

Enrolment No. 05/90/PP/09

जवाहरलाल नेहरू विश्वविद्यालय
नई दिल्ली

Jawaharlal Nehru University

New Delhi

Upon the recommendation of the Academic Council

hereby confers the Degree of

Doctor of Philosophy

On Thounasjam Umeshkanta Singh
who has successfully completed in the year 2011 the requirements prescribed
under the Ordinance for the award of this degree.

Title of Thesis : *"Multistability, Generalized
Synchronization and Robustness in
Modulated Dynamical Systems"*

Given this day under the seal of the University at New Delhi in the Republic of
India.

The 30 SEP 2011



[Signature]
Registrar

Self-attested
Th. Umeshkanta Singh
Nov 7, 2013

[Signature]
Vice-Chancellor



भौतिक विज्ञान संस्थान
SCHOOL OF PHYSICAL SCIENCES
जवाहरलाल नेहरु विश्वविद्यालय
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डॉ. सत्यब्रत पटनायक / Dr. Satyabrata Patnaik
प्रोफेसर एवं संकाय अध्यक्ष / Professor & Dean
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F.No: JNU/SPS/PH-2005

January 09, 2020

TO WHOM IT MAY CONCERN

This is to certify that Dr.Thounaojam Umeshkanta Singh, (Enrolment No. 05/90/PP/009) was Ph.D. Student of School of Physical Sciences during the years: 2005-2011. He was awarded Ph.D. degree on 30.09.2011 after fulfilling the following conditions as laid down under UGC Regulation, 2016.

- He has been awarded Ph.D. degree in regular mode only.
- His Ph.D. thesis was evaluated by two external examiners.
- An open Ph.D. viva voce was conducted of Dr. Thounaojam Umeshkanta Singh.
- He has published two research papers from his Ph.D. work, both which are in a refereed journal. and
- He has made two poster presentations in conferences/seminars, based on his Ph.D. work.

Self-Attested (Dated 10/1/2020)

Dr. Umeshkanta Singh

Place: New Delhi

Satyabrata Patnaik
(Satyabrata Patnaik)

