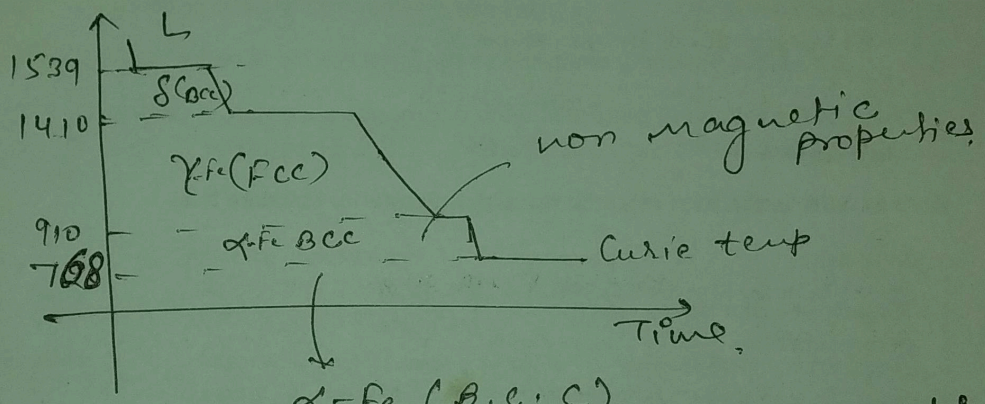
RON. Allotropy →

Iron is relatively soft and ductile material. It has melting point 1539°c

* It is an allotropic metal, which means that it exist is more than one type of lattice structure. (BCC/FCC) depending upon temp.

* In Room temp. iron is BCC in lattice arrangement, where as at 910°c it changes to FCC. And ~~at last~~ at 1410°c back to B.C.C again.



Curie temp.

The temp. at which certain material lose their permanent magnetic properties.

the iron remain non magnetic untill the temp. drops back below the curie point.