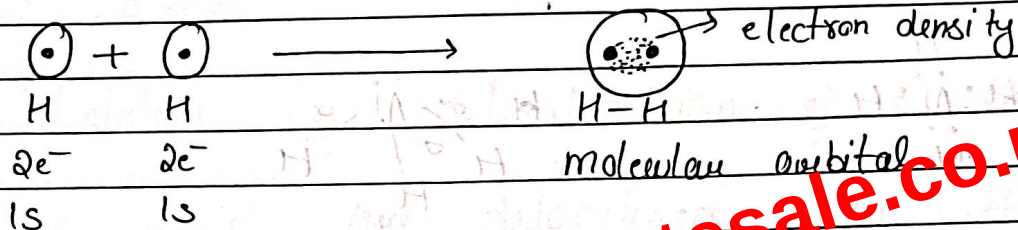


ChemistryChapter-4Localised & delocalised bond

→ What are chemical bonds?

Chemical bonds are found when two nuclei share a pair of electron between them. There are two form of chemical bond as localised & delocalised chemical bonds



All the electron density is confined to the centre of orbital.

localised bond → The electron forming a covalent bond present most of the time in the space between two particular atom. Such electron are localised electron & bond are localised bond.

1.) (σ) Sigma bonds are also known as localised bond. (They do not move).

2.) (π) bond may or may not be localized.

(because π bonds are moveable sometime).

e.g → ethylene

