**Umoh Andikan Enwongo**

**18/SCI01/094**

**CSC 202**

**Advantages of Integrated circuits**

1. **The entire physical size of IC is extremely small than that of discrete circuit.**
2. **The weight of an IC is very less as compared entire discrete circuits.**
3. **It’s more reliable.**
4. **Because of their smaller size it has lower power consumption.**
5. **It can easily replace but it can hardly repair, in case of failure.**
6. **Because of an absence of parasitic and capacitance effect it has increased operating speed.**
7. **Temperature differences between components of a circuit are small.**
8. **It has suitable for small signal operation.**