जवाह्एलाल नेह्स विश्वविद्यालय नई दिल्ली

Jawaharlal Nehru University

Upon the recommendation of the Academic Council
. hereby confers the Degree of

Doctor of Philosophy

Naveen Kumar Jain

On_

who has successfully completed in the year 1998 the requirements prescribed under the Ordinance for the award of this degree.

Title of Thesis:

"Hierarchical Censored Production Rules (HCPRs)

System: A Generalized Knowledge Representation Scheme?

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

The 27 DEC 1999



Olleg Registrar

Dice-Chancellor





कुरुक्षेत्र-विश्वविद्यालयः, कुरुक्षेत्र

(1956 तम-वर्षगत-राज्यविधायिका-अधिनियम-XII-द्वारा स्थापितः) (ए॰ श्रेणी, नाक - प्रत्यायितः)

डॉक्टर ऑफ़ फ़िलॉसॉफ़ी

इदमत्र प्रमाणीक्रियते यत् मनीप कुमार श्री रूल्दा राम महोदयस्य पुत्रः / पुत्री २०२१ तमे संवत्सरे विज्ञान संकाय तोऽस्य विश्वविद्यालयस्य *इलेक्ट्रॉनिक साईस* विषये डॉक्टर ऑफ़ फ़िलॉसॉफ़ी इत्युपाधिना समलङ्कृत / समलङ्कृता–इति।

अस्य/अस्याः शोध-प्रबंधस्य विषयः "दृश्य पहचान प्रणालियों के लिए कुशल आयाम घटाने के तरीकों की रूप - रेखा और विकास" इत्यासीत्।

Kurukshetra University, Kurukshetra

(Established by the State Legislature Act XII of 1956)

(A' Grade, NAAC Accredited)

Doctor of Philosophy

This is to certify that Manish Kumar son/daughter of Shri Rulda Ram,

and of the Faculty of Sciences

has been awarded the Degree of Doctor of Philosophy (Electronic Science) of this University

The topic of his/her Thesis was "Design and Development of Efficient Dimension Reduction

Methods for Visual Recognition Systems"

कुरुक्षेत्रे , तिथी : अगरत २३, २०२९ Kurukshetra, Dated: **August 23, 2021**

परीक्षा-नियंत्रकः Controller of Examinations दुप्रकारी कुलसचिवः Registrar

धीबरीनेस्परि कुलपतिः Vice-Chancellor

2001 प्रस्तिक मुलाधिपति





DOL TOR OF PIRLOSULE,

This is to write that Survey ufter approval of his/her thesis on " Polarization Superalent Smalpes and Characterization of Albani Can HINT."

in February, 2009, has been admitted to the degree of Doctor of Philosophy in this University at the Convocation held in 2009.

Share.

THE RESERVE THE PARTY NAMED IN

25 march



Members of the Management Council confer the Degree of the Chancellor, Vice-Chancellor

Doctor of Philosophy (Science)

SHARMA NEELAM

of the University Department of Physics

for a Thesis in Physics presented in June 2014

which has been accepted by the Examiners

at the Convocation

held on 14th January, 2016.

आस्ते,

कुलपती, कुलगुरू आणि

व्यवस्थापन परिषदेचे सदस्य विद्यावायस्पती (विज्ञान)

शर्मा नीलम ही पदवी

विद्यापीठाचा भौतिकशास्त्र विभाग

भौतिकशास्त्र या विश्वयात

सादर केलेला प्रबंध परीक्षकांनी रूर्गकृत केल्याबद्दल जून २०१४ मध्ये

>5 ८ ०० विश्वान्त समारगात प्रदान करीत आहेत. १४ जानेवारी, २०१६ च्या

संजय वसंत देशमुख Vice-Chancellor/कुलगुरू

Enil No. 2



विद्या-वाचरपति

पमाध्यित किया जाता है कि जरवरी, 1991 में "ग्रेथ एंड क्रेक्ट्राइजेंशन ऑफ केडमियन सल्फाईड एंड जिंक सेलिनाईड थिन फिल्मस"

पर शोध-प्रबंध स्वीकृत हो जाने के उपरांत प्रेम कुमार चिर्चािटिया को 1991 के दीक्षांत-समारोह में इस विश्वविद्यालय की विद्या-याचस्पित की उपाधि प्रदान की गई।

University of Delhi

DOCTOR OF PHILOSOPHY

This is to tertily that Them Ruman Shishodia after approval of his/her thesis on "Growth and Sharacterization of Cadmium Sulphide and Tine Selenide Thin Films." in February, 1991, has been admitted to the degree of Doctor of Philosophy in this University at the Convocation held in 1991.

कुल-सचिव, दिल्ली विश्वविद्यालय

Registrar, University of Delhi. हिस्सी, दिनोक 12 वर्स, 1991 Delhi, dated the 12th May, 1991 कुसपति, दिस्सी दिखविद्यासय Vice-Chancellor, University of Delhi.

Conshodie

Encholo 74

No. SU/PHD2023/00018

Enrollment No. 1802103002





(Established under Section 2(f) of UGC Act, 1956)

on recommendation of the Academic Council,

Confers upon Ritu Bansal

the degree of

Doctor of Philosophy (Physics)

In compliance with UGC (Minimum Standards and Procedures for Award of M. Phil / Ph. D Degrees) Regulations 2016

On the thesis titled:

"Study of Attenuation in Thin Film Microstripline" having completed in December, 2022 in witness where of

the seal of the University is hereunto affixed.

Given on this 22nd July, 2023.

Registrar



Vice - Chancellor कुलपति

Mathura (U.P.), India Date : 22 July 2023

Chancellor कुलाधिपति