

## Index

### **Criterion No: 2.4.2/3.1.2/3.3.1**

**Criterion Details:** Number of full-time teachers with Ph. D. / D.M. / M.Ch. / D.N.B Superspeciality / D.Sc. / D.Litt. during the year (consider only highest degree for count)

**Criterion Details:** Number of teachers recognized as research guides (latest completed academic year)

**Criterion Details:** Number of Ph.Ds registered per eligible teacher during the year

S. No.	Particulars	Department	Annexure No.
1.	Dr. Sandip Vijay	CSE	Annexure – 1
2.	Dr. Pavan Kumar Chaubey	Applied Science	Annexure – 2
3.	Dr. Sanjeev Kumar	MCA	Annexure – 3
4.	Dr. Nishant Saxena	ECE	Annexure – 4
5.	Dr. Tarun Kumar	Applied Science	Annexure – 5
6.	Dr. Raghav Garg	CSE	Annexure – 6
7.	Dr. Nidhi Agarwal	Management	Annexure – 7
8.	Dr. Arun Kumar Agrwal	Civil	Annexure – 8
9.	Dr. Ranit Kishor	Management	Annexure – 9
10.	Dr. Sachin Kumar	CSE	Annexure – 10
11.	Dr. Balender Pratap Singh	Applied Science	Annexure – 11
12.	Dr. Sandeep Kumar	CSE	Annexure – 12
13.	Dr. Sunil Semwal	ECE	Annexure – 13
14.	Dr. Tripuresh Joshi	ECE	Annexure – 14
15.	Dr. Shubas Chandra	Mechanical	Annexure – 15
16.	Dr. Prerana Badoni	Agriculture	Annexure – 16

#### **Vision**

- To emerge as an academic centre producing world class professionals promoting innovation and research.

#### **Mission:**

- To promote intellectual and skilled human capital generation employment and entrepreneurship.
- To be educational centre of excellence of multi ethnicity and diversity.
- To establish as technology driven teaching learning institution.
- To provide world class platform for research and innovation.
- To inculcate social, environmental, heritage values.

Approved by AICTE, Ministry of HRD, Govt. of India • ISO 9001:2015  
Affiliated: • V.M.S.B Uttarakhand Technical University • Sri Dev Suman Uttarakhand University • Uttarakhand Board of Technical Education

17.	Dr. Shivangi Negi	Agriculture	Annexure – 17
18.	Dr. Rupinder Kaur	Agriculture	Annexure – 18
19.	Dr. Rekha Dhanai	Agriculture	Annexure – 19
20.	Dr. Prem Singh Verma	Agriculture	Annexure – 20
21.	Dr. Ashish Mishra	Applied Science	Annexure – 21
22.	Dr. Sanket Saxena	Applied Science	Annexure – 22
23.	Dr. Deepak Agrawal	Applied Science	Annexure – 23
24.	Dr. Neelima Bangwal	Applied Science	Annexure – 24
25.	Dr. Ram Bhawan Singh	CSE	Annexure – 25
26.	Dr. Ajeet Kr. Vishwakarma	CSE	Annexure – 26
27.	Dr. Bharti Kalra	CSE	Annexure – 27
28.	Dr. Ahmad Jamal	CSE	Annexure – 28
29.	Dr. Suman Pant	CSE	Annexure – 29
30.	Dr. Lalit Goyal	Management	Annexure – 30
31.	Dr. Preeti Rana	Management	Annexure – 31
32.	Dr. Shikha Dabral	Management	Annexure – 32
33.	Dr. Kamlesh Chandra Joshi	Management	Annexure – 33
34.	Dr. Ashish Gupta	CSE	Annexure – 34
35.	Dr. Pooja Joshi	CSE	Annexure – 35
36.	Prof. Ramesh Chandra Pathak	DJMC	Annexure – 36
37.	Dr. Anand Kumar Gupta	CSE	Annexure – 37
38.	Dr. Smita Negi	Applied science	Annexure – 38
39.	Dr. Khaliqur Rahman Ansari	Management	Annexure – 39

#### Vision

- To emerge as an academic centre producing world class professionals promoting innovation and research.

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40.	Dr. Pawan Joshi	Annexure 40
41.	Ms. Shikha Tayal	Annexure 41
42.	Dr. Pradeep Kothiyal	Annexure 42

## प्राचीनकानि परम्परानि रुदकी

विभाग को अनश्वा घ  
ठारहर आँफ़ फिल्मसेफ़री  
ती उत्तरी

### संदीप विजय

ज्ञा. विजयन के उमीदी को अवादि के लियाह लिए हैं ज्ञानशाखों को सन् 2012 में सफलतापूर्वक पाय कर लिया है, प्राचीनकानि परम्परानि रुदकी का अध्ययन और विवरणीय अध्ययन के लिए इंग्रिजी शिक्षिकार इंग्रिजी का लेस वायरलेस नेटवर्क्स विभाग नामान्वि वा. अन्ना रुदकी में आइ, दिनांक 04 दिसंबर 2012 द्वारा ज्ञा. मुद्रा दीक्षित वह उमाय दी मही।

## 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

*D. Bandyopadhyay*  
Director

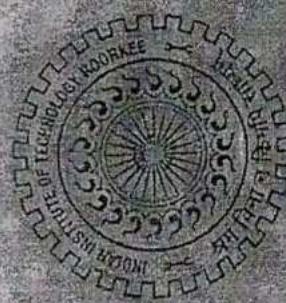
T.I.T.S Institute, Dehradoon

अधिकारी परिषद्

Chairman, Board of Governors

*A. K. Singh*  
कुलसचिव

Registrar



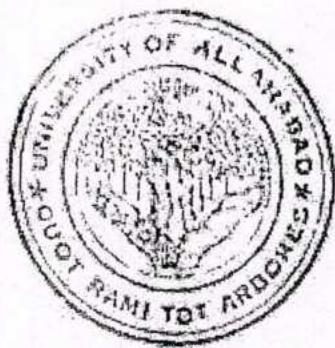
(1)

(2)

Annexure No.: 8

010538

UNIVERSITY OF ALLAHABAD



### Doctor of Philosophy in Science

En. 2000AU/68

This is to certify that Fauzia Banu Choudhury  
 has been admitted to the degree of Doctor of Philosophy  
 in Science in this University at the Convocation

of 2008

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

University of Allahabad:  
 The 29th October, 1920, 09  
14th January, 2020

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

*[Signature]*  
 Vice-Chancellor

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

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



# SINGHANIA UNIVERSITY

*Doctor of Philosophy (Ph.D.)*

The Board of Management of the Singhania University confers on Mr./Ms. Sanjeev Kumar Son/Daughter of Sh. Raj Kumar the degree of Doctor of Philosophy (Ph.D.) in Computer Science & Engineering on his/her having successfully completed the prescribed requirements for the said degree on 30<sup>th</sup> May 2015. The degree has been awarded in compliance of UGC (Minimum Standards and Procedure for Awards of M.Phil./Ph.D. Degree) Regulation, 2009.

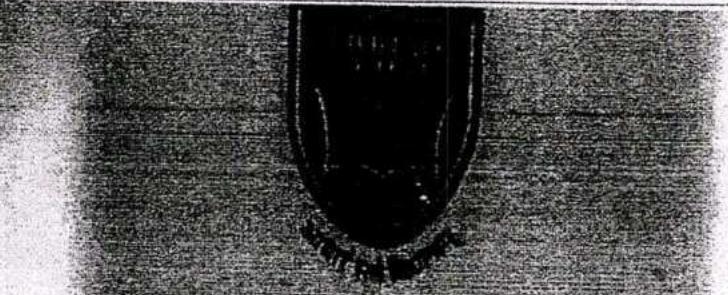
His/Her title of the thesis was: "TO INVESTIGATE IMPACT OF MOBILITY MODELS AGAINST AODV, OLSR AND GRP ROUTING PROTOCOLS IN MANET".

*Given under the seal of the University*

Registrar

  
Director  
Tolas Institute, Dehradun  
Vice-Chancellor

(4)



# MONAD UNIVERSITY

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

## Previsional Degree Certificate

### *Doctor of Philosophy*

Sr. No. 257258

Enrolment No. 1246351155

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

submitted by Nishant Jaiswal Sir R.N. Srivastava for the

degree of Doctor of Philosophy in the subject of Electrical Engineering, has been conferred

Date of Academic Convocation 8. 10. 2018.

Umesh  
Registrar

Anil  
Director  
Tula's Institute  
Dhoolkot, Dehradun

Umesh  
Director  
Tula's Institute, Dehradun

(5)

अनुक्रम / Serial No.

12141829

नामांकन नं. / Enrollment No.

M-0010119

पृष्ठा संख्या / Page No.

XXX



## विद्या वाचस्पति

प्रमाणित किया जाता है कि तरुण कुमार

आलज / आलजा श्री मंगल सैन एवं श्रीमती ममता देवी

को इस विश्वविद्यालय के सन २०१२ के दीक्षान्त समारोह में रसायन

विषय पर विद्या वाचस्पति की उपाधि प्रदत्त जी मिथी है।

## DOCTOR OF PHILOSOPHY

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

शोधक / Title: Kinetic - spectrophotometric determination of  
 colchicine in aqueous media media based on its  
 oxidation by periodate ion



CHAUDHARY CHARAN SINGH UNIVERSITY, DEHRADUN  
 DATE : 30 JUNE, 2012

*Director*  
Tulsi's Institute, Dehradun

*Self Attested*

Enrolment No.  
2016/3494



# बनस्थली विद्यापीठ

विद्यापीठ द्वारा संधारित  
सभी अहत ए पूरी करने पर  
राधव गर्ग को



डॉक्टर ऑफ़ फिलोसॉफि  
कम्प्यूटर साइंस

की उपाधि में आज के दिन दोक्षित किया गया।  
प्रमाण स्वरूप विद्यापीठ की सुरा 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.



नोटीफ़िकेशन  
Date: 5 October, 2018

Director

दुष्टपति  
Vice-Chancellor

Director  
B.V.S Institute, Dehradun

(7)

नामांकन / Enrolment No.  
KUO975046

विज्ञान विभाग / Reg. No.

# कुमाऊँ विश्वविद्यालय



डॉक्टर ऑफ फिलोसोफी

प्रमाणित किया जहा है कि

जो उनके शोध प्रयत्न के शोधक निधि आयोग  
इमोर्ट ऑफ रिजन ऑफ  
हायोनोमिक एवं साइप जाह उत्तरपंथ

पद नाम विषय का नियम दिनांक 11-10-2014 के  
अनुसार मदानी नियम डॉक्टर ऑफ फिलोसोफी की उपलब्ध प्रदान की गई।

## Kumaon University

Doctor of Philosophy

This is to certify that

Nidhi 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

दानाल / Date 09 NOV 2015  
नामांकन / Nainital

*Dr. Nidhi Agarwal*  
Director  
Kumaon Institute, Dehradun

*Self attested  
Nidhi X.*

(8)



# 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 (उत्तर प्रदेश)  
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 फिलोसोफी 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 अनुसूत 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

*[Signature]*  
Director  
Tulas Institute, Dehradun

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

*[Signature]*  
कुलसचिव  
Registrar



*[Signature]*  
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

*Selfie photo*  
*15/3/20*

*DR. M.G.*  
Tadas Institute of Management & Technology, Dehradun  
Registrar



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

આઈ કે ગુજરાલ પંજાબ ટૈકનીકલ યુનિવર્સિટી, જલદ્યા  
I.K. Gujral Punjab Technical University, JALANDHAR

Ref. No. I.K.G.P.T.U/D.I.E/S.A/07/

Date ..... 04/11/2019 .....

Regd. No.: PTU/PHD2016/260

Sr. No. 5927813

Roll No. :- PTU8524897503

## **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.*

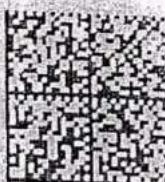
Director  
Tulas Institute, Dehradun

**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  
Tulsi Institute, Dehradun

Dated: 20 SEP 2015

B.A.A.F.  
1/10/2015

# 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,



**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

*JY*

*Jyoti*  
Director  
Tula's Institute, Dehradun

*Chandru*  
Vice-Chancellor

Date of Issue : 17th January 2022

उपाधि नंसार / Degree Serial No.  
201800405001

नामांकन संख्या / Enrolment No.  
PHD11EC021

अनुमोदन / 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)

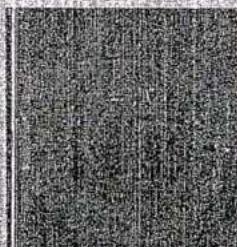
को जिन्होंने इस विश्वविद्यालय द्वारा नियमानुसार अनुमोदित अधेक्षणों को सन् 2018 में सफलतापूर्वक पूर्ण कर लिया है, जिसके फलस्वरूप एतदद्वारा प्रदान करती है।  
यह उपाधि शोध प्रबन्ध शीर्षक: "गारत में आवासीय उपकरणों की गैर उल्लंघनकारी पहचान के लिए स्मार्ट मीटर कार्यान्वयन" भारतीय गणराज्य के अन्तर्गत देहरादून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

Director  
T.I.S. Institut., Dehradun



*Rene* *3/12/2018*  
कुलसंचिव  
Registrar  
Self Attested  
कुलपति  
Vice Chancellor

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

प्रकाशित / Date: December 15, 2018

(14)

उपाधि नम्बर / 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 एण्ड 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*

*Jyoti*  
Director  
Tula's Institute, Dehradun

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

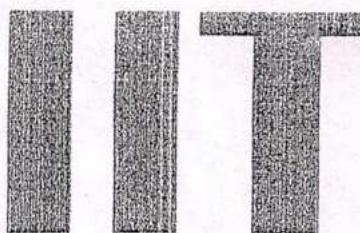
15 MAY 2022

कुलपति  
Vice Chancellor

भारतीय  
प्रौद्योगिकी  
संस्थान

काशी हिन्दू विश्वविद्यालय

S.No. : P19-102



INDIAN  
INSTITUTE OF  
TECHNOLOGY  
BANARAS HINDU UNIVERSITY

(15)

Roll No.: 13141005

भारतीय प्रौद्योगिकी संस्थानम् (काशी हिन्दू विश्वविद्यालय) वाराणसी द्वारा

२०७६ विक्रमसंवत्सरे

श्री सुबाष चन्द्र राम

विद्यावारिधि

इत्युपाधिना अलङ्कृयते।



भारतीय प्रौद्योगिकी संस्थान (काशी हिन्दू विश्वविद्यालय) वाराणसी द्वारा

२०१९ ईसवी (विक्रम संवत्सर २०७६) में

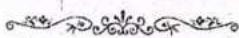
श्री सुबाष चन्द्र राम को

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.



*Subash Chandra Ram*  
Director  
Tula's Institute, Dehradun

भारतीयगणराज्यान्तर्गते—वाराणस्याम् २०७७ विक्रमसंवत्सरे माघमासस्य  
कृष्णपक्षस्य द्वादशी तिथौ संस्थानस्य मुद्राङ्कितः उपाधिः प्रदत्तः।

भारतीय गणराज्य के अन्तर्गत वाराणसी में आठ फरवरी दो हजार इक्कीस को  
संस्थान की मुद्रांकित उपाधि प्रदान की गई। *H. S. R.*

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

*Raj*

कुलसचिव  
Registrar

*Subash Chandra Ram*

अध्यक्ष, सीनेट  
Chairman, Senate

*Uttam Singh*

अध्यक्ष, संचालक मण्डल  
Chairman, Board of Governors

(16)

नामांकन सं.

Enrolment No. 0709/Ph.D./2100



क्रमांक

Sl. No. 620

## बग अनुसंधान संस्थान

(सम तिश्वविद्यालय)

देहरादून

श्री/सुश्री

प्रेरणा बड़ोनी

को प्रबन्ध परिषद् की संस्तुति पर वानिकी में डॉक्टर ऑफ फिलासफी की उपाधि "फॉरेस्ट  
पैथोलॉजी" में उनके शोध प्रबन्ध, "एंटीमाइक्रोबियल  
एक्टिविटी ऑफ सैपिंडस मुकारोसी" 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

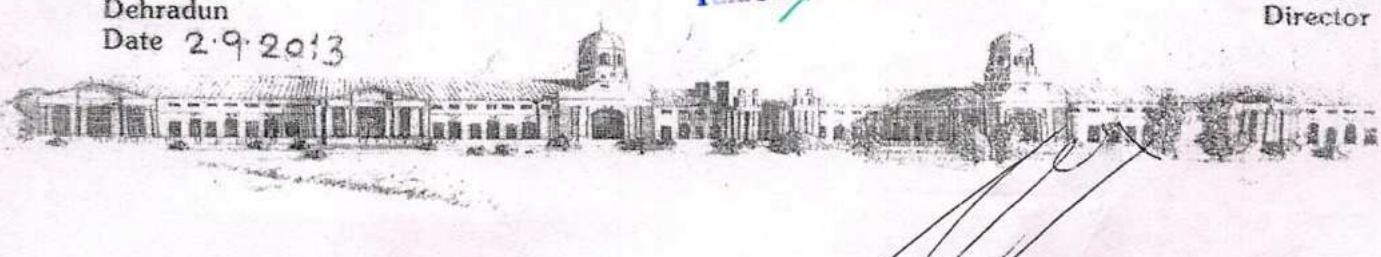
"Antimicrobial activity of *Sapindus mukorossi*".

देहरादून  
Dehradun

Date 29.2013

Director  
Tula's Institute, Dehradun

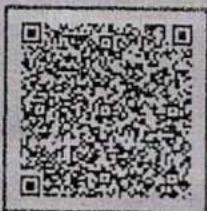
415 5115

निदेशक  
Director

**Dr Pashwant 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.



Uttarakhand  
achal Pradesh) INDIA  
Date : 05.03.2020

Registrar

Vice Chancellor

Director  
T.I.M.S. Institute, Dehradun

**शूलिनी बायोटेक्नोलॉजी एवं मैनेजमेंट साइंसेज़ विश्वविद्यालय**

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

डॉक्टर ऑफ़ फिलोसफी

प्रमाणित किया जाता है कि रुपिंदर कौर

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

रे इस विश्वविद्यालय से फैकल्टी ऑफ बेसिक साइंसेज़ से २०

अप्रैल, २०१६ को डॉक्टर ऑफ़ फिलोसफी

की उपाधि प्राप्त की है।

ठिसिस का विषय कार्बन लेप्टरेस्ट्रेट, प्रोडक्टिविटी एंड न्यूट्रिएंट डिस्ट्रीब्यूशन इन एग्रोफोरेस्ट्री एण्ड फोरेस्ट्री (प्रोनोकल्चर एण्ड पॉलीकल्चर) लैण्ड यूज सिस्टम्स ऑफ़ सब-टेम्परेट मिड-हिल्स ऑफ़ हिमाचल प्रदेश।

O.I.Q.  
कृलयानन्द

Tulsi's Institute, Dehradun  
Director



**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.

Pankaj Kaul  
Vice-Chancellor



Self attested  
Rupinder Kaur  
Chancellor



(19)

2022-8-3 F 12:05

मानक नं. ५८८३  
Enrollment No. ५८८३

डॉक्टर ऑफ फिलासफी

देवा धनर्ष

यास्त्रीय प्रोफेशनली

में इस विवरणप्राप्ति को

प्राप्ति की तिथि वर्ष २०१७ के बहुत ही मध्ये।

तथा वर्ष २०१७ में "जनसेवक और इतिहासी टेक्नोलॉजी इंटरवेशन  
उत्तर वायनाली रुड स्ट्रेटेजीज फॉर सासेतेज चरक डेवलपमेंट: एन  
एव्हालोरेशन और उत्तरास्थान"

HEMWATI NANDAN BAHUGUNA 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

मानकी अद्य वायनाली रुड स्ट्रेटेजीज, बीनार (गढ़वाल)  
H. N. BAHUGUNA GARHWAL UNIVERSITY, Srinagar (Garhwal)

Dated 24/08/2017

कुलपति  
Vice Chancellor

Self attested

Director  
Institute, Dehradun

20070

**Sam Higginbottom University of Agriculture, Technology And Sciences**  
**सेम 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



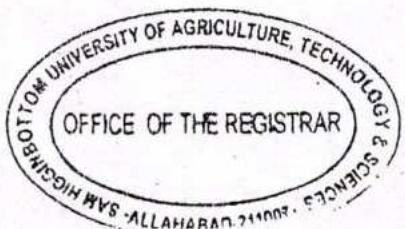
**OFFICE OF THE REGISTRAR**

**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".**



*Jay*  
Director  
Tula's Institute, Dehradun

Prepared by *[Signature]*

Checked by *[Signature]*

*G Jaywade*  
Jt. Registrar / Dy Registrar

*G Jaywade*



# 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)

Ashish Mishra

Id. No. 49453

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

*H.S. Chauhan*

कुलसचिव  
Registrar



*S. Mishra*  
Ashish

(2)

*Kulpati*  
कुलपति  
Vice-Chancellor

नामांकन संख्या/Enrollment No. 10001024009

अनुक्रमांक संख्या/Roll No. 10001024009



# 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 सक्सेना

को विश्वविद्यालय द्वारा वर्ष २०१६ में

एलाइड साइंस (फैसिलिटी)

विषय पर

विद्या वाचस्पति

की उपाधि प्रदत्त की गई।

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

*S. K. Saxena*  
Director  
Tula's Institute, Dehradun

उत्तराखण्ड तकनीकी विश्वविद्यालय

देहरादून (उत्तराखण्ड), भारत

Uttarakhand Technical University

Dehradun (Uttarakhand), INDIA

Date of issue 19-11-2016

*P. I. Ganguly*  
Vice Chancellor  
कुलपति

*J. J. Jaiswal*

क्रमांक / Serial No.

125089

नामांकन सं. / Enrolment No.

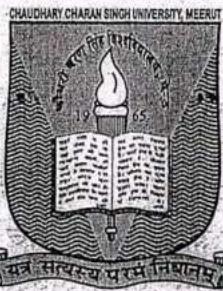
M-0170501

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 2002 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 MHD flow in  
Second - Order Fluids"



CHAUDHARY CHARAN SINGH UNIVERSITY, MEERUT

Dated : 30-06-2008 As per Doc. my name -

Jug  
Director  
Tulsi's Institute, Dehradun

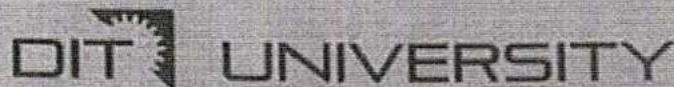
S.P. Oshka

Vice-Chancellor

Deputy Chancellor

(24)

1/DOC/0013/16816500



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 in black ink, appearing to read 'Kumar' or 'Kumay'.  
**REGISTRAR**  
A standard black and white QR code.



A handwritten signature in black ink, appearing to read 'Joy' or 'Joydeep'.  
**VICE CHANCELLOR**

A handwritten signature in blue ink, appearing to read 'Director' and 'T.I.S. Institute, Dehradun'.  
**T.I.S. Institute, Dehradun**

(25)

Sr. No.

**BHAGWANT UNIVERSITY**  
**AJMER, INDIA**  
**PROVISIONAL CERTIFICATE**

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

This is to certify that Shri / Ms. RAM BHAWAN SINGH  
 has done on his/her Ph. D thesis was held on 21-07-2014

The *ad-hoc* Board and the Doctoral Committee have recommended  
 the name of Shri / 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: 04-08-2014

Checked & Examined

Registrar

- Note: 1. The printed degree of 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 it will be brought to notice afterwards, the University will be fully empowered to correct the same.

*Cert. Attached*  
*[Signature]*

*Jay*  
 Director  
 Tuls Institute, Dehradun

(26)

# 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



Controller of Examinations

*Anil*  
17/11/2021

*Sug*  
Director  
Tula's Institute, Dehradun

Sr. No. :2016/16/0036

Enrollment No. :PHD/CSE/1401/003



NOIDA INTERNATIONAL UNIVERSITY



**NOIDA**  
INTERNATIONAL  
UNIVERSITY

*This is to certify that*

*Bharti Kaha*

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

*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*



*[Signature]*

Registrar

*Bharti Kaha*

*Director*  
Tula's Institute, Dehradun

*K. K. Deewan*  
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**



"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  
Tulas Institute, Dehradun

Vice-Chancellor

Self Attached  
Anil

No.

0391



## PROVISIONAL CERTIFICATE

### Ph.D. Degree

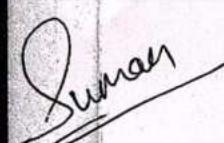
Certified that the Vice Chancellor, Chairman of the RDC has provisionally approved the award of Ph.D. Degree entitled "**Complex Dynamics of Jungck Ishikawa Iteration & Its Applications**" to **Ms. Suman Joshi** in the discipline of **Computer Science**, Enrollment No. **130091025013** (**GBPIET, Pauri**) 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.

TECHNICAL UNIVERSITY  
Dehradun

Dated...01.06.2022

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

  
Suman

  
M.

उपर्युक्त / Degree Serial Number / Enrollment No.

163132

130001015252



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*

*Director*  
T.I.M.S. Institut., Dehradun

टाइपिंग / Title : An Analysis of Working and Performance of Uttar Pradesh State Road Transport Corporation (UP SRTC)  
प्रारंभिक तथा अन्तिम दशक से २००६ तक

उत्तराखण्ड टेक्निकल यूनिवर्सिटी  
Dehradun (Uttarakhand), INDIA

19 MAY 2022

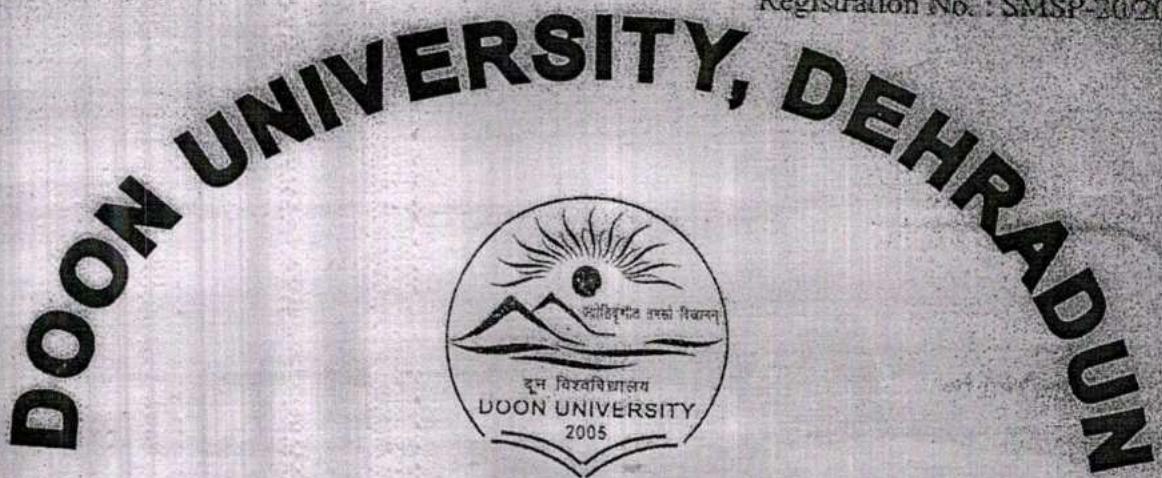
(31)

Degree Serial No. 002754

Degree Awarding Year : 2021

Student ID : SS

Registration No. : SMSP-20/2015-SO



## **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.

*Dr. Preeti Rana*  
Tutor Institute, Dehradun



002754

Date: 06.12.2021

*Attested  
Preeti Rana  
06/12/2021*

*Sreyaswar  
Vice Chancellor*

Degree No.

Date / Roll No.

मानदण्डना संख्या / Roll No.

UUC-2018

1130011

# उत्तरार्द्धचल विश्वविद्यालय

UTTARAKHAND  
UNIVERSITY

डॉक्टर ऑफ फिलोसोफी

प्रमाणित किया जाता है।

शिक्षा वर्मा

को प्रमेजमेंट में इस विश्वविद्यालय की डॉक्टर ऑफ फिलोसोफी

की उपाधि वर्ष २०१८ में प्रदान की गयी।

शोध प्रबन्ध का शीर्षक "योजेज, कन्सीकेन्सीस एण्ड कन्ट्रोल ऑफ एक्सन्टीजन ए  
र्टली ऑफ इस्टीट्यूशन्स ऑफ हायर एज्युकेशन इन उत्तरार्द्धचल"

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"

*Sell* *Attested*  
*Shikha* *21/02/2018*



Dr. S. S. Institut., Dehradun

Date / Date - 11.02.19

Uttarakhand University,  
Dehradun (Uttarakhand),  
INDIA

*ललापाता*  
Vice Chancellor

(33)

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

Done on  
01/06/2022

Registrar

Registrar

H.N.B. Garhwal University  
 (A Central University)  
 Srinagar (Garhwal)

Self Attested  
 Kamlesh Joshi

Jyoti  
 Director  
 Tulsis Institute, Dehradun



# 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**"

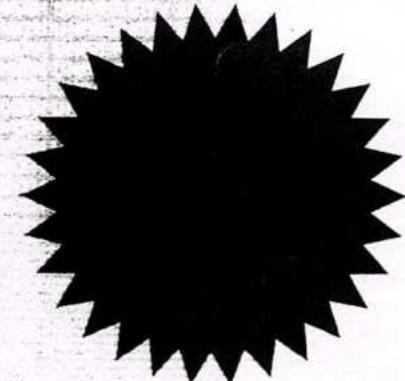
Date of Issue : 21 March, 2022

  
Vice-Chancellor



*Dr. Jay*  
Director  
Tula's Institute, Dehradun

*self attested*  
*Ashish*



नामांकन सं.

Enrolment No.

MGAHV/Ph.D./133/09

संस्कृत  
Serial No.

147

# महात्मा गांधी अंतर्राष्ट्रीय हिंदी विश्वविद्यालय, वेदा

(संसद द्वारा पारित अधिनियम 1997 क्रमांक 3 के अंतर्गत स्थापित केंद्रीय विश्वविद्यालय)

**Mahatma Gandhi****Antarrashtriya Hindi Vishwavidyalaya, Wardha**

(A Central University Established by Parliament by Act No 3 of 1997)



ज्ञान शांति मैत्री

## अस्थायी प्रमाण-पत्र

प्रमाणित किया जाता है कि श्री रमेश चन्द्र पाठक सुपुत्र श्री चन्द्र मोहन पाठक को ..... पी-एच.डी. जनसंचार

की परीक्षा उत्तीर्ण करने पर पी-एच.डी. उपाधि प्रदान की गयी।

विषय : सार्वजनिक एवं निजी उपक्रमों के जनसंपर्क विभागों की कार्यप्रणाली का तुलनात्मक अध्ययन (स्टील अथोरिटी ऑफ इंडिया लिमिटेड एवं टाटा स्टील के विशेष संदर्भ में)

\*यह पाठ्यक्रम दू.जी.सी. (एम.फिल./पी-एच.डी.उपाधि के लिए न्यूनतम मानक एवं प्रक्रिया विनियम 2009) के अनुरूप है।

## PROVISIONAL CERTIFICATE

This is to certify that SHRI RAMESH CHANDRA PATHAK S/o Shri Chandra Mohan Pathak on passing ..... Ph.D. Mass Communication

Examination was admitted to the Ph.D. Degree.

Subject : A Comparative Study of Working System of Public Relations  
Deptments of Public and Private Sector  
(With Special Reference to Steel Authority of India Limited and Tata Steel)

\*This Course is under the Provisions of UGC (Minimum Standards and Procedure for award of M.Phil./Ph.D. Degree), Regulation 2009.

मगांडिवि, वर्धा

MGAHV, Wardha

तिथि/Date : 25.10.2012

मूल प्रमाण-पत्र जारी किए जाने तक यह

Valid till the original degree is issued.

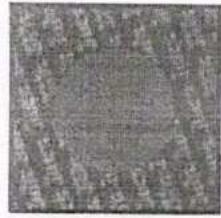
परीक्षा नियंत्रक/कुलसचिव  
Controller of Examination/Registrar

महात्मा गांधी अंतर्राष्ट्रीय हिंदी विश्वविद्यालय

मुम्बई - 400001

# JAYPEE INSTITUTE OF INFORMATION TECHNOLOGY

(Declared as Deemed to be University U/S 3 of UGC Act, 1956)  
NOIDA



Having completed the course of study and the prescribed examinations approved by the University in  
Academic year 2019-20

*Anand Kumar Gupta*

is hereby conferred the degree of

**DOCTOR OF PHILOSOPHY**

of this University in the field of

**COMPUTER SCIENCE AND ENGINEERING**

A handwritten signature in black ink, appearing to read "2020" followed by "of".  
Registrar

Noida  
31 August 2020

A handwritten signature in green ink, appearing to read "Tula's Institute, Dehradun".  
Director

A handwritten signature in black ink, appearing to read "Anand".  
Vice - Chancellor  
A handwritten signature in black ink, appearing to read "37".

106718

(38)

नामांकन सं०/Enrolment No. G11202361

# हेमवती नन्दन बहुगुणा गढ़वाल विश्वविद्यालय

(केन्द्रीय विश्वविद्यालय)



## डॉक्टर ऑफ फिलोसफी

स्मिता नेगी

प्रमाणित किया जाता है कि .....  
 को ..... गणित ..... में इस विश्वविद्यालय की डॉक्टर ऑफ फिलोसफी की उपाधि  
 वर्ष ..... 2022 ..... में प्रदान की गयी।

शोध प्रबन्ध का शीर्षक ..... एडिस्टेस ऑफ कोहंसीडेन्स एण्ड फिक्स्ड पॉइंट्स इन सर्टेन स्पेसेस

**HEMVATI NANDAN BAHUGUNA GARHWAL UNIVERSITY**  
 (A CENTRAL UNIVERSITY)  
**Doctor of Philosophy**

This is to certify that Smita Negi has  
 been awarded the Degree of Doctor of Philosophy in Mathematics  
 of this University in the year 2022

Title of Thesis: Existence of Coincidence and Fixed Points in Certain Spaces



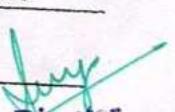
स्थान: श्रीनगर-गढ़वाल 246 174, उत्तराखण्ड  
 Place: Srinagar-Garhwal 246 174, Uttarakhand

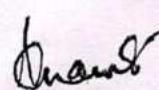
दिनांक/Date: 28 NOV 2022



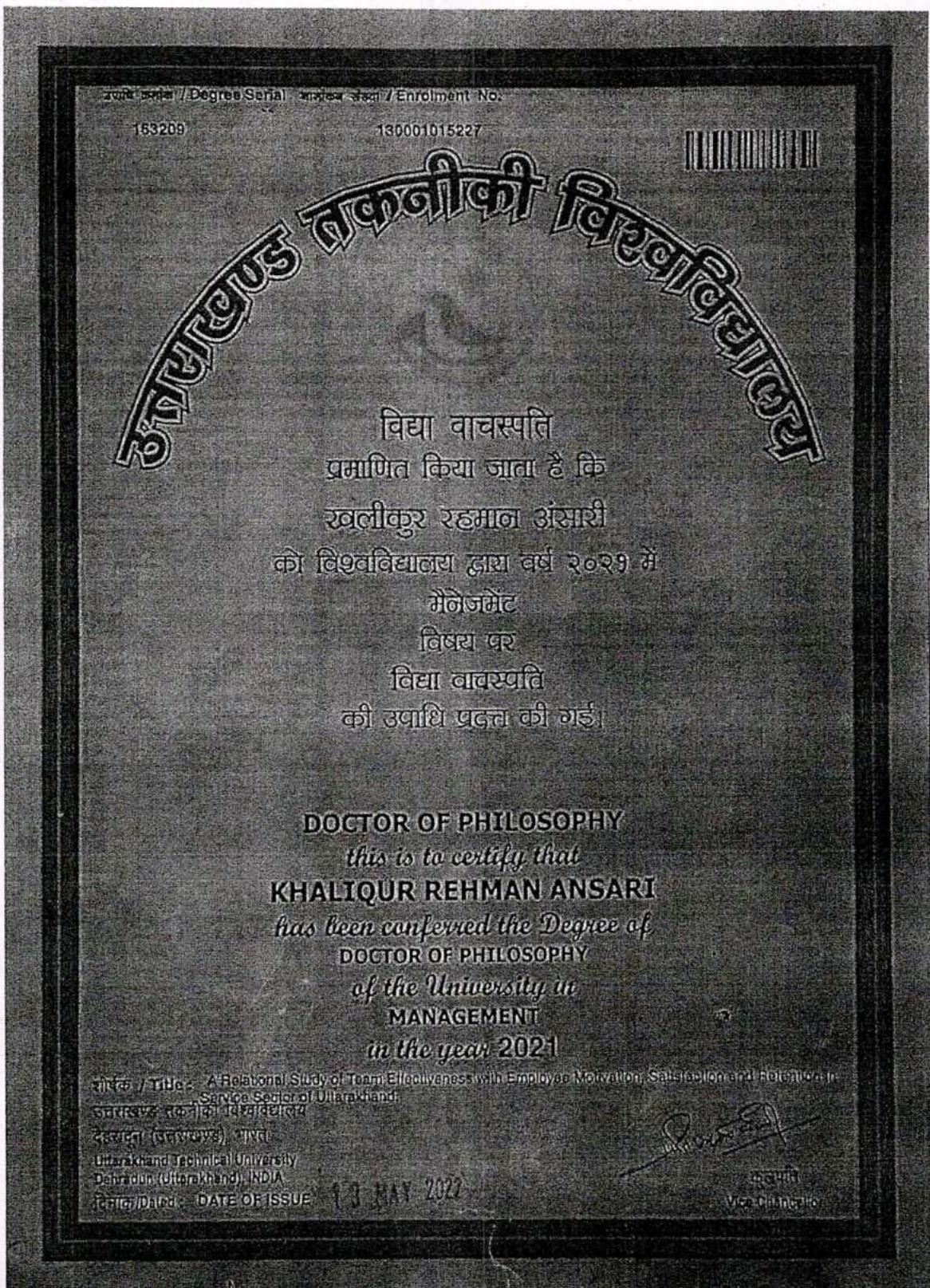
  
self  
Attested



  
 Director  
 Tuition Institute, Dehradun



39



Sect Attest  
KJ

Signature  
Director  
Tula's Institute, Dehradun

(40)



॥ ओ३म् ॥

**गुरुकुल कांगड़ी ( समविश्वविद्यालय ), हरिद्वार**  
 (नैक से "A" ग्रेड प्राप्त एवं यूनीवरिटी एक्ट 1956 के सेक्षन 3 के अन्तर्गत समविश्वविद्यालय )  
**Gurukula Kangri (Deemed to be University), Haridwar**  
 (NAAC "A" Grade Accredited Deemed to be University u/s 3 of UGC Act 1956 )

Ref. EXAM/ 3171

Date 18-03-2021

## PROVISIONAL CERTIFICATE

This is to certify that Mr. PAWAN JOSHI S/o Shri Balendra Prasad Joshi, Enrolment no. 16073 completed his Ph.D. in accordance with the provisions of the University Grants Commission (Minimum Standards and Procedures for Award of Ph.D. Degree) Regulation, 2009 on the topic "SOME MATHEMATICAL MODELS FOR OPTIMAL UTILIZATION IN GRID COMPUTING SYSTEMS" in the Mathematics subject. His viva voce examination was held on 16-03-2021. The Doctor of Philosophy (Ph.D.) degree will be conferred on him at the convocation.

REGISTRAR

Director  
Tulas Institute, Dehradun

Pawandeep Singh

# UTTARAKHAND TECHNICAL UNIVERSITY, DEHRADUN

No. 0394



## PROVISIONAL CERTIFICATE

### Ph.D. Degree

Certified that the Vice Chancellor, Chairman of the RDC has provisionally approved the award of Ph.D. Degree entitled "**Optimization of BTS Site Location using GIS**" to Ms. Shikha Tayal in the discipline of **ECE**, Enrollment No. **150001002072** as per ordinance of the University for Ph.D Programme. The Viva Voce/Ph.D Degree awarded, held vide Notification Ref. No. 11924/ Ph.D.-Viva/UTU/2022, Dated 03.06.2022, under the Supervision of **Prof. P.K. Garg, IIT Roorkee** and **Prof. Sandip Vijay, Tula's Inst. Dehradun**. 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.

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

Sr No.: UTU00000 22

Enrollment No. 140091004004

Degree No.: 2301000022



वीर माधो सिंह भण्डारी उत्तराखण्ड प्रौद्योगिकी विश्वविद्यालय, देहरादून  
VEER MADHO SINGH BHANDARI UTTARAKHAND TECHNICAL UNIVERSITY, DEHRADUN

## DOCTOR OF PHILOSOPHY

This is to certify that

PRADEEP KOTHIYAL

Has been conferred the Degree of  
DOCTOR OF PHILOSOPHY

of the University in Mechanical Engineering in the year 2022

### विद्या वाचस्पति

प्रमाणित किया जाता है कि

प्रदीप कोठियाल

को विश्वविद्यालय द्वारा वर्ष 2022 में मैक्रोनियरिंग विषय में  
विद्या वाचस्पति की उपाधि प्रदत्त की गई।

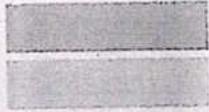
शीर्षक/ Title: Behavioural Characterization of [Al/Al<sub>2</sub>O<sub>3</sub>/Si<sub>3</sub>N<sub>4</sub>]p Nanocomposites.

वीर माधो सिंह भण्डारी उत्तराखण्ड प्रौद्योगिकी  
विश्वविद्यालय, देहरादून (उत्तराखण्ड), भारत

Veer Madho Singh Bhandari Uttarakhand Technical University,  
Dehradun (Uttarakhand), INDIA

(Formerly Uttarakhand Technical University Established by Act  
no. 415 of 2005 by Uttarakhand Government)

Date of issue



Director  
Tula's Institute, Dehradun



Vice Chancellor  
कुलपति

## Index

### Criterion No: 3.1.2

**Criterion Details:** Number of teachers recognized as research guides (latest completed academic year)

S. No.	Name of full time Teacher	Year of Recognition as Research Guide	Annexure No
1	Dr. Nishant Saxena	2020	Annexure-1
2	Dr. Sanjeev Kumar	2022	Annexure-2
3	Dr. Pavan Kumar Chaubey	2015	Annexure-3
4	Dr. Sandip Vijay	2012	Annexure-4
5	Dr. Raghav Garg	2023	Annexure-5
6	Dr. Anand Kumar Gupta	2023	Annexure-6

#### Vision

- To emerge as an academic centre producing world class professionals promoting innovation and research.

#### Mission:

- To promote intellectual and skilled human capital generation employment and entrepreneurship.
- To be educational centre of excellence of multi ethnicity and diversity.
- To establish as technology driven teaching learning institution.
- To provide world class platform for research and innovation.
- To inculcate social, environmental, heritage values.



# Graphic Era

HILL UNIVERSITY

Established by Act 12 of 2011 of the State Legislature of Uttarakhand

Society Area, Clement Town, Dehradun  
www.gehu.ac.in

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Dr. Nishant Saxena, from Tulas Institute, Dehradun is a Co Supervisor of the following two Research Scholar:

Sr. No.	Name of Student	Department	Date of Allotment of Supervisor/CoSupervisor
1.	Ms. Ayushi Jain	CSE	29/08/2020
2.	Ms. Deepti Negi	CSE	23/04/2021

Ph.D Coordinator,  
Graphic Era Hill Univ.(G.E.H.U)

Director  
Tula's Institute, Dehradun

Director  
Tula's Institute, Dehradun

Annexure 2

**139983-Approval of Co-Supervisor for Ph.D. Programme.**

1 message

Sat, Feb 24, 2024 at 4:03 PM

NIMS PHD <phd@nimsuniversity.org>  
To: Sanjeev Solanki <drsanjeevsolanki@gmail.com>  
Cc: kailashboori0@gmail.com, "Dr. S.P. Singh" <sp.singh@nimsuniversity.org>

**Dr. Sanjeev Kumar**

Professor  
Department of Computer Science & Engineering  
Tula's Institute, Dehradun  
Mehre Ka Gaon PO Selaqui Dhoolkot  
Dehradun Uttarakhand 248011  
Mobile: 7891124600  
Email ID: drsanjeevsolanki@gmail.com

Dear Dr. Kumar,

The Committee for Advance Studies and Research, Nims University Rajasthan, Jaipur has approved you as Co-Supervisor of **Mr. Kailash Chand Boori, (2022PHDCS029) Enrollment No. 139983, Batch: Aug. 2022** Ph.D. Scholar of this University in the subject of **Computer Science & Engineering**.

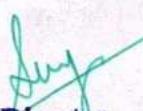
Your co-supervision and advice shall be helpful in maintaining the standard of education and research of Nims University Rajasthan, Jaipur.

**Concerned Scholar-**

Name: Mr. Kailash Chand Boori  
Scholar ID: 2022PHDCS029  
Mobile No: 9783181215,  
E-Mail: kailashboori0@gmail.com.

--  
Best Wishes,

**University Research Cell**  
Nims University Rajasthan, Jaipur  
Pin Code - 303121  
Mob. : 8505040160 / 9116010492 (O)  
E-mail : phd@nimsuniversity.org

  
Dr. S.P. Singh  
Director  
Tula's Institute, Dehradun

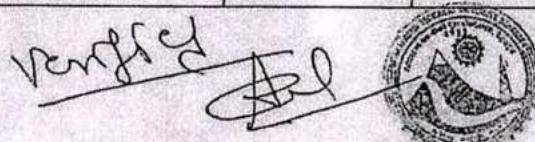


**UTTARAKHAND TECHNICAL UNIVERSITY, DEHRADUN**  
Address: Sudhuwala, P.O. Chandanwari, Prenagar, Dehradun – 248007  
Email: phd@ukttech.ac.in, Website: www.uktech.ac.in

Supervisor's Detail With Scholars						
S.No	Supervisor's Detail	Year of Recognition as Research guide	Name of the Scholars	SUPERVISOR/CO-SUPERVISOR	Year of Registration of the scholar	Title of the thesis of the scholar
1	DR. PRAHOD KUMAR, TULA'S INSTITUTE DHOKKOT, DEHRADUN	2016	VAISHALI GUPTA	SUPERVISOR	2017	Optimizing map reduce framework for IOT data processing
			RAJ KUMAR	SUPERVISOR	2017	Designing and implementation of lightweight security mechanisms for cloud based IoT
			KUMAR PAL SINGH	SUPERVISOR	2017	Design of an Efficient Data Security approach in Cloud Computing
			VIMAL KUMAR DWIVEDI	SUPERVISOR	2017	Detection and tracking of moving object in video surveillance system
			AATIF JAMSHED	SUPERVISOR	2016	Computer Science and Engineering [An Efficient Pattern Mining Approach for Progressive Databases]
2	DR. SANDIP VIJAY, DIRECTOR TULA'S INSTITUTE DHOKKOT, DEHRADUN	2012	SANDEEP KUMAR DUBEY	SUPERVISOR	2015	Data Model for Fault Diagnosis in Wireless Sensor Network Using Dynamic Method
			PANKAJ AGARWAL	SUPERVISOR	2015	Design and fabrication of flexible textile wearable antenna
			AMIT	SUPERVISOR	2015	Design and Fabrication of Antenna In Underwater Communication
			PRATIBHA	SUPERVISOR	2016	Real Time Image Coding and Transmission Over Wireless Multimedia Sensor Networks
			RENU	SUPERVISOR	2017	Design and Development of MEMS Vibrations Energy Harvester
			SHEENU AGARWAL	SUPERVISOR	2016	Performance improvement using efficient spectrum allocation techniques for secondary user in cognitive radio
			ARUNA BANSAL	SUPERVISOR	2017	Modeling and fabrication of MEMS Accelerometer
			ARIJU KUMAR	CO-SUPERVISOR	2015	Performance analysis of energy efficient infrastructure less networks
			PRASHANT BHATNAGAR	CO-SUPERVISOR	2017	Forecast study on utilization of MEMS technology for energy harvesting in Indian defence
			PRABHA SHANKAR SHARMA	CO-SUPERVISOR	2012	IDMA Implementation on Communication System
			MANIINDER KAUR	CO-SUPERVISOR	2017	A Hybrid Approach Of Underwater Image Processing For Species Classification
3	DR. PAVAN KUMAR CHAUHAY, TULA'S INSTITUTE DHOKKOT, DEHRADUN	2015	SHIKHA TAYAL	CO-SUPERVISOR	2015	Optimization of HTS Site Location using GIS
			RUCHI VARSHNEY	CO-SUPERVISOR	2017	Challenges in Massive MIMO systems
			MUKESH PATHELA	CO-SUPERVISOR	2013	Image transmission strategy over wireless channels
			VIVEK KUMAR GUPTA	CO-SUPERVISOR	2013	Complexity Minimization in ILLD Equalization for OFDM Based Wireless Systems
			PRASHANT KUMAR	SUPERVISOR	2015	Performance analysis improvement and optimization of technique used by Hadoop
			SIDDHARTH CHAUDHARY	CO-SUPERVISOR	2015	Professional key management design scheme for secure data access control in SWBS

Director

Tula's Institute, Dehradun



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

Dehradun



# HIMALAYIYA UNIVERSITY

(Established under the Himalayiya University Act, 2019, Uttarakhand Act No.-08 of 2019)

Ref. No. Dean-Research/2023/002

Date: 10/04/2023

## Office Order

To,

**Dr. Raghav Garg**  
Associate Professor  
Department of Computer Science and Engineering  
Tula's Institute  
Dehradun

### Subject: Regarding Allotment of Research Scholar/Scholars

Sir/Ma'am,

The University is pleased to intimate you the following approved research scholars for guiding research – work under your able co-supervision in the subject **Computer Science & Engineering.**

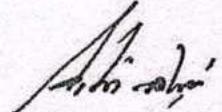
S.No.	Registration No.	Scholar Name	Topic
1	HU/Res./CSE - 21/139'	Brajendra Kumar Sharma	An Investigation into Applications of Educational Data Mining and Machine Learning Analytics

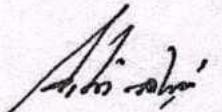
**Copy To**

1. The Vice Chancellor, for information please
2. Record File

Tula's Institute, Dehradun

Director

  
**Dr. S.K. Srivastava**  
Dean – Research

  
**Dr. S.K. Srivastava**  
Dean – Research



# HIMALAYIYA UNIVERSITY

(Established under the Himalayiya University Act, 2019, Uttarakhand Act No.-08 of 2019)

Ref. No. Dean-Research/2023/002

Date: 10/04/2023

## Office Order

To,

**Dr. Anand Kumar Gupta**  
Associate Professor & HOD  
Department of Computer Science and Engineering  
Tula's Institute  
Dehradun

### Subject: Regarding Allotment of Research Scholar/Scholars

Sir/Ma'am,

The University is pleased to intimate you the following approved research scholars for guiding research – work under your able co-supervision in the subject **Computer Science & Engineering.**

S.No.	Registration No.	Scholar Name	Topic
1	HU/Res./CSE-21/114	Rakesh Kumar	Potato Leaf Disease Recognition Using Machine Learning

#### Copy To

1. The Vice Chancellor, for information please
2. Record File

*Director*  
*Tula's Institute, Dehradun*

*Shri S.K. Srivastava*  
Dean – Research

*Shri S.K. Srivastava*  
Dean – Research