



বিদ্যাসাগর বিশ্ববিদ্যালয়

VIDYASAGAR UNIVERSITY

Midnapore, 721 102, West Bengal, India

Department of Physics & Technophysics

Dr. Satyajit Saha

Professor

Date:

Place:

CERTIFICATE

This is to certify that the thesis entitled as “**Effect of Mo substitution on structural, dielectric, electrical and magnetic properties of Cobalt-Zinc spinel ferrites**” submitted by Ashok Kr. Pradhan, who got his name registered on 13.04.2014 for the award of Ph.D. degree (Science) of Vidyasagar University, absolutely based on his own work under the supervision of me (Dr. Satyajit Saha, Vidyasagar University, Midnapore) and Dr. T. K. Nath, IIT Kharagpur, Kharagpur, that neither his full thesis nor any part of the thesis has been submitted to any academic Institution/University for any degree/diploma or any other academic award before.

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Professor

Date:

Place:

CERTIFICATE

It gives me much pleasure to certify that the Thesis, entitled “**Effect of Mo substitution on structural, dielectric, electrical and magnetic properties of Cobalt-Zinc spinel ferrites**” being submitted by **Ashok Kr. Pradhan**, submitted to Vidyasagar University, Midnapore for the award of Doctor of Philosophy (Science), is a record of bonafide research work performed by him. He has worked under the guidance and supervision of me (Dr. T. K. Nath, IIT Kharagpur, Kharagpur) and Dr. S. Saha, Vidyasagar University, Midnapore. He has fulfilled the requirement for the submission of the thesis, which to my knowledge has reached the requisite standard.

The result contained in the thesis has not been submitted in part or in full to any other University/Institute for the award of any degree or diploma.

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