**SARASWATI MAHILA MAHAVIDHYALAYA, PALWAL**

**LESSON-PLAN**

**Class: B.COM C.A IIIRD YR. Semester: ODD**

**Subject: CAD Session: 2020-21**

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| **Lecture Number** | **Topic** |
| **1-20** | **UNIT-I** |
|  | Introduction to CAD/CAM , Product cycle and CAD/CAM |
|  | Automation and CAD/CAM |
|  | Introduction to CPU ,Types of memory |
|  | Input/output devices |
|  | Data representations |
|  | Computer programming languages |
|  | Operating the computer system |
|  | Introduction to mini computer, micro computers |
|  | Introduction to mini computer, micro computers |
|  | Programmable controllers |
|  | Programmable controllers |
|  | Tests and Assignment of unit -1 |
|  | **UNIT-II** |
| **21-40** | Design process |
|  | Application of computers for design |
|  | Creating the manufacturing database |
|  | Benefits of computer aided design with examples |
|  | Hardware in computer aided design, design workstation |

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| **Lecture Number** | **Topic** |
|  | Graphic terminal |
|  | Plotter and other output devices |
|  | Secondary storage |
|  | Tests and Assignment of unit -2 |
| **41-60** | **UNIT-III** |
|  | Software configuration of a graphic system |
|  | Functions of graphic package |
|  | Exchange of cad data |
|  | Role of multimedia |
|  | Tests and Assignment of unit -3 |
| **61-80** | **UNIT-IV** |
|  | Data warehousing components |
|  | Building a data warehouse |
|  | Mapping the data warehouse to a multiprocessor architecture |
|  | DBMS schemas for decision support |
|  | Data extraction, cleanup |
|  | Transformation tools, Metadata |
|  | Tests and Assignment of unit -4 |

**REKHA DUA**

**ASST. PROFF. IN C.S DEPTT.**