



ENLIGHTENMENT TO PERFECTION

# Department of Botany

## UNIVERSITY OF NORTH BENGAL

Accredited by NAAC with Grade 'A'

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### **TO WHOM IT MAY CONCERN**

*This is to certify that the thesis entitled, "Analysis of specific transcripts following induction of defense in tea against foliar fungal pathogens" submitted by Mr. Shibu Das for the award of the degree of Doctor of Philosophy in Botany is based on the results of experiments carried out by him. He has worked under my supervision at Department of Botany, University of North Bengal and Co-supervision of Dr. Dipanwita Saha, Department of Biotechnology, University of North Bengal. I am forwarding his thesis for the Ph. D. degree (Science) in Botany of the University of North Bengal. He has fulfilled all requirements according to the rules of the University of North Bengal regarding the works embodied in his thesis. This thesis or any part thereof has not been submitted for any other degree/Diploma either to this or other University.*

*Aniruddha Saha*  
 ..... 2.11.2017

*(Aniruddha Saha)*

*Supervisor*

**Prof. Aniruddha Saha**  
**Department of Botany**  
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# Department of Biotechnology

## UNIVERSITY OF NORTH BENGAL

Accredited by NAAC with Grade 'A'

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### TO WHOM IT MAY CONCERN

*This is to certify that Mr. Shibu Das has worked under my co-supervision at the Department of Biotechnology, University of North Bengal and the supervision of Dr. Aniruddha Saha, Department of Botany, University of North Bengal. His thesis entitled "Analysis of specific transcripts following induction of defense in tea against foliar fungal pathogens" is based on his original work and is being submitted for the award of Doctor of Philosophy (Science) degree in Botany in accordance with the rules and regulation of the University of North Bengal. This thesis or any part thereof has not been submitted for any other degree/ Diploma either to this or other University.*

*Dipanwita Saha* 2/11/17

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Co-Supervisor

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