	
33	14-11-25	Servelts architecture	
34	19-11-25	Java server pages	
35	20-11-25	ISP engines	
36	21-11-25	Beans, introduction to j2EE	

DELHI COLLEGE OF TECHNOLOGY AND MANAGEEMENT, PALWAL
LESSON PLAN

SESSION – Aug 2025
LOAD: L-3, T-0 P-0

Btech CSE VII SUBJECT- Management-1 finance and accounting
SUBJECT CODE- PEC-CS-A-702

Details:

Unit	Lect.	Topic	Propose date
1st	1	Module 01	12-08-25
	2	meaning Nature and scope of different type of accounting and their comparison	13-08-25
	3	accounting principles	14-08-25
	4	Indian accounting standards	20-08-25
	5	IFRS	21-08-25
	8	preparation of financial final accounts of company with basic	22-08-25
	9	reading	23-08-25
	10	understanding of annual report	28-08-25
	11	Revision	03-09-25
unit 2	12	Module 02	04-09-25
	13	analysis	05-09-25
	14	interpretation of financial statements	10-09-25
	15	meaning importance and techniques	11-09-25
	16	ratio analysis	12-09-25
	17	fund flow analysis	17-09-25
	18	cash flow analysis	18-09-25
	19	revision	19-09-25
	20	revision	24-09-25
3rd	21	Module 03	8-10-25
	22	classifications of cost	09-10-25
	23	preparation of Cos to seat	23-10-25
	24	inventory valuation	24-10-25
	25	overview of standard costing	29-10-25
	26	variance analysis	30-10-25
	27	material variance and labour variance	31-10-25
4th	28	module 4	6-11-25
	29	budgetary control	7-11-25
	30	meaning needs objectives	8-11-25
	31	essential of budgeting	10-11-25
	32	different types of budget	12-11-25
	33	cash budget	13-11-25
	34	flexible budget zero waste budget	15-11-25
	35	marginal cost	16-11-25
	36	accepting and rejecting decisions	18-11-25
	37	Interviews	20-11-25
	38	Revision of Covering All Units	21-11-25

DELHI COLLEGE OF TECHNOLOGY AND MANAGEEMENT, PALWAL
LESSON PLAN

SESSION – Aug 2025

LOAD: L-3, T-0 P-0

Details:

Btech CSE VII SUBJECT- financial management
SUBJECT CODE- PEC-CS-A-702

Unit	Lect.	Topic	Tentative Date
1st	1	Module 01	Mon, 21 Jul 2025
	2	financial management	Tue, 22 Jul 2025
	3	scope finance functions	Thu, 24 Jul 2025
	4	organisation	Fri, 25 Jul 2025
	5	objectives of financial management	Mon, 28 Jul 2025
	8	time value of money	Tue, 29 Jul 2025
	9	sources of long term	Thu, 31 Jul 2025
	10	revision	Fri, 1 Aug 2025
	11	Revision	Mon, 4 Aug 2025
unit 2	12	Module 02	Tue, 5 Aug 2025
	13	investment decision	Thu, 7 Aug 2025
	14	importance	Fri, 8 Aug 2025
	15	difficulties	Mon, 11 Aug 2025
	16	determining cash flows	Tue, 12 Aug 2025
	17	method of capital budgeting with excel	Thu, 14 Aug 2025
	18	risk analysis	Mon, 18 Aug 2025
	19	risk adjusted discount rate	Tue, 19 Aug 2025
	20	certality equivalent method	Thu, 21 Aug 2025
	21	cost of different sources of raising capital	Fri, 22 Aug 2025
	22	weighted average cost of capital	Mon, 25 Aug 2025
	25	revision	Tue, 26 Aug 2025
	26	revision	Thu, 28 Aug 2025
3rd	27	Module 03	Fri, 29 Aug 2025
	28	capital structure decisions	Mon, 1 Sep 2025
	29	financial and operating leverage	Tue, 2 Sep 2025
	30	Noun-pronoun agreement,	Thu, 4 Sep 2025
	31	EBIT / EPS analysis	Fri, 5 Sep 2025
	32	capital structure theories	Mon, 8 Sep 2025
	33	NI, NOI , traditional and M-M theories	Tue, 9 Sep 2025
4th	40	Practice session	Thu, 11 Sep 2025
	41	determinants of dividend policy	Fri, 12 Sep 2025
	42	dividend models	Mon, 15 Sep 2025
	43	Walter models	Tue, 16 Sep 2025
	44	Gordon models	Thu, 18 Sep 2025
	45	mm models	Fri, 19 Sep 2025
	46	revision	Thu, 25 Sep 2025
	47	test	Thu, 9 Oct 2025
	48	test	Fri, 10 Oct 2025
	49	Interviews	Mon, 27 Oct 2025
	50	Revision unit 1	Thu, 6 Nov 2025
	51	Revision unit 2	Fri, 7 Nov 2025
	52	Revision unit 3	Mon, 10 Nov 2025
	53	Revision unit 4	Tue, 11 Nov 2025
	54	Revision of Covering All Units	Thu, 13 Nov 2025

DELHI COLLEGE OF TECHNOLOGY AND MANAGEMENT, PALWAL

LESSON PLAN

SESSION – Aug 2025

BCA V SUBJECT- machine learning

LOAD: L-3, T-0 P-0

SUBJECT CODE- BCG-321 -V

Details:

Total Lecture	Propose Date	Topics to be covered	Actual Date
01	13-8-25	MODULE-1: INTRODUCTION TO machine learning machine learning basic concept,perspective issues in ml	13-8-25
02	14-8-25	Types of machine learning supervised, unsupervised	23-8-25 Extra class
03	20-8-25	Reinforcement	20-8-25
04	21-8-25	Data representation : Graphical	21-8-25
05	22-8-25	Numerical data	22-8-25
06	27-8-25	Applications of machine learning	27-8-25
07	28-8-25	Revision of module 1	28-8-25
08	03-9-25	Test of module 1	03-9-25
09	04-9-25	Module 2: Machine learning -supervised learning	04-9-25
10	05-9-25	Linear models:linear regression	05-9-25
11	10-9-25	Logistics regression	10-9-25
12	11-9-25	Nearest neighbour	13-9-25 Extra class
13	12-9-25	Decision tree	12-9-25
14	17-9-25	Support vector machine	17-9-25
15	18-9-25	Nonlinearity	20-9-25
16	19-9-25	Kernel methods	19-9-25
17	24-9-25	Module 3:unsupervised learning K-means/kernal	24-9-25
18	25-9-25	Dimensionality reduction :PCA	25-9-25
19	26-9-25	Matrix factorization	26-9-25
20	1-10-25	Matrix completion	1-10-25
21	3-10-25	Separating hyperplane:RPL algorithm	3-10-25
22	8-10-25	Optimal separating hyperplane	8-10-25

23	9-10-25	Revision of module 3	9-10-25
24	23-10-25	Query on matrix factorization	
25	24-10-25	Query on dimensionality reduction	
26	29-10-25	Query on separating hyperplane	
27	30-10-25	Query on Matrix completion	
28	31-10-25	Class test of module 3	
29	06-11-25	Module 4: techniques and applications	
30	07-11-25	Scalable machine learning	
31	12-11-25	Naive bayes	
32	13-11-25	Introduction to Bayesian Learning	
33	14-11-25	Inference	
34	19-11-25	Recent trends in Various machine learning techniques	
35	20-11-25	And classification methods	
36	21-11-25	Revision of module 4	
		Test of module 4	

DELHI COLLEGE OF TECHNOLOGY AND MANAGEMENT, PALWAL
LESSON PLAN

SESSION – Aug 2025

LOAD: L-3, T-0 P-0

Details:

BCA(V) SUBJECT- JAVA

SUBJECT CODE- BCG-301-V

Total Lecture	Propose Date	Topics to be covered	Actual Date
01	13-8-25	Unit-1 Java language basics	13-8-25
02	14-8-25	introduction to java	23-8-25 Extra class
03	20-8-25	Java virtual Machine architecture and concepts	20-8-25
04	21-8-25	primitive data types	21-8-25
05	22-8-25	Variable in java,	22-8-25
06	27-8-25	Java operator and expression	27-8-25
07	28-8-25	statements and array	28-8-25
08	03-9-25	doubt class	03-9-25
09	04-9-25	revision	04-9-25
10	05-9-25	unit-1 test	05-9-25
11	10-9-25	unit-2 classes , inheritance, and polymorphism	10-9-25

12	11-9-25	Classes , object, array of object	13-9-25 Extra class
13	12-9-25	Object as function argument	12-9-25
14	17-9-25	scope resolution operator, static data members	17-9-25
15	18-9-25	Inheritance ,types of inheritance	20-9-25
16	19-9-25	containership	19-9-25
17	24-9-25	Constructor and their type	24-9-25
18	25-9-25	polymorphism ,abstract class	25-9-25
19	26-9-25	Interface and package	26-9-25
20	1-10-25	Unit -1 test	1-10-25
21	3-10-25	Unit-3 exception and multithreading	3-10-25
22	8-10-25	Exception handling:- exception handling in java	8-10-25
23	9-10-25	"Tries and catch ", Throw and catch,	9-10-25
24	23-10-25	throw and catch ,throws and catch block , multiple throw and cash block	
25	24-10-25	throwing object, exception classes	
26	29-10-25	User defined exception, multithreading	
27	30-10-25	concept of process and thread	
28	31-10-25	Life cycle of a thread ,user defined thread creation through class and through interface	
29	06-11-25	deciding priority in thread .	
30	07-11-25	Synchronisation in thread	
31	12-11-25	Producer- consumer problem	
32	13-11-25	unit-4 I/O in java	
33	14-11-25	I/O Basics ,types of stream.	
34	15-11-25	stream classes ,the predefined streams	
35	17-11-25	Reading from and writing to console	
36	19-11-25	Reading and writing files, object serialisation	

DELHI COLLEGE OF TECHNOLOGY AND MANAGEEMENT, PALWAL
LESSON PLAN

SESSION – Aug 2025

LOAD: L-3, T-0 P-0

Details:

BCA(V) SUBJECT- Software Engineering

SUBJECT CODE- BCG-303-V

Total Lecture	Propose Date	Topics to be covered	Actual Date
01	11-8-25	Unit-1 introduction and software requirement Software process and characteristics	11-8-25
02	13-8-25	software life cycle model ,waterfall model	13-8-25
03	14-8-25	Prototype model, evolutionary model	14-8-25
04	18-8-25	Spiral model, requirement engineering	18-8-25
05	20-8-25	requirement elicitation technique like FAST	20-8-25
06	21-8-25	QFD, requirements analysis using DFD	21-8-25
07	25-8-25	Data dictionaries	25-8-25
08	27-8-25	Entity- relationship diagram	27-8-25
09	01-9-25	requirement documentation ,	01-8-25
10	03-9-25	nature of SRS	03-9-25
11	04-9-25	Characteristics and organization of SRS	04-9-25
12	08-9-25	Unit-2 software project management concept and software project planning	08-9-25
13	10-9-25	The management spectrum	10-9-25
14	11-9-25	The people ,The problem.	11-9-25
15	15-9-25	The process,The project	15-9-25
16	17-9-25	Project planning	17-9-25
17	18-9-25	Size estimation like the lines of code and function count.	24-9-25
18	25-9-25	McCabe cyclomatic complexity	25-9-25
19	26-9-25	Risk management	26-9-25
20	1-10-25	Unit-2 revision	1-10-25
21	06-10-25	Unit-2 Test	06-10-25
22	8-10-25	Unit-3 software design Cohesion & Coupling	8-10-25
23	9-10-25	Classification of the cohesiveness and coupling	9-10-25
24	23-10-25	function oriented design	
25	24-10-25	Software oriented design	
26	03-11-25	software measurements: What & Why	
27	6-11-25	Token count, Halstead software science measures	
28	10-11-25	Design metrics	
29	12-11-25	data structure metrics .	

30	13-11-25	Unit-4 software testing. Testing process	
31	17-11-25	Design of test cases ,types of test	
32	19-11-25	Functional testing, structural testing	
33	20-11-25	Test Activities ,unit testing	
34	19-11-25	Integration Testing and system testing	
35	20-11-25	Debugging Activities	
36	21-11-25	Unit -4 test	

DELHI COLLEGE OF TECHNOLOGY AND MANAGEEMENT, PALWAL
LESSON PLAN

SESSION – Aug 2025

BCA V SUBJECT- Speech and Audio Processing

LOAD: L-3, T-0 P-0

SUBJECT CODE- BCA-23-309

Details:

Total Lecture	Propose Date	Topics to be covered	Actual Date
01	11-8-25	Unit I: Introduction and Speech Signal processing speech production and modelling	11-8-25
02	13-8-25	Human auditory system	13-8-25
03	14-8-25	General structure of speech coders	14-8-25
04	18-8-25	Classification of speech coding techniques parametric	18-8-25
05	20-8-25	Waveform and hybrid, Requirements of speech codecs quality	20-8-25
06	21-8-25	Speech Signal Processing: Pitch-period estimation	21-8-25
07	25-8-25	All-pole and all-zero filters	25-8-25
08	27-8-25	Power spectral density, periodogram, autoregressive model	27-8-25
09	01-9-25	Autocorrelation estimation	01-8-25
10	03-9-25	Unit II: Linear Prediction of Speech and Speech Quantization: Basic concepts of linear prediction	03-9-25
11	04-9-25	Linear Prediction Analysis of non-stationary signals prediction gain	04-9-25
12	08-9-25	Levinson-Durbin algorithm	08-9-25
13	10-9-25	Long-term and short-term linear prediction models	10-9-25
14	11-9-25	Moving average prediction	11-9-25
15	15-9-25	Scalar quantization-uniform quantizer	15-9-25
16	17-9-25	Optimum quantizer,	17-9-25
17	18-9-25	logarithmic quantizer	24-9-25
18	25-9-25	Adaptive quantizer,	25-9-25

19	26-9-25	differential quantizers	26-9-25
20	1-10-25	Vector quantization	1-10-25
21	06-10-25	Distortion measures	06-10-25
22	8-10-25	Codebook design,	8-10-25
23	9-10-25	codebook types	9-10-25
24	23-10-25	Unit III: Scalar Quantization of LPC and Linear Prediction Coding Spectral distortion measures, Quantization based on reflection coefficient and log area ratio	
25	24-10-25	Bit allocation; Line spectral frequency	
26	03-11-25	LPC to LSF conversions, quantization based on LSF	
27	6-11-25	LPC model of speech production; Structures of LPC encoders and decoders, Voicing detection	
28	10-11-25	Unit iv: code excited linear prediction Code excited linear prediction	
29	12-11-25	CELP speech production model; Analysis-by-synthesis	
30	13-11-25	Generic CELP encoders and decoders, Excitation codebook search state-save method	
31	17-11-25	Zero input zero-state method; CELP based on adaptive codebook	
32	19-11-25	Limitations of the LPC model	
33	20-11-25	Adaptive Codebook search; Low Delay CELP and algebraic CELP	
34	19-11-25	Speech Coding Standards: An overview of ITU-T G.726, G.728 and G.729 standards	
35	20-11-25	Unit -4 test	
36	21-11-25	Previous year question paper solving	

DELHI COLLEGE OF TECHNOLOGY AND MANAGEMENT, PALWAL
LESSON PLAN

SESSION – Aug 2025
LOAD: L-3, T-0 P-0

BCA V SUBJECT- Speech and audio processing
SUBJECT CODE- BCA-23-309

Unit	Lect.	Topic	Tentative Date
1st	1	Module 01	Mon, 21 Jul 2025
	2	meaning Nature and scope of different type of accounting and their comparison	Tue, 22 Jul 2025
	3	accounting principles	Thu, 24 Jul 2025
	4	Indian accounting standards	Fri, 25 Jul 2025
	5	IFRS	Mon, 28 Jul 2025
	8	preparation of financial final accounts of company with basic	Tue, 29 Jul 2025
	9	reading	
	10	understanding of annual report	Fri, 1 Aug 2025
	11	Revision	Mon, 4 Aug 2025
unit 2	12	Module 02	Tue, 5 Aug 2025

	13	analysis	Thu, 7 Aug 2026
	14	interpretation of financial statements	Fri, 8 Aug 2025
	15	meaning importance and techniques	Mon, 11 Aug 2025
	16	ratio analysis	Tue, 12 Aug 2025
	17	fund flow analysis	Thu, 14 Aug 2025
	18	cash flow analysis	Mon, 18 Aug 2025
	19	revision	Tue, 19 Aug 2025
	20	revision	Thu, 21 Aug 2025
3rd	27	Module 03	Fri, 29 Aug 2025
	28	classifications of cost	Mon, 1 Sep 2025
	29	preparation of Cos to seat	Tue, 2 Sep 2025
	30	inventory valuation	Thu, 4 Sep 2025
	31	overview of standard costing	Fri, 5 Sep 2025
	32	variance analysis	Mon, 8 Sep 2025
	33	material variance and labour variance	Tue, 9 Sep 2025
4th	40	module 4	Thu, 11 Sep 2025
	41	budgetary control	Fri, 12 Sep 2025
	42	meaning needs objectives	Mon, 15 Sep 2025
	43	essential of budgeting	Tue, 16 Sep 2025
	44	different types of budget	Thu, 18 Sep 2025
	45	cash budget	Fri, 19 Sep 2025
	46	flexible budget zero waste budget	Thu, 25 Sep 2025
	47	marginal cost	Thu, 9 Oct 2025
	48	accepting and rejecting decisions	Fri, 10 Oct 2025
	49	Interviews	Mon, 27 Oct 2025
	50	Revision unit 1	Thu, 6 Nov 2025
	51	Revision unit 2	Fri, 7 Nov 2025
	52	Revision unit 3	Mon, 10 Nov 2025
	53	Revision unit 4	Tue, 11 Nov 2025
	54	Revision of Covering All Units	Thu, 13 Nov 2025

DELHI COLLEGE OF TECHNOLOGY AND MANAGEMENT, PALWAL**LESSON PLAN****SESSION – Aug 2025****BCA(V) SUBJECT- Analysis of Design and Algorithms****LOAD: L-3, T-0 P-0****SUBJECT CODE- BCG-305-V****Details:**

Total Lecture	Propose Date	Topics to be covered	Actual Date
01	11-8-25	Unit I: Introduction and Divide and Conquer Approach: Basic characteristics of algorithm	11-8-25
02	13-8-25	Empirical and analytical analysis of algorithms	13-8-25
03	14-8-25	analysis of algorithms in terms of space and time complexity	14-8-25
04	18-8-25	Asymptotic notations- binary search	18-8-25
05	20-8-25	ternary search algorithm, merge sort	20-8-25
06	21-8-25	quick sort, selection	21-8-25
07	25-8-25	strassen's matrix multiplication	25-8-25
08	27-8-25	Unit II: Analysis of Greedy Methods: Greedy Method: General method	27-8-25
09	01-9-25	knapsack problem	01-8-25
10	03-9-25	job sequencing with deadlines	03-9-25
11	04-9-25	minimum spanning trees, single source paths	04-9-25
12	08-9-25	travelling salesman problem and Problem Solving	08-9-25
13	10-9-25	optimal storage on tapes, optimal merge patterns and analysis of these problems	10-9-25
14	11-9-25	Unit III: Dynamic Programming: General method	11-9-25
15	15-9-25	single source shortest path	15-9-25
16	17-9-25	Problem Solving	17-9-25
17	18-9-25	all pair shortest path	24-9-25
18	25-9-25	Problem Solving	25-9-25
19	26-9-25	optimal binary search trees	26-9-25
20	1-10-25	Problem Solving	1-10-25

21	06-10-25	0/1 knapsack	06-10-25
22	8-10-25	Problem Solving	8-10-25
23	9-10-25	travelling salesman problem	9-10-25
24	23-10-25	Problem Solving	
25	24-10-25	Unit IV: Back Tracking: General method of backtracking	
26	03-11-25	Problem Solving	
27	6-11-25	8 queen's problem	
28	10-11-25	Problem Solving	
29	12-11-25	graph coloring	
30	13-11-25	Problem Solving	
31	17-11-25	sum of subsets	
32	19-11-25	Hamiltonian cycles	
33	20-11-25	analysis of these problems	
34	19-11-25	Unit -4 test	
35	20-11-25	Previous year question paper solving	
36	21-11-25	Previous year question paper solving	

Management

DELHI COLLEGE OF TECHNOLOGY AND MANAGEMENT, PALWAL LESSON PLAN

SESSION – Aug 2025
organisation behaviour

MBA-101-V

SUBJECT- management principles and

LOAD: L-3, T-0 P-0

Details:

Total Lecture	Propose Date	Topics to be covered	Actual Date
01	13-8-25	Unit -1 nature evolution of management	13-8-25
02	14-8-25	Managerial level .	14-8-25
03	20-8-25	Skills and roles in an organisation	20-8-25
04	21-8-25	function of management -planning	21-8-25
05	22-8-25	Organising, staffing, directing	22-8-25
06	27-8-25	Controlling, problem solving and decision making	27-8-25
07	28-8-25	management control	28-8-25
08	03-9-25	Management information system (MIS)	03-9-25
09	04-9-25	revision	04-9-25
10	05-9-25	unit 1 test	05-9-25
11	10-9-25	Unit-2 OB-Concept	10-9-25
12	11-9-25	Importance and contemporary challenges	13-9-25 Extra class
13	12-9-25	Foundation of individual behaviour differences	12-9-25
14	17-9-25	Personality -concept	17-9-25
15	18-9-25	Determinant and application	20-9-25
16	19-9-25	Value ,ability ,attitude	19-9-25
17	24-9-25	Emotions ,perception-concept	24-9-25
18	25-9-25	process and application, learning and reinforcement.	25-9-25
19	26-9-25	Motivational theories and applications	26-9-25

20	1-10-25	Job satisfaction stress management	1-10-25
21	3-10-25	Unit -2 test	3-10-25
22	8-10-25	unit-3 types of group	8-10-25
23	9-10-25	Stages of group development	9-10-25
24	23-10-25	Group properties- roles ,norms ,status	23-10-25
25	24-10-25	Size and cohesiveness	24-10-25
26	29-10-25	Group decision making	29-10-25
27	30-10-25	work team and team building	30-10-25
28	31-10-25	conflicts management	31-10-25
29	06-11-25	power and political behaviour	6-11-25
30	07-11-25	Leadership function and style	07-11-25
31	12-11-25	Unit -4 organisational structure and design and behaviour implication	12-11-25
32	13-11-25	Organisational climate and culture	13-11-25
33	14-11-25	Organisational change and management	14-11-25
34	19-11-25	Organisational development	19-11-25
35	20-11-25	Revision	20-11-25
36	21-11-25	Unit-4 test	21-11-24

DELHI COLLEGE OF TECHNOLOGY AND MANAGEMENT, PALWAL
LESSON PLAN

SESSION – Aug 2025
values and professional ethics
LOAD: L-3, T-0 P-0
BBA/DIMK/505
Details:

BBA(V) SUBJECT- Human

SUBJECT CODE-

Total Lecture	Propose Date	Topics to be covered	Actual Date
01	13-8-25	Unit-1 moral values and ethics	13-8-25
02	14-8-25	Integrity ,work ethics ,honest	23-8-25 Extra class
03	20-8-25	Courage, caring and sharing	20-8-25
04	21-8-25	valuing time, corporation and commitment.	21-8-25
05	22-8-25	Empathy, self confidence, character	22-8-25
06	27-8-25	professional values :-meaning	27-8-25
07	28-8-25	Importance of professional value for quality ,professional success of manager	28-8-25
08	03-9-25	Harmonious relations within and between work group and timely work completion	03-9-25
09	04-9-25	Unit-1 test	04-9-25
10	05-9-25	Unit-2 senses of ethics , variety of moral issues	05-9-25
11	10-9-25	moral dilemmas,moral autonomy,team spriit	10-9-25
12	11-9-25	Consensus and controversy, professional ethics	13-9-25 Extra class
13	12-9-25	current issue in professional ethics and right in management and decision making	12-9-25
14	17-9-25	relation between ethics and value system	17-9-25
15	18-9-25	Implementation and monitoring of professional ethics	20-9-25
16	19-9-25	Code of ethics importance and usage	19-9-25
17	24-9-25	Unit-2 revision	24-9-25
18	25-9-25	Unit-2 test	25-9-25
19	26-9-25	Unit-3 assessment of safety and risk	26-9-25

20	1-10-25	Risk Benefit analysis, respect for authority	1-10-25
21	3-10-25	Confidentiality , conflicts of interest, occupational crime.	3-10-25
22	8-10-25	professional rights, employee rights- intellectual property right (IPR)	8-10-25
23	9-10-25	Gender inequality, cause and consequences	9-10-25
24	23-10-25	Discrimination ,social understanding	23-10-25
25	24-10-25	Consequences of sexual harrassment	24-10-25
26	29-10-25	Doubt classes	29-10-25
27	30-10-25	unit-3 test	29-10-25
28	31-10-25	Unit-4 multinational corporation.	31-10-25
29	06-11-25	Environmental ethics.	06-11-25
30	07-11-25	Computer ethics , weapons development.	7-11-25
31	12-11-25	professionals as managers	12-11-25
32	13-11-25	Professional as expert witnesses and advisors moral leadership -	13-11-25
33	14-11-25	Code of conduct -corporate social responsibility	14-11-25
34	19-11-25	Unit-4 doubt classea	19-11-25
35	20-11-25	Revision	20-11-25
36	21-11-25	Unit-4 test	21-11-25

DELHI COLLEGE OF TECHNOLOGY AND MANAGEMENT, PALWAL
LESSON PLAN

SESSION – Aug 2025

MBA-103-V

SUBJECT- Accounting for decision -Making

LOAD: L-3, T-0 P-0

Details:

Total Lecture	Propose Date	Topics to be covered	Actual Date
01	13-8-25	Unit -1 I Nature and scope of various form of accounting.	13-8-25
02	14-8-25	Accounting principle and convention.	14-8-25
03	20-8-25	Indian accounting standard	20-8-25
04	21-8-25	IFRS	21-8-25
05	22-8-25	final account of company with basic adjustment.	22-8-25
06	27-8-25	Unit-1 revision	27-8-25
07	28-8-25	unit-1 Test	28-8-25
08	03-9-25	Unit-2 financial statement analysis-	03-9-25
09	04-9-25	Importance and technique	04-9-25
10	05-9-25	Ratio analysis	05-9-25
11	10-9-25	Cash flow analysis	10-9-25
12	11-9-25	Difference between cash flow and fund flow analysis.	13-9-25 Extra class
13	12-9-25	Application in financial decision making.	12-9-25
14	17-9-25	Doubt classes	17-9-25
15	18-9-25	Revision	20-9-25
16	19-9-25	Unit-2 class test	19-9-25
17	24-9-25	unit-3 cost accounting	24-9-25
18	25-9-25	Classification of cost	25-9-25
19	26-9-25	element of costing.	26-9-25
20	1-10-25	Marginal costing	1-10-25
21	3-10-25	Standard costing	3-10-25

22	8-10-25	cost sheet preparation	8-10-25
23	9-10-25	doubt class	9-10-25
24	23-10-25	Revision	23-10-25
25	24-10-25	unit-3 test	24-10-25
26	29-10-25	Unit-4 cost control technique	29-10-25
27	30-10-25	budgetary control	30-10-25
28	31-10-25	material and labour variance analysis	31-10-25
29	06-11-25	BEP	6-11-25
30	07-11-25	Decision making through make /by	07-11-25
31	12-11-25	Expand /contract	12-11-25
32	13-11-25	Accept/reject proposal	13-11-25
33	14-11-25	Doubt class	14-11-25
34	19-11-25	Problem solving	19-11-25
35	20-11-25	revision	20-11-25
36	21-11-25	class test	21-11-24

DELHI COLLEGE OF TECHNOLOGY AND MANAGEMENT, PALWAL
LESSON PLAN

SESSION – Aug 2025

BBA/GN/503(V)

SUBJECT- Introduction to Analytics

LOAD: L-3, T-0 P-0

Details:

Total Lecture	Propose Date	Topics to be covered	Actual Date
01	13-8-25	Unit -1 Introduction to Analytics	13-8-25
02	14-8-25	decision making	23-8-25 Extra class
03	20-8-25	introduction to business analytic	20-8-25
04	21-8-25	different models in business analytics	21-8-25
05	22-8-25	problem solving through Analytics	22-8-25
06	27-8-25	big data	27-8-25
07	28-8-25	cader in business analytics	28-8-25
08	03-9-25	descriptive	03-9-25
09	04-9-25	predictive and prescriptive Analytics	04-9-25
10	05-9-25	Revision of unit 1	05-9-25
11	10-9-25	Class test Of unit 1	10-9-25
12	11-9-25	Unit-2 Descriptive Analytics	13-9-25 Extra class
13	12-9-25	statistical measures	12-9-25
14	17-9-25	measures of location	17-9-25
15	18-9-25	dispersion	20-9-25
16	19-9-25	shape and association	19-9-25
17	24-9-25	visualising and exploring data	24-9-25
18	25-9-25	overview, tables, charts	25-9-25
19	26-9-25	advanced data visualisation	26-9-25

20	1-10-25	data dashboards	1-10-25
21	3-10-25	Unit-3 Predictive analysis	3-10-25
22	8-10-25	trend lines and regression analysis	8-10-25
23	9-10-25	forecasting techniques	9-10-25
24	23-10-25	introduction to data mining	23-10-25
25	24-10-25	spreadsheet modelling and analysis	24-10-25
26	29-10-25	Monte carlo simulation and risk Analysis	29-10-25
27	30-10-25	Preparing the media plan,steps involved and problems encountered	30-10-25
28	31-10-25	Advertising agencies:types and their functions	31-10-25
29	06-11-25	Roles and services offered	6-11-25
30	07-11-25	Unit-4 Prescriptive Analytics	07-11-25
31	12-11-25	Linear optimization	12-11-25
32	13-11-25	Applications of linear optimisation	13-11-25
33	14-11-25	integer optimization	14-11-25
34	19-11-25	decision analysis	19-11-25
35	20-11-25	application of business analytics	20-11-25
36	21-11-25	application of analytics in finance	21-11-24

DELHI COLLEGE OF TECHNOLOGY AND MANAGEMENT, PALWAL
LESSON PLAN

SESSION – Aug 2025
LOAD: L-4, T-0 P-0

BBA(V) SUBJECT- Human values and professional ethics
SUBJECT CODE- BBA/DIMK/505

Details:

Total Lecture	Propose Date	Topics to be covered	Actual Date
01	13-8-25	Unit-1 moral values and ethics	13-8-25
02	14-8-25	Integrity ,work ethics ,honest	23-8-25 Extra class
03	20-8-25	Courage, caring and sharing	20-8-25
04	21-8-25	valuing time, corporation and commitment.	21-8-25
05	22-8-25	Empathy, self confidence, character	22-8-25
06	27-8-25	professional values :-meaning	27-8-25
07	28-8-25	Importance of professional value for quality ,professional success of manager	28-8-25
08	03-9-25	Harmonious relations within and between work group and timely work completion	03-9-25
09	04-9-25	Unit-1 test	04-9-25
10	05-9-25	Unit-2 senses of ethics , variety of moral issues	05-9-25
11	10-9-25	moral dilemmas,moral autonomy,team spriit	10-9-25
12	11-9-25	Consensus and controversy, professional ethics	13-9-25 Extra class
13	12-9-25	current issue in professional ethics and right in management and decision making	12-9-25
14	17-9-25	relation between ethics and value system	17-9-25
15	18-9-25	Implementation and monitoring of professional ethics	20-9-25
16	19-9-25	Code of ethics importance and usage	19-9-25
17	24-9-25	Unit-2 revision	24-9-25
18	25-9-25	Unit-2 test	25-9-25
19	26-9-25	Unit-3 assessment of safety and risk	26-9-25

20	1-10-25	Risk Benefit analysis, respect for authority	1-10-25
21	3-10-25	Confidentiality , conflicts of interest, occupational crime.	3-10-25
22	8-10-25	professional rights, employee rights- intellectual property right (IPR)	8-10-25
23	9-10-25	Gender inequality, cause and consequences	9-10-25
24	23-10-25	Discrimination ,social understanding	
25	24-10-25	Consequences of sexual harrassment	
26	29-10-25	Doubt classes	
27	30-10-25	unit-3 test	
28	31-10-25	Unit-4 multinational corporation.	
29	06-11-25	Environmental ethics.	
30	07-11-25	Computer ethics , weapons development.	
31	12-11-25	professionals as managers	
32	13-11-25	Professional as expert witnesses and advisors moral leadership -	
33	14-11-25	Code of conduct -corporate social responsibility	
34	19-11-25	Unit-4 doubt classea	
35	20-11-25	Revision	
36	21-11-25	Unit-4 test	

DELHI COLLEGE OF TECHNOLOGY AND MANAGEEMENT, PALWAL
LESSON PLAN

SESSION – Aug 2025
LOAD: L-4, T-0 P-0

BBA(V) SUBJECT- EVENT MANAGEMENT
SUBJECT CODE- BBA/GN/504

Lecture	Topic	Tentative Date
1	UNIT I: Introduction to Management & Event Management Management: Meaning and Functions	12-08-25
2	Event Management: Concept and Scope	13-08-25
3	Categories of Events: Personal/Informal and Formal/Official	14-08-25
4	Requirement of an Event Manager	20-08-25
5	Roles & Responsibilities of Event Manager in Different Events	21-08-25
6	Special Event Topics and Case Examples	22-08-25
7	Review and Doubt Session for Unit I	23-08-25
8	Test for Unit I	28-08-25
9	Assignment Discussion for Unit I	03-09-25
10	UNIT II: Event Planning and Risk Management Characteristics of a Good Planner, SWOT Analysis	04-09-25
11	Understanding Client Needs and Identifying Target Audience	05-09-25
12	Event Planning Process: Conceptualization and Costing	10-09-25
13	Canvassing, Customization, and Carrying Out Events	11-09-25
14	Critical Success Factors in Event Planning	12-09-25
15	Outsourcing Strategies, Working with Vendors	17-09-25
16	Negotiating Tactics, Accountability & Responsibility	18-09-25
17	Event Risk Management	19-09-25
18	IT Applications for Event Management	24-09-25
19	Review & Doubt Session for Unit II	25-09-25
20	Test for Unit II	26-09-25
21	Assignment Discussion for Unit II	1-10-25
22	UNIT III: Team Building and Leadership in Events Team Building and Managing Teams: Concept and Nature	3-10-25
23	Approaches, Activities, and Practices in Team Management	8-10-25
24	Characteristics of a High Performing Team	09-10-25
25	Skills Required for Leading Teams	23-10-25
26	Job Responsibilities in Leading Event Teams	24-10-25
27	Business Communication in Team Coordination	29-10-25
28	Review and Doubt Session for Unit III	30-10-25
29	Test for Unit III	31-10-25
30	Assignment Discussion for Unit III	6-11-25
31	UNIT IV: Event Marketing, Promotion & Sponsorship Nature & Process of Marketing, Branding, and Advertising	7-11-25
32	Publicity and Public Relations; Types of Advertising	8-11-25
33	Merchandising, Giveaways, Competitions & Promotions	10-11-25
34	Media Tools: Press Releases, TV, Radio, Blogs, and Websites	12-11-25
35	Event Partners, Associates, and Sponsors	13-11-25
36	Importance of Sponsorship (for Organizer & Sponsor)	15-11-25
37	Types of Sponsorship and Making Sponsorship Database	16-11-25
38	Sponsorship Proposal and Negotiation Process	18-11-25

39	Ways to Seek Sponsorship and Closing Deals	20-11-25
40	Research on Sponsorship Avenues & Partnership Conversion	21-11-25

DELHI COLLEGE OF TECHNOLOGY AND MANAGEMENT, PALWAL

LESSON PLAN

SESSION – Aug 2025

LOAD: L-4, T-0 P-0

Details:

BBA(V) SUBJECT- corporate laws

SUBJECT CODE- BBA/GN/501

Lecture	Topic	Propose Date
1	unit 1- companies act preliminary to companies act 2013	12-08-25
2	company meaning and features	13-08-25
3	kinds of companies	14-08-25
4	registration	20-08-25
5	incorporation	21-08-25
6	incorporation	22-08-25
7	memorandum of association	23-08-25
8	artificial association	28-08-25
9	prospectus	03-09-25
10	unit 2 -share capital share capital	04-09-25
11	shares issue and allotment of shares	05-09-25
12	types of shares	10-09-25
13	alteration of share capital	11-09-25
14	buy back of shares	12-09-25
15	surrender and four features of shares	17-09-25
16	bonus shares	18-09-25
17	sweat equity	19-09-25
18	debentures	24-09-25
19	kinds of debentures	25-09-25
20	Test for Unit II	26-09-25
21	Assignment Discussion for Unit II	1-10-25
22	unit 3 -company administration company administration	3-10-25
23	board of directors	8-10-25
24	appointment	09-10-25
25	Skills Required for Leading Teams	23-10-25
26	duties and remuneration	24-10-25
27	meetings	29-10-25
28	Review and Doubt Session for Unit III	30-10-25
29	Test for Unit III	31-10-25
30	Assignment Discussion for Unit III	6-11-25
31	unit 4- dividend declaration and payment of dividend	7-11-25
32	corporate social responsibilities	8-11-25
33	preventations of operation and mis management	10-11-25
34	Media Tools: Press Releases, TV, Radio, Blogs, and Websites	12-11-25
35	winding up types of winding up	13-11-25

36	appointment of liquidator	15-11-25
37	conduct of winding up National company law	16-11-25
38	Sponsorship Proposal and Negotiation Process	18-11-25
39	lord terminal and appellate terminal	20-11-25
40	Research on Sponsorship Avenues & Partnership Conversion	21-11-25

DELHI COLLEGE OF TECHNOLOGY AND MANAGEMENT, PALWAL

LESSON PLAN

SESSION – Aug 2025

MBA IST SEM **SUBJECT-** Business Communication

LOAD: L-4, T-0 P-0

SUBJECT CODE-

Details:

Unit	Lect.	Topic	Propose date
1st	1	Importance of communication in business organisations	12-8-2025
	2	Role of communication in business organisations	13-8-2025
	3	7 Cs of communication	14-8-2025
	4	Process of communication	20-8-2025
	5	Barriers in communication	21-8-2025
2nd	8	Principles of effective written communication	22-8-2025
	9	Types of business letters	23-8-2025
	10	Commercial letters	28-8-2025
	11	Sales letters	03-9-2025
	12	Routine letters	04-9-25
	13	Enquiries	05-9-25
	14	Inter-office memos	10-9-25
	15	Report writing	11-9-25
	16	Speech writing	12-9-25
	17	Preparing agenda of meetings	17-9-25
	18	Preparing minutes of meetings	18-9-25
	19	Writing e-mail	19-9-25
	20	Art of public speaking	24-9-25
	21	Listening skills	25-9-25
	22	Team communication	26-9-25
3rd	25	Cross-cultural dimensions of business communication	1-10-25
	26	Business etiquettes across cultures	3-10-25
	27	Communication using technology	8-10-25
	28	Video conferencing	9-10-25
	29	Mass communication	23-10-25
	30	Advertisements	24-10-25
	31	Publicity and press releases	29-10-25
	32	Public relations	30-10-25
	33	Newsletters	31-10-25
4th	40	Negotiation process	06-11-25
	41	Negotiation management	07-11-25
	42	Principles of designing presentations using audio-visual aids	08-11-25
	43	Creating online presentations	10-11-25

	44	Delivering online presentations	12-11-25
	45	Writing a summer project report	13-11-25
	46	Writing CVs	15-11-25
	47	Writing application letters	16-11-25
	48	Group discussions	18-11-25
	49	Interviews	20-11-25
	50	Revision	21-11-25

DELHI COLLEGE OF TECHNOLOGY AND MANAGEMENT, PALWAL

LESSON PLAN

SESSION – Aug 2025

MBA-107-V SUBJECT- legal aspects of business

LOAD: L-4, T-0 P-0

Details:

Total Lecture	Propose Date	Topics to be covered	Actual Date
01	13-8-25	The Indian Contract Act-	13-8-25
02	14-8-25	Essentials of a valid contract	23-8-25 Extra class
03	20-8-25	Void agreement	20-8-25
04	21-8-25	Konds of contract	21-8-25
05	22-8-25	Performance of contracts	22-8-25
06	27-8-25	Breach of contract and it's remedies	27-8-25
07	28-8-25	Quasi-Contract	28-8-25
08	03-9-25	The sale of goods Act-	03-9-25
09	04-9-25	Contract of sale of goods	04-9-25
10	05-9-25	Conditions and warranties	05-9-25
11	10-9-25	Transfer of property	10-9-25
12	11-9-25	Rights of an unpaid seller	13-9-25 Extra class
13	12-9-25	Unit-2 Negotiable instruments	12-9-25
14	17-9-25	Nature and types of negotiable instruments	17-9-25

15	18-9-25	Parties to negotiable instruments	20-9-25
16	19-9-25	Negotitation and assignment	19-9-25
17	24-9-25	Dishonour and discharge of a negotiable instruments	24-9-25
18	25-9-25	crossing and bouncing of cheques	25-9-25
19	26-9-25	consumer protection act 1986	26-9-25
20	1-10-25	Unit-2 test	1-10-25
21	3-10-25	Unit-2 The companies Act,	3-10-25
22	8-10-25	2013- characteristic and types of companies	8-10-25
23	9-10-25	Incorporation of a company	9-10-25
24	23-10-25	Memorandum and articles of association, director power and duties	23-10-25
25	24-10-25	Meeting prospectus, winding up	24-10-25
26	29-10-25	Indian partnership Act,1932 - essential element	29-10-25
27	30-10-25	formation of partnership, registration	30-10-25
28	31-10-25	Types of partner and partnerships	31-10-25
29	06-11-25	Rights and duties of partners	6-11-25
30	07-11-25	Unit-4 Competition Act 2002 -objectives	07-11-25
31	12-11-25	Competition commission of India	12-11-25
32	13-11-25	Information technology Act 2000	13-11-25
33	14-11-25	Rights to information Act	14-11-25

34	19-11-25	Overview a foreign exchange management Act	19-11-25
35	20-11-25	unit-4 revision	20-11-25
36	21-11-25	unit-4 test	21-11-24

DELHI COLLEGE OF TECHNOLOGY AND MANAGEMENT, PALWAL

LESSON PLAN

SESSION – Aug 2025

SUBJECT- Managerial economics

LOAD: L-4, T-0 P-0

SUBJECT CODE- MBA -105-V

Details:

Total Lecture	Propose Date	Topics to be covered	Actual Date
01	13-8-25	Unjt-1 scope of the managerial economics	13-8-25
02	14-8-25	Objectives of business firm	23-8-25 Extra class
03	20-8-25	Cardinal utility theory	20-8-25
04	21-8-25	indiffernce curve technique	21-8-25
05	22-8-25	Consumer surplus,	22-8-25
06	27-8-25	Price effect combination of income effect and substitution substitution	27-8-25
07	28-8-25	doubt Classes	28-8-25
08	03-9-25	Unit-1 revision	03-9-25
09	04-9-25	unit-1 test	04-9-25
10	05-9-25	unit-2 low of demand	05-9-25
11	10-9-25	demand elasticities	10-9-25
12	11-9-25	demand estimation and forecasting	13-9-25 Extra class
13	12-9-25	Production analysis	12-9-25
14	17-9-25	low Of variable proportion	17-9-25
15	18-9-25	low of return to scale	20-9-25
16	19-9-25	Isoquants	19-9-25
17	24-9-25	Optimal combinations of input	24-9-25

18	25-9-25	Doubt classe	25-9-25
19	26-9-25	Unit-2 revision	26-9-25
20	1-10-25	Unit-3 Theory of cost	1-10-25
21	3-10-25	Traditional and modern theory of cost in short and long runs	3-10-25
22	8-10-25	Economics and diseconomics of scale	8-10-25
23	9-10-25	Revenue carves	9-10-25
24	23-10-25	market structures	
25	24-10-25	Price-Output decision under perfect competition	
26	29-10-25	Monopoly	
27	30-10-25	Monopolistic competition and Oligopoly	
28	31-10-25	Shut down point	
29	06-11-25	Unit-3 revision	
30	07-11-25	Unit-3 test	
31	12-11-25	Unit-4 determinant of economic development	
32	13-11-25	Recent development in Indian economy	
33	14-11-25	business cycle, inflation	
34	19-11-25	types and control methods	
35	20-11-25	Monetary policy	
36	21-11-25	balanace of payment of India,trade deficit and remedies	