

Chapter 02

STRUCTURE OF ATOM

ATOM:

The smallest particle obtained by dividing matter is called “atom”.

- The first atomic theory is proposed by “Dalton”.
- Dalton’s atomic theory regards the atom as ‘indivisible’.
- The experiments conducted after Dalton’s theory, could not match with the results.
- Hence it is supposed that atom is further divisible.
- The particles obtained by dividing atom are called as Sub atomic particles.
- There are mainly three sub atomic particles, namely electron, proton & neutron.
- Electron is the first sub atomic particle discovered by J.J.Thomson through discharge tube experiment.