

**Exploring bioactivity, isolation of potential biomolecules  
and *in vitro* regeneration of *Herpetospermum  
darjeelingense* (C.B.Clarke) H.Schaef. & S.S.Renner-  
an endemic and endangered Cucurbit collected from  
Tea growing regions of Darjeeling hills**

**Thesis submitted to the University of North Bengal  
for the award of  
Doctor of Philosophy  
in  
Tea Science**

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