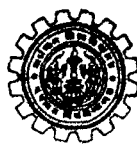


THE UNIVERSITY OF BURDWAN

*Dr. B. K. Ghosh*  
*Reader*

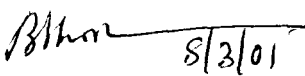


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This is to certify that Sri Tapan Kumar Mallick has carried out the work described in the dissertation entitled **“MIXED-LIGAND COMPLEXES OF RUTHENIUM- AND OSMIUM- BOUND 2-(ARYLAZO)PYRIDINES : SYNTHESIS, SPECTRA AND ELECTROCHEMISTRY”** under my guidance and that he has fulfilled all the requirements regarding the regulation for submitting the thesis for the Ph. D. degree of this university.

It is also certified that the said thesis incorporates the results of original investigation made by Sri Mallick in the Department of Chemistry, the University of Burdwan, Burdwan 713 104, India. In this context, I would like to mention that this work or any part of it has not been previously submitted for any degree whatsoever by him or by anyone else.

  
(B. K. Ghosh)