



NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR  
MAHATMA GANDHI AVENUE, DURGAPUR-713209,  
WEST BENGAL, INDIA

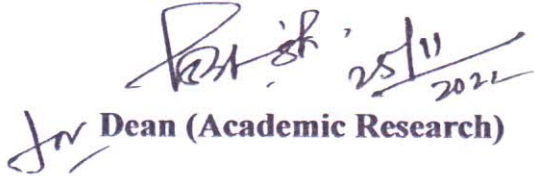
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Date: 25.11.2022

**PROVISIONAL CERTIFICATE**  
(FOR THE DEGREE OF DOCTOR OF PHILOSOPHY (Ph.D.))

**ANIRBAN CHATTOPADHYAY** (Regn. No. NITD/PhD/EC/2017/00894) has successfully defended the thesis titled "**STATISTICAL SIGNAL PROCESSING BASED RECONNAISSANCE TO EXPLORE THE KINEMATICS OF CORONAL MASS EJECTION & ITS IMPACT ON EARTH**" on 14.11.2022, fulfilling all the conditions stipulated by the Senate of this institute.

The degree will be conferred on the next Convocation of this Institute.

  
Jr Dean (Academic Research)