

- In **FPS system** they were foot, pound and second respectively.
- In **MKS system** they were meter, kilogram and second respectively.

**SI System:** In the year 1960, the eleventh general conference of Weights and Measures made an attempt to improve the existing unit systems. This conference introduced the International System of Units ('*System International d' Unites*'). The SI system is at present widely used throughout the world.

- Because SI units used decimal system, conversions within the system are quite simple and convenient.

### FUNDAMENTAL UNITS in SI system

#### Basic Units:

S. No.	Physical Quantity	S.I. Unit	Symbol
1.	Mass (M)	kilogram	Kg
2.	Length (L)	meter	m
3.	Time (T)	second	s
4.	Temperature ( $\theta$ )	kelvin	K
5.	Luminous Intensity (L)	candela	Cd
6.	Electric Current (I)	ampere	A
7.	Amount of Substance (n)	mole	mol.