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STUDY MATERIAL SCIENCE CLASS-VII

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► Heating & Magnetic effect of Electric current

➤ Compact Fluorescent Lamps (CFLs) :

An electric bulb is basically used for producing light but it also releases the heat which is not desirable because a major part of the electricity consumed by the filament of a bulb is converted into heat and results in the wastage of electricity. So, this wastage can be decreased by using fluorescent tube light or CFLs (as shown in the figure) in place of the bulbs.

However, before purchasing bulbs, tubes or CFL's we should look for the ISI mark? (ISI- Bureau of Indian standard). It is because the ISI mark ensures that the appliance is safe and wastage of energy is minimum.

