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## CERTIFICATE FROM THE SUPERVISOR

This is to certify that the thesis entitled “**Growth and Characterization of SnS Nanostructured Materials and Its Applications**” submitted by Chandan Rana, who got his name registered on 26-02-2015 for the award of Ph.D. (Science) degree of Vidyasagar University absolutely based upon his own work under the supervision of Prof. Satyajit Saha of Vidyasagar University, Midnapore, that neither his thesis nor any part of the thesis has been submitted for any degree/diploma or any other academic award anywhere before.

Date: 16/1/21

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