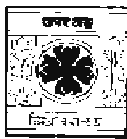


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### SUPERVISOR'S CERTIFICATE

It is a pleasure for me to write a few lines about my Ph.D. student Sri Baidyanath Ghosh, on the occasion of his submission of Ph.D. thesis for evaluation purpose entitled, "Synthesis and Physicochemical studies on coordination compounds of molybdenum, copper, iron and zinc with 2-amino substituted pterins".

The work embodied in the above thesis is concerned with redox non-innocent pterin ligands and bulk of the compounds reported here involve the molybdenum (IV) oxidation state. Sri Ghosh proved his mettle in synthesizing such air-sensitive compounds under inert atmosphere and purifying them through flash chromatography under dinitrogen flow. Some of the synthetic procedures have to be repeated several times, for getting the correct microanalytical, mass spectral and spectroscopic data (IR, NMR, etc.). Some of the spectral data reported here will speak for themselves. He has been tested to the limit of endurance for achieving such precise experimental data.

I hope the sympathetic reader will find this thesis a fountain of joy and intellectual inspiration.

I wish Sri Ghosh every success in life.

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DATE: