



## ***Materials in Power Transmission***

- ❖ Silver, copper and aluminium are the best electrical conductors
- ❖ Overhead cables are usually made from aluminium with a steel core to give the cables strength
- ❖ Ceramic insulators are used to isolate the electrical cables from the pylon
- ❖ Pylons are made from galvanised steel as it is strong and resistant to the weather
- ❖ Plastic coated copper wire is used in domestic applications