



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

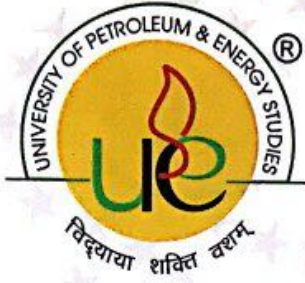


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VICE CHANCELLOR

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

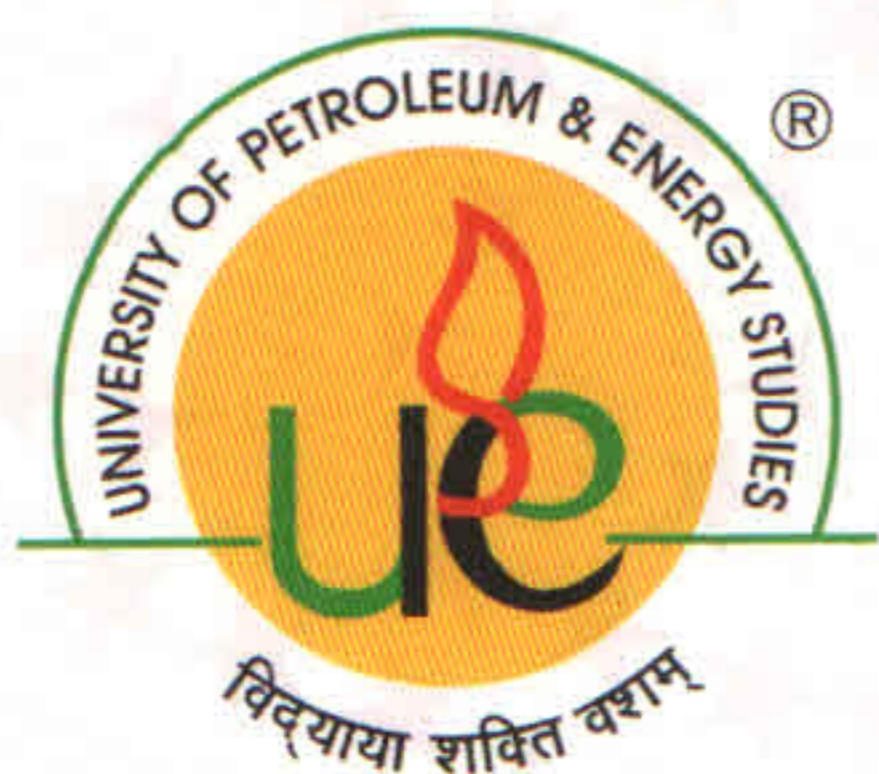
on this 24th Day of November, 2018



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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

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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


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The Board of Governors of the University

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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

VICE CHANCELLOR

PLACE: DEHRADUN

Mode of Delivery: Regular

S. J. Anand
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

SIDDHARTH LAVANIA

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

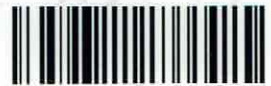
The Subject on which he / she presented a thesis for the Degree was:-

*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

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University Of Petroleum & Energy Studies



The Board of Governors of the University

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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


VICE CHANCELLOR

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University Of Petroleum & Energy Studies



The Board of Governors of the University

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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

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S. J. Chopra
CHANCELLOR



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The Board of Governors of the University

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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*

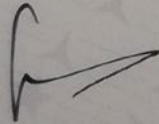
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the Signature of its Officers are hereunto Affixed

on this 12th Day of June, 2017

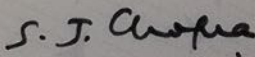


Aadhaar No.: 524420521846


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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



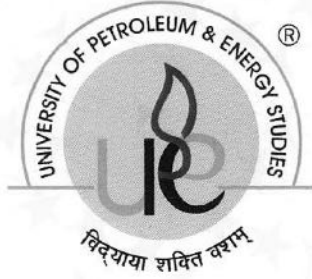
Aadhaar No.: 976008594920


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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



Aadhaar No.: 614222872297

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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

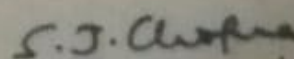
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Aadhaar No. 829584168829


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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

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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



Passport No.: J7414479

VICE CHANCELLOR

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University Of Petroleum & Energy Studies



The Board of Governors of the University

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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


VICE CHANCELLOR

PLACE: DEHRADUN


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University Of Petroleum & Energy Studies



The Board of Governors of the University

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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

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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

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Aadhaar No.: 894039611038

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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

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the Signature of its Officers are hereunto Affixed

on this 12th Day of June, 2017

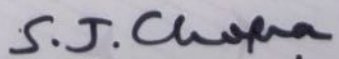


Aadhaar No.: 621674355669


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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

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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


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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.: 215558367838


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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

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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

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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

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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

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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

VICE CHANCELLOR

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University Of Petroleum & Energy Studies



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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

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the Signature of its Officers are hereunto Affixed

on this 12th Day of June, 2017



Aadhaar No.: 446214603545


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University Of Petroleum & Energy Studies



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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



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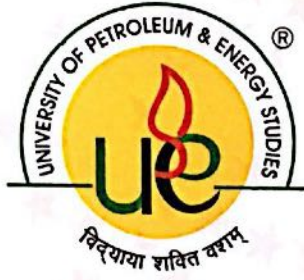
Aadhaar No.: 243748283396

VICE CHANCELLOR

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CHANCELLOR



University Of Petroleum & Energy Studies



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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

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S. J. Chopra
CHANCELLOR



University Of Petroleum & Energy Studies



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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

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University Of Petroleum & Energy Studies



The Board of Governors of the University

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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

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The Board of Governors of the University

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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*

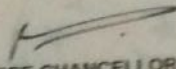
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the Signature of its Officers are hereunto Affixed

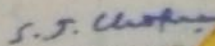
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Aadhaar No. 938133070906


VICE CHANCELLOR

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University Of Petroleum & Energy Studies



The Board of Governors of the University

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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

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the Signature of its Officers are hereunto Affixed*

on this 12th Day of June, 2017




Aadhaar No.: 812573398552


VICE CHANCELLOR

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University Of Petroleum & Energy Studies



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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

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CHANCELLOR





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The Board of Governors of the University

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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

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