



UNIVERSITY OF NORTH BENGAL

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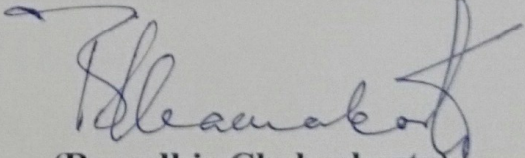
Associate Professor

CERTIFICATE

The research work presented in this thesis entitled “**Exploring physiology of an exopolysaccharide (EPS) producing facultatively oligotrophic bacterium *Klebsiella pneumoniae* PB12 with special emphasis on structure-function analysis of EPS**” has been carried out under my supervision and a bonafide research work of **Mr. Amit Kumar Mandal**. This work is original and has not been submitted for any degree or diploma to this or any other University or Institution.

Date:

05.10.2015


(Ranadhir Chakraborty)

Supervisor and Head

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