

## CERTIFICATE FROM THE SUPERVISORS

We certify that Sri Jyotirmay Paul has prepared his thesis entitled “DESIGN AND DEVELOPMENT OF ADAPTIVE OPTICS SYSTEM IN VISIBLE AND NEAR INFRA-RED BAND FOR IUCAA 2 M TELESCOPE”, for the award of PhD degree of the University of North Bengal, under our guidance. He has carried out the work at the High Energy & Cosmic Ray Research Centre, University of North Bengal and Inter-University Centre for Astronomy and Astrophysics, Pune, India.



(Prof. A. N. Ramaprakash)

Co-Supervisor

Date: ..~~29.08~~... 2019



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