



CONCLUSION

CONCLUSION

On the basis of the observed data and ongoing discussion in each chapter some meaningful conclusions have been drawn. Author's observations clearly show that polarographic method could be successfully used for the study of binary and ternary complexation equilibrium of the transition metals and rare earths. Moreover, the amperometric methods could be developed for the trace analysis of the titled metals by titrating them with some ligands of modern analytical importance. The work has been successfully supplemented by UV spectral studies on the metal ligand complexation equilibrium.

LIST OF PUBLICATIONS

1. Polarographic studies on complex formation of Tb^{3+} and Dy^{3+} ion with 1-2 (Pyridyl azo) 2-Naphthol and 4-2 (Pyridyl azo) Resorcinol.

Paper presented in the National Science day

Faculty of Science Dr. H.S. Gour Vishwavidyalaya, Sagar (M.P.)
27-28 February, 2001.

2. Electrochemical behaviour of mixed complexes of Tb^{III} with 4-(2-Pyridyl azo) Resorcinol and 1-(2-Pyridyl azo) 2-Naphthol.

Veena Chaudhary and K.S. Pitre

Indian Chemical Society (Accepted).