



University Of Petroleum & Energy Studies



The Board of Governors of the University

On the Recommendation of the Academic Council

And by Virtue of the Authority Vested in Them

Have Conferred upon

Krishna Nirmalya Sen

*The Degree of Doctor of Philosophy
(Health, Safety and Environmental Engineering)*

The Subject on which he / she presented a thesis for the Degree was :-

**A Study on Accident Prevention and Control
Measures at Construction Works through
Implementation of Engineering Intervention
Programmes**

In Testimony whereof, the Seal of the University and

the Signature of its Officers are hereunto Affixed

on this 24th Day of November, 2018



DW
VICE CHANCELLOR



PLACE : DEHRADUN

Mode of Delivery : Regular

S. J. Chopra
CHANCELLOR



University Of Petroleum & Energy Studies



The Board of Governors of the University

*On the Recommendation of the Academic Council
And by Virtue of the Authority Vested in Them
Have Conferred upon*

Shveta Soam

*The Degree of Doctor of Philosophy
(Chemical Engineering)*

The Subject on which he / she presented a thesis for the Degree was :-

Life Cycle Assessment of Biofuels in India

*In Testimony whereof, the Seal of the University and
the Signature of its Officers are hereunto Affixed*

on this 24th Day of November, 2018



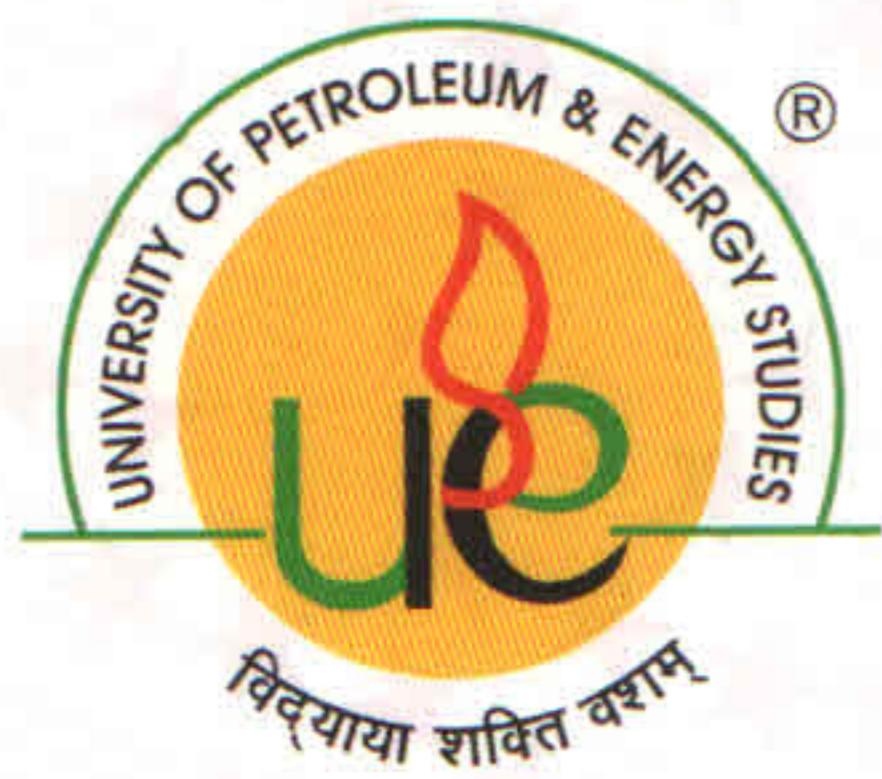
VICE CHANCELLOR

D.S. Chauhan

PLACE : DEHRADUN

Mode of Delivery :Regular

S. J. Chopra
CHANCELLOR



University Of Petroleum & Energy Studies



The Board of Governors of the University

On the Recommendation of the Academic Council

And by Virtue of the Authority Vested in Them

Have Conferred upon

SUNITHA K.K

*The Degree of Doctor of Philosophy
(Law)*

The Subject on which he / she presented a thesis for the Degree was:-

Civil Liability for Deficiency in Medical Services with Special Reference to Surgical Treatments: A Critique of Consumer Protection Act, 1986

In Testimony whereof, the Seal of the University and

the Signature of its Officers are hereunto Affixed

on this 12th Day of June, 2017



Aadhaar No.: 365157213395



VICE CHANCELLOR

PLACE: DEHRADUN

Mode of Delivery: Regular

S. J. Chopra
CHANCELLOR



पेट्रोलियम एवं ऊर्जा अध्ययन विश्वविद्यालय



विश्वविद्यालय का व्यक्तिगत मण्डल,
विद्या परिषद् की अनुशंसा पर और
उनमें निहित प्राधिकार के नाते

सुनीथा के. के

को
लॉ में

विद्या-वाचस्पति की उपाधि प्रदान करता है
उक्त उपाधि के लिए आपने निम्नांकित विषय पर शोध प्रबन्ध प्रस्तुत किया :-

सिविल लायबिलिटी फॉर डेफिशियेंसी इन मेडिकल सर्विसेज विद स्पेशल रेफरेन्स टू सर्जिकल
ट्रीटमेंटस : ए क्रिटीक ऑफ़ कंज्यूमर प्रोटेक्शन एक्ट , १९८६

इसके प्रमाणस्वरूप विश्वविद्यालय की मुहर और
उसके अधिकारियों के हस्ताक्षर
नीचे अंकित किए जाते हैं।
आज दिनांक १२ जून, २०१७



आधार नंबर : 365157213395

कुलपति

स्थान : देहरादून
अध्ययन प्रणाली : नियमित

कुलाधिपति



पेट्रोलियम एवं ऊर्जा अध्ययन विश्वविद्यालय



विश्वविद्यालय का व्यवस्थापक मण्डल,
विद्या परिषद् की अनुशंसा पर और
उनमें निहित प्राधिकार के नाते

राकेश कुमार चौहान

को
पावर मैनेजमेंट में

विद्या-वाचस्पति की उपाधि प्रदान करता है

उक्त उपाधि के लिए आपने निम्नांकित विषय पर शोध प्रबन्ध प्रस्तुत किया :-

डैवलपमेंट ऑफ़ एजिज़क्यूशन मॉडल फोर न्यूक्लीयर एनर्जी सेक्टर प्रोजेक्टस एजिज़क्यूटेड बाइ
गवर्नरमेंट ऑफ़ इंडिया इंस्टिट्यूशंस

इसके प्रमाणस्वरूप विश्वविद्यालय की मुहर और
उसके अधिकारियों के हस्ताक्षर
नीचे अंकित किए जाते हैं।
आज दिनांक १२ जून, २०१७



आधार नंबर : 563918717127

कृति

स्थान : देहरादून
अध्ययन प्रणाली : नियमित

Dr. J. Anup
कुलाधिपति

Enrollment No. / Roll No.	500016015 ପ୍ରକାଶ ମାର୍ଗ ନିର୍ଦ୍ଦିଷ୍ଟ ପତ୍ର ନାମେ ଲାଖୁଜାହାରୀଙ୍କ ପାଇଁ ଲାଖୁଜାହାରୀଙ୍କ ପାଇଁ
Verified by ପ୍ରାଣ ପାତ୍ର କି ଜୀବନିନ୍ଦରୀ ମନ୍ଦରାମାର କାଳେ	 Abhijeet Bhattacharya.
Prepared by ପରିଚାରକ କାମକାଳୀଙ୍କ ସମ୍ପଦରେ ଉପରେ ଲାଖୁଜାହାରୀଙ୍କ ପାଇଁ	 Sudhanush

સુરામ. ટ. ૨
સીરાઅંગલ



University Of Petroleum & Energy Studies



The Board of Governors of the University

On the Recommendation of the Academic Council

And by Virtue of the Authority Vested in Them

Have Conferred upon

Rakesh Kumar Chauhan

The Degree of Doctor of Philosophy (Power Management)

The Subject on which he / she presented a thesis for the Degree was:-

Development of Execution Model for Nuclear Energy Sector Projects Executed by Government of India Institutions

In Testimony whereof, the Seal of the University and

the Signature of its Officers are hereunto Affixed

on this 12th Day of June, 2017



Aadhaar No.: 563918717127

1

VICE CHANCELLOR

PLACE: DEHRADUN

Mode of Delivery: Regular

S. J. Anhe
CHANCELLOR

University Of Petroleum & Earth Sciences



The Board of Governors of the University

On the Recommendation of the Academic Council

And at the instance of the Authority seated in New

Delhi
Has conferred upon

RAKESH KUMAR CHAHUAN

The Degree of Doctor of Philosophy

Enrollment No. / *(Former Matriculation)* 500016015
Roll No. *(Former Matriculation)*

Verified by *A. Bhatnagar*
Development of Education Wing, Sector 10
Government of Punjab Institutions

Prepared by *Sudhanshu*

on the 12th Day of June, 2013



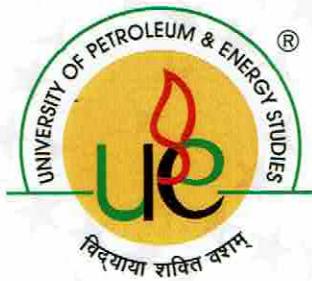
Admission No.: 563018713125

C. S. Chahuan
CHANCELLOR

PLACE: DEHRADUN

Mode of Delivery: Regular

VICE CHANCELLOR
[Signature]



University Of Petroleum & Energy Studies



The Board of Governors of the University

On the Recommendation of the Academic Council

And by Virtue of the Authority Vested in Them

Have Conferred upon

SIDDHARTH LAVANIA

*The Degree of Doctor of Philosophy
(Computer Science and Engineering)*

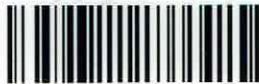
The Subject on which he / she presented a thesis for the Degree was:-

*Application of Evolutionary Algorithm to find the trade -off between Complexity of Software
and its Deliverability*

In Testimony whereof, the Seal of the University and

the Signature of its Officers are hereunto Affixed

on this 12th Day of June, 2017



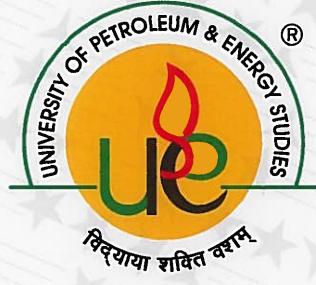
Aadhaar No.: 580469060494

VICE CHANCELLOR

PLACE: DEHRADUN

Mode of Delivery: Regular

S. J. Chopra
CHANCELLOR



University Of Petroleum & Energy Studies



The Board of Governors of the University

On the Recommendation of the Academic Council

And by Virtue of the Authority Vested in Them

Have Conferred upon

SASIDHARAN ADIYODI K

*The Degree of Doctor of Philosophy
(Petroleum Engineering)*

The Subject on which he / she presented a thesis for the Degree was:-

Study of Pipeline Pigging Operations During Multiphase Flow Through an Innovative Experimental By-Pass Pig Model

In Testimony whereof, the Seal of the University and

the Signature of its Officers are hereunto Affixed

on this 12th Day of June, 2017



Aadhaar No.: 722909253435

1

VICE CHANCELLOR

PLACE: DEHRADUN

Mode of Delivery: Regular

S. T. Chopra
CHANCELLOR



University Of Petroleum & Energy Studies



The Board of Governors of the University

On the Recommendation of the Academic Council

And by Virtue of the Authority Vested in Them

Have Conferred upon

RAVI KUMAR DIXENA

*The Degree of Doctor of Philosophy
(Chemistry)*

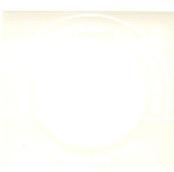
The Subject on which he / she presented a thesis for the Degree was:-

Study on the Application of Additive Systems in Polymeric Lubricating Greases

In Testimony whereof, the Seal of the University and

the Signature of its Officers are hereunto Affixed

on this 12th Day of June, 2017



Aadhaar No.: 398237308142

VICE CHANCELLOR

PLACE: DEHRADUN

Mode of Delivery: Regular

CHANCELLOR

Enrollment No. / Roll No.	500012627
Verified by	 Abhijit Acharya.
Prepared by	 <u>Sudhanshu</u>



पेट्रोलियम एवं ऊर्जा अध्ययन विश्वविद्यालय



विश्वविद्यालय का व्यवस्थापक मण्डल,
विद्या परिषद् की अनुशंसा पर और
उनमें निहित प्राधिकार के नाते

रवि कुमार डिक्सेना

को
कैमिस्ट्री में

विद्या-वाचस्पति की उपाधि प्रदान करता है

उक्त उपाधि के लिए आपने निम्नांकित विषय पर शोध प्रबन्ध प्रस्तुत किया :-

स्टडी ऑन द एप्लिकेशन ऑफ़ एडिटिव सिस्टम्स इन पॉलिमरिक ल्युब्रिकेटिंग ग्रीसेस

इसके प्रमाणस्वरूप विश्वविद्यालय की मुहर और
उसके अधिकारियों के हस्ताक्षर
नीचे अंकित किए जाते हैं।
आज दिनांक १२ जून, २०१७



आधार नंबर : 398237308142

कृत्तिः
कुलपति

स्थान : देहरादून
अध्ययन प्रणाली : नियमित

S.J. Dixit
कुलाधिपति

ਫੁ ਸਾਡੀਂ ਨਾਡਾਂ ਵਿਚ ਚਲਾਉਣੀ



ਪੰਜਾਬ ਦੇ ਕਿਸ਼ਾਵਾਂ ਦੀ ਸਾਡੀਂ

ਅਤੇ ਪ੍ਰਾਚੀਨ ਮਾਡਲ ਕਿ ਟ੍ਰਾਂਸਪ੍ਰੈਂਸੀ

ਵਿਖੇ ਦੀ ਗਤੀਸ਼ੀਲ ਹਤਾਹੀ ਸਿੱਖਿ

ਪੰਜਾਬੀ ਸਾਡੀ ਸਿੱਖਿ

ਕਿ

ਨਿਕਾਲਿਕ

ਪੰਜਾਬ ਨਿਕਾਲ ਵਿਖੇ ਕਿ ਸਿਆਨ-ਵਾਲੀ
ਅਤੇ ਸਾਡੀ ਵੇਖੀ ਵਿਖੇ ਜਾਂ ਪ੍ਰ ਏਤੀ ਨਕਾਰਾਂ ਵਿਖੇ ਯਾਂ ਕਿ ਵਿਖੇ ਵਿਖੇ

Enrollment No. / Roll No.	500012627
Verified by	<i>A. B. Dhadialya</i> ਪੰਜਾਬ ਦੀ ਸਾਡੀਂ ਵਿਖੇ ਵਿਖੇ ਵਿਖੇ
Prepared by	<i>Sudhanshu</i> ਪੰਜਾਬ ਦੀ ਸਾਡੀਂ ਵਿਖੇ

ਪੰਜਾਬ ਵਿਖੇ ਵਿਖੇ ਵਿਖੇ

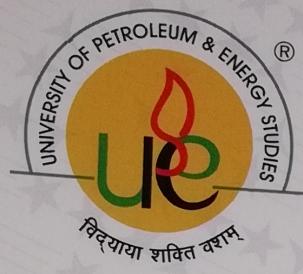


ਕਿਸ਼ਾਵਾਂ
ਪੰਜਾਬੀ

ਨਾਡਾਂ : ਸਾਡੀ

ਨਾਡਾਂ : ਸਾਡੀ ਵਿਖੇ

ਨੀਪਨਾਲੁ
ਨੀਪਨਾਲੁ



University Of Petroleum & Energy Studies



The Board of Governors of the University

*On the Recommendation of the Academic Council
And by Virtue of the Authority Vested in Them
Have Conferred upon*

MANSI GUPTA

*The Degree of Doctor of Philosophy
(Environmental Science)*

The Subject on which he / she presented a thesis for the Degree was:-

A study of Risk Factors of Hypertension among Adult Males in Semi -Urban Environment of Pune, India

*In Testimony whereof, the Seal of the University and
the Signature of its Officers are hereunto Affixed*

on this 12th Day of June, 2017



Aadhaar No.: 524420521846

A handwritten signature of the Vice Chancellor.

VICE CHANCELLOR

PLACE: DEHRADUN

Mode of Delivery: Regular

A handwritten signature of the Chancellor.

S. T. Chopra
CHANCELLOR



University Of Petroleum & Energy Studies



The Board of Governors of the University

On the Recommendation of the Academic Council

And by Virtue of the Authority Vested in Them

Have Conferred upon

RAJESH SINGH

The Degree of Doctor of Philosophy

(Electronics Engineering)

The Subject on which he / she presented a thesis for the Degree was:-

Remote Dynamic Control for Non-Linear System

In Testimony whereof, the Seal of the University and

the Signature of its Officers are hereunto Affixed

on this 12th Day of June, 2017



Aadhaar No.: 976008594920

A handwritten signature of the Vice Chancellor.

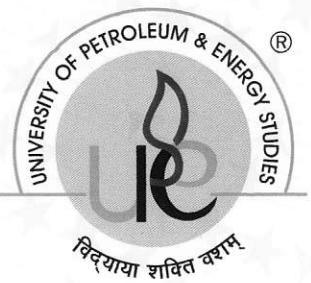
VICE CHANCELLOR

PLACE: DEHRADUN

Mode of Delivery: Regular

A handwritten signature of the Chancellor.

CHANCELLOR



University Of Petroleum & Energy Studies



The Board of Governors of the University

On the Recommendation of the Academic Council

And by Virtue of the Authority Vested in Them

Have Conferred upon

SUBIRBIKAS MITRA

*The Degree of Doctor of Philosophy
(Oil and Gas Management)*

The Subject on which he / she presented a thesis for the Degree was:-

Human Resource Strategy Formulation and Practices: A Case Study in a Large Gas Utility Company in India

*In Testimony whereof, the Seal of the University and
the Signature of its Officers are hereunto Affixed*

on this 12th Day of June, 2017



VICE CHANCELLOR

Aadhaar No.: 614222872297

PLACE: DEHRADUN

Mode of Delivery: Regular

CHANCELLOR



STATE UNIVERSITY OF MYSORE FEE RECEIPT

The Board of Examination of the Mysore University
of the Government of the Mysore State Council
Bank of India of the Mysore City in Mysore
Mysore University

SUBIRIKAS MITRA

Enrollment No. / Roll No.	500024454
Verified by	<i>A. Belottacharya</i>
Prepared by	<i>Sudhanshu</i>



Admission No.: 8145585555

J. C. Chaitanya
CHANCELLOR

PRINCIPAL

Name of Student: Raghav

VICE CHANCELLOR



University Of Petroleum & Energy Studies



The Board of Governors of the University

On the Recommendation of the Academic Council

And by Virtue of the Authority Vested in Them

Have Conferred upon

ANANDA V KUMAR

The Degree of Doctor of Philosophy

(Power Management)

The Subject on which he / she presented a thesis for the Degree was:-

Constituents of the Domain Specific Cyber Security Mandate for the Indian Power Sector

*In Testimony whereof, the Seal of the University and
the Signature of its Officers are hereunto Affixed*

on this 12th Day of June, 2017



Aadhaar No.: 829584168829



University Of Petroleum & Energy Studies



The Board of Governors of the University

On the Recommendation of the Academic Council

And by Virtue of the Authority Vested in Them

Have Conferred upon

VENKATESWARAN PS

The Degree of Doctor of Philosophy

(Nano-Technology)

The Subject on which he / she presented a thesis for the Degree was:-

Optofluidic Microviscometer (OMV) for Measuring Adulteration and Blending in Fluids

In Testimony whereof, the Seal of the University and

the Signature of its Officers are hereunto Affixed

on this 12th Day of June, 2017



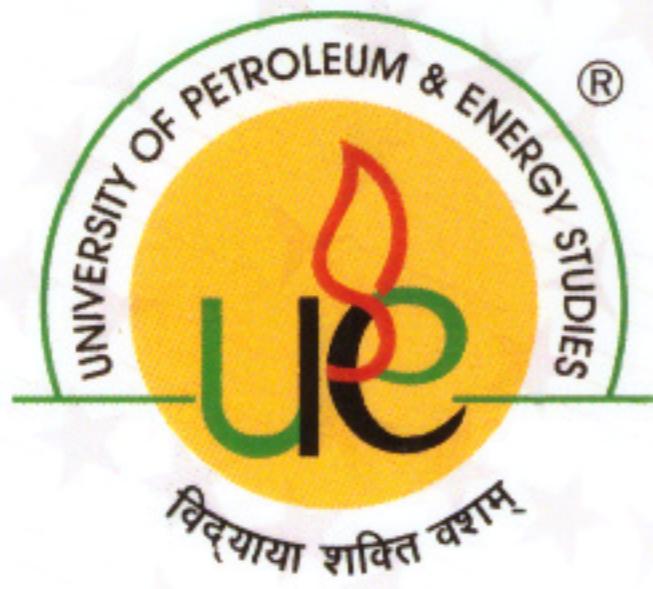
Aadhaar No.: 461707704065

VICE CHANCELLOR

PLACE: DEHRADUN

Mode of Delivery: Regular

S.J. Chopra
CHANCELLOR



University Of Petroleum & Energy Studies



The Board of Governors of the University

On the Recommendation of the Academic Council

And by Virtue of the Authority Vested in Them

Have Conferred upon

T NAGESH

The Degree of Doctor of Philosophy

(Information Systems Management)

The Subject on which he / she presented a thesis for the Degree was:-

**Knowledge Management & Innovation Culture and Its Impact on Business Performance - A
Study of Indian IT Organizations**

In Testimony whereof, the Seal of the University and

the Signature of its Officers are hereunto Affixed

on this 12th Day of June, 2017



VICE CHANCELLOR

PLACE: DEHRADUN

Passport No.: J7414479

CHANCELLOR

Mode of Delivery: Regular



University Of Petroleum & Energy Studies



The Board of Governors of the University

On the Recommendation of the Academic Council

And by Virtue of the Authority Vested in Them

Have Conferred upon

AMIT KUMAR SHARMA

*The Degree of Doctor of Philosophy
(Chemistry)*

The Subject on which he / she presented a thesis for the Degree was:-

Biofuels from Microalgae: Cultivation, Biodiesel Production and Storage Feasibility

*In Testimony whereof, the Seal of the University and
the Signature of its Officers are hereunto Affixed*

on this 12th Day of June, 2017



Aadhaar No.: 339747546315

A handwritten signature of the Vice Chancellor.

VICE CHANCELLOR

PLACE: DEHRADUN

A handwritten signature of the Chancellor.

CHANCELLOR



University Of Petroleum & Energy Studies



The Board of Governors of the University

On the Recommendation of the Academic Council

And by Virtue of the Authority Vested in Them

Have Conferred upon

MONIT KAPOOR

*The Degree of Doctor of Philosophy
(Computer Science and Engineering)*

The Subject on which he / she presented a thesis for the Degree was:-

An Efficient Technique for Route Maintenance and Node Mobility Management in Sparsely Deployed Mobile Adhoc Networks

*In Testimony whereof, the Seal of the University and
the Signature of its Officers are hereunto Affixed*

on this 12th Day of June, 2017



Aadhaar No.: 574032323220

A handwritten signature of the Vice Chancellor.

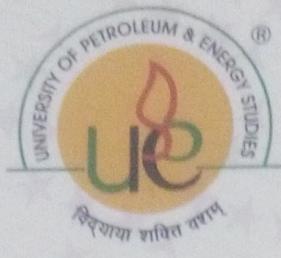
VICE CHANCELLOR

PLACE: DEHRADUN

Mode of Delivery: Regular

A handwritten signature of the Chancellor.

CHANCELLOR



University Of Petroleum & Energy Studies



The Board of Governors of the University

On the Recommendation of the Academic Council

And by Virtue of the Authority Vested in Them

Have Conferred upon

RAMALLA ISAAC

The Degree of Doctor of Philosophy

(Electrical Engineering)

The Subject on which he / she presented a thesis for the Degree was:-

Study of Di-Electric Properties of Porcelain Insulator with Nano Structured Super-Hydrophobic Coating

In Testimony whereof, the Seal of the University and

the Signature of its Officers are hereunto Affixed

on this 12th Day of June, 2017



Aadhaar No.: 894039611038

VICE CHANCELLOR

PLACE: DEHRADUN

Mode of Delivery: Regular

CHANCELLOR



University Of Petroleum & Energy Studies



The Board of Governors of the University

On the Recommendation of the Academic Council

And by Virtue of the Authority Vested in Them

Have Conferred upon

UNNIKRISHNAN G

The Degree of Doctor of Philosophy

(Health, Safety and Environmental Science)

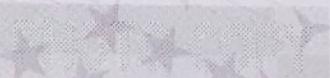
The Subject on which he / she presented a thesis for the Degree was:-

Evaluation of Bayesian Networks for Risk Assessment of Major Hazards in Oil and Gas Facilities

In Testimony whereof, the Seal of the University and

the Signature of its Officers are hereunto Affixed

on this 12th Day of June, 2017

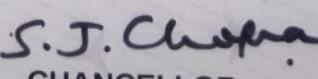


Aadhaar No.: 621674355669


VICE CHANCELLOR

PLACE: DEHRADUN

Mode of Delivery: Regular


S.J. Chandra
CHANCELLOR



University Of Petroleum & Energy Studies



The Board of Governors of the University

On the Recommendation of the Academic Council

And by Virtue of the Authority Vested in Them

Have Conferred upon

NARENDRA KUMAR

*The Degree of Doctor of Philosophy
(Oil and Gas Management)*

The Subject on which he / she presented a thesis for the Degree was:-

Developing conceptual framework for establishment of Natural Gas Storage for City Gas Distribution in India

*In Testimony whereof, the Seal of the University and
the Signature of its Officers are hereunto Affixed*

on this 12th Day of June, 2017

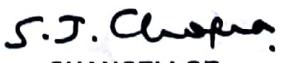


Aadhaar No.: 908908265368


VICE CHANCELLOR

PLACE: DEHRADUN

Mode of Delivery: Regular


CHANCELLOR



University Of Petroleum & Energy Studies



The Board of Governors of the University

On the Recommendation of the Academic Council

And by Virtue of the Authority Vested in Them

Have Conferred upon

GANESH VISHWAKARMA

The Degree of Doctor of Philosophy

(Logistics and Supply Chain Management)

The Subject on which he / she presented a thesis for the Degree was:-

Identifying Project Risk Factors Affecting Project Cost Performance in Steel Industry: An Indian Perspective

In Testimony whereof, the Seal of the University and

the Signature of its Officers are hereunto Affixed

on this 12th Day of June, 2017



Aadhaar No.: 236293691523

VICE CHANCELLOR

PLACE: DEHRADUN

Mode of Delivery: Regular

S. J. Chopra
CHANCELLOR



University Of Petroleum & Energy Studies



The Board of Governors of the University

On the Recommendation of the Academic Council

And by Virtue of the Authority Vested in Them

Have Conferred upon

P.L.L. ANNAPURNA

The Degree of Doctor of Philosophy

(General Management)

The Subject on which he / she presented a thesis for the Degree was:-

*Use of Figures of Speech in the Contemporary Advertisements of Automobile Industry and
its Impact on the Consumer Recall Factor*

In Testimony whereof, the Seal of the University and

the Signature of its Officers are hereunto Affixed

on this 12th Day of June, 2017



Aadhaar No.: 215558367336

VICE CHANCELLOR

PLACE: DEHRADUN

Mode of Delivery: Regular

S. J. Aurora
CHANCELLOR



University Of Petroleum & Energy Studies



The Board of Governors of the University

On the Recommendation of the Academic Council

And by Virtue of the Authority Vested in Them

Have Conferred upon

DURGANSH

The Degree of Doctor of Philosophy

(Computer Science)

The Subject on which he / she presented a thesis for the Degree was:-

Energy Efficient Resource Optimized Digital Watermarking Scheme for Mobile Devices

In Testimony whereof, the Seal of the University and

the Signature of its Officers are hereunto Affixed

on this 12th Day of June, 2017



Aadhaar No.: 821798188963


VICE CHANCELLOR

PLACE: DEHRADUN

Mode of Delivery: Regular


CHANCELLOR



पेट्रोलियम एवं ऊर्जा अध्ययन विश्वविद्यालय



विश्वविद्यालय का व्यवस्थापक मण्डल,
विद्या परिषद की अनुशंसा पर और
उनमें निहित प्राधिकार के नाते

दुर्गाश

को

कंप्यूटर साइंस में

विद्या-वाचस्पति की उपाधि प्रदान करता है
उक्त उपाधि के लिए आपने निम्नांकित विषय पर शोध प्रबन्ध प्रस्तुत किया :-

एनर्जी एफिशिएंट रिसोर्स ऑप्टीमाइज़ेड डिजिटल वॉटरमार्किंग रकीम फॉर मोबाइल डिवाइसेस

इसके प्रमाणस्वरूप विश्वविद्यालय की मुहर और
उसके अधिकारियों के हस्ताक्षर
नीचे अंकित किए जाते हैं।
आज दिनांक १२ जून, २०१७

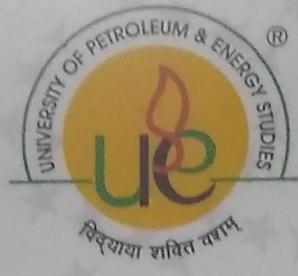


आधार नंबर : 821798188963

कुलपति

स्थान : देहरादून
अध्ययन प्रणाली : नियमित

S. J. Choudhury
कुलाधिपति



University Of Petroleum & Energy Studies



The Board of Governors of the University

On the Recommendation of the Academic Council

And by Virtue of the Authority Vested in Them

Have Conferred upon

SHIV KUMAR VABBINA

*The Degree of Doctor of Philosophy
(Chemistry)*

The Subject on which he / she presented a thesis for the Degree was:-

*Synergism for Thermal Stability and Oxidation Inhibition, Performance Attributes in
Engine Oils*

In Testimony whereof, the Seal of the University and

the Signature of its Officers are hereunto Affixed

on this 12th Day of June, 2017



Aadhaar No.: 477742953260

VICE CHANCELLOR

PLACE: DEHRADUN

Mode of Delivery: Regular

CHANCELLOR



University Of Petroleum & Energy Studies



The Board of Governors of the University

*On the Recommendation of the Academic Council
And by Virtue of the Authority Vested in Them*

Have Conferred upon

AJIT KAUSHAL

*The Degree of Doctor of Philosophy
(Law)*

The Subject on which he / she presented a thesis for the Degree was:-

Conflicts in Global Currency Regulations: The Case of Chinese Currency Devaluation Policy

*In Testimony whereof, the Seal of the University and
the Signature of its Officers are hereunto Affixed*

on this 12th Day of June, 2017

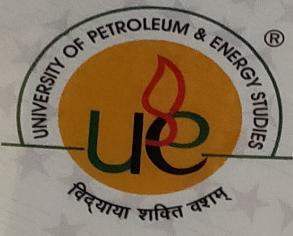


Aadhaar No.: 388601969440

VICE CHANCELLOR

PLACE: DEHRADUN

CHANCELLOR



University Of Petroleum & Energy Studies



The Board of Governors of the University

On the Recommendation of the Academic Council

And by Virtue of the Authority Vested in Them

Have Conferred upon

ABHIJIT SINGH

*The Degree of Doctor of Philosophy
(Port and Shipping Management)*

The Subject on which he / she presented a thesis for the Degree was:-

*Hazards Identification and Safety Management Practices for Major Hazards in Routine
Ship Towage Operation in Indian Coastal Waters*

*In Testimony whereof, the Seal of the University and
the Signature of its Officers are hereunto Affixed*

on this 12th Day of June, 2017



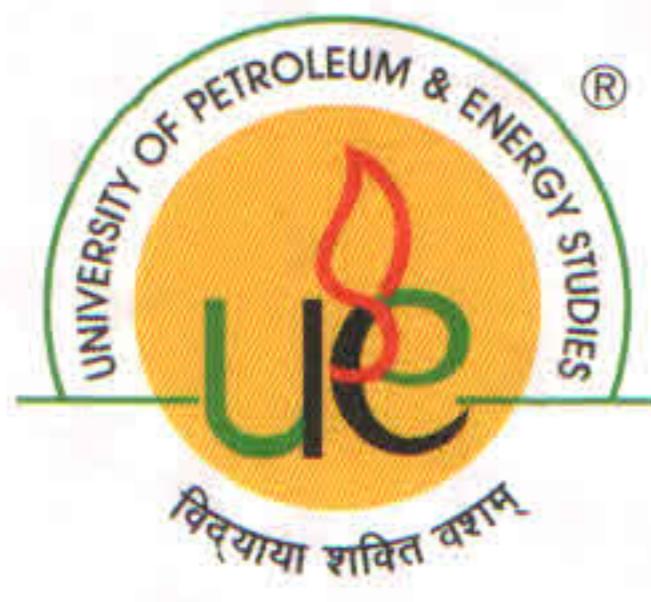
Aadhaar No.: 821601537255

VICE CHANCELLOR

PLACE: DEHRADUN

Mode of Delivery: Regular

S. J. Chandra
CHANCELLOR



University Of Petroleum & Energy Studies



The Board of Governors of the University

On the Recommendation of the Academic Council

And by Virtue of the Authority Vested in Them

Have Conferred upon

DHARMPAL SINGH

*The Degree of Doctor of Philosophy
(Aviation Management)*

The Subject on which he / she presented a thesis for the Degree was:-

Impact Assessment of Airport Economic Regulation and Privatization of Indian Airport's Performance

*In Testimony whereof, the Seal of the University and
the Signature of its Officers are hereunto Affixed*

on this 12th Day of June, 2017



Aadhaar No.: 651115678491

A handwritten signature of the Vice Chancellor, which appears to be "S. J. Chopra".

VICE CHANCELLOR

PLACE: DEHRADUN

Mode of Delivery: Regular

A handwritten signature of the Chancellor, which appears to be "S. J. Chopra".

CHANCELLOR



पेट्रोलियम एवं ऊर्जा अध्ययन विश्वविद्यालय



विश्वविद्यालय का व्यवस्थापक मण्डल,
विद्या परिषद् की अनुशंसा पर और
उनमें निहित प्राधिकार के नाते

धर्मपाल सिंह

को
एविएशन मैनेजमेंट में

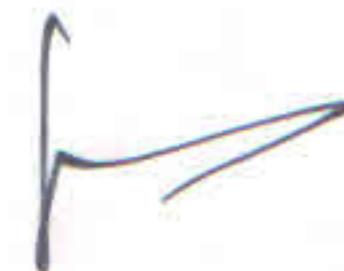
विद्या-वाचस्पति की उपाधि प्रदान करता है
उक्त उपाधि के लिए आपने निम्नांकित विषय पर शोध प्रबन्ध प्रस्तुत किया :-

इम्पैक्ट असेसमेंट ऑफ़ एयरपोर्ट इकोनॉमिक रेगुलेशन एंड प्राइवेटाइजेशन ऑफ़ इंडियन
एयरपोर्ट्स परफारमेंस

इसके प्रमाणस्वरूप विश्वविद्यालय की मुहर और
उसके अधिकारियों के हस्ताक्षर
नीचे अंकित किए जाते हैं।
आज दिनांक १२ जून, २०१७



आधार नंबर : 651115678491


कुलपति

स्थान : देहरादून
अध्ययन प्रणाली : नियमित

S. J. Chopra
कुलाधिपति



University Of Petroleum & Energy Studies



The Board of Governors of the University

On the Recommendation of the Academic Council

And by Virtue of the Authority Vested in Them

Have Conferred upon

DEEPAK KUMAR

The Degree of Doctor of Philosophy

(Mechanical Engineering)

The Subject on which he / she presented a thesis for the Degree was:-

Experimental Investigation on performance and emission characteristics of direct injection diesel engine operating on dual fuel mode with Polanga based Biodiesel and Ethanol

In Testimony whereof, the Seal of the University and

the Signature of its Officers are hereunto Affixed

on this 12th Day of June, 2017



Aadhaar No.: 446214603545



VICE CHANCELLOR

PLACE: DEHRADUN

Mode of Delivery: Regular

S. J. Choudhury
CHANCELLOR



University Of Petroleum & Energy Studies



The Board of Governors of the University

On the Recommendation of the Academic Council

And by Virtue of the Authority Vested in Them

Have Conferred upon

B . SABITHA

*The Degree of Doctor of Philosophy
(Marketing Management)*

The Subject on which he / she presented a thesis for the Degree was:-

Consumer's Willingness to Purchase Green Home Appliances

*In Testimony whereof, the Seal of the University and
the Signature of its Officers are hereunto Affixed*

on this 12th Day of June, 2017

PHOTO COPY



Aadhaar No.: 243748283396

A handwritten signature of the Vice Chancellor.

VICE CHANCELLOR

PLACE: DEHRADUN

Mode of Delivery: Regular

A handwritten signature of the Chancellor.

CHANCELLOR



पेट्रोलियम एवं ऊर्जा अध्ययन विश्वविद्यालय



विश्वविद्यालय का व्यवस्थापक मण्डल,
विद्या परिषद् की अनुशंसा पर और
उनमें निहित प्राधिकार के नाते

शिवा प्रसाद पेंके

को

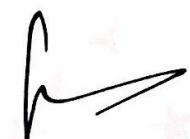
हैल्थ, सेफ्टी एंड एनवार्नमेंटल साइंस में
विद्या-वाचस्पति की उपाधि प्रदान करता है
उक्त उपाधि के लिए आपने निम्नांकित विषय पर शोध प्रबन्ध प्रस्तुत किया :-

रटडी ऑफ़ ऐक्सडेंट पैटर्न्स इन ऑफ़ल एंड गैस इंडस्ट्री (अपर्ट्रीम) एंड वेरिफ़िकेशन विद
ऐक्सडेंट कॉजेशन मॉडल्स

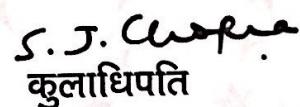
इसके प्रमाणस्वरूप विश्वविद्यालय की मुहर और
उसके अधिकारियों के हस्ताक्षर
नीचे आंकित किए जाते हैं।
आज दिनांक १२ जून, २०१७



आधार नंबर : 869934554071


कलपति

स्थान : देहरादून

S. J. 
कुलाधिपति



University Of Petroleum & Energy Studies



The Board of Governors of the University

On the Recommendation of the Academic Council

And by Virtue of the Authority Vested in Them

Have Conferred upon

SIVA PRASAD PENKEY

The Degree of Doctor of Philosophy

(Health, Safety and Environmental Science)

The Subject on which he / she presented a thesis for the Degree was:-

*Study of Accident Patterns in Oil and Gas Industry (Upstream) and Verification with
Accident Causation Models*

In Testimony whereof, the Seal of the University and

the Signature of its Officers are hereunto Affixed

on this 12th Day of June, 2017



Aadhaar No.: 869934554071


VICE CHANCELLOR

PLACE: DEHRADUN

Mode of Delivery: Regular


CHANCELLOR



University Of Petroleum & Energy Studies



The Board of Governors of the University

On the Recommendation of the Academic Council

And by Virtue of the Authority Vested in Them

Have Conferred upon

Bikarama Prasad Yadav

The Degree of Doctor of Philosophy

(Health, Safety and Environmental Engineering)

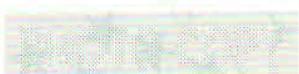
The Subject on which he / she presented a thesis for the Degree was:-

Role of Inherently Safer Concept in Hazard Identification and Risk Assessments in Viaduct Work: Design Based Approach

In Testimony whereof, the Seal of the University and

the Signature of its Officers are hereunto Affixed

on this 12th Day of June, 2017



Aadhaar No.: 611012389336


VICE CHANCELLOR

PLACE: DEHRADUN

Mode of Delivery: Regular


CHANCELLOR



University Of Petroleum & Energy Studies



The Board of Governors of the University

On the Recommendation of the Academic Council

And by Virtue of the Authority Vested in Them

Have Conferred upon

CHANDRA SHEKHAR AZAD

The Degree of Doctor of Philosophy

(Power Management)

The Subject on which he / she presented a thesis for the Degree was:-

A Study of Energy Conservation and Carbon Emission in Telecommunications Sector in India

In Testimony whereof, the Seal of the University and

the Signature of its Officers are hereunto Affixed

on this 12th Day of June, 2017

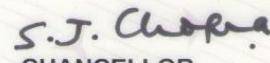


Aadhaar No.: 348592267205


VICE CHANCELLOR

PLACE: DEHRADUN

Mode of Delivery: Regular


CHANCELLOR



University Of Petroleum & Energy Studies



The Board of Governors of the University

On the Recommendation of the Academic Council

And by Virtue of the Authority Vested in Them

Have Conferred upon

Ajaya Kumar K _____

The Degree of Doctor of Philosophy

(Health, Safety and Environmental Engineering)

The Subject on which he / she presented a thesis for the Degree was:-

Quantitative Risk Assessment of Hazardous Materials during Road transportation with
accident causation models

In Testimony whereof, the Seal of the University and

the Signature of its Officers are hereunto Affixed

on this 12th Day of June, 2017



Aadhaar No. 938133070906

The signature of the Vice Chancellor of UPES.

VICE CHANCELLOR

PLACE: DEHRADUN
Mode of Delivery: Regular

The signature of the Chancellor of UPES.

CHANCELLOR



पेट्रोलियम एवं ऊर्जा अध्ययन विश्वविद्यालय



विश्वविद्यालय का व्यवस्थापक मण्डल,

विद्या परिषद् की अनुशंसा पर और

उनमें निहित प्राधिकार के नाते

श्रीनिवास तडेपल्ली

को

कैमिकल इंजीनियरिंग में

विद्या-वाचस्पति की उपाधि प्रदान करता है

उक्त उपाधि के लिए आपने निम्नांकित विषय पर शोध प्रबन्ध प्रस्तुत किया :-

रिमूवल ऑफ़ हैवी मेटल आयन्स फ्रॉम इंडस्ट्रियल एफ्लुएंट्स यूसिंग लो कॉस्ट एडसोर्बेन्ट्स
इन पैकड बेड कॉलम

इसके प्रमाणस्वरूप विश्वविद्यालय की मुहर और

उसके अधिकारियों के हस्ताक्षर

नीचे अंकित किए जाते हैं।

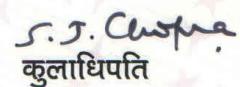
आज दिनांक १२ जून, २०१७



आधार नंबर : 812573398552


कुलपति

स्थान : देहरादून
अध्ययन प्रणाली : नियमित


र. ज. चौहान
कुलाधिपति



University Of Petroleum & Energy Studies



The Board of Governors of the University

On the Recommendation of the Academic Council

And by Virtue of the Authority Vested in Them

Have Conferred upon

SRINIVAS TADEPALLI

The Degree of Doctor of Philosophy

(Chemical Engineering)

The Subject on which he / she presented a thesis for the Degree was:-

*Removal Of Heavy Metal Ions From Industrial Effluents Using Low Cost Adsorbents in
Packed Bed Column*

In Testimony whereof, the Seal of the University and

the Signature of its Officers are hereunto Affixed

on this 12th Day of June, 2017



Aadhaar No.: 812573398552

The signature of the Vice Chancellor is written in black ink.

VICE CHANCELLOR

PLACE: DEHRADUN

Mode of Delivery: Regular

The signature of the Chancellor is written in blue ink.

CHANCELLOR



University Of Petroleum & Energy Studies



The Board of Governors of the University

On the Recommendation of the Academic Council

And by Virtue of the Authority Vested in Them

Have Conferred upon

SHIVAL DUBEY

The Degree of Doctor of Philosophy

(Mechanical Engineering)

The Subject on which he / she presented a thesis for the Degree was:-

Design and Development of Mobile Robotic Platform for Collection and Storage of Pine Needles in a Multi Terrain Area

In Testimony whereof, the Seal of the University and

the Signature of its Officers are hereunto Affixed

on this 12th Day of June, 2017



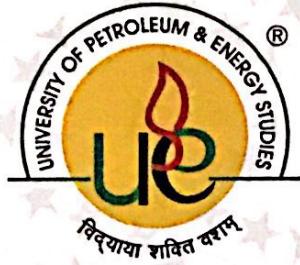
Aadhaar No.: 648164434855

VICE CHANCELLOR

PLACE: DEHRADUN

Mode of Delivery: Regular

CHANCELLOR



University Of Petroleum & Energy Studies



The Board of Governors of the University

On the Recommendation of the Academic Council

And by Virtue of the Authority Vested in Them

Have Conferred upon

D VINDHYA

The Degree of Doctor of Philosophy

(Aerospace Engineering)

The Subject on which he / she presented a thesis for the Degree was:-

*Development of GPS and Obstacle Avoidance Based Low Altitude Navigation System for a
Powered Parachute Aerial Vehicle*

In Testimony whereof, the Seal of the University and

the Signature of its Officers are hereunto Affixed

on this 12th Day of June, 2017



Aadhaar No.: 943472200138

VICE CHANCELLOR

S. J. Chandra
CHANCELLOR

PLACE: DEHRADUN

Mode of Delivery: Regular