SARASWATI MAHILA MAHAVIDHYALAYA, PALWAL

LESSON-PLAN

Class: BCA 6ᵀᴴ SEM   **Semester: EVEN**

Subject: System Analysis and Design   **Session: 2021-22**

Lecture Number	Topic
	UNIT 1
L 1-17	Introduction to analysis and design
	System and it characteristics,
	Components, environment and classification,
	SDLC,
	Case tools for analyst,
	Role of system analyst,
	ER data models,
	Feasibility study – economic, technical,operational.
	UNIT 2
L 18-38	Design of Application
	DFDs, form design,
	Screen design,
	Report design,
	Structure chart,
	Data base definition,
	Equipment specification and selection,
	Personnel estimates, I-O design.
	UNIT 3

L 39-53	Implementation:- data dictionary,
	Decision tables,
	Decision trees,
	Logical design to physical implementation.
	UNIT 4
L 54-70	Introduction to distributed data processing and real time system
	Evaluating distributing system,
	Designing distributed data base,
	Event based real time analysis tools,
	State transition diagrams.

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ASSTT. PROF. IN COMPUTER SCIENCE.