

काशी हिन्दू  
विश्वविद्यालय



BANARAS HINDU  
UNIVERSITY



AN INSTITUTION OF NATIONAL IMPORTANCE ESTABLISHED BY AN ACT OF PARLIAMENT

श्री भूपेन्द्र सिंह इति—नामा

२०१९ तमे ईसवीयवर्षे फिजिक्स

इति विषये फिजिक्सविभागे विश्वविद्यालयस्यास्य

डाक्टर ऑफ फिलासाफी इत्युपाधिं प्राप्नोदिति प्रमाणयति ।

प्रमाणित किया जाता है कि श्री भूपेन्द्र सिंह

को सन् २०१९ की फिजिक्स

विषय में फिजिक्स विभाग से

इस विश्वविद्यालय की डाक्टर ऑफ फिलासाफी उपाधि प्रदान की गई ।

*This is to certify that Shri Bhupendra Singh*

*has been admitted to the degree of Doctor of Philosophy in the subject*

*Physics from the Department*

*of Physics of this University of the 2019.*

*Title of the Thesis -*

*Studies of Characteristic and Bremsstrahlung Radiations  
Emitted from Some Thick Targets by Impact of keV Electrons*

स्थान : वाराणसी  
Place : Varanasi

दिनांक Dated DEC 20, 2019

*[Signature]*  
कुलपति:  
Vice-Chancellor

*[Signature]*



**TO WHOM IT MAY CONCERN**

This is to certify that **Dr. Bhupendra Singh** has been awarded the degree of Doctor of Philosophy of Banaras Hindu University in the year **2019**.

The above mentioned degree of Doctor of Philosophy of Banaras Hindu University complies with following provisions of UGC (Minimum Standards and Procedure for Awards of M.Phil./Ph.D. Degree) Regulations, 2009. The provisions are as under:

Sr. No.	Particular	Remark
1.	Admission by entrance test or interview or both	Yes
2.	Maximum number, M.Phils : 5, Ph.D. 8 per Supervisor.	Yes
3.	National Reservation Policy.	Yes
4.	Course Work/Research Methodology Theory.	Yes
5.	Research Advisory Committee - Review of the Progress.	Yes
6.	Part - I Methodology exam.	Yes
7.	Pre-Ph.D. presentation before synopsis submission.	Yes
8.	Publication of at least one paper before thesis submission	Yes
9.	Presentation of two papers in conferences or seminar	Yes
10.	Evaluation of thesis by two experts other than supervisor, one out of the state.	Yes
11.	Soft copy of the thesis in the University.	Yes

23/11/2019  
संकाय प्रमुख / Dean  
DEAN  
विज्ञान संकाय / Faculty of Science  
विज्ञान संस्थान / Institute of Science  
काशी हिन्दू विश्वविद्यालय / Banaras Hindu University  
वाराणसी / Varanasi

*Bhupendra Singh*

