

Unveiling Excellence

## UNIVERSITY OF SCIENCE & TECHNOLOGY, MEGHALAYA

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No. USTM/BIO/CRS/2014-15/Thesis

Date: 14/11/2014

Dr. C.R. Sarkar, M.Sc., Ph.D.  
Dean, School of Applied Sciences

To,  
The Registrar  
University of Science & Technology, Meghalaya  
Techno City, Ri Bhoi, Meghalaya – 793102

Sir,

I am herewith forwarding the thesis entitled “**Leaf biochemical constituents of *Ailanthus* species and its effect on rearing performance of Eri Silkworm, *Samia ricini* (Donovan) (Lepidoptera: Saturniidae)**”, submitted by **Mr. Siddique Ali Ahmed**, for the Degree of Doctor of Philosophy in Biological Sciences of University of Science & Technology, Meghalaya.

He worked under my supervision and guidance at the School of Biological Sciences of University of Science & Technology, Meghalaya and joint guidance of mine and Dr. M. Ahmed, USTM and Dr. N.I. Singh, Central Muga Eri Research & Training Institute, Lahdoigarh, Jorhat. He has been duly registered vide memo no. **PHD/12A/010** dated 30/01/2012. He has already fulfilled all the requirements under the Ph. D. regulations of USTM.

I also certify that the results incorporated in this thesis are original and to the best of my knowledge, he has not submitted his thesis work or any part thereof for any degree under any University.

(C.R. Sarkar)

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*Established under Act No. 6 of 2008 enacted by the State legislative Assembly  
Meghalaya & under section 22 and 2 (f) of the UGC Act-1956*

**To Make the Region Technology Vibrant**



केन्द्रीय मूगा एरी अनुसंधान एवं प्रशिक्षण संस्थान  
**Central Muga Eri Research & Training Institute**  
(An ISO 9001:2008 certified Institute)

केन्द्रीय रेशम बोर्ड **CENTRAL SILK BOARD**

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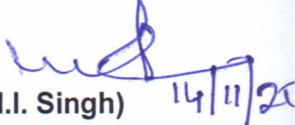
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Date : 14/11/2014.

## CERTIFICATE

This is to certify that **Mr. Siddique Ali Ahmed**, Scientist, Central Muga Eri Research & Training Institute, Central Silk Board, Lahdoigarh, Jorhat, Assam did the present work entitled "**Leaf biochemical constituents of *Ailanthus* species and its effect on rearing performance of Eri Silkworm, *Samia ricini* (Donovan) (Lepidoptera: Saturniidae)**", under joint guidance and supervision of mine, Dr. C.R. Sarkar, Dean, School of Applied Sciences, USTM and Dr. M. Ahmed, Former Professor, USTM. He has completed the work and made it ready for submission in the form of a Ph.D. thesis. His thesis is the result of his own investigation. He has already fulfilled all the requirements under Ph. D. rules of the University of Science & Technology, Meghalaya.

I also certify that results incorporated in this thesis are original and to the best of my knowledge, he has not submitted his thesis work or any part thereof for any degree under any other university. This thesis may be accepted for adjudication.

  
(N.I. Singh) 14/11/2014

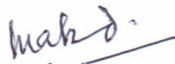
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Date: 14/11/2014.

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(M. Ahmed)