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## CERTIFICATE FROM THE SUPERVISORS

We certify that Sri Prabir Banik has prepared the thesis entitled "PROB-ING THE SOURCES OF COSMIC RAYS WITH HIGH ENERGY GAMMA RAYS AND NEUTRINOS", for the award of Ph.D. degree of the University of North Bengal, under our guidance. He has carried out the work at the High Energy & Cosmic Ray Research Centre and Department of Physics, University of North Bengal.

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