



**TEZPUR UNIVERSITY**  
(A Central University)  
**Napaam, Tezpur-784028**  
**District-SONITPUR, ASSAM, INDIA**

**Prof. Ramesh C. Deka**  
Professor  
Department of Chemical Sciences  
Tezpur University, Napaam,  
Tezpur-784028, Assam, INDIA

E-mail: [ramesh@tezu.ernet.in](mailto:ramesh@tezu.ernet.in)  
Tel: +91(3712)267008/9  
+91 9435380221(M)  
Fax: +91 (3712) 267005/6

---

**CERTIFICATE FROM SUPERVISOR**

This is to certify that the thesis entitled “**Magnetostructural Study of Transition Metal Complexes and Clusters by Computational Methods**” submitted to the School of Sciences, Tezpur University in partial fulfillment for the award of the degree of Doctor of Philosophy in Chemical Sciences is a record of research work carried out by **Mrs. Snigdha Dutta** under my supervision and guidance. She has been duly registered (Registration No. TZ132042 of 2013) and the thesis presented is worthy of being considered for the Ph. D Degree. All help received by her from various sources have been duly acknowledged. No part of this thesis has been submitted elsewhere for award of any other degree.

Date:

Place:

**Prof. Ramesh Ch. Deka**



**TEZPUR UNIVERSITY**

*(A Central University established by an Act of Parliament)*

**Napaam, Tezpur-784028**

**Sonitpur, Assam, INDIA**

**Ph.: 03712-267004, 03712-267005 Fax: 03712-267005, 03712-267006**

---

**CERTIFICATE OF THE EXTERNAL EXAMINER AND ODEC**

This is to certify that the thesis entitled “**Magnetostructural Study of Transition Metal Complexes and Clusters by Computational Methods**” submitted by **Mrs. Snigdha Dutta** to the Department of Chemical Sciences under the School of Sciences, Tezpur University in partial fulfillment for the award of the degree of Doctor of Philosophy in Chemical Sciences has been examined by as on . . . . .  
. and found to be satisfactory.

**Signature of:**

Supervisor

External Examiner

Date:

Date: