

UNIVERSITY OF NORTH BENGAL  
FACULTY OF SCIENCE  
DEPARTMENT OF ZOOLOGY

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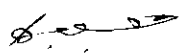
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C E R T I F I C A T E

**THIS IS TO CERTIFY THAT THE THESIS ENTITLED "BIO-  
ECOLOGY OF PULSE BEETLE, *CALLOSOBRUCHUS* SPP.  
COLEOPTERA: BRUCHIDAE) AND POTENTIALITY OF THEIR SAFE  
MANAGEMENT IN STORAGE AT TERAI AGRO-CLIMATIC  
CONDITIONS" IS THE RECORD OF BONAFIDE RESEARCH WORK  
CARRIED OUT AT THE ENTOMOLOGICAL RESEARCH LABORATORY,  
DEPARTMENT OF ENTOMOLOGY, UTTAR BANGA KRISHI  
VISWAVIDYALAYA AND DEPARTMENT OF ZOOLOGY, NORTH  
BENGAL UNIVERSITY BY TUSAR KANTI GHOSAL UNDER MY  
SUPERVISION. I FURTHER TESTIFY THAT ALL THE DATA PRESENTED  
IN THIS DISSERTATION ARE BASED ON OBSERVATIONS AND NO  
PORTION THEREOF HAS BEEN USED IN ANY OTHER THESIS FOR A  
DIPLOMA OR DEGREE. THE ASSISTANCE AND HELP RENDERED  
DURING THE COURSE OF INVESTIGATION AND THE SOURCE OF  
LITERATURE HAVE DULY BEEN ACKNOWLEDGED.**

  
(Dr. D. C. Deb)  
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