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Certificate

Certified that the work embodied in this thesis entitled “**Synthesis and Physico-Chemical Studies of Macrocyclic Complexes of Transition Elements Involving O, N and S Donors Moieties**” is the result of original researches carried out by **Ms. Shabana Tabassum** under my supervision and is suitable for submission for the award of the **Ph.D** degree of Aligarh Muslim University, Aligarh.



(Dr. T. A. Khan)