



National Institute of Technology Durgapur

The Board of Governors of the Institute upon the recommendation of the Senate hereby confers the degree of

Doctor of Philosophy

in

Department of Computer Science & Engineering

on

Sumana Kundu

who has submitted a thesis entitled

"A Set of Super-Classifer Combination for Efficient Biometric Identification"

and successfully completed the requirement as prescribed under the regulations on 12.10.2018

राष्ट्रीय प्रौद्योगिकी संस्थान दुर्गापुर

अभिषद्की अनुशंसा से संस्थान का अभिशासक परिषद्

Sumana Kundu

को

कंप्यूटर सायन्स एंड इंजीनियरिंग विभाग

में

डॉक्टर ऑफ फिलोसोफी

की डिग्री प्रदान करता है।

इन्होंने 12.10.2018 को अपना शोध-प्रबंध

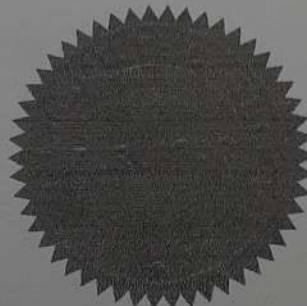
"A Set of Super-Classifer Combination for Efficient Biometric Identification"

को सफलतापूर्वक प्रस्तुत किया है एवं नियमों के तहत निर्धारित अध्ययनों के पाठ्यक्रम को पूरा कर लिया है।

Self attested

Sumana Kundu

14.11.18



[Signature]

Chairman / अध्यक्ष

Senate & Board of Governors

अभिषद् एवं अभिशासक परिषद्

09

UNIVERSITY OF NORTH BENGAL



ENLIGHTENMENT TO PERFECTION
Accredited by NAAC with 'A' Grade

This is to certify that

Jayanta Dutta

obtained the

*Degree of Doctor of Philosophy (Science) in
Computer Science & Application
from this University in the year 2016
according to the U.G.C. Regulations 2009.*

The Title of his/her Ph.D. thesis is

**"Computational aspects of some mathematical and
numerical problems"**

Raja Rammohunpur

Darjeeling 734013
June 02, 2017

Somnath Ghosh
Vice Chancellor

University of North Bengal



University of Gauhati

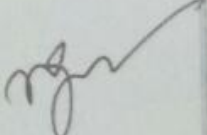
GU-P-A 051549



Doctor of Philosophy(Ph.D.), 2018
(Provisional Certificate)

*This is to certify that
Debasmiti Bhattacharjee
(Registration No 005089 of 2003-04)
qualified for the Degree of Doctor of Philosophy
(Ph.D.) of this University in the faculty of
Science (Mathematics) in the year 2018 for
his/her thesis - A Graph Theoretic Perspective on
Periodicity and Limit cycle Behaviour of some
Nonlinear Systems.*

Gopinath Bardoloi Nagar
Guwahati - 781014 (Assam)


Registrar

The Birla Institute of Technology & Science

Upon the Recommendation of the Senate hereby confers on

Debabrata Moitra

The Degree of

Doctor of Philosophy

having been found duly qualified. The thesis presented for the Degree was entitled "*Development of Novel Synthetic Methodologies for the Preparation of Multifunctional Ferrite-Reduced Graphene Oxide Nanocomposites and Study of Their Microwave Absorption and Catalytic Properties*".

Given this twenty-second day of March, two thousand nineteen under the Seal of the Birla Institute of Technology & Science at Pilani in the State of Rajasthan, India.


DIRECTOR


REGISTRAR




CHANCELLOR


VICE-CHANCELLOR

G3D000163



Jadavpur University

Certified that

Smt. Manjima Bhattacharya

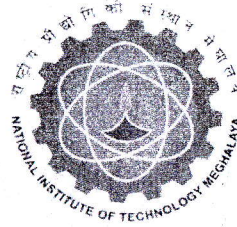
was admitted to the Degree of Doctor of Philosophy in Science of this University on 21.09.2016 and that the degree was conferred on him/her at the Convocation held in December 2016 with all the Rights and Privileges thereto appertaining.

In Witness whereof the Signature of the Vice-Chancellor of Jadavpur University is hereunto affixed.

JADAVPUR UNIVERSITY
The 24th December, 2016



Sulankar Das
Vice-Chancellor



NATIONAL INSTITUTE OF TECHNOLOGY MEGHALAYA

PROVISIONAL CERTIFICATE

This is to certify that Mr. Chiranjit Sain, son of Shri. Amal Kumar Sain has qualified for the degree of Doctor of Philosophy from the Department of Electrical Engineering of this Institute. His thesis viva-voce on title "Control Strategies and Performance Optimization of a Permanent Magnet Synchronous Motor Drive" was held on 27th of November, 2019.

Date: 04/12/19

Place: Shillong, Meghalaya, India

A handwritten signature in blue ink, reading "Anubeka Rai". The signature is fluid and cursive.

Assistant Registrar (Academic Affairs)

Note: Validity of this certificate will expire after the degree is awarded in the convocation.

H7D000103



Jadavpur University

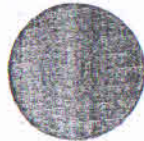
Certified that

Manas Saha

was admitted to the Degree of Doctor of Philosophy in Engineering of this University on 24.10.2017 and that the degree was conferred on him / her at the Convocation held in December 2017 with all the Rights and Privileges thereto appertaining.

In Witness whereof the Signature of the Vice-Chancellor of Jadavpur University is hereunto affixed.

JADAVPUR UNIVERSITY
The 24th December, 2017



Sumanjan Das
Vice-Chancellor

UNIVERSITY OF NORTH BENGAL



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P.O.North Bengal University
Raja Rammohunpur, Dt. Darjeeling
West Bengal, India, PIN – 734 013

REGISTRAR (Offg.)

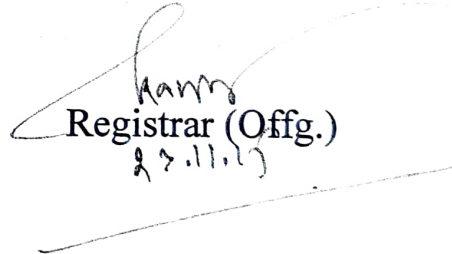
Enlightenment to Perfection

Ref. No. Ph.D/ 2073 /R-2015

Date: 23/11/2015

TO WHOM IT MAY CONCERN

This is to certify that **Sri Shuvendu Dey** has been admitted to the Ph.D. (Commerce) Degree in **Commerce (as per New Ordinances)** (framed as per UGC regulation, 2009) as per decision of the Executive Council, University of North Bengal held on **15/10/2015**. The title of his thesis is **“Store Loyalty Behavior of Urban Shoppers: A Comparative Study between Organized and Unorganized Retail”**. This provisional certificate is being issued as the Annual Convocation for the year 2016 is yet to take place.


Registrar (Offg.)
23.11.15

UNIVERSITY OF KALCATA



This is to certify that

Swapan Bhattacharyya

obtained the degree of Doctor of Philosophy
(Technology) in *Radio Physics and Electronics*
in this University in the year 2014.

Sudhyan Das
Vice-Chancellor.

Senate House,

The 28th November, 2014



University Of North Bengal



This is to certify that **Banani Adhikari**
has this day been admitted to the degree of Doctor of Philosophy
(Ph.D.) in **Physics** *in the Faculty of*
Science *in recognition of the thesis,*.....
..... **"STUDY OF PHYSICAL PROPERTIES OF SOME LIQUID**
..... **CRYSTALS - HAVING NEMATIC AND SMECTIC PHASES "**.....

Raja Rammohunpur
Dist. Darjeeling

The 15th March, 1997.

R. G. Muraji
Vice-Chancellor

Indian Institute of Technology Kharagpur

*Upon the recommendation of the Senate
hereby confers the degree of*

Doctor of Philosophy

on

Susanta Kumar Saha

*who has successfully completed the prescribed requirements in
the Department of Chemistry*

*Given under the seal of the Institute at Kharagpur in the
Republic of India on the Fifteenth day of June, One thousand
nine hundred and ninetysix.*

Shandee
Registrar

[Signature]
Director