



DHARAMPETH M. P. DEO MEMORIAL SCIENCE COLLEGE,
NAGPUR

B.Sc. (CHEMISTRY) Semester VI

Paper I Inorganic Chemistry

(Metal ligand bonding in transition metal Complex, Electronic spectra of transition metal Complexes, Magnetic properties of transition metal complexes, Thermodynamic and Kinetic aspect of metal complexes, Organometallic Chemistry Metal Carbonyls, Bio-inorganic Chemistry Nano Chemistry)

Unit I

Metal ligand bonding in transition metal Complex

<https://www.youtube.com/live/1TJysro3YaU?si=JhesUnuovalLSbgT>

Electronic spectra of transition metal Complexes

<https://www.youtube.com/live/51xUKSzxOOs?si=ouUWBOAgXEtd-gAW>

Unit II

Magnetic properties of transition metal complexes

<https://youtu.be/nU1tYLFPap0?si=9CMibNgP0I7P9OSW>

Thermodynamic and Kinetic aspect of metal complexes

<https://youtu.be/JYqT6Bx7wkg?si=5S0R6uPY7eVT8tcN>

Unit III

Organometallic Chemistry Metal Carbonyls

<https://youtu.be/EngjwekfWnw?si=hdTK-1104Y1gDD4E>

<https://youtu.be/Ufh3jL5VVbo?si=1BSav4msQvtwSaCz>

Unit IV

Bio-inorganic Chemistry Nano Chemistry

<https://youtu.be/3wFX9Zk3PaU?si=7fwAaeUTDWHbhyNU>

<https://youtu.be/jDuzWlz9BaY?si=oSHruzfGb5UHLSKO>