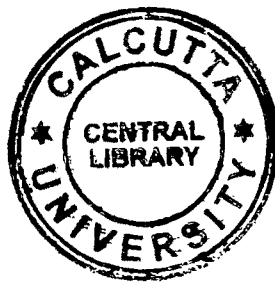


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**EVALUATION OF  
IMMUNOCLINICAL DETERMINANTS IN  
INDIAN POST KALA-AZAR DERMAL  
LEISHMANIASIS (PKDL)**

**THESIS SUBMITTED FOR  
THE DEGREE OF DOCTOR OF PHILOSOPHY  
(SCIENCE)  
IN BIOTECHNOLOGY**

**BY  
DEBANJAN MUKHOPADHYAY, M.Sc.**



**SCANNED**

**DEPARTMENT OF BIOTECHNOLOGY  
UNIVERSITY OF CALCUTTA  
2013**