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Director

Tula's Institute, Dehradun

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Director  
Tula's Institute, Dehradun

Serial No. 121609

Enrolment No. 078607



## भारतीय प्रौद्योगिकी संस्थान रुड़की

अधिष्ठाता की अनुशंसा पर

डॉक्टर ऑफ़ फ़िलोसोफी

की उपाधि

### संदीप विजय

जो, जिन्होंने इस उपाधि की अवांछित हेतु विनियम विहित अपेक्षाओं को मन् 2012 में सफलतापूर्वक पूरा कर लिया है, एतद्वारा प्रदान करता है।

शोध प्रबन्ध सीरीज़: डेवलपमेंट एण्ड ऐनालिसीस ऑफ़ इनजी इफिसिएन्ट इन्फ्रास्ट्रक्चर-लेस वायरलैस नेटवर्क्स

भारतीय गणराज्य के अन्तर्गत रुड़की में आज, दिनांक 04 अगस्त 2012, संस्थान की मुद्रा अंकित यह उपाधि दी गई।

INDIAN INSTITUTE OF TECHNOLOGY ROORKEE

On the recommendation of the Senate hereby confers the degree of

Doctor of Philosophy

upon

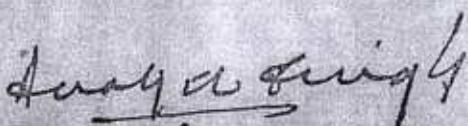
SANDIP VIJAY

who has successfully completed in the year 2012 the requirements prescribed under the regulations for the award of this degree

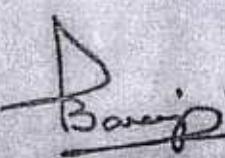
Thesis Title: DEVELOPMENT AND ANALYSIS OF ENERGY EFFICIENT INFRASTRUCTURE-LESS WIRELESS NETWORKS

Given this day, the 04<sup>th</sup> of August 2012, under the seal of the Institute at Roorkee in the Republic of India.

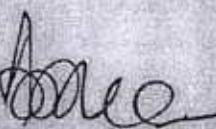
Tula's Institute, Dehradun  

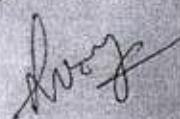
अध्यक्ष, अभियांत्रिक परिषद्  
Chairman, Board of Governors



निदेशक एवं अध्यक्ष, अधिष्ठाता  
Director & Chairman, Senate



कुलसचिव  
Registrar



000531

UNIVERSITY OF ALLAHABAD

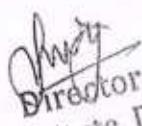


Doctor of Philosophy in Science

En- 2000AU/66

This is to certify that Suman Kumar Chaudhary  
 has been admitted to the degree of Doctor of Philosophy  
 in Science in this University at the Convocation

of 2008

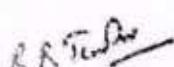
  
 Director  
 Tula's Institute, Dehradun

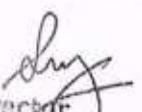
University of Allahabad:

The 29th October, 1920. 09

24th January, 2020

  
 Director  
 Tula's Institute, Dehradun

  
 Vice-Chancellor

  
 Director  
 Tula's Institute, Dehradun

Tula's Institute, Dehradun



# MONAD UNIVERSITY

N.H. 24, P.O. Pilkhawa - 245304, Dist. Hapur (U.P.)

## Previsional Degree Certificate

### *Doctor of Philosophy*

Sr. No. 257256

Enrolment No. 1246251155

Certified that the thesis entitled PATTERN RECOGNITION  
And CLASSIFICATION OF ECG SIGNAL

submitted by Nishant Saxena / S.D. / S. R. N. Saxena for the  
degree of Doctor of Philosophy in the subject of Pattern Recognition,  
has been conferred

at the meeting of Academic Council held on 8. 10. 2018.

Registrar

14. 11. 2018

Director  
Tula's Institute  
Dhoekot, Dehradun

Director  
Tula's Institute, Dehradun

दस्तावेज़ 1780

प्रधानमंत्री कार्यालय दर्ता संख्या 1701-66-955

# महर्षि दयानन्द विश्वविद्यालय

डॉक्टर और फिलोसोफी

जीव विज्ञान स्काय

प्राप्तिक्रिया विज्ञान में निम्न

भावना कालरा

प्राप्ति/सुपुत्री श्री

जीव विज्ञान

अनुबांशिकी

विषय में

विटर और फिलोसोफी की उपाधि प्रदान हो जाती है।

प्राप्ति विषय तथा विषय "अनुबांशिक विभिन्नता, शारीरिक अनुपात द्वारा इकौफिसियोलॉजिकल तत्त्वों की अनसंख्या कुछ सौफिला की"

दिनांक 7. 10. 2010

## Maharishi Dayanand University

Doctor of Philosophy

Faculty of Life Sciences

This is to certify that Bhowna Kalra  
daughter of Shri Gian Chand

has been awarded the degree of Doctor of Philosophy in the subject of Genetics.

in Thesis "Genetic Divergence of Body Size  
and Ecophysiological Traits in Populations  
of Some Drosophilids."

7. 10. 2010

(विश्वविद्यालय के मुद्राका प्राप्ति प्रमाणित)

Given under the seal of the University

Seal

कुलपति

Mr. Chaudhary

Jagannath Patelaji

Director

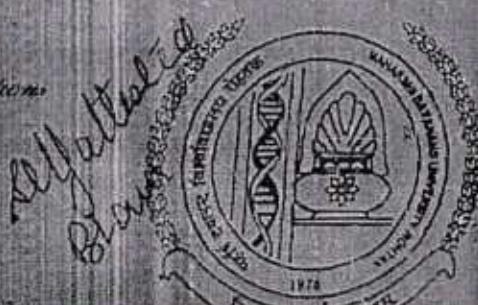
Tula's Institute, Dehradun

Signature

Signature

Director

Tula's Institute, Dehradun



परीक्षा नियमित

Examination Committee

S.P.V.U.

कुलपति

Signature

गोपनीय, तिथि मार्च 14, 2012



प्रमाणित किया जाता है कि तरुण कुमार  
आलज / आलजा श्री मंगल सैन एवं श्रीमती ममता देवी  
को इस विश्वविद्यालय के सन् २०१२ के दीक्षान्त समारोह में  
दिख पर विद्या वाचस्पति की उपाधि प्रदत्त की गयी है।

### DOCTOR OF PHILOSOPHY

This is to certify that TARUN KUMAR  
 Son / Daughter of Shri MANGAL SAIN and Smt. MAMTA DEVI  
 has been conferred the Degree of DOCTOR OF PHILOSOPHY  
 of this University in CHEMISTRY at the Convocation  
 of 2012.

शीर्षक / Title : Kinetic - spectrophotometric determination of  
 caloidines in aqueous/mixed media based on their  
 oxidation by periodate ion



Self Attested

Enrolment No.  
2016/3494



# बनस्थली विद्यापीठ

विद्यापीठ द्वारा निर्धारित  
सभी अहंताएं पूरी करने पर  
राघव गर्ग को



डॉक्टर ऑफ़ फ़िलोसोफ़ि  
कम्प्यूटर साइंस

की उपाधि में आज के दिन दीक्षित किया गया।  
प्रमाण स्वरूप विद्यापीठ की सुदूर एवं कुलपति के  
हस्ताक्षर अक्रित किये जाते हैं।

## BANASTHALI VIDYAPITH

On having fulfilled the requirements  
laid down by the Vidyapith

*Raghav Garg* has been

admitted this day to the degree of

**DOCTOR OF PHILOSOPHY  
COMPUTER SCIENCE**

In token whereof are inscribed the seal of the Vidyapith  
and the signature of the Vice-Chancellor.



Date: 5 October, 2018

लुलपति  
Vice-Chancellor

Dinesh Kumar Deoradum

Director

प्राप्ति / Enrollment No.  
KU0075046

संख्या / Roll No.

# कुमाऊँ विश्वविद्यालय



डॉक्टर ऑफ फिलासफी

प्रमोगित किया जाता है कि

को उनके गोप्य प्रयत्न के लिए "डॉक्टर ऑफ फिलासफी  
राष्ट्रीयोगिक गोप्य ज्ञान व विद्या"

पर दिन 11-10-2014 के नियम तिथि 11-10-2014 के

अनुसार नेत्र आग्रवाल नाम से डॉक्टर ऑफ फिलासफी के अधिकारी बनने की गई।

## Kumau University

Doctor of Philosophy

This is to certify that

Neta Agarwal

is hereby awarded the degree of Doctor of Philosophy in Management on his/her  
thesis entitled "Impact of tourism on the economic  
growth of Uttarakhand"

as per Executive Committee's resolution dated 11-10-2014



Vice Chancellor

Dated 09 NOV 2015  
Enrolment Number:

Director  
Tula's Institute, Dehradun



# महर्षि सूचना प्रौद्योगिकी विश्वविद्यालय

(University Established by State Legislature Act. of U.P. 31 of 2001)

महर्षि नगर, आई.आई.एम. बाई पास, सीतापुर रोड, लखनऊ 226020 (उप्र.)  
की कार्यकारी परिषद, विद्वत परिषद की संस्तुति पर



Serial No./ क्रमांक:- 1901793

Enrollment No./ अनुक्रमांक सं.: D-14-207/R-Ph.D

अरुण कुमार अग्रवाल जिन्होने डॉक्टर ऑफ फिलॉस्फी की उपाधि हेतु निर्धारित पाठ्यक्रम सितम्बर, 2017 में पूरा किया, को उक्त उपाधि आज दिनांक 2 नवम्बर, 2019 को विश्वविद्यालय अनुदान आयोग के अधिनियम 2009 के अनुरूप प्रदान की गयी।

## मुख्य विषय - सिविल इंजीनियरिंग

शीर्षक- STUDY ON ELEMENTS OF COST OVER RUNS, DELAYS & RISK INVOLVED CONSTRUCTION MANAGEMENT

On the recommendations of the Academic Council, the Executive Council of

# MAHARISHI UNIVERSITY OF INFORMATION TECHNOLOGY

(University Established by State Legislature Act. of U.P. 31 of 2001)

Maharishi Nagar, IIM By Pass, Sitapur Road, Lucknow-226020, U.P.

ARUN KUMAR AGRWAL having completed the prescribed requirements for the DOCTOR OF PHILOSOPHY in September, 2017, as per UGC regulation 2009, has been admitted to the said degree on this date 2nd November, 2019.

Major Subject - CIVIL ENGINEERING

Title - STUDY ON ELEMENTS OF COST OVER RUNS, DELAYS & RISK INVOLVED CONSTRUCTION MANAGEMENT

कुलसचिव  
Registrar



Director  
Tula's Institute, Dehradun

कुलपति  
Vice Chancellor



# MONAD UNIVERSITY

N.H. 24, P.O. Pilkuwa - 245304, Dist. Hapur (U.P.)

## Provisional Degree Certificate *Doctor of Philosophy*

Sr. No. 257366

Enrolment No. 1246371123

Certified that the thesis entitled STUDY OF PRESENT SITUATION OF ECO-TOURISM IN UTTARAKHAND AND FORMULATION OF STRATEGIES TO ENHANCE ECO-TOURISM – WITH SPECIAL REFERENCE TO KHIRSU AND HARSIL REGION OF GARHWAL REGION OF UTTARAKHAND  
submitted by RANIT KISHORE S/D/o GIRI RAJ KISHORE for the

degree of Doctor of Philosophy in the subject of MANAGEMENT has been conferred

during the meeting of Academic Council held on 13.06.2019.

Date 17.09.2020

*Deshbir Singh*  
15/3/20

*B. P. Singh*

Registrar

*O.P.*  
Director  
Tula's Institute, Dehradun



**PTU**  
I.K. Gujral Punjab Technical University

આઈ કે ગુજરાલ પંજાબ ટૈકનોલોજી યુનિવર્સિટી, જલ્દી  
I.K. Gujral Punjab Technical University, JALANDHAI

Ref. No. IKG PTU/DIE/SA/07

Date... 04/11/2019

Regd. No.: PTU/PHD2016/260

Sr. No. 5927813

Roll No. :- PTU8524897503

Regd. No.: PTU/PHD2016/260

## **SESSION - OCTOBER 2019**

*To All Concern to Whom These Presents May Come*

**SACHIN KUMAR**

*Who has fulfilled all the requirements therefore, the degree of*

**DOCTOR OF PHILOSOPHY**

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

*With the all the rights, honors and privileges as well as the obligations and  
Responsibilities thereunto appertaining.*

*In testimony whereof, the seal of the University and the signature*

*Of the University (Vice-Chancellor) is here unto affixed.*

*This 10th day of November in the year of our Lord, Two Thousand and  
Nineteen.*

Director  
Tula's Institute, Dehradun

**VICE-CHANCELLOR**

"Propelling Punjab to a Prosperous Knowledge Society"

I.K. Gujral Punjab Technical University Jalandhar

Jalandhar - Kapurthala Highway, Kapurthala - 144 603 Tele. 0 1822-662561  
Website : [www.ptu.ac.in](http://www.ptu.ac.in)





# JAMIA MILLIA ISLAMIA

(A Central University by an Act of Parliament)

JAMIA NAGAR, NEW DELHI-110025

## DOCTOR OF PHILOSOPHY [Ph.D.]

### PROVISIONAL CERTIFICATE

Name: BALENDRA PRATAP SINGH Date: 09.08.2019

Notification No: 469/2019

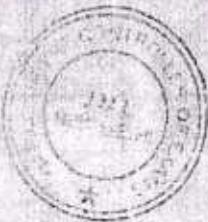
Topic: Analytical Description of Black Holes Shadow

Department/Centre: CENTRE FOR THEORETICAL PHYSICS

Faculty: ---

The above candidate is declared eligible for the award of the Degree of Doctor of Philosophy.

Prepared by:



Verified by:  
(Section Officer)

Dr. A.A.A. Faizi

Controller of Examinations

Dated: 20 SEP 2015  
Director  
Tula's Institute, Dehradun

9/10/2020

# GLOCALUNIVERSITY, SAHARANPUR



**GLOCAL  
UNIVERSITY**  
SHAPING GLOBAL MINDS

(A University Established by UP Act 2 of 2012)

Having been examined and declared successful in the course prescribed under the Regulations and upon the recommendation of the Academic Council of the Glocal University,



**SANDEEP KUMAR**

is hereby conferred the degree of  
**Doctor of Philosophy (Ph.D.) in**  
**Computer Science and Engineering**



*Energy efficient table driven and source initiated on-demand protocol for wireless sensor network*  
in the Glocal School of Technology of this University in the year 2021

  
**Director**  
**Tula's Institute, Dehradun**

Date of Issue : 17th January 2022

  
**Vice-Chancellor**

उपाधि क्रमांक / Degree Serial No.  
201800405001

नामांकन संख्या / Enrolment No.  
PHD11EC021

अनुश्रमांक / Roll No.  
2011006021



# GraphicEra

Deemed to be University  
Accredited by NAAC with Grade A

## डॉक्टर ऑफ़ फिलोसोफी

की उपाधि

### सुनील सेमवाल

(यांत्रिकरण एवं नियंत्रण अभियांत्रिकी)

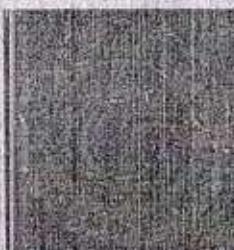
को, जिन्होंने इस विश्वविद्यालय द्वारा नियमानुसार अनुमोदित अपेक्षाओं को सन् 2018 में  
सफलतापूर्वक पूर्ण कर लिया है, जिसके फलस्वरूप एतदद्वारा प्रदान करती है।  
यह उपाधि शोध प्रबन्ध शीर्षक: "भारत में आवासीय उपकरणों की गैर उल्लंघनकारी  
पहचान के लिए स्मार्ट मीटर कार्यान्वयन", भारतीय गणराज्य के अन्तर्गत देहरादून में  
आज दिनांक 15 दिसम्बर 2018 को विश्वविद्यालय के दीक्षान्त समारोह में प्रदान की गयी  
है।

Confers the degree of  
**Doctor of Philosophy**  
**(Instrumentation and Control Engineering)**  
on

**Sunil Semwal**

who has successfully completed the requirements prescribed under  
the regulations for the award of this degree of  
this university in the year 2018

on the thesis entitled: "Smart meter implementation for non intrusive  
identification of residential appliances in India", has been awarded in  
the convocation of this University on 15th day of December 2018 at  
Dehradun in the Republic of India



ग्राफिक एरा डीम्ड विश्वविद्यालय  
देहरादून, उत्तराखण्ड, भारत-248002  
Graphic Era Deemed to be University  
Dehradun (Uttarakhand) INDIA - 248002

Date / Date: December 15, 2018

*Self Attested*  
Signature

Renu  
कुलसचिव  
Registrar

31 Dec 2018  
Signature

Vice Chancellor  
Signature

Director  
Tula's Institute, Dehradun  
Signature

उपाधि क्रमांक / Degree Serial नागरिक संख्या / Enrolment No.

163193

140091002004



# उत्तराखण्ड तकनीकी विश्वविद्यालय

विद्या वाचस्पति  
प्रमाणित किया जाता है कि

त्रिपुरेश जोशी

को विश्वविद्यालय द्वारा वर्ष २०२१ में  
इलेक्ट्रॉनिक्स एंड कम्यूनिकेशन इंजीनियरिंग  
विषय पर  
विद्या वाचस्पति  
की उपाधि प्रदत्त की गई।

**DOCTOR OF PHILOSOPHY**

*this is to certify that*

**TRIPURESH JOSHI**

*has been conferred the Degree of*

**DOCTOR OF PHILOSOPHY**

*of the University in*

**ELECTRONICS & COMMUNICATION ENGINEERING**

*in the year 2021*

शीर्षक / Title : Performance Improvement of TFETs for Switching and Analog/RF Applications

उत्तराखण्ड तकनीकी विश्वविद्यालय

देहरादून (उत्तराखण्ड), भारत

Uttarakhand Technical University  
Dehradun (Uttarakhand), INDIA

दिनांक/Dated : DATE OF ISSUE

13 MAY 2022

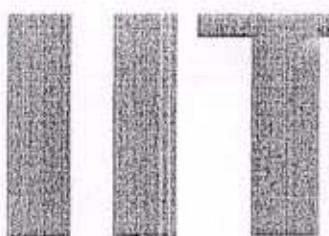
Director  
Tula's Institute, Dehradun

कुलपति  
Vice Chancellor

**भारतीय  
प्रौद्योगिकी  
संस्थान**

काशी हिन्दू विश्वविद्यालय

S.No. : P19-102



**INDIAN  
INSTITUTE OF  
TECHNOLOGY**  
BANARAS HINDU UNIVERSITY

Roll No.: 13141005

भारतीय प्रौद्योगिकी संस्थानम् (काशी हिन्दू विश्वविद्यालय) वाराणसी द्वारा

२०७६ विक्रमसंवत्सरे

श्री सुबाष चन्द्र राम

विद्यावारिधि

इत्युपाधिना अलङ्कियते।



भारतीय प्रौद्योगिकी संस्थान (काशी हिन्दू विश्वविद्यालय) वाराणसी द्वारा

२०१९ ईसवी (विक्रम संवत्सर २०७६) में

श्री सुबाष चन्द्र राम को

विद्यावारिधि

की उपाधि से अलङ्कृत किया जाता है।



The Indian Institute of Technology (Banaras Hindu University) Varanasi  
hereby confers the Degree of  
Doctor of Philosophy  
in 2019  
on Shri Subash Chandra Ram.



Title of the Thesis -

Microstructure and Mechanical Behavior of Centrifugally Cast Functionally Graded Al-(Mg<sub>2</sub>Si)<sub>p</sub> In-Situ Metal Matrix Composites.



भारतीयगणराज्यान्तर्गत—वाराणस्याम् २०७७ विक्रमसंवत्सरे माघमासस्य  
कृष्णपक्षस्य द्वादशी तिथौ संस्थानस्य मुद्राङ्कित: उपाधि: प्रदत्तः।

भारतीय गणराज्य के अन्तर्गत वाराणसी में आठ फरवरी दो हजार इक्कीस को  
संस्थान की मुद्राकृत उपाधि प्रदान की गई।

Given under the seal of the Institute at Varanasi in the Republic of  
India on the Eighth day of February, Two Thousand Twenty One.

कुलसचिव  
Registrar

अध्यक्ष, सीनेट  
Chairman, Senate

अध्यक्ष, संचालक मण्डल  
Chairman, Board of Governors

Director  
Tula's Institute, Dehradun

नामांकन सं.

Enrolment No. 0709/Ph.D./2100



क्रमांक

Sl. No.

620

## दन अनुसंधान संस्थान

(सम विश्वविद्यालय)

देहरादून

श्री/सुश्री ..... प्रेरणा बड़ोनी

को प्रबन्ध परिषद की संस्तुति पर वानिकी में डॉक्टर ऑफ फिलासफी की उपाधि ..... कॉरेस्ट  
 पैथोलॉजी में उनके शोध प्रबन्ध, "एंटीमाइक्रोबियल  
 एंटीमाइक्रोबियल ऑफ सैपिंडस सुकोरोसी" .....  
 पर दिनांक 10-09-2012 को प्रदान की जाती है।

## Forest Research Institute

(Deemed to be University)

Dehradun

On the recommendation of Board of Management Mr./Ms.

Prerana Badoni ..... is awarded the degree  
 of Doctor of Philosophy in Forestry Forest Pathology

on 10-09-2012 on his/her thesis entitled

"Antimicrobial activity of Sapindus mukorossi

देहरादून

Dehradun

Date 29-2013

४८५५१२१

निदेशक  
Director

Director

Tula's Institute, Dehradun

Dr Yashwant Singh Parmar University of  
Horticulture and Forestry

on the recommendation of the Academic Council and the Board of Management hereby confers upon *Km. Shivangi Negi* son/daughter of Shri Bharat Singh Negi the degree of



Doctor of Philosophy  
*Seed Science & Technology*



having successfully completed on 25.05.2019, all the requirements for the same with an Overall Grade Point Average of 8.14/10.00.

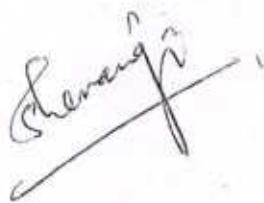
ian  
(machal Pradesh) INDIA  
ted : 05.03.2020



Registrar



Vice Chancellor



Director  
Tula's Institute, Dehradun

शूलिनी बायोटेक्नोलॉजी एवं मैनेजमेंट सार्डिनिज विश्वविद्यालय

सोलन, हिमाचल प्रदेश  
(Established by H.P. Govt. Vide Act No. 20 of 2009)

डॉक्टर ऑफ फिलोसफी

प्रमाणित किया जाता है कि रुपिंदर कौर

पुत्र/पुत्री श्रीमान जोगिंदर सिंह नारंग एवं श्रीमती सुरजीत कौर नारंग,

ने इस विश्वविद्यालय से फैकल्टी ऑफ बेसिक सार्डिनिज से २०

अप्रैल, २०१६ को डॉक्टर ऑफ फिलोसफी

की उपाधि प्राप्त की है।

नीमिस का विषय : कार्बन लेक्स्यूरीट, प्रोडक्टिविटी एंड न्यूट्रिएंट डिस्ट्रीब्यूशन इन  
एग्रोफोरेस्ट्री एंड फॉरेस्ट्री (मोनोकल्चर एंड पॉलीकल्चर) लैण्ड  
यूज सिस्टम्स ऑफ सब-टेम्परेट मिड-हिल्स ऑफ हिमाचल  
प्रदेश।

A.I.Q.  
कालगानिका

  
Director  
Tula's Institute, Dehradun



Shoolini University of Biotechnology and Management Sciences

Solan, Himachal Pradesh  
(Established by H.P. Govt. Vide Act No. 20 of 2009)

Doctor of Philosophy

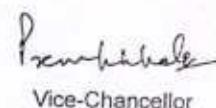
Certified that Rupinder Kaur

son / daughter of Shri Joginder Singh Narang and Smt. Surjeet Kaur  
Narang,

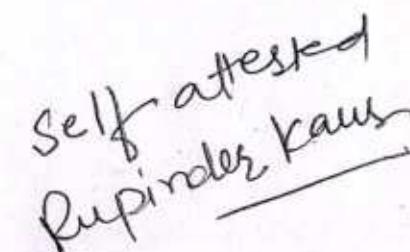
of the Faculty of Basic Sciences

has obtained the degree of Doctor of Philosophy  
from this University on April 20, 2016.

Title of Thesis : Carbon Sequestration, Productivity and Nutrient  
Distribution in Agroforestry and Forestry  
(Monoculture and Polyculture) Land use Systems of  
Sub-Temperate Mid-hills of Himachal Pradesh.

  
Vice-Chancellor



  
self attested  
Rupinder Kaur

  
Chancellor



माननीय श्री ८८३३२३२  
रजिस्ट्रेशन नं. ६३८३६३४

2022-8-6 | 12'05



## डॉक्टर ऑफ फ़िलासफी

रेखा धनर्षी

यामीना प्रेषणोगिकी

में इस विद्यालय को

२०२२ वर्ष के महात्मा गांधी की २०१० में प्रदत्त हो गयी।

वर्ष २०१७ का अध्ययन "असेसमेंट ऑफ इनोवेटिव टेक्नोलॉजी इंटरवेशन  
इन राजनीतिक स्टेटमेंट्स करने वेबलप्रैमियम: सन  
स्वस्थापितरी नई ऑफ डिस्ट्रिक्ट रुद्रप्रयाग, उत्तराखण्ड"

HEMWATI NANDAN BAUGUNA GARHWAL UNIVERSITY  
Doctor of Philosophy

This is to certify that REKHA DHANAI..... has  
been awarded the Degree of Doctor of Philosophy in RURAL TECHNOLOGY..... in  
this University in the year 2017.

Title of Thesis: ASSESSMENT OF INNOVATIVE TECHNOLOGY INTERVENTION  
IN LIVELIHOOD STRATEGIES FOR SUSTAINABLE RURAL DEVELOPMENT:  
AN EXPLORATORY STUDY OF DISTRICT RUDRAPRAYAG, UTTARAKHAND

हेमवती नन्दन बहुगुणा गढ़वाल विश्वविद्यालय, श्रीनगर (गढ़वाल)  
K.N. BAUGUNA GARHWAL UNIVERSITY, Srinagar (Garhwal)

Dated 24/06/2017

कुलपति  
Vice Chancellor

Self attested  
*Rekha*

Director  
Tulsi's Institute, Dehradun

COPIED

**Sam Higginbottom University of Agriculture, Technology And Sciences**  
**सैम हिंगनबॉटम कृषि, प्रौद्योगिकी एवं विज्ञान विश्वविद्यालय**  
(U.P. State Act No. 35 of 2016, as passed by the Uttar Pradesh Legislature)  
Prayagraj - 211 007, U.P., India



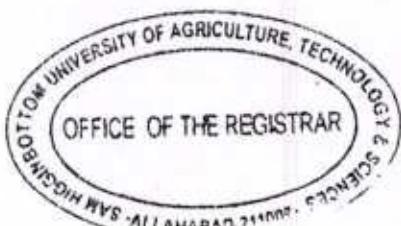
**OFFICE OF THE REGISTRAR**

**Provisional Degree Certificate**

This is to certify that Mr./Ms./Mrs. **PREM SINGH VERMA** I.D.No **15PHCAN102** son/daughter/wife of Mr./Mrs. **SIYA RAM VERMA** has successfully completed the requirements for the award of **Ph.D. Degree** in **Animal Nutrition** from this University in the **month of August**, year **2021**. He/She has obtained a cumulative grade point average of **9.16** out of ten point scale.

Final viva-voce Examination for the award of Ph.D. degree was held on **2<sup>nd</sup> July, 2021** and the title of the thesis accepted as an essential requirement for the said degree is :

**"Influence of dietary supplementation of Mentha leaves powder and Vitamin C on performance of caged broilers".**



Prepared by.....

Checked by.....

Director  
Tula's Institute, Dehradun

Jt.Registrar / Dy Registrar



# Uttarakhand Technical University

## DOCTOR OF PHILOSOPHY

This is to certify that

**MR. SANKET KUMAR SAXENA**

has been conferred the Degree of

**DOCTOR OF PHILOSOPHY**

of the University in

**APPLIED SCIENCE(CHEM.)**

in the year **2016**

उत्तराखण्ड तकनीकी विश्वविद्यालय

विद्या वाचस्पति

प्रमाणित किया जाता है कि

संकेत कुमार सख्सेना

फो विश्वविद्यालय द्वारा वर्ष २०१६ में

एलाइड साइंस (फैसिलिटी)

विषय पर

विद्या वाचस्पति

फी उपाधि प्रदत्त फी गइ ।

परिकार / Title : "Derivatives of Seed Oil as A Biodegradable Lubricant"

उत्तराखण्ड तकनीकी विश्वविद्यालय  
देहरादून (उत्तराखण्ड), भारत

Uttarakhand Technical University  
Dehradun (Uttarakhand), INDIA

Date of issue 19-11-2016

O.P.  
Director  
Tula's Institute, Dehradun

P.I. Gang  
Vice Chancellor  
कुलपति

क्रमांक / Serial No.

125989

नामांकन सं. / Enrolment No.

M-0170502

अनुक्रमांक / Roll No.

X

# चौधरी चरण सिंह विश्वविद्यालय, मीरू

## विद्या वाचस्पति



प्रमाणित किया जाता है कि दीपक अग्रवाल  
आत्मज/आत्मजा श्री वीना अग्रवाल एवं श्रीमती वीना अग्रवाल  
को इस विश्वविद्यालय के सन् 2007 के दीक्षान्त समारोह में ग्राहित  
विषय पर विद्या वाचस्पति की उपाधि प्रदत्त की गयी है।

### DOCTOR OF PHILOSOPHY

This is to certify that Deepak Kumar Agarwal  
son/daughter of Shri V.K. Agarwal and Smt. Veena Agarwal  
has been conferred the Degree of **DOCTOR OF PHILOSOPHY**  
of this University in Mathematics at the Convocation  
of 2008.

शीर्षक / Title: "Study of Some problems of M.H.D. flow in  
Second-Order Fluids"



CHAUDHARY CHARAN SINGH UNIVERSITY, MEERUT

Dated

: 20-06-2008 As per Dr. my name -

Director  
Tula's Institute, Dehradun

Vice-Chancellor

S. Ogha



# गोविन्द बल्लभ पंत कृषि एवं प्रौद्योगिक विश्वविद्यालय

(पूर्वतः उत्तर प्रदेश कृषि विश्वविद्यालय)

पंतनगर – 263145 उत्तराखण्ड (भारत) की  
विद्वत् परिषद् की संस्तुति पर

ना० सं० 49453

*Ashish*  
आशीष मिश्रा

जिन्होंने डाक्टर ऑफ फिलासफी की उपाधि हेतु निर्धारित पाठ्यक्रम मार्च 2019 में पूरा किया, को उक्त उपाधि आज  
दिनांक 29 अप्रैल, 2019 को प्रदान की गयी।

मध्यमानांक - 8.040/10.000

मुख्य विषय - गणित

गौण विषय - संगणक विज्ञान

On the recommendation of the Academic Council of the  
**GOVIND BALLABH PANT UNIVERSITY OF AGRICULTURE & TECHNOLOGY**  
 (FORMERLY U.P. AGRICULTURAL UNIVERSITY)  
 PANTNAGAR - 263145, Uttarakhand (India)

Tula's Institute, Dehradun  
*Director*

Ashish Mishra

having completed the prescribed requirements for the Degree of Doctor of Philosophy in March 2019  
 has been admitted to the said degree on this Twenty Ninth day of April Two Thousand Nineteen.

O.G.P.A. - 8.040/10.000

Major - Mathematics

Minor - Computer Science

Id. No. 49453

*Ashish*

कुलसचिव  
Registrar



*S. S. J. M.*  
*J. K. M.*

*M. N. K.*  
कुलपति  
Vice-Chancellor

L/DOC/0013/108165001



upon the recommendation of the Academic Council  
hereby confers on

*Neelima Bangwal*

fulfilment of requirements of the degree of

*Doctor of Philosophy*

in

English

in the month of January 2022

for recognition of her research work entitled *Image of India*

**in the Selected Works of M.G. Vassanji**

with all the rights, privileges and honours therein pertaining

Given this

Twenty Ninth day of January, Two Thousand Twenty Two

under the Seal of DIT University at Dehradun

in the State of Uttarakhand, India.

A handwritten signature of the Registrar.

Kiran  
REGISTRAR

A standard black and white QR code.



A handwritten signature of the Vice Chancellor.

VICE CHANCELLOR

A handwritten signature of the Director.

Director  
Tula's Institute, Dehradun



BHAGWANT UNIVERSITY  
AJMER, INDIA  
PROVISIONAL CERTIFICATE

Sr. No.

PH/0015

Registration No. BU/Ph.D/Regn.No./CS/300

This is to certify that Mr./Ms. RAM BHAWAN SINGH  
viva voce on his/her Ph.D thesis was held on 21-07-2014

The viva-voce Board and the Doctoral Committee have recommended  
the name of Mr./Ms. RAM BHAWAN SINGH  
for the award of Doctor of Philosophy in COMPTURE SCIENCE AND ENGINEERING

Title of the Thesis:



Fraud Detection In Health Insurance Using  
Data Mining

Date: 04-09-2014

Checked & Examined

Registrar

- Note: 1 The printed degree or passing the examination will be issued to him/her later on.  
2 In case of any mistake being detected during the preparation of the provisional certificate brought to notice afterwards, the University will be fully empowered to correct the same.

Self Attest

Director  
Tula's Institute, Dehradun

# NIMS UNIVERSITY, JAIPUR (RAJASTHAN)

210915-4866



S. No. :A/ 1970

## PROVISIONAL CERTIFICATE

It is certified that Mr. /Ms.

**AJEET KUMAR VISHWAKARMA**

Son/Daughter of

**GANESH PRASAD**

Enrollment No.

**124880**Passed ..... **QUALIFIED FOR THE DEGREE OF DOCTOR OF PHILOSOPHY IN COMPUTER  
SCIENCE & ENGINEERING**Examination held in ..... **VIVA-VOCE EXAMINATION HELD** with ..... Division  
ON 17.07.2021**TOPIC OF THESIS: A NOVEL APPROACH TO DESIGN A PROTOTYPE MODEL FOR EFFICIENT  
SCALABILITY IN BIG DATA**Date: **15.09.2021**

Place: Jaipur, India



*Anuj*  
17.07.2021

*[Signature]*  
**Director**  
**Tula's Institute, Dehradun**



NOIDA INTERNATIONAL UNIVERSITY



NOIDA  
INTERNATIONAL  
UNIVERSITY

*This is to certify that*

*Bharli Kalia*

*S/o / D/o Late Kamal Raj Kalia*

*after approval of his/her Thesis on*

*Empirical Studies of Big Data Analytics*

*has been awarded the Degree of*

*Doctor of Philosophy*

*in the year*

*2016*

Registrar

Director  
Tula's Institute, Dehradun

Vice Chancellor

# GLOCAL UNIVERSITY, SAHARANPUR



**GLOCAL**  
UNIVERSITY  
SHAPING GLOBAL MINDS

(A University Established by UP Act 2 of 2012)

Having been examined and declared successful in the course prescribed under the Regulations and upon the recommendation of the Academic Council of the Glocal University,



AHMAD JAMAL

is hereby conferred the degree of  
Doctor of Philosophy (Ph.D.) in  
Computer Science and Engineering



for the thesis titled "Performance Optimization of Higher Education System by using Secure & Reliable ERP System".

in the Glocal School of Technology of this University in the year 2020.

Date of Issue: 21 November 2020

  
Director  
Tula's Institute, Dehradun

  
Vice-Chancellor

*Self Attested*  
*[Signature]*

No.

0391

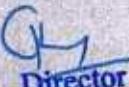


## PROVISIONAL CERTIFICATE

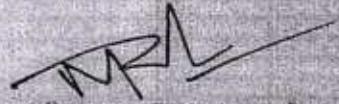
### Ph.D. Degree

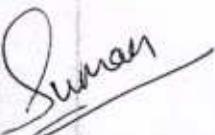
Certified that the Vice Chancellor, Chairman of the RDC has provisionally approved the award of Ph.D. Degree entitled "**Complex Dynamics of Jungck Ishikawa Iteration & Its Applications**" to **Ms. Suman Joshi** in the discipline of **Computer Science**, Enrollment No. **130091025013** (**GBPIET, Pauri**) as per ordinance of the University for Ph.D Programme. The Viva Voce/Ph.D Degree awarded, held vide Notification Ref. No. 11912/Ph.D.-Viva/UTU/2022, Dated 24.05.2022, under the Supervision of **Dr. Yashwant Singh Chauhan, GBPIET, Pauri**. She has completed her Ph.D. work as per the UGC guidelines 2009.

The degree will be awarded to the candidate at the time of Convocation after the final approval of Academic Council/Executive Council.

  
Director  
Tula's Institute, Dehradun

Dated.../../2022

  
Coordinator, Ph.D. Program  
Uttarakhand Technical University  
Dehra Dun

  
Suman



# SAI NATH UNIVERSITY

Ranchi, Jharkhand

(Established Under Jharkhand Govt. Act No. 15 of 2012 and recognized as per section 2(f) of UGC Act, 1956)

## *Doctor of Philosophy*

This is to certify that **Ashish Gupta** Son/ Daughter of Mr. **Pradeep Kumar Gupta** has been awarded the Degree of Doctor of Philosophy in Computer Science on his/her successful completion of the Viva Voce Examination on **24 Aug, 2018**.

The topic on which he/she presented a thesis for the degree was: "**PHISHING ATTACKS IN WIRELESS NETWORK AND THEIR REMEDIES**"

Date of Issue : 21 March, 2022

  
Vice-Chancellor



  
Director  
Tula's Institute, Dehradun

*self attested  
Ashish*



# SAI NATH UNIVERSITY

Ranchi, Jharkhand

(Established Under Jharkhand Govt. Act No. 15 of 2012 and recognized as per section 2(f) of UGC Act, 1956)

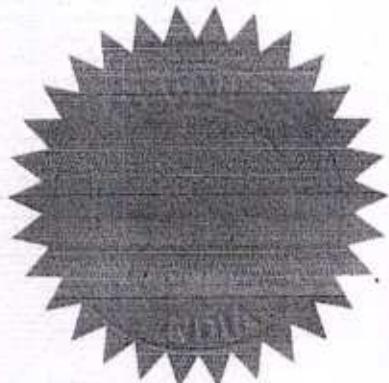
## *Doctor of Philosophy*

This is to certify that **Pooja Joshi** Son/ Daughter of **Mr. Om Prakash Joshi** has been awarded the Degree of Doctor of Philosophy in Computer Science & Engineering on his/her successful completion of the Viva Voce Examination on **29 Sep, 2013**.

The topic on which he/she presented a thesis for the degree was: "**ANALYSIS AND IMPLEMENTATION OF FAULT TOLERANT GATEWAY PLACEMENT ALGORITHM FOR WIRELESS MESH NETWORKS**"

Date of Issue : 25 March, 2021

*Sai Nath Joshi*  
Vice-Chancellor



*O.P.*  
Director  
Tula's Institute, Dehradun

*Sai Nath Joshi*

*Sai Nath Joshi*





# श्री उत्तर प्रदेश विश्वविद्यालय

विद्या वाचस्पति  
प्रमाणित किया जाता है कि  
ललित कुमार  
को विश्वविद्यालय द्वारा वर्ष २०२२ में  
मैनेजमेंट  
विषय पर  
विद्या वाचस्पति  
की उपाधि प्रदत्त की गई।

## DOCTOR OF PHILOSOPHY

*this is to certify that*

**LALIT KUMAR**

*has been conferred the Degree of*  
**DOCTOR OF PHILOSOPHY**  
*of the University in*  
**MANAGEMENT**  
*in the year 2022*

कार्यक्रम / Title : An Analysis of Working and Performance of Uttar Pradesh State Road Transport Corporation (UPSRTC)  
for Last One Decade Since 2006.

उत्तर प्रदेश तकनीकी विश्वविद्यालय

देहरादून (उत्तराखण्ड), भारत

Uttarakhand Technical University  
Dehradun (Uttarakhand), INDIA

Dated : DATE OF ISSUE

13 MAY 2022

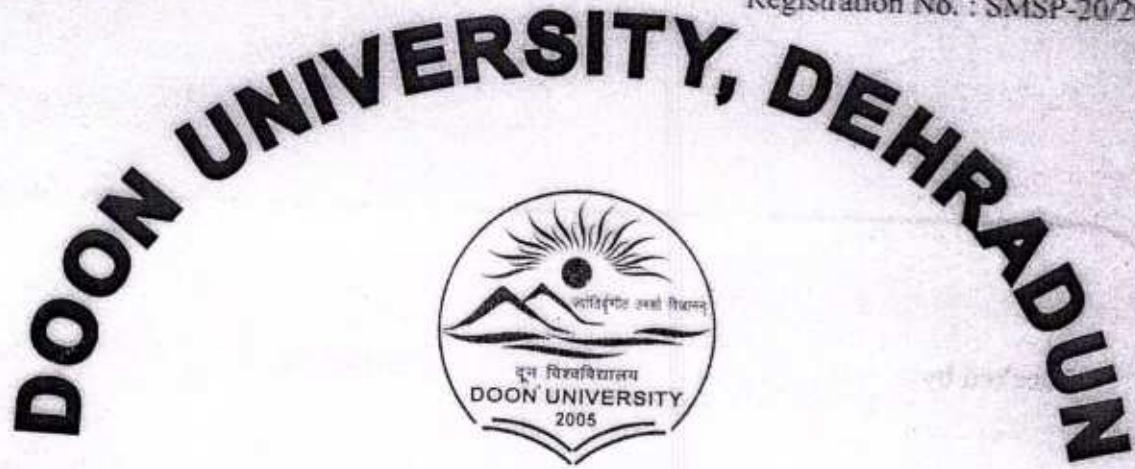
Tula's Institute, Dehradun

Director

कुलपति  
Vice Chancellor

Degree Serial No. 002754  
Degree Awarding Year : 2021

Student ID : SMS  
Registration No. : SMSP-20/2015/SOM



## **UTTARAKHAND (INDIA)**

(Established by Uttarakhand Government Act No. 18 of 2005)

Consequent upon successful completion of a Program of Study and  
on recommendation of the Academic Council of the University

Preeti Rana

has been awarded the Degree of

## **Doctor of Philosophy**

on 29th day of November, 2021 after fulfilling the requirements prescribed under  
the regulation for the award of this degree.

**Thesis Title: Sustainable Supply Chain Management Practices And  
Performance Among SMEs: Evidences From Uttarakhand**

Given under the seal of Doon University, State of Uttarakhand, India.



002754

Date: 06.12.2021

*Sengual*  
Vice Chancellor

*Self attested*  
*Preeti*  
*01/08/2021*

*Director*  
Tula's Institute, Dehradun



# उत्तरांचल विश्वविद्यालय



UTTARANCHAL  
UNIVERSITY



डॉक्टर ऑफ फिलोसोफी

प्रमाणित किया जाता है कि

शिखा वर्मा

को मैनेजमेन्ट में इस प्रियविद्यालय की डॉक्टर ऑफ फिलोसोफी

फी उपाधि का २०१८ में प्रदान की गयी।

शोध प्रबन्ध का शीर्षक "कॉर्जेर, कन्सीक्वेन्सीस एण्ड कन्ट्रोल ऑफ एक्सेन्टीजम ए  
स्टडी ऑफ इस्टीट्यूशन्स ऑफ हायर एज्युकेशन इन उत्तरांचल"

**Doctor of Philosophy**

This is to certify that

**SHIKHA VERMA**

has been awarded the Degree of Doctor of Philosophy  
in Management of this University in the year 2018  
Title of Thesis "Causes, Consequences and Control of  
Absenteeism: A Study of Institutions of Higher Education in  
Uttarakhand"



Self Attested  
Shikha  
3/02/2018

Director  
Tula's Institute, Dehradun

अधिकारी  
Vice Chancellor

Book No. 08

Enrolment No. G. 172374

Serial No. 004

हेमवती नन्दन बहुगुणा गढ़वाल विश्वविद्यालय, श्रीनगर (गढ़वाल), उत्तराखण्ड-246174  
(केन्द्रीय विश्वविद्यालय)  
Hemvati Nandan Bahuguna Garhwal University, Srinagar (Garhwal), Uttarakhand-246174  
(A Central University)



### Provisional Certificate

This is to certify that..... KAMLESH CHANDRA JOSHI.....

S/o/D/o..... D. D. JOSHI

Ph.D degree in ..... TOURISM ..... has been declared eligible for the award of D.Phil./  
after successful completion of his/her viva-voce held on dated 09-05-2022..... from this University in the year 2022.....

Title of Thesis "SUSTAINABLE PILGRIMAGE TOURISM IN KEDAR VALLEY:  
A HOLISTIC TOURISM DEVELOPMENT APPROACH POST  
2013 DISASTER"

Srinagar (Garhwal)

Dated : 01-06-2022

Self Attested  
Kamlesh Joshi

01/06/2022  
Registrar  
Registrar  
H.N.B. Garhwal University  
(A Central University)  
Srinagar (Garhwal)

G.L.  
Director  
Tula's Institute, Dehradun