



**DEPARTMENT OF ENVIRONMENTAL SCIENCE
TEZPUR UNIVERSITY
NAPAAM, TEZPUR – 784028, ASSAM, INDIA**

Dr. Kali Prasad Sarma, Ph.D

Professor

Email: sarmakp@tezu.ernet.in

Dr. Manish Kumar, Ph.D

Assistant professor

Email: manish.env@gmail.com

Tel: +91-3712-275606 (O)

Fax: +91-3712-273141(O)

Tel: +91-3712-275612 (O)

Fax: +91-3712-273141(O)

CERTIFICATE OF THE SUPERVISORS

This is to certify that the thesis entitled “**Understanding arsenic phase distribution and co-contamination perspective with fluoride in the Brahmaputra flood plains, Assam, India**” submitted to the School of Sciences Tezpur University in part fulfillment for the award of the degree of Doctor of Philosophy in Environmental Science is a record of research work carried out by **Mr. Nilotpall Das** under my supervision and guidance.

All help received by him from various sources have been duly acknowledged.

No part of this thesis has been submitted elsewhere for award of any other degree.

Place: Tezpur

Date: 2/2/2016

Prof. K.P. Sarma

Dr. Manish Kumar