

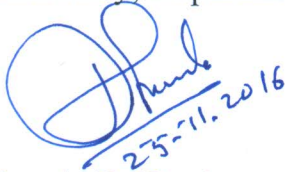
**A.P. DAS** MSc, DIT, PhD, FLS  
(London), FIAT FAScT, FEHT, FES, ISCON  
**Professor** (Retired)  
Member: SSC-IUCN  
Executive Editor: PLEIONE  
Former President: IAAT

Taxonomy & Environmental Biology Laboratory  
**North Bengal University**  
Darjeeling 734 430 WB India  
Phone: 091-353-2581847 (R), 2776337 (O)  
Mobile: 091-9434061591; FAX: 091-353-2699001  
e-mail: apdas.nbu@gmail.com

25.11.2016

### CERTIFICATE

I certify that **Sri Narpati Sharma** has prepared the thesis entitled "***Species Richness and Productivity Pattern along Altitudinal Gradients in East District of Sikkim, India***", for the award of the degree of Doctor of Philosophy of the University of North Bengal, under my guidance, he has carried out the work at the Taxonomy and Environmental Biology Laboratory, Department of Botany, University of North Bengal.



[Dr. A. P. Das]



**INDIAN  
INSTITUTE OF  
TECHNOLOGY**  
KHARAGPUR - 721 302, INDIA

भारतीय  
प्रौद्योगिकी  
संस्थान  
खड़गपुर

**Centre for Oceans, Rivers Atmosphere and Land Sciences (CORAL)**

**Dr MD Behera**  
*Associate Professor*

## **CERTIFICATE**

This is to certify that the thesis entitled **Species Richness and Productivity Pattern Along with Altitudinal Gradients in East District of Sikkim, India**, submitted by Narpati Sharma to Department of Botany, University of North Bengal, Raja Rammohunpur, West Bengal is a record of bona fide research work under our supervision and we consider it worthy of consideration for award of degree of Doctor of Philosophy of the University.

Date 21/11/2016

**Prof. MD Behera**

(Formerly, Scientist/ Engineer-SD  
RRSSC-ISRO, Kharagpur, W.B.)