Lesson Plan

Name of the Faculty:	Er. Savedna
Discipline:	BCA
Semester:	2nd
Subject:	Introduction to Web Technologies (B23-CAP-202)
WorkLoad(Lecture/Practical) perweek(Inhours):	Lecture-4

S.No	Lecture No.	Theory	
		Topic(Including Assignment/Test/Quiz)	Pedagogy (PPT/Chalk and Board/Video Recording /Activity/Case Study)
1.	L1.	Introduction to Internet and World Wide Web (WWW)	Chalk and Board and PPT
2.	L2.	Evolution and History of World Wide Web	Chalk and Board and PPT
3.	L3.	Web Pages and Contents	Chalk and Board and PPT
4.	L4.	Web Clients, Web Servers	Chalk and Board
5.	L5.	Web Browsers	Chalk and Board and PPT
6.	L6.	Hypertext Transfer Protocol	Chalk and Board and PPT
7.	L7.	URLs	Chalk and Board
8.	L8.	Searching	Chalk and Board
9.	L9.	Search Engines and Search Tools.	Chalk and Board and PPT
10.	L10.	Web Publishing: Hosting website	Chalk and Board and PPT
11.	L11.	Internet Service Provider	Chalk and Board and PPT
12.	L12.	Planning and designing website	Chalk and Board and PPT
13.	L13.	Web Graphics Design	Chalk and Board and PPT
14.	L14.	Steps For Developing Website	Chalk and Board and PPT
15.		**Assignment 1**	On Paper
16.	L15.	Creating a Website and Introduction to Markup Languages (HTML and DHTML)	Chalk and Board and PPT

17.	L16.	HTML Document Features & Fundamentals	Chalk and Board
18.	L17.	HTML Elements	Chalk and Board and PPT
19.	L18.	Creating Links	Chalk and Board and PPT
20.	L19.	Headers	Chalk and Board and PPT
21.	L20.	Text styles; Text Structuring	Chalk and Board and PPT
22.	L21.	Text color and Background	Chalk and Board and PPT
23.	L22.	Formatting text; Page layouts	Chalk and Board and PPT
24.	L23.	Images	Chalk and Board
25.	L24.	Ordered and Unordered lists	Chalk and Board and PPT
26.	L25.	Inserting Graphics	Chalk and Board
27.	L26.	Table Creation and Layouts	Chalk and Board
28.	L27.	Frame Creation and Layouts	Chalk and Board and PPT
29.	L28.	Working with Forms and Menus	Chalk and Board and PPT
30.	L29.	Working with Radio Buttons; Check Boxes; Text Boxes	Chalk and Board
31.	L30.	HTML5	Chalk and Board and PPT
32.		**Assignment 2**	On Paper
33.	L31.	Introduction to CSS (Cascading Style Sheets)	Chalk and Board and PPT
34.	L32.	CSS Features, Core Syntax	Chalk and Board and PPT
35.	L33.	CSS Types	Chalk and Board and PPT
36.	L34.	Style Sheets and HTML	Chalk and Board
37.	L35.	Style Rule Cascading	Chalk and Board
38.	L36.	Inheritance	Chalk and Board
39.	L37.	Text Properties	Chalk and Board and PPT
40.	L38.	CSS Box Model	Chalk and Board and PPT
41.	L39.	Normal Flow Box Layout	Chalk and Board and PPT
42.	L40.	Positioning, and other useful Style Properties	Chalk and Board and PPT

43.	L41.	Features of CSS3	Chalk and Board and PPT
44.	L42.	The Nature of JavaScript: Evolution of Scripting Languages	Chalk and Board and PPT
45.	L43.	JavaScript-Definition	Chalk and Board and PPT
46.		**Assignment 3**	On Paper
47.	L44.	Programming for Non-Programmers	Chalk and Board and PPT
48.	L45.	Introduction to Client–Side Programming	Chalk and Board and PPT
49.	L46.	Enhancing HTML Documents with JavaScript.	Chalk and Board and PPT
50.	L47.	Static web pages	Chalk and Board and PPT
51.	L48.	Dynamic web pages	Chalk and Board and PPT

Lesson Plan

Name of the Faculty:	Er. Nishi Midha
Discipline:	BCA
Semester:	2nd
Subject:	Operating System
WorkLoad(Lecture/Practical) perweek(Inhours):	Lecture-4

S.No.	Lecture No.	Theory	
		Topic(IncludingAssignment/Test/Quiz)	Pedagogy (PPT/Chalk and Board/Video Recording /Activity/Case Study)
1.	L1	Introduction to Operating System, Function & Characteristics	Chalk and Board
3.	L2	Historical evaluation, Operating System structure	Chalk and Board
4.	L3	Types of Operating System	Chalk and Board
6.	L4	Operating system services, interface	Chalk and Board
5.	L5	Service system calls, System program	Chalk and Board
6.	L6	Concept of process, Operation on Process	Chalk and Board
7.	L7	Process state, PCB	Chalk and Board, PPT
8.	L8	CPU Scheduling: Scheduling criteria, level of scheduling	Chalk and Board
9.	L9	Scheduling Algorithm	Chalk and Board
10.	L10	Revision of scheduling algorithms	Chalk and Board
11.	L11	Multiple process scheduling, Algorithm Evaluation	Chalk and

			Board
12.	L12	Synchronization: Critical Section Problem	Chalk and Board
13.	L13	Semaphore, Classical problem of synchronization	Chalk and Board
14.	L14	Monitors	Chalk and Board
15.	L15	Introduction of Deadlock	Chalk and Board
		Class Test	On Paper
16.	L16	Deadlock characterization	Chalk and Board
17.	L17	Methods of Handling Deadlock	Chalk and Board, PPT
18.	L18	Deadlock prevention	Chalk and Board
19.	L19	Deadlock Avoidance	Chalk and Board
20.	L20	Deadlock detection & Recovery	Chalk and Board , PPT
21.	L21	Memory Management for single user	Chalk and Board
22.	L22	Partitioning	Chalk and Board
23.	L23	Swapping	Chalk and Board
24.	L24	Contiguous Memory Allocation	Chalk and Board
25.	L25	Paging, Segmentation	Chalk and Board
26.	L26	Virtual Memory Management	Chalk and Board
27.	L27	Demand paging	Chalk and Board
28.	L28	Page replacement	Chalk and Board

29.	L29	Page replacement algorithm	Chalk and Board
30.	L30	Thrashing	Chalk and Board
31.	L31	Class Test	On Paper
32.	L32	File system structure	Chalk and Board, PPT
33.	L33	File system Implementation	Chalk and Board
34.	L34	File Operations	Chalk and Board
35.	L35	Types of Files	Chalk and Board
36.	L36	Directory implementation	Chalk and Board
37.	L37	Allocation Methods	Chalk and Board, PPT
38.	L38	Free Space Management	Chalk and Board
39.	L39	Disk Scheduling- SSTF	Chalk and Board
40.	L40	Scan, C-SCAN	Chalk and Board
41.	L41	LOOK, C-LOOK	Chalk and Board
42.	L42	SSD Management	Chalk and Board

Lesson Plan

Name of the Faculty:	Er. Mamta Gautam
Discipline:	BCA
Semester:	2nd
Subject:	Object Oriented Programming using C++ B23-CAP-201
WorkLoad(Lecture/Practical)perweek(Inhours):	Lecture - 4

Sl No.	Lecture No.	Theory Topic(Including Assignment/Test/Quiz)	Pedagogy (PPT& Chalk-Board and Board/Video Recording /Activity/Case Study)
1	L1	Input Output in C++: Unformatted and Formatted I/O Operations	PPT &Chalk-Board
2	L2	I/O using insertion and extraction operators, streams in C++	PPT &Chalk-Board
3	L3	Functions: Declaration and Definition, return values, arguments	PPT
4	L4	passing parameters by value, call by reference, call by pointer	Chalk-Board
5	L5	Recursion, Inline Functions	Chalk-Board
6	L6	Function overloading	PPT
7	L7	Pointers, structures	PPT & Chalk-Board
8	L8	Union in C++	PPT & Chalk-Board
9		**Assignment-1**	On paper
10	L9	Class and Objects, Data hiding &encapsulation, abstraction	Chalk-Board
11	L10	Data Members and Member Functions	Chalk-Board
12	L11	accessing class members, empty class, local class, global class	Chalk-Board
13	L12	Scope Resolution Operator and its Uses, Static Data Members, Static Member Functions	Chalk-Board
14	L13	Structure vs Class, Friend function and friend class	Chalk-Board
15	L14	Constructors, Instantiation of objects	PPT & Chalk-Board

16	L15	Default constructor	PPT & Chalk-Board
17	L16	Parameterized constructor	Chalk-Board
18	L17	Copy constructor andits use	Chalk-Board
19	L18	Destructors	Chalk-Board
20	L19	Dynamic initialization of objects	Chalk-Board
21		**Query Session**	
22	L20	Overloading unary	PPT &Chalk-Board
23	L21	binary operators	Chalk-Board
24	L22	arithmetic operators	Chalk-Board
25	L23	manipulation of strings using operators	Chalk-Board
26	L24	Derived class	PPT & Chalk-Board
27	L25	base class	PPT & Chalk-Board
28	L26	Accessing the base class member	PPT & Chalk-Board
29	L27	Inheritance	Chalk-Board
30	L28	multilevel Inheritance	Chalk-Board
31	L29	Multiple Inheritance	Chalk-Board
32	L30	hierarchical	Chalk-Board
33	L31	hybrid	Chalk-Board
34	L32	Virtual base class	Chalk-Board
35	L33	Abstract class	Chalk-Board
36		**Assignment 2**	On paper
37	L34	Virtual Functions	Chalk-Board
38	L35	pure virtual functions	Chalk-Board
39	L36	Polymorphism & its types	Chalk-Board
40	L37	exception handling model	Chalk-Board
41	L38	Exception handling constructs - try, throw, catch	Chalk-Board
42	L39	Order of catch blocks	Chalk-Board
43	L40	Catching all exceptions	Chalk-Board
44	L41	Nested try blocks	Chalk-Board
45	L42	handling uncaught exceptions	Chalk-Board
46		**Query Session**	

Lesson Plan

Name of the Faculty:		Mr.Prashant Tyagi
Discipline:		BCA
Semester:		2nd
Subject:		Mathematical Foundations for Computer Science-II(B23-CAP-204)
WorkLoad(Lecture/Practical) perweek(Inhours):		Lecture-3

S.No	Lecture No.	Theory	
		Topic(IncludingAssignment/Test/Quiz)	Pedagogy (PPT/Chalk and Board/Video Recording /Activity/Case Study)
1.	L1.	Introduction,Integration of simple algebraic, trigonometric, and exponential functions.	Chalk and Board
4.	L2.	Presentation of data: Frequency distribution and cumulative frequency distribution,	Chalk and Board
5.	L3.	Diagrammatic and graphical presentation of data,	Chalk and Board
7.	L4.	Construction of bar, Pie diagrams, Histograms, Frequency polygon, Frequency curve, and Ogives.	Chalk and Board
6.	L5.	Introduction,Measures of central tendency: Arithmetic mean, Median, Mode,	Chalk and Board
7.	L6.	Geometric mean and Harmonic mean for ungrouped and grouped data.	Chalk and Board
8.	L7.	Measures of dispersion: Concept of dispersion, Mean deviation and its coefficient,	Chalk and Board
9.	L8.	Range, Variance and its coefficient, Standard deviation.	Chalk and Board
10.	L9.	Introduction, Correlation: Concept and types of correlation, Methods of finding correlation	Chalk and Board
10.	L10.	Scatter diagram, KarlPearson'scoefficients of correlation,	Chalk and Board
11.	L11.	Rank correlation	Chalk and

			Board
12.	L12.	Introduction,Linear regression: Principle of least square	Chalk and Board
13.	L13.	Fitting of a straight line	Chalk and Board
14.	L14.	Two lines of regression	Chalk and Board
15.	L15.	Regression coefficients.	Chalk and Board
		Assignment	**On Paper**
17.	L16.	finding integration of simple functions	Chalk and Board
18.	L17.	Representation of data using Bar and pie diagrams.	Chalk and Board
19.	L18.	Representation of data using Histogram	Chalk and Board
20.	L19.	Representation of data using Frequency polygon	Chalk and Board
21.	L20.	Representation of data using Frequency curves	Chalk and Board
22.	L21.	Representation of data usingOgives.	Chalk and Board
23.	L22.	Problems to compute measures of central tendency	Chalk and Board
24.	L23.	Problems to calculate measures of dispersion	Chalk and Board
25.	L24.	Problem to calculate Karl Pearson's coefficient of correlation.	Chalk and Board
26.	L25.	Problem to fit the straight line for the given data.	Chalk and Board
26.	L26.	Problem to find lines of regression.	Chalk and Board

Lesson Plan

Name of the Faculty:	Ms.Priyanka Saini
Discipline:	BCA
Semester:	2nd
Subject:	Cloud Computing Skills (B23-SEC-201)
WorkLoad (Lecture/Practical) per week (In hours):	Lecture-4

S.No	Lecture No.	Theory	
		Topic (IncludingAssignment/Test/Quiz)	Pedagogy (PPT/Chalk and Board/Video Recording /Activity/Case Study)
1.	L1.	Introduction to Cloud Computing	Chalk and Board and PPT
5.	L2.	Cloud Computing Concepts	Chalk and Board and PPT
6.	L3.	Computer Network Basics	Chalk and Board and PPT
8.	L4.	Concepts of Distributed Systems	Chalk and Board
7.	L5.	Necessity of Cloud Computing	Chalk and Board
8.	L6.	Cloud Service Providers and Their Significance	Chalk and Board
9.	L7.	Cloud Infrastructure Overview	Chalk and Board and PPT
11.	L8.	Pros and Cons of Cloud Computing	Chalk and Board and PPT
12.		**Assignment1**	On Paper
10.	L9.	Cloud Service Delivery Models (IaaS, PaaS, SaaS)	Chalk and Board
11.	L10.	Cloud Deployment Models	Chalk and Board and PPT
12.	L11.	Cloud Providers' Infrastructure Architecture	Chalk and Board
13.	L12.	Cloud Governance and Compliance	Chalk and Board and PPT
14.	L13.	Introduction to Cloud Storage	Chalk and Board and PPT
15.	L14.	Managing Cloud Storage	Chalk and Board and PPT
27.	L15.	Virtualization Concepts in Cloud Computing	Chalk and Board

28.	L16.	Virtualization for Enterprise Solutions	Chalk and Board
29.	L17.	Load Balancing in Cloud Environments	Chalk and Board
30.	L18.	Managing Information in the Cloud	Chalk and Board and PPT
31.	L19.	Building Cloud Networks	Chalk and Board and PPT
32.	L20.	Data Center Design for Cloud Computing	Chalk and Board
33.	L21.	Implementing Data Center-Based Cloud Solutions	Chalk and Board and PPT
34.	L22.	Installing Open Source Cloud Services	Chalk and Board and PPT
35.	L23.	Overview of Amazon Web Services (AWS)	Chalk and Board and PPT
36.	L24.	Google Cloud Platform (GCP) Overview	Chalk and Board
37.	L25.	Cloud Security Fundamentals	Chalk and Board
38.	L26.	Cloud Automation and Orchestration	Chalk and Board and PPT
39.	L27.	Cloud Monitoring and Management	Chalk and Board and PPT
40.	L28.	Big Data and Cloud Computing	Chalk and Board and PPT
41.	L29.	Cloud Cost Management	Chalk and Board and PPT
42.	L30.	Cloud Performance Optimization	Chalk and Board and PPT
43.	L31.	Serverless Computing in Cloud	Chalk and Board
44.	L32.	Edge Computing and the Cloud	Chalk and Board and PPT
45.	L33.	Cloud-Native Applications	Chalk and Board and PPT
46.	L34.	Cloud-Based Artificial Intelligence (AI) and Machine Learning (ML)	Chalk and Board and PPT
47.	L35.	Cloud in Internet of Things (IoT)	Chalk and Board and PPT
48.	L36.	Future Trends in Cloud Computing	Chalk and Board and PPT
49.		**Assignment 2**	On Paper

50.	L37.	Cloud Computing Case Studies	Chalk and Board and PPT
51.	L38.	Capstone Project: Designing a Cloud-Based Solution	Chalk and Board and PPT
52.	L39.	Cloud Computing Certification Exam Preparation	Chalk and Board and PPT
53.	L40.	Best Practices in Cloud Computing	Chalk and Board and PPT
54.	L41.	Final Review and Q&A	Chalk and Board and PPT

Lesson Plan

NameoftheFaculty:	Er. NishaKamboj
Discipline:	BCA
Semester:	2th
Subject:	Entrepreneurship & Start-ups B23-BBA-MDC-204
WorkLoad(Lecture/Practical)perweek(Inhours):	Lecture - 4

Sl No.	Lecture No.	Theory Topic(Including Assignment/Test/Quiz)	Pedagogy (PPT& Chalk-Board and Board/Video Recording /Activity/Case Study)
1	L1	**Unit=1** Entrepreneurship: Meaning	Chalk-Board
2	L2	Significance	Chalk-Board
3	L3	Relationship between Entrepreneurship Development and Economic Development	PPT
4	L4	Qualities of entrepreneurs	Chalk-Board
5	L5	Qualities of Entrepreneurial Competencies	Chalk-Board
6	L6	Types of Entrepreneurs.	PPT
7	L7	Types of Entrepreneurs continued	PPT & Chalk-Board
8	L8	Revision	
9		**Assignment 1**	
10	L9	**Unit-2** Entrepreneurial support system	Chalk-Board
11	L10	Family Business and their contribution to Entrepreneurship	Chalk-Board
12	L11	Role of Educational Institutions in promoting the Entrepreneurship culture	Chalk-Board
13	L12	Role of Educational Institutions in promoting the Entrepreneurship culture	Chalk-Board
14	L13	Revision	Chalk-Board
15	L14	**Unit-3** Role of Government, Promotional Agencies in Entrepreneurship Development	PPT & Chalk-Board
16	L15	Role of Government Institutions in	PPT & Chalk-Board

		Entrepreneurship Development	
17	L16	Incentives	Chalk-Board
18	L17	Various Financial Schemes available for Entrepreneurs.	Chalk-Board
19		**Assignment 2**	
20	L18	Revision	Chalk-Board
21	L19	**Unit-4** Opportunity Identification process; Business plan	Chalk-Board
22	L20	Start-Up India	Chalk-Board
23	L21	Initiative Major Players/stakeholders in Startup Ecosystem	Chalk-Board
24	L22	Mentors	Chalk-Board
25	L23	Incubators	Chalk-Board
26	L24	Investors	PPT & Chalk-Board
27	L25	Accelerators	PPT & Chalk-Board
28	L26	Government Bodies	PPT & Chalk-Board
29	L27	Revision	Chalk-Board
30	L28	Query session	

Lesson Plan

Name of the Faculty:	Mr. Harshit
Discipline:	BCA
Semester:	IInd
Subject:	English Language and Communication Skills (B23-AEC-211)
WorkLoad(Lecture/Practical) perweek(Inhours):	Lecture-3

S.No	Lecture No.	Theory	
		Topic(Including Assignment/Test/Quiz)	Pedagogy (PPT/Chalk and Board/Video Recording /Activity/Case Study)
1.	L1.	Introduction to Phonetic Transcription	Chalk and Board and PPT
6.	L2.	Basic of Phonetic Symbols	Chalk and Board
7.	L3.	Consonant Sound Symbols-I	Chalk and Board
9.	L4.	Consonant Sound Symbols-II	Chalk and Board
8.	L5.	Monopthong Sound Symbols	Chalk and Board
9.	L6.	Dipthongs Sound Symbols	Chalk and Board
10.	L7.	Phonetic transcription of words through Oxford Advanced Learner's Dictionary.	Chalk and Board and PPT
11.	L8.	Phonetic Transcription of one syllable words.	Chalk and Board and PPT
13.	L9.	Introduction to Expository Speech	Chalk and Board and PPT
14.		**Assignment1**	On Paper
10.	L10.	Types of Expository speech (Descriptive, Sequential, Comparative)	Chalk and Board and PPT
11.	L11.	Types of Expository Speech (Cause and Effect, Problem and solution, Classification)	Chalk and Board and PPT
12.	L12.	Argumentative speech	Chalk and

			Board and PPT
13.	L13.	Characteristics of argumentative speech	Chalk and Board and PPT
14.	L14.	Tips to write argumentative speech.	Chalk and Board and PPT
15.	L15.	Introduction to Punctuation	Chalk and Board and PPT
55.	L16.	Punctuation: Full stop, comma, apostrophe	Chalk and Board and PPT
56.	L17.	Punctuation: colon, semi-colon, question mark, exclamation	Chalk and Board and PPT
57.	L18.	Punctuation: Slash, at sign, quotation mark, ellipsis mark	Chalk and Board and PPT
58.	L19.	Capitalization	Chalk and Board and PPT
59.	L20.	Introduction to Tenses	Chalk and Board and PPT
60.	L21.	Types of Tenses	Chalk and Board
61.	L22.	Simple Present Tense	Chalk and Board
62.	L23.	Present Continuous Tense	Chalk and Board
63.	L24.	Present Perfect Tense	Chalk and Board
64.	L25.	Present Perfect Continuous Tense	Chalk and Board
65.	L26.	Simple Past Tense	Chalk and Board
66.	L27.	Present Continuous Tense	Chalk and Board
67.	L28.	Present Perfect Tense	Chalk and Board
68.	L29.	Past Perfect Continuous Tense	Chalk and Board
69.	L30.	Simple Future Tense	Chalk and Board
70.	L31.	Future Continuous Tense	Chalk and Board
71.	L32.	Future Perfect Tense	Chalk and Board
72.	L33.	Future perfect continuous tense	Chalk and Board
73.	L34.	Rules to imply Tenses	Chalk and Board and PPT

74.	L35.	Introduction to Role plays	Chalk and Board and PPT
75.	L36.	Importance of Role Plays	Chalk and Board and PPT
76.	L37.	Rules for Role Plays	Chalk and Board and PPT
77.		**Assignment2**	On Paper
78.	L38.	Introduction to Group Discussion	Chalk and Board and PPT
79.	L39.	Importance of Group Discussion	Chalk and Board and PPT
80.	L40.	Rules for Group Discussion	Chalk and Board and PPT

Lesson Plan

Name of the Faculty:		Ms. Chetna Singh
Discipline:		BCA
Semester:		2nd
Subject:		Human Values & Ethics (B23-VAC-201)
WorkLoad(Lecture/Practical) perweek(Inhours):		2

S.No.	Lecture No.	Theory	
		Topic(IncludingAssignment/Test/Quiz)	Pedagogy (PPT/Chalk and Board/Video Recording /Activity/Case Study)
1	L1	Introduction to Value Education.	Chalk and Board
2	L2	Understanding the need, content and process for Value Education.	Chalk and Board
3	L3	Classification of Value Education understanding Personal Values, Social Values.	Chalk and Board
4	L4	Moral Values & Spiritual Values.	Chalk and Board
5	L5	Understanding the difference between ideology and values.	Chalk and Board
6	L6	Understanding Harmony with self, society and Nature.	Chalk and Board
7	L7	Revision	Chalk and Board, PPT
8	L8	Debate and Discussion on the need and nature of Value Education	Activity
9	L9	Understand various types of Values.	Chalk and Board
10	L10	Revision	Chalk and Board, PPT

11	L11	Class Test	Oral Test
12	L12	Meaning and nature of Human Values.	Chalk and Board
13	L13	Relation between Values and Ethics.	Chalk and Board
		Assignment - 1	On Paper
14	L14	Relevance of Human values : Integrity Empathy, Loksangrah, Brahmvihara.	Chalk and Board
15	L15	Theory of Naya (Jainism), Deontology. Virtue Ethics, Utilitarianism	Chalk and Board
16	L16	Understanding the Relationship among: Self, Identity and Personality.	Chalk and Board
17	L17	Understanding Integrated Personality - with the three Gunas theory of Sankhya.	Chalk and Board
18	L18	Antah - Karanas (Inner Instruments) in Yoga, and Panchkosha (five sheaths) in Upanishad.	Chalk and Board
19	L19	Approaching comprehensive understanding of well-being and its relation to Happiness.	Chalk and Board
20	L20	Revision	Chalk and Board, PPT
21	L21	Class Test	Oral Test
22	L22	Nature, characteristics and scope of professional ethics; Types of Professional Ethics.	Chalk and Board
23	L23	Professional Values: Trusteeship, Inclusiveness, Commitment, Sustainability, Accountability, Transparency, Impartiality.	Chalk and Board
24	L24	Values for Global Citizenship: Equality, Justice, and Human Dignity.	Chalk and Board
25	L25	Nature and need of competency based education, Types of Competencies.	Chalk and Board
		Assignment - 2	On Paper
26	L26	Core Competencies: communication, teamwork, planing and achieving goals.	Chalk and Board

27	L27	Functional Competencies: analytical thinking, knowledge sharing and learning, decision making. partnership building.	Chalk and Board
28	L28	Revision	Chalk and Board, PPT
29	L29	Previous Year Question Discussion	Chalk and Board
30	L30	Class Test	Oral Test

Department of Computer Science & Applications

Semester: 2nd   Faculty Name: Ms. Prachi Seth

Course Title: Environmental Studies   Course No. : B23-VAC-201

Lesson Plan

NameoftheFaculty:	Ms. Prachi Seth
Discipline:	BCA
Semester:	2nd
Subject:	Environmental Sciences
WorkLoad(Lecture/Practical)perweek(Inhours):	3 Lecture per week

S.No	Lecture No.	Theory	
		Topic(IncludingAssignment/Test/Quiz)	Pedagogy (PPT/Chalk and Board/Video Recording /Activity/Case Study)
1	L1	Multidisciplinary nature of EVS	Chalk and Board
2	L2	Scope & Importance of EVS	Chalk and Board
3	L3	Concept of sustainability & sustainable development.	Chalk and Board
4	L4	Definition & Structure of ecosystem	Chalk and Board & PPT
5	L5	Function of ecosystem	Chalk and Board
6	L6	Energy flow in an ecosystem: Food chain & Food webs	Chalk and Board & PPT
7	L7	Major ecosystem types: Forest	Chalk and Board
8	L8	Grassland & Desert ecosystem	Chalk and Board
9	L9	Aquatic ecosystem (lakes, rivers, oceans)	Chalk and Board
10		**CLASS TEST**	On Paper
11	L10	Land Resources: Land degradation	Chalk and Board& PPT
12	L11	Land Resources: Soil erosion	Chalk and Board& PPT
13	L12	Forest Resources: Importance & Deforestation: causes & impacts on environment.	Chalk and Board& PPT
14	L13	Water Resources: Use & over exploitation of surface &	Chalk and Board

		ground water	& PPT
15	L14	Energy Resources: Renewable & Non- Renewable	Chalk and Board & PPT
16		**Sessional Examination-1**	On Paper
17	L15	Biodiversity: Definition & its types	Chalk and Board
18	L16	Endangered & endemic species of India	Chalk and Board & PPT
19	L17	Threats to biodiversity: Habitat loss, poaching of wildlife	Chalk and Board& PPT
20	L18	Threats to biodiversity: Man- wildlife conflicts, biological invasions	Chalk and Board & PPT
21	L19	Conservation of biodiversity	Chalk and Board& PPT
22		**Assignment & Presentation**	Paper & PPT
23	L20	Ecosystem & biodiversity services: Ecological, economical, social	Chalk and Board & PPT
24	L21	Ecosystem & biodiversity services: Ethical, aesthetic & informational values	Chalk and Board & PPT
25	L22	Environmental pollution: Types, causes, effects & controls- Air pollution	Chalk and Board& PPT
26	L23	Water pollution	Chalk and Board& PPT
27	L24	Soil pollution	Chalk and Board& PPT
28	L25	Noise pollution	Chalk and Board
29	L26	Solid Waste Management	Chalk and Board& PPT
30	L27	Climate Change & Global Warming	Chalk and Board & PPT
31	L28	Ozone layer depletion	Chalk and Board& PPT
32	L29	Acid Rain	Chalk and Board & PPT
33		**Sessional Examination-2**	On Paper
34	L30	Environmental Policies & Practices: EPA	Chalk and Board
35	L31	Air Act & Water Act	Chalk and Board
36	L32	Human Population Growth: Impacts on Environment	Chalk and Board
37	L33	Human health & welfare	Chalk and Board
38	L34	Resettlement & Rehabilitation	Chalk and Board
39	L35	Disaster Management: Floods, Earthquakes	Chalk and Board
40	L36	Cyclones, Landslides & drought	Chalk and Board
41	L37	Environmental Ethics	Chalk and Board
42		**Sessional Examination-3**	On Paper