



भारतीय प्रौद्योगिकी संस्थान (भारतीय खनि विद्यापीठ), धनबाद
INDIAN INSTITUTE OF TECHNOLOGY (INDIAN SCHOOL OF MINES) DHANBAD

धनबाद -826004, झारखंड, भारत
DHANBAD-826004, JHARKHAND, INDIA

No. 1239/Exam/2199/PHD/ECE/NKS/20

Dated: January 28, 2021

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. Nimish Kumar Srivastava**, Admission. No. **2015/DR/0141** was a bonafide student of Ph.D. programme of Indian Institute of Technology (Indian School of Mines) Dhanbad and was registered for Ph.D. w.e.f. 16/07/2015.

Further, Mr. Nimish Kumar Srivastava had submitted thesis for doctoral degree for evaluation on 08/06/2020 and successfully passed the viva-voce examination on 04/09/2020. He was recommended for awarding the degree of Doctor of Philosophy of Indian Institute of Technology (Indian School of Mines) Dhanbad on the Ph.D thesis entitled "**PHOTONIC ARBITRARY CHIRP MICROWAVE WAVEFORM GENERATION AND ITS APPLICATION IN INTEGRATED PHOTONIC HIGHLY STEERABLE BEAMFORMING SYSTEM**" vide notification no. Exam/219905/Ex.Bd/2007-08 (Vol.III) dated 15/01/2021.

IIT (ISM) Dhanbad is an Institute of National Importance established through The Institutes of Technology Act, 1961 of Govt. of India. IIT(ISM) Dhanbad follows following regulations for its Ph.D. programme:

1. Admissions of Ph.D. programs are made through interviews/presentation and/or written test.
2. For admission to Ph.D. programme Institute follows reservation policy of Govt. of India (for full time Ph.D. scholars).
3. As a part of academic requirements, the Ph.D. student is required to successfully complete Course work as per recommendation of DSC, pass Comprehensive exam and submit Ph.D. progress report/seminar periodically.
4. Department constitutes a mentoring and monitoring committee (Doctoral Scrutiny Committee) for each Ph.D. student.
5. Before proceeding to finalize the thesis, each Ph.D. student is required to deliver a Pre-submission seminar open to faculty and students in which the research carried out by the student is presented. The valid comments/suggestions received in the open seminar are incorporated in the thesis, if required.
6. Ph.D. scholars are allowed to present pre-submission seminar only after publication of at least two papers out of which one paper must in SCI/SSCI/SCOPUS indexed peer reviewed Journal.
7. The Ph.D. students are encouraged to participate in National/International conference and present research papers.
8. The hard copies of thesis are sent to three examiners (one abroad & two within India outside of IIT(ISM) Dhanbad) for evaluation.
9. An open Viva-Voce Board is constituted after receiving the reports from the examiners for examination of the student and for resolving queries, if any.
10. Hard copy of the final Ph.D. thesis is submitted to the Institute Library alongwith Digital copy of the thesis.

The above certificate is issued to Mr. Nimish Kumar Srivastava in response to his request for compliance of UGC 2009 Regulation for Ph.D. Degree.

Dean (Academic)

Dean (Academic)

Indian Institute of Technology
(Mines), Dhanbad
Dhanbad-826004, India

1926 से राष्ट्र की सेवा में

In service of the Nation since 1926

Phone: (0326) 2296-559 to 562 (4 Lines); Fax: (0326) 2296563
Email: phdexam@iitism.ac.in Website: www.iitism.ac.in