



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

on successful defence of the thesis in September 2020

*The Degree of Doctor of Philosophy in
Computer Science and Engineering*

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

**Learner Modeling Using Learner Characteristics for
Implementation of Adaptability and Personalization
in Intelligent Tutoring System**

In Testimony whereof, the Seal of the University and

the Signature of its Officers are hereunto Affixed

on this 19th Day of August, 2021

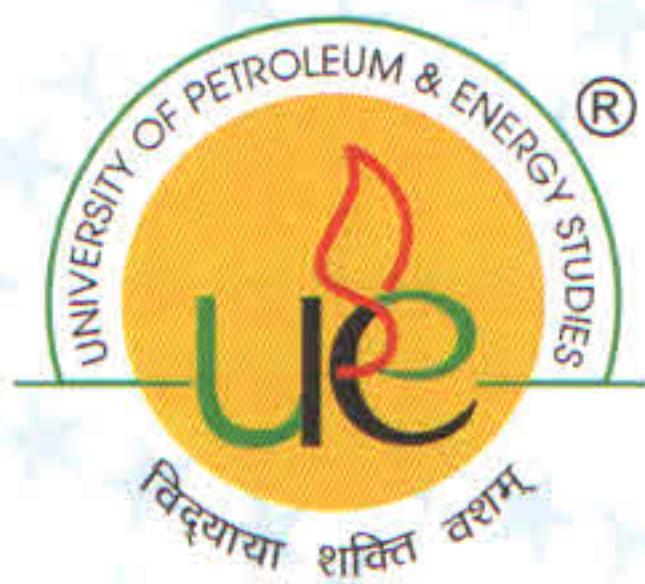


VICE CHANCELLOR



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

AMIT VERMA

on successful defence of the thesis in July 2020

*The Degree of Doctor of Philosophy in
Computer Science and Engineering*

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

Multi-State Logic For Computation

In Testimony whereof, the Seal of the University and

the Signature of its Officers are hereunto Affixed

on this 19th Day of August, 2021



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*

AMNEESH SINGLA

on successful defence of the thesis in May 2020

*The Degree of Doctor of Philosophy in
Mechanical Engineering*

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

**Development & Characterization of In-Situ
Aluminium Alloy Composites for Tribological
Applications**

*In Testimony whereof, the Seal of the University and
the Signature of its Officers are hereunto Affixed
on this 19th Day of August, 2021*



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*

AMRITA HOODA

on successful defence of the thesis in May 2020

*The Degree of Doctor of Philosophy in
Electronics Engineering*

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

**Development and Pattern Analysis of
Superhydrophobic Nanocomposite Coating**

*In Testimony whereof, the Seal of the University and
the Signature of its Officers are hereunto Affixed
on this 19th Day of August, 2021*



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*

ANAND KUMAR TEWARI

an successful defence of the thesis in June 2020

*The Degree of Doctor of Philosophy in
Chemical Engineering*

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

**Development of Green Corrosion Inhibitors For
Protection From Internal Corrosion of Buried Cross
Country Pipelines**

*In Testimony whereof, the Seal of the University and
the Signature of its Officers are hereunto Affixed
on this 19th Day of August, 2021*

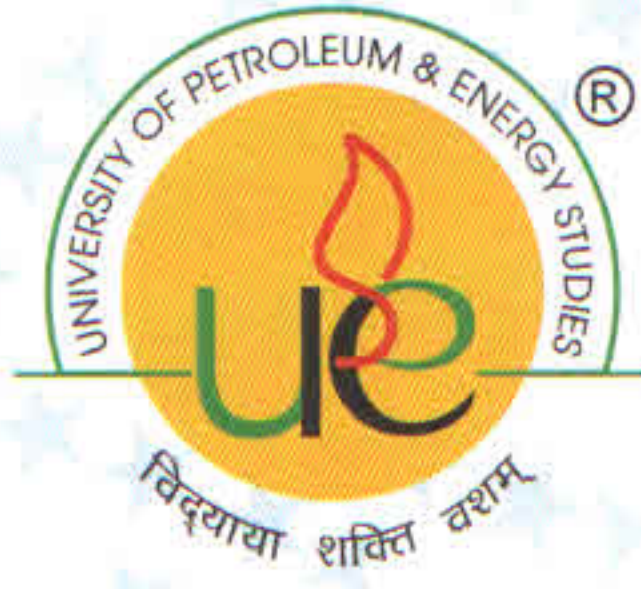


VICE CHANCELLOR



PLACE : OSHRADUN

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*

ANUKRITI SHARMA

on successful defence of the thesis in June 2020

The Degree of Doctor of Philosophy in Management

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

**Impact of Policy interventions on the performance
of energy-intensive industries in India: with special
reference to perform, achieve and trade phase-I**

*In Testimony whereof, the Seal of the University and
the Signature of its Officers are hereunto Affixed
on this 19th Day of August, 2021*

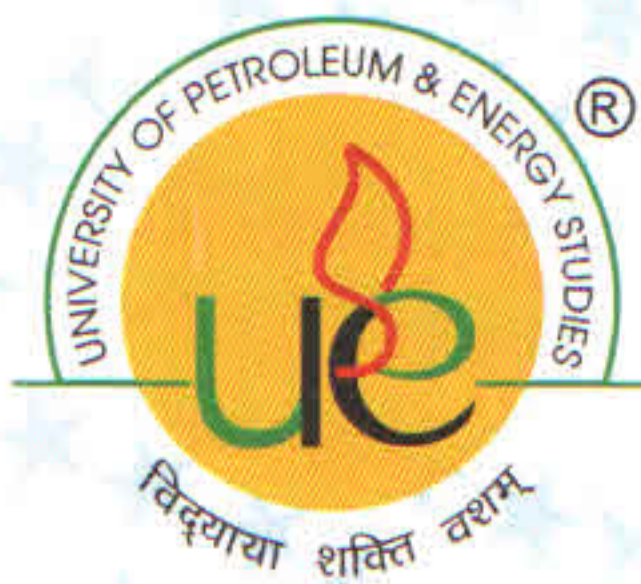


VICE CHANCELLOR



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

DR. ASHUTOSH KARNATAK

The Degree of Doctor of Business Administration

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

**Project Management Maturity Model (Krishna PM3) -
for Indian Government Sector Construction Projects**

In Testimony whereof, the Seal of the University and

the Signature of its Officers are hereunto Affixed

on this 19th Day of August, 2021



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

ASHWANI KHANNA

on successful defence of the thesis in March 2020

*The Degree of Doctor of Philosophy in
Management*

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

**Evaluating Alternate Taxing Process at Airports in
India - A Case Study at IGIA Delhi**

In Testimony whereof, the Seal of the University and

the Signature of its Officers are hereunto Affixed

on this 19th Day of August, 2021



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

ASHWANI KUMAR

on successful defence of the thesis in December 2019

*The Degree of Doctor of Philosophy in
Computer Science and Engineering*

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

**Hybrid Dispersion Compensation Module
Development Using Optisystem for Advanced
Optical Communication**

In Testimony whereof, the Seal of the University and

the Signature of its Officers are hereunto Affixed

on this 19th Day of August, 2021



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

BHAIYA CHANDRAKANT MISHRA

on successful defence of the thesis in June 2020

*The Degree of Doctor of Philosophy in
Management*

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

**Opportunities and Risks for Hydropower
Development in Uttarakhand**

*In Testimony whereof, the Seal of the University and
the Signature of its Officers are hereunto Affixed
on this 19th Day of August, 2021*



VICE CHANCELLOR



PLACE : DEHRADUN

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*

CANEON KURIEN

on successful defence of the thesis in September 2020

*The Degree of Doctor of Philosophy in
Mechanical Engineering*

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

**Composite Regeneration and Particulate Filtration
by Application of Microwave Energy for Exhaust
Emission Control of CI Engines**

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

on this 19th Day of August, 2021




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

DEBAJYOTI BOSE

on successful defence of the thesis in September 2020

*The Degree of Doctor of Philosophy in
Chemical Engineering*

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

**Production and Optimization of Bioelectricity from
Wastewater using Microbial Fuel Cell**

In Testimony whereof, the Seal of the University and

the Signature of its Officers are hereunto Affixed

on this 19th Day of August, 2021



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

DEEPAK BHARADWAJ

on successful defence of the thesis in January 2020

*The Degree of Doctor of Philosophy in
Electrical Engineering*

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

**Development of Reinforcement Learning Algorithm
for Motion Control of an Autonomous Humanoid**

In Testimony whereof, the Seal of the University and

the Signature of its Officers are hereunto Affixed

on this 19th Day of August, 2021



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

DR. JYOTIRMAYA SATPATHY

The Degree of Doctor of Business Administration

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

Inquiry Into Neuro - Managerial Decision Making

In Testimony whereof, the Seal of the University and

the Signature of its Officers are hereunto Affixed

on this 19th Day of August, 2021





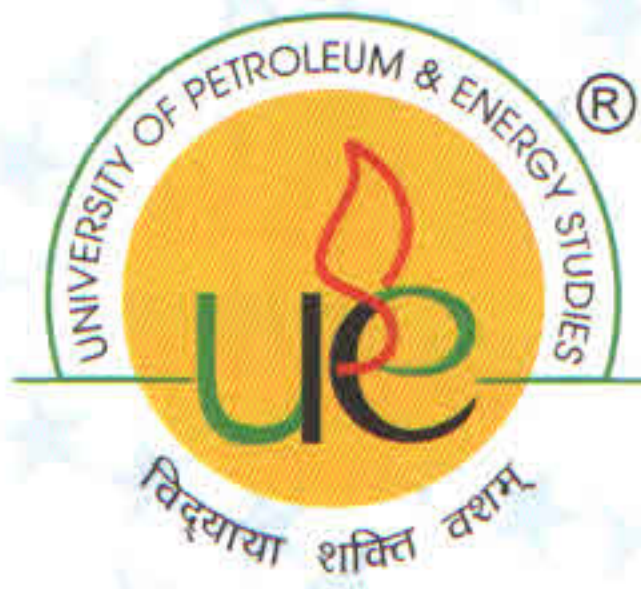
VICE CHANCELLOR



PLACE : DEHRADUN

CHANCELLOR

Enrollment No./ Roll No.	500042453
Prepared by	
Verified by	



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*

G PRADEEP

on successful defence of the thesis in July 2020

The Degree of Doctor of Philosophy in Safety Engineering

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

**Influence of Management Systems in Developing
Safety Culture: Case of Construction Industry in the
United Arab Emirates (UAE)**

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

on this 19th Day of August, 2021

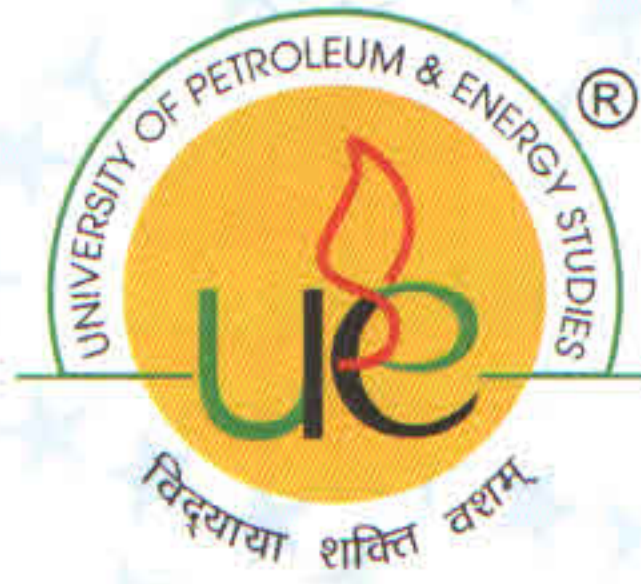


VICE CHANCELLOR



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*

GAURAV GUPTA

on successful defence of the thesis in September 2020

*The Degree of Doctor of Philosophy in
Management*

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

**Enablers and Barriers for the Adoption of E-Cars in
Delhi - The Consumer Perspective**

*In Testimony whereof, the Seal of the University and
the Signature of its Officers are hereunto Affixed
on this 19th Day of August, 2021*

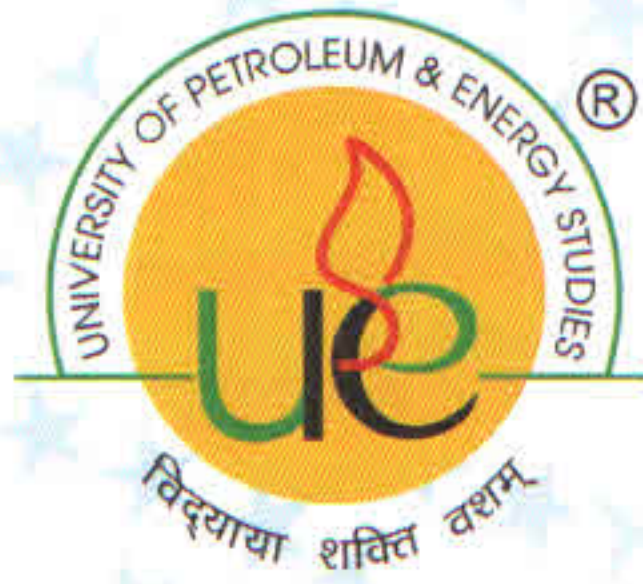


VICE CHANCELLOR



PLACE : DEHRADUN

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

DR. GEORGE ABRAHAM

The Degree of Doctor of Laws

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

**A Treatise on Land Acquisition for special
Economic Zones in India**

In Testimony whereof, the Seal of the University and

the Signature of its Officers are hereunto Affixed

on this 19th Day of August, 2021



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*

GOUTAM GHOSH

on successful defence of the thesis in August 2020

*The Degree of Doctor of Philosophy in
Mechanical Engineering*

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

**Experimental Studies on Hydrogen Induced Crack
Initiation in Flat Rolled Steels in Sour Service**

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

on this 19th Day of August, 2021

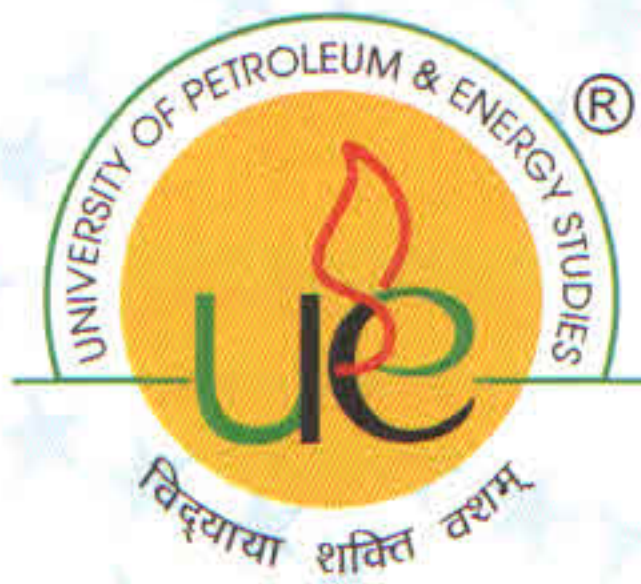


VICE CHANCELLOR



PLACE : DEHRADUN

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*

HARSH KUMAR

on successful defence of the thesis in May 2020

The Degree of Doctor of Philosophy in Management

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

**Developing Control Mechanism for Protecting
Customers from Fraud Risks in Retail Petroleum
Business in India**

*In Testimony whereof, the Seal of the University and
the Signature of its Officers are hereunto Affixed
on this 19th Day of August, 2021*

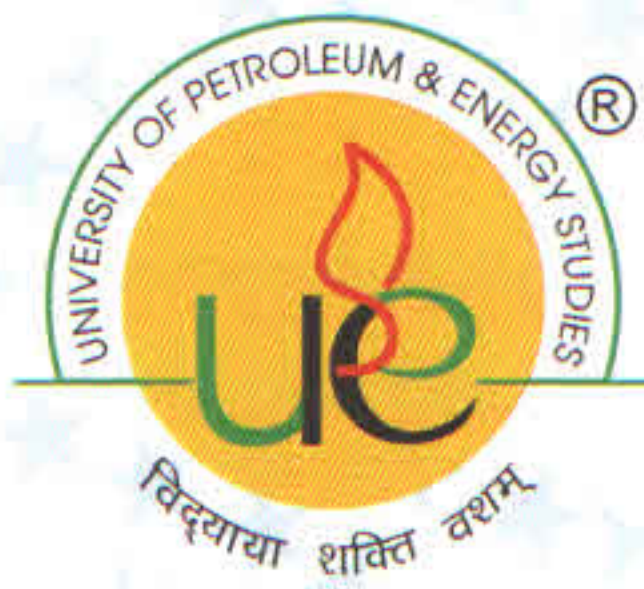



VICE CHANCELLOR



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

JOLLY UPADHYAYA

on successful defence of the thesis in June 2020

*The Degree of Doctor of Philosophy in
Computer Science*

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

**Quality of Service Metrics Model for Cloud
Computing Applications and Services: Emphasis on
Online Learning in Higher Education Sector**

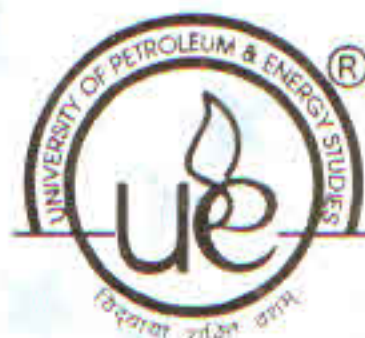
In Testimony whereof, the Seal of the University and

the Signature of its Officers are hereunto Affixed

on this 19th Day of August, 2021



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

KUMARGAURAO DNYANESHWAR PUNASE

on successful defence of the thesis in February 2020

*The Degree of Doctor of Philosophy in
Chemical Engineering*

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

**Steady State Modelling, Simulation and
Optimization of Hydrogen Production from Catalytic
Steam Reforming of Ethanol**

*In Testimony whereof, the Seal of the University and
the Signature of its Officers are hereunto Affixed
on this 19th Day of August, 2021*

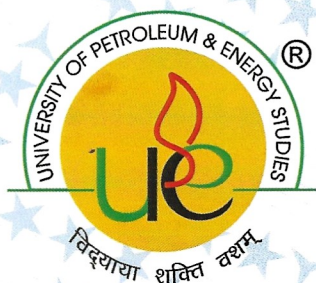


VICE CHANCELLOR



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*

LEENA KAPOOR

on successful defence of the thesis in June 2020

The Degree of Doctor of Philosophy in Chemical Engineering

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

**Experimental and Theoretical Investigation of the
Pyrolysis of Biomass in a Twin Screw Reactor to
Produce Green Fuels**

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

on this 19th Day of August, 2021



VICE 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*

MAHTANI UMESH SATYANAND

on successful defence of the thesis in July 2020

*The Degree of Doctor of Philosophy in
Management*

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

**Developing a Model to assess the Financial
Condition of Airline Companies in India**

*In Testimony whereof, the Seal of the University and
the Signature of its Officers are hereunto Affixed
on this 19th Day of August, 2021*

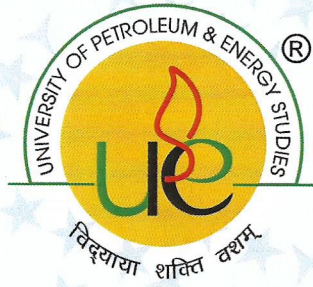


VICE CHANCELLOR



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

MANISH H. BILGAYE

on successful defence of the thesis in October 2020

*The Degree of Doctor of Philosophy in
Electronics Engineering*

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

**Study of Memristor and Development of
Applications Based on Memristor**

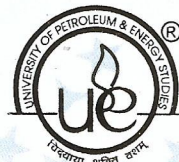
In Testimony whereof, the Seal of the University and

the Signature of its Officers are hereunto Affixed

on this 19th Day of August, 2021



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

MANISH YADAV

on successful defence of the thesis in August 2020

*The Degree of Doctor of Philosophy in
Management*

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

**Study of Critical Success Factors of Low-Cost
Carrier Business Model to Sustain in Indian Market**

In Testimony whereof, the Seal of the University and

the Signature of its Officers are hereunto Affixed

on this 19th Day of August, 2021

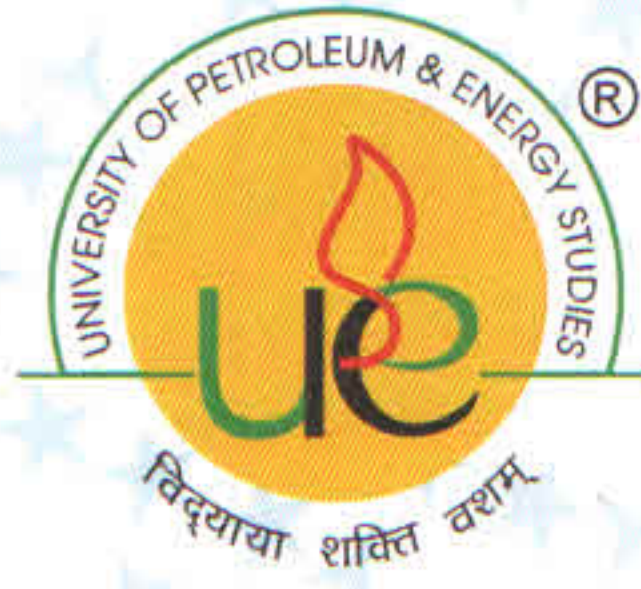


VICE CHANCELLOR



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*

MEERA C S

on successful defence of the thesis in September 2020

*The Degree of Doctor of Philosophy in
Robotics Engineering*

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

**Analysis Design and Development of Haptic
Interface for Hydraulic Manipulator**

*In Testimony whereof, the Seal of the University and
the Signature of its Officers are hereunto Affixed
on this 19th Day of August, 2021*

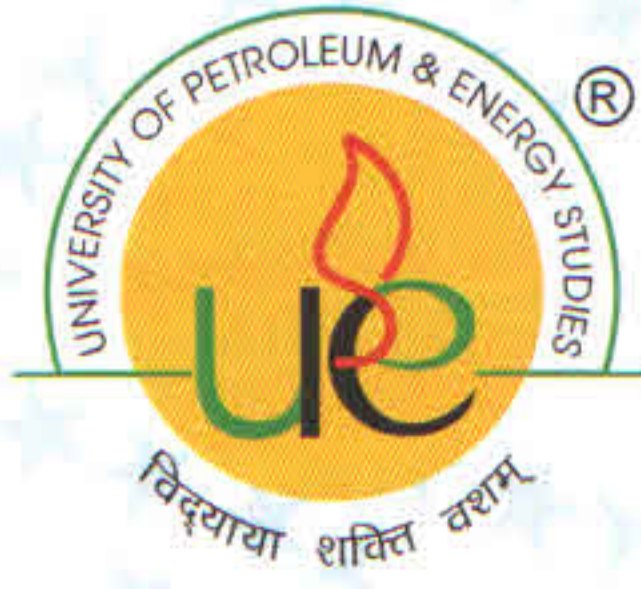


VICE CHANCELLOR



PLACE : DEHRADUN

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*

SONI NARENDRAKUMAR BALKISHAN

on successful defence of the thesis in June 2020

*The Degree of Doctor of Philosophy in
Electrical Engineering*

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

**Design & Development of an Integrated Control of
Real Time Data Monitoring for Remotely Located
Systems**

*In Testimony whereof, the Seal of the University and
the Signature of its Officers are hereunto Affixed
on this 19th Day of August, 2021*



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

NEETIKA SHARMA

on successful defence of the thesis in June 2020

*The Degree of Doctor of Philosophy in
Management*

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

**Measures to Promote Local Participation for
Sourcing of Skilled Manpower in Small Hydro Power
Projects in Uttarakhand**

In Testimony whereof, the Seal of the University and

the Signature of its Officers are hereunto Affixed

on this 19th Day of August, 2021



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

PAI SIDDESH KASHINATH

on successful defence of the thesis in March 2020

*The Degree of Doctor of Philosophy in
Management*

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

**Developing a Framework for Mitigation of Project
Delays Through Impact Assessment of Critical
Factors Causing Time Overruns in Roads and
Highways Sector Projects in India**

In Testimony whereof, the Seal of the University and

the Signature of its Officers are hereunto Affixed

on this 19th Day of August, 2021

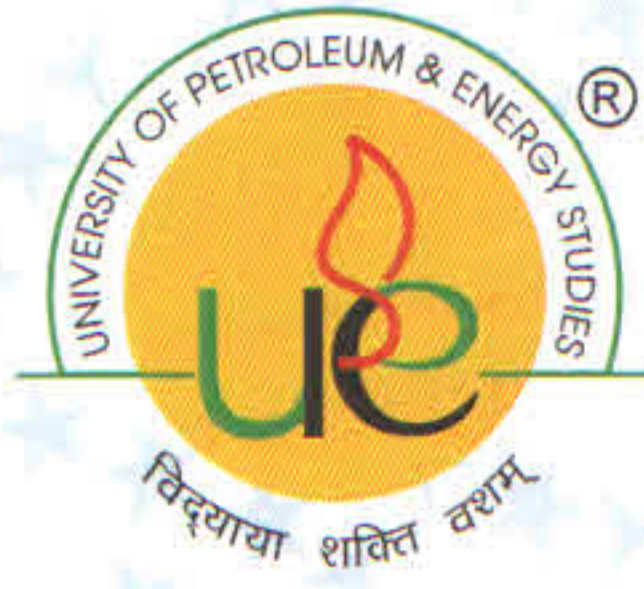


VICE CHANCELLOR



PLACE : DEHRADUN

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*

PINISETTI SWAMI SAIRAM

on successful defence of the thesis in September 2020

*The Degree of Doctor of Philosophy in
Electronics Engineering*

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

**Predictive Analytics Based Micro Nano Bubble
(MNB) Generation for Effective Water Treatment**

*In Testimony whereof, the Seal of the University and
the Signature of its Officers are hereunto Affixed
on this 19th Day of August, 2021*



VICE CHANCELLOR



PLACE : DEHRADUN

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*

PRATIK GHOSH

on successful defence of the thesis in June 2020

The Degree of Doctor of Philosophy in Management

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

**Process Map of A "UNIFIED DATA PLATFORM" for
Operational Intelligence and Analysis of Power
Sector in India**

*In Testimony whereof, the Seal of the University and
the Signature of its Officers are hereunto Affixed
on this 19th Day of August, 2021*



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

DR. SHARMA PRIYANKA PARMESHWAR PRASAD

The Degree of Doctor of Science

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

**Smart System for Identification and Analysis of
Cyber Crime**

In Testimony whereof, the Seal of the University and

the Signature of its Officers are hereunto Affixed

on this 19th Day of August, 2021

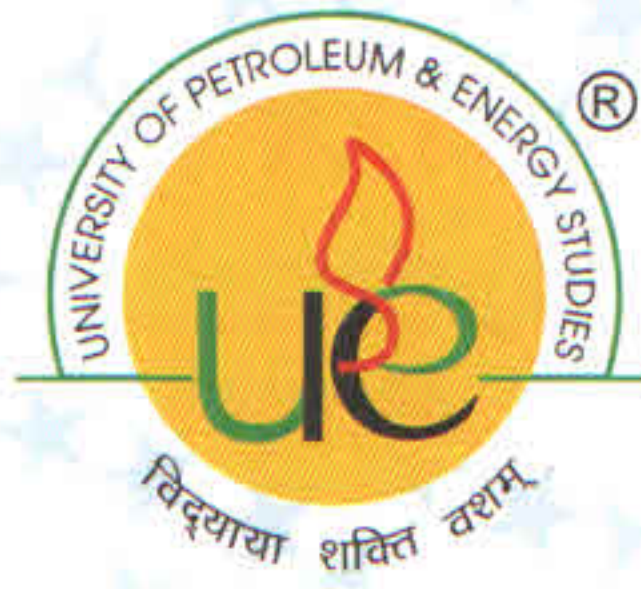


VICE CHANCELLOR



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*

R RAAJIV

on successful defence of the thesis in October 2020

The Degree of Doctor of Philosophy in Electrical Engineering

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

**Designing and Performance Optimization of
Sustainable Air Independent Propulsion (AIP)
System for Extended Endurance of Submarines**

*In Testimony whereof, the Seal of the University and
the Signature of its Officers are hereunto Affixed
on this 19th Day of August, 2021*



VICE CHANCELLOR



PLACE : DEHRADUN

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

RAJ KUMAR SAINI

on successful defence of the thesis in August 2020

*The Degree of Doctor of Philosophy in
Electrical Engineering*

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

**Design and Performance Optimization of Three
Phase Squirrel Cage Induction Motor for Rural Area
Applications**

In Testimony whereof, the Seal of the University and

the Signature of its Officers are hereunto Affixed

on this 19th Day of August, 2021



VICE CHANCELLOR



PLACE : DEHRADUN

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*

RAJAN SHARMA

on successful defence of the thesis in July 2020

*The Degree of Doctor of Philosophy in
Chemistry*

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

**Bioconversion of Lignocellulosic Biomass to
Biogas**

*In Testimony whereof, the Seal of the University and
the Signature of its Officers are hereunto Affixed
on this 19th Day of August, 2021*

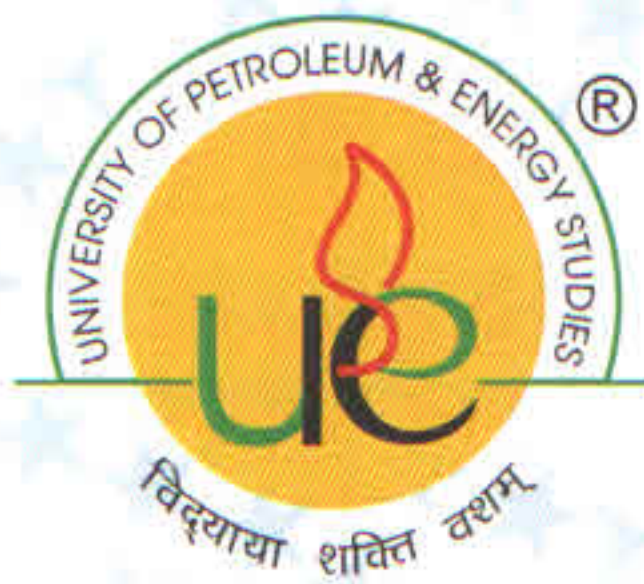


VICE CHANCELLOR



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*

RASHMI SINGH

on successful defence of the thesis in July 2020

*The Degree of Doctor of Philosophy in
Electrical Engineering*

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

**Characterization and Diagnostic of High Efficiency
Photovoltaic Modules in Composite Climate of India**

*In Testimony whereof, the Seal of the University and
the Signature of its Officers are hereunto Affixed
on this 19th Day of August, 2021*

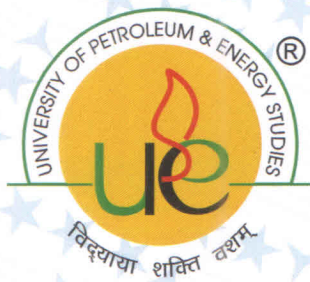



VICE CHANCELLOR



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*

RAVI KUMAR PATEL

on successful defence of the thesis in September 2020

*The Degree of Doctor of Philosophy in
Electronics Engineering*

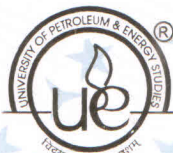
The Subject on which he / she presented a thesis for the Degree was :-

**Development of Nanoparticles Loaded 3D Printed
Microchannel for Fluoride Removal from Water**

*In Testimony whereof, the Seal of the University and
the Signature of its Officers are hereunto Affixed
on this 19th Day of August, 2021*

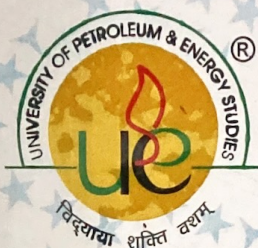


VICE CHANCELLOR



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*

RAVI TOMAR

on successful defence of the thesis in June 2020

The Degree of Doctor of Philosophy in Computer Science and Engineering

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

**Efficient Information Dissemination on Vehicular
Ad-Hoc Networks using Intelligent Multicasting**

*In Testimony whereof, the Seal of the University and
the Signature of its Officers are hereunto Affixed
on this 19th Day of August, 2021*



VICE CHANCELLOR



PLACE : DEHRADUN

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*

SAPNA TYAGI

on successful defence of the thesis in March 2020

*The Degree of Doctor of Philosophy in
Computer Science*

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

**An Adaptive Routing Algorithm for 3-D Network on
Chip (NOC)**

*In Testimony whereof, the Seal of the University and
the Signature of its Officers are hereunto Affixed
on this 19th Day of August, 2021*



VICE CHANCELLOR



PLACE : DEHRADUN

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*

SAUMITRA SHANKAR GUPTA

on successful defence of the thesis in October 2020

*The Degree of Doctor of Philosophy in
Petroleum Engineering*

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

**Optimizing Maintenance and Inspection Practices to
Minimize 3RD Party Damage Probability in Liquefied
Petroleum Gas Pipeline (LPG) in India**

*In Testimony whereof, the Seal of the University and
the Signature of its Officers are hereunto Affixed
on this 19th Day of August, 2021*



VICE CHANCELLOR



PLACE : DEHRADUN

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

SHAMBHAVI SINHA

on successful defence of the thesis in June 2020

*The Degree of Doctor of Philosophy in
Law*

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

**Female Genital Mutilation and Rights of Women: A
Socio Legal Study**

In Testimony whereof, the Seal of the University and

the Signature of its Officers are hereunto Affixed

on this 19th Day of August, 2021



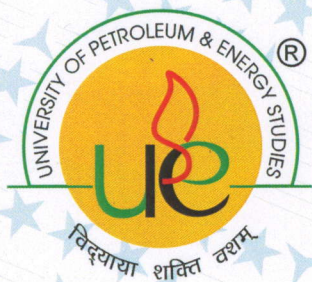
A stylized, handwritten signature in black ink is located in the bottom left, belonging to the Vice Chancellor.

VICE CHANCELLOR



PLACE : DEHRADUN

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

SANKA RAMA VENKATA SIVA PRASANNA

on successful defence of the thesis in June 2020

*The Degree of Doctor of Philosophy in
Mechanical Engineering*

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

**Development of Graphene Promoted Click
Triggered Self-Healing Nanocomposites**

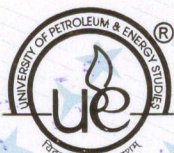
In Testimony whereof, the Seal of the University and

the Signature of its Officers are hereunto Affixed

on this 19th Day of August, 2021



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*

SOHONI CHINTAMAN

on successful defence of the thesis in January 2020

*The Degree of Doctor of Philosophy in
Management*

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

**Supply Chain Management for Sustainability of
Aviation MRO Industry in India - A Study**

*In Testimony whereof, the Seal of the University and
the Signature of its Officers are hereunto Affixed
on this 19th Day of August, 2021*



VICE CHANCELLOR



PLACE : DEHRADUN

S. S. 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*

SOMENATH GANGULY

on successful defence of the thesis in September 2020

The Degree of Doctor of Philosophy in Science

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

**Estimation of Absolute Ground Water Temperature
from Oxygen-18 Fractionation**

*In Testimony whereof, the Seal of the University and
the Signature of its Officers are hereunto Affixed
on this 19th Day of August, 2021*



VICE CHANCELLOR



PLACE : DEHRADUN

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

SONAL GUPTA

on successful defence of the thesis in December 2019

*The Degree of Doctor of Philosophy in
Management*

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

**Volatility and Forecasting in The Indian Short Term
Electricity Market**

In Testimony whereof, the Seal of the University and

the Signature of its Officers are hereunto Affixed

on this 19th Day of August, 2021

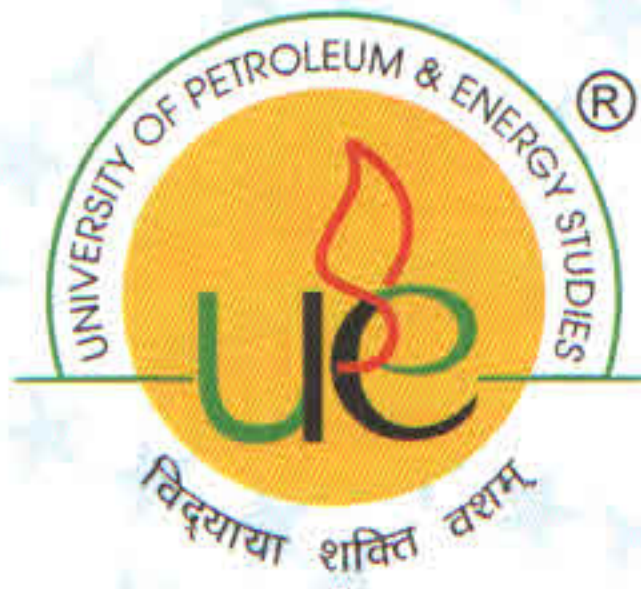


VICE CHANCELLOR



PLACE : DEHRADUN

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*

SRAWANTI MEDHI

on successful defence of the thesis in September 2020

The Degree of Doctor of Philosophy in Petroleum Engineering

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

**Effects of Nanoparticles on Rheological and Fluid
Loss Control Properties of Non-Damaging Drilling
Fluid**

*In Testimony whereof, the Seal of the University and
the Signature of its Officers are hereunto Affixed
on this 19th Day of August, 2021*

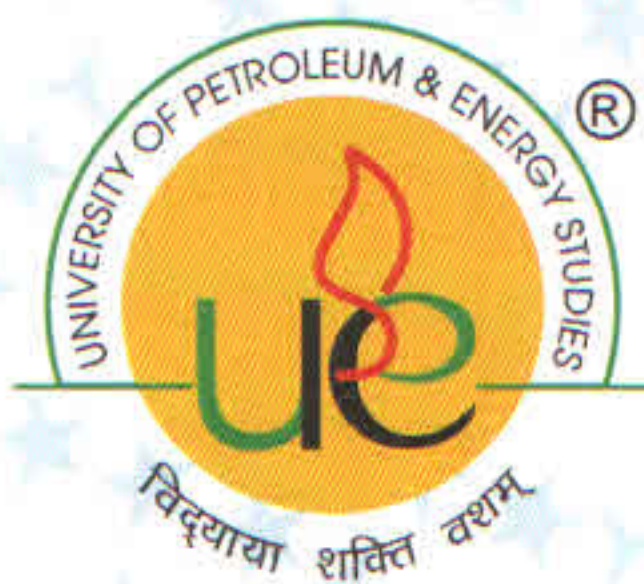


VICE CHANCELLOR



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

SUJITH P SURENDRAN

on successful defence of the thesis in July 2020

*The Degree of Doctor of Philosophy in
Law*

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

**Regulatory Framework for Investments in
Renewable Energy in India with Special Reference
to the Electricity Act 2003: A Critical Analysis**

In Testimony whereof, the Seal of the University and

the Signature of its Officers are hereunto Affixed

on this 19th Day of August, 2021



VICE CHANCELLOR



PLACE : DEHRADUN

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

SUNDARARAMAN. C

on successful defence of the thesis in February 2020

*The Degree of Doctor of Philosophy in
Management*

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

**Development of Cybersecurity Mandate for Indian
Oil and Gas Industry**

In Testimony whereof, the Seal of the University and

the Signature of its Officers are hereunto Affixed

on this 19th Day of August, 2021



VICE CHANCELLOR



PLACE : DEHRADUN

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*

SURAJIT MONDAL

on successful defence of the thesis in June 2020

*The Degree of Doctor of Philosophy in
Electrical Engineering*

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

**Experimental Investigations on Pyrolysis of
different Biomass using Solar Energy**

*In Testimony whereof, the Seal of the University and
the Signature of its Officers are hereunto Affixed
on this 19th Day of August, 2021*



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

SYLESH NECHULLY

on successful defence of the thesis in December 2019

*The Degree of Doctor of Philosophy in
Management*

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

**A Holistic Reference Framework to Enhance the
Adoption of Innovative Drilling Technologies in the
Upstream UAE Oil and Gas**

In Testimony whereof, the Seal of the University and

the Signature of its Officers are hereunto Affixed

on this 19th Day of August, 2021

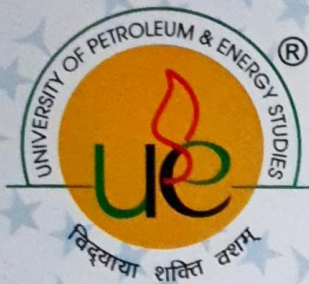


VICE CHANCELLOR



PLACE : DEHRADUN

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

VINAY CHOWDARY

on successful defence of the thesis in July 2020

*The Degree of Doctor of Philosophy in
Electronics Engineering*

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

**Design and Implementation of an Energy Efficient
K-Barrier Coverage Network for Rural Applications**

In Testimony whereof, the Seal of the University and

the Signature of its Officers are hereunto Affixed

on this 19th Day of August, 2021



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*

YASHVIR SINGH

on successful defence of the thesis in June 2020

*The Degree of Doctor of Philosophy in
Mechanical Engineering*

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

**Development and Evaluation of Mineral Oil Based
Lubricating Oil Blends of Pongamia and Jatropha**

*In Testimony whereof, the Seal of the University and
the Signature of its Officers are hereunto Affixed
on this 19th Day of August, 2021*



VICE CHANCELLOR



PLACE : DEHRADUN

S. J. Chopra
CHANCELLOR