**BBDNITM**

**MECHANICAL DEPARTMENT**

**SESSION(2018-19)**

**COMPUTER AIDED DESIGN [NME-701]**

**ASSIGNMENT No. 1**

Q 1. What are the various Display devices that are used for displaying information?

 List their merits and demerits.

Q 2. Describe the various design related tasks, which are performed by modern

 Computer Aided Design System.

Q 3. What do you understand by coordinates system of a CAD tool ? Name the

 Co-ordinates systems required in order to input, store and display model

 geometry and graphics.

Q 4. Make a table of important Design Phases. What are the required CAD tools to

 support various design phases ?

Q 5. Why Raster Scan Display is preferred in CAD ?

Q 6. Explain the Colour System used in Raster scan display device.

Q 7. What are various CAE Activities ?

Q 8. State the various types of output devices used in CAD workstation. Explain,

 with neat sketch, any two output devices.

Q 9. Differentiate between Random & Raster Scan.

Q 10. Compare the capabilities, advantages & disadvantages of any three types of

 display devices.