**Experiment- 1**

**Familiarization of Network devices**

**Aim:** Study of the following Network devices in detail:

* Repeater
* Hub
* Switch
* Bridge
* Router
* Gate way

**Apparatus (Software):** No Software or hardware needed.

**Theory:** In Data communication & network, network devices play an important role. Each network devices are considered as node of a graph. Network devices are components used to connect computers or other electronic devices together so that they can share files or resources like printers or fax machines. Devices used to setup a Local Area Network (LAN) are the most common types of network devices used by the public. A LAN requires a hub, router, switch, Bridge, cabling or radio technology, network cards, and if online access is desired, a high-speed modem. This is much less complicated than it might sound to someone new to networking.

**Procedure:** Explain each Network devices in details with proper diagram. Write short notes on each Network devices.

**Conclusion:** Gain the knowledge about the Network Devices.