

EXPERIMENT-8

Aim: Installation and Computers via serial or Parallel ports and enable the computers to share disk and printer port.

Port:

A port is a point at which an external device (hardware) can be attached to the computer system. There are two kinds of ports:

- 1) *Serial Port:* They transmit data sequentially one bit at a time. They are usually 9-pin or 25-pin male connectors.

Serial Port



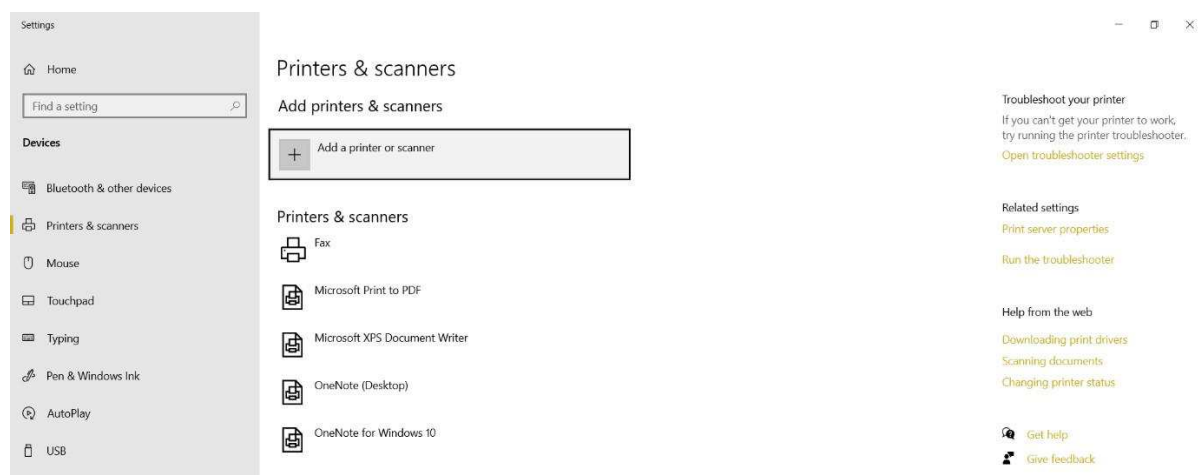
- 2) *Parallel Ports:* Parallel ports send or receive data at speed 8 bits (1 byte) at a time. They are 25-pin female pin are used for connecting printers, scanners, HDD etc

Parallel Port



Adding a Network Printer to Windows Computer:

- 1) Click on the **start** button, and then select **Devices and printers**.
- 2) In this panel. Click on **Add a printer**.



- 3) In the Add Printer window, click on the option **Add a local printer**.
- 4) Select **Create a new port** and then select **Standard TCP/IP Port** from the drop down menu. Click Next.
- 5) Enter the IP Address of the printer and select the option **Query the printer and automatically select the driver to use**. Click Next.

- 6) Select the option **Use the driver that is currently installed.**
- 7) Enter the descriptive name for the Printer.
- 8) Select on **Do not share this printer** and click Next.
- 9) Print a test page for confirmation.
- 10) Click close.
- 11) Click Finish.

You can check the name of the printer in the devices and printers list.
