**SARASWATI MAHILA MAHAVIDHYALAYA, PALWAL**

**LESSON-PLAN**

**Class: BCOM.III YR Semester: EVEN**

**Subject: CAD-II Session: 2021-22**

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| **Lecture Plan** | **Topic** |
|  | **Computer Aided Design: Implementations of CAD**. |
|  | **Features of CAD, Future of CAD.** |
|  | **Artificial Inelegancy (AI) for intelligent and manufacturing.** |
|  | **Element of AI.** |
| **1-22** | **Knowledge based Expert System.** |
|  | **Machine Vision System.** |
|  | **Neural Networks.** |
|  | **Revision.** |
|  | **Unit-2** |
|  | **Hardware & Software requirements of Auto CAD.** |
|  | **Data Communication and networks;** |
| **23-45** | **Data Encryption, Industrial Report; Definition and Robot history.** |
|  | **Features of Robots, Application of Robots in Industry.** |
|  | **Robot Programming Methods and Robot Programming Language.** |
|  | **Revision** |
|  | **Test** |
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|  | **Unit-3** |
|  | **Multimedia: Definitions, Multimedia Components.** |
|  | **Compact disk, Sounds, Image, Text, Hypertext .** |
| **46-56** | **Hypermedia, Animation, Morphing, Video, Virtual Reality.** |
|  | **Virtual Reality Technology and Tools.** |
|  | **Computer-Integrated manufacturing Systems.** |
|  | **Revision** |
|  | **Doubt.** |
|  | **Unit-4** |
|  | **Computer Graphic: Applications of Computer Graphics.** |
|  | **Display devices Basic Terms; Raster-Scan Display, Randam Scan.** |
| **56-76** | **Display, Direct View Storage Tube.** |
|  | **Flat panel Display, Input Devices, hardcopy devices.** |
|  | **Revison** |
|  | **Test** |

**Ms.Mamta**

**(Asst.prof.in CS)**