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CERTIFICATE FROM THE SUPERVISOR

This is to certify that the thesis entitled "Multidentate ligand based Co(II/III) and Cu(II) coordination compounds: Synthesis, crystal structure and molecular property" submitted by Soumen Manna, for the award of Ph. D. (Science) degree of Vidyasagar University, is absolutely based upon his own work under my supervision and neither this thesis nor any part of it has been submitted for any degree/diploma or any other academic award anywhere before.

(Dr. Subal Chandra Manna)

(Signature of the sole supervisor & date with official seal)