

पावर ट्रांसमिशन कारपोरेशन ऑफ उत्तराखण्ड लि०

(उत्तराखण्ड सरकार का उपक्रम)

मानव संसाधन एवं प्रशासनिक विभाग

विद्युत भवन, नजदीक-आई०एस०बी०टी० क्रासिंग, सहारनपुर रोड, माजरा, देहरादून-248002

दूरभाष नं० 0135-2645249 फ़ैक्स नं० 0135-2645249 email:- hr@ptcul.org

No. 1557/HR&Admn./PTCUL/H-8/E-MBA

Date 21-08-2023

Subject :- 01 year Post Graduation Program in Renewable Energy.

**All CEs Level-I/Level-II
/All SEs/All EEs,
PTCUL,**
.....

A One (01) year **Post Graduation Program in Renewable Energy** in collaboration with University of Petroleum & Energy Studies (UPES), Dehradun has been finalized for officers of PTCUL who are confirmed on the post and have more than Five (05) years service is left before attaining the age of retirement as on date of notice. The Minimum qualification required for this program is as follows :

- Graduation with minimum 40% marks.

OR

- 3 years diploma after 10th or 12th with minimum of 40% marks with mandatory 5 years of experience.

The programme will be of 01 year (One year) duration divided into 02 semesters. Structured Instruction Methodology (SIM) involving Two (02) day classes of 8 (hours) each 2nd or last Saturday & Sunday every month shall be conducted.

Service Agreement – The selected employees will be required to execute service agreement/ bond to serve PTCUL during the period of programme and thereafter for a period of 5 years from the date of passing the said course.

The course is likely to be commence in coming months, therefore, the nominations of officers, interested to take up the programme, be arranged to be sent duly recommended alongwith their request letter and their particulars in the enclosed application form **latest by 30-08-2023** for consideration of their candidature.

Please arrange to forward the application forms of interested candidates to the office of undersigned, complete in all respects to enable further processing.

Encl. Application Form and Brochure.

(A.K. Juyal)

General Manager – (HR)

NO. / HR&Admn./PTCUL/H-8/E-MBA/2023-24 dated

Copy forwarded to the following for information and necessary action:-

- 1- PS to MD, PTCUL, Dehradun for kind information of MD.
- 2- PS/DEO to Director (HR)/(Finance)/(Project)/ (Operation), PTCUL, Dehradun for kind information of Director's.
- 3- Executive Engineer (IT), PTCUL, Dehradun for uploading the same in corporation website.

(A.K. Juyal)

General Manager – (HR)

Application Form for PGP in Renewable Energy-2023

1. Personal Information

- i. Name :
- ii. Father's/Husband's Name :
- iii. Date of Birth :
- iv. Gender : Male/Female

Passport size
photograph

2. Professional Information

- i. Date of Joining and Induction Post :
- ii. Present Designation :
- iii. Place of Posting :
- iv. Office Address :
- v. Phone No/Mobile No :
- vi. E-mail Id :
- vii. Professional/Work Experience Year Months
(Please attached resume)

3. Please outline your career aspirations and expectations from this course in a neatly typed/hand written A4 sheet and enclose.

4. Education Completed

Exam Passed	Institute/University	Year of Passing	Subject/Branch	Div/Grade
3 Years Diploma				
Graduation				
Post Graduation				
Other Degree/Diploma				
Major Field of Study (if any) (for e.g. Mechanical Engineering Business arts)				
Any Other Qualification				

I hereby certify that the foregoing and all information referenced in or enclosed with this application is to the best of my knowledge true and correct.

Date :

Place :

Applicant Signature

12 July 2023

Reference: UPES/PGP-RE/ 2023/03
The Managing Director,
Power Transmission Corporation Uttarakhand Ltd.,
Dehradun, Uttarakhand

Subject: Nominations from PTCUL Employees for PGP in Renewable Energy 2023 Batch.

Dear Sir,

Please find enclosed herewith the order copy from the office of the Secretary, Energy Uttarakhand, Number 594/PS Sachiv/2023, dated 5th July 2023, regarding the commencement of the new batch of PGP in Renewable Energy. As per the order, 08 Employees of PTCUL have been allocated for this program.

We have also attached copies of the order, proposal, and request you to direct the HR Department to initiate the necessary nominations process. We kindly request you to provide us with the details of the nominated employees on or before 11th August 2023.

The minimum qualification required for this program is

- Graduation with minimum 40% marks.
- OR
- 3 years diploma after 10th or 12th with minimum 40% marks with mandatory 5 years of experience.

We have always received excellent support from your office as well as from the corporation, and we assure you of our best efforts in enhancing the capacity building of your employees as a trusted knowledge partner.

We look forward to receiving a positive response from your end.

Thank you for your attention to this matter.

Yours sincerely,

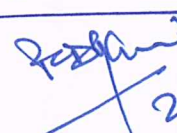



(Mudaliar Jitendra)

Assistant Director, WILL, UPES,
1509, SOB, Knowledge Acre, Kandoli,
Via Premnagar, Dehradun, UK, 248007
Email: mjitendra@ddn.upes.ac.in; Mobile: 8171862063
Encl: a/a

2051/MD/PTCUL/MR Dt. 20/7/23

Em(MR)(P)


20/7/23


24/7
प्रबन्ध निदेशक
पिटकुल, देहरादून
24/7

प्रेषक,

डा० आर. मीनाक्षी सुन्दरम्
सचिव ऊर्जा विभाग
उत्तराखण्ड शासन।

सेवा में,

1. प्रबन्ध निदेशक,
यूजेवीएन लि०
देहरादून।

2. प्रबन्ध निदेशक,
उत्तराखण्ड पावर कारपोरेशन लि०
देहरादून।

3. प्रबन्ध निदेशक,
उत्तराखण्ड पावर ट्रांसमिशन लि.,
देहरादून।

4. निदेशक
उरेडा
ऊर्जा पार्क परिसर, पटेलनगर,
देहरादून।

विषय: यूनिवर्सिटी ऑफ पेट्रोलियम एण्ड एनर्जी स्टडीज (UPES) से PGP in Renewable Energy (RE)

महोदय,

कृपया उपरोक्त विषयक यूनिवर्सिटी ऑफ पेट्रोलियम एण्ड एनर्जी स्टडीज (UPES) के पत्र संख्या UPES/DDN/CCE/GOV/UK/Power/REPGP/2023/01 दिनांक 14 जून 2023 का संदर्भ ग्रहण कर। (छायाप्रति संलग्न), जिसमें पेट्रोलियम एंड एनर्जी स्टडीज यूनिवर्सिटी (UPES) से हेतु नया बैच प्रारंभ किये जाने हेतु अनुरोध किया गया है।

उक्त के क्रम में यूजेवीएन लि. से 10, उत्तराखण्ड पावर कारपोरेशन लि० से 15, उत्तराखण्ड पावर ट्रांसमिशन कारपोरेशन लि. से 8 एवं उरेडा से 15, अधिकारियों को उक्त कोर्स निम्न प्रतिबन्धों के अधीन कराया जाना प्रस्तावित है:-

- (1) चयनित अभ्यर्थियों का प्रशिक्षण पर होनेवाला व्यय सम्बन्धित कार्मिक के प्रशासनिक विभाग द्वारा वहन किया जायेगा और यह प्रशिक्षण सम्बन्धित विभाग की प्रशिक्षण नीति के अन्तर्गत होगा।
- (2) PGP in Renewable Energy (RE) Course हेतु पूर्व में निर्धारित रू० 45 000/- प्रति सैमेस्टर प्रति अभ्यर्थी का भुगतान प्रशिक्षण हेतु सम्बन्धित कार्मिक के प्रशासनिक विभाग द्वारा UPES को किया जायेगा।
- (3) PGP in Renewable Energy (RE) Course 01 वर्ष के लिए On-Line Periodic Contact Classes एवं Self Study के माध्यम से कराया जायेगा। अध्ययन सामग्री ऑन-लाइन/हार्ड कॉपी UPES द्वारा उपलब्ध करायी जायेगी।

संलग्न- यथोपरि।

भवदीय,
(डा० आर.मीनाक्षी सुन्दरम्)
सचिव ऊर्जा

P.S.
M

No. UPES/DDN/CCE/GOV UK/Power/RE PGP/2023/01

Date: June 14, 2023

To,
The Secretary - Energy,
Uttarakhand Government,
Dehradun- 248001, U.K.

Subject: Proposal for PGP in Renewable Energy for Uttarakhand Power Corporation Employees

Dear Sir,

We extend our sincere gratitude for selecting the Centre for Continuing Education (CCE), University of Petroleum and Energy Studies (UPES), as a trusted knowledge partner for enhancing the academic capabilities of officers from various departments of the Uttarakhand Government. We appreciate your confidence in our CCE, UPES, and granting us the opportunity to conduct the Distance Learning EMBA program for Uttarakhand Government employees since 2015.

The latest batch of 37 government employees, representing different corporations within the Uttarakhand Power Utility, has successfully completed their first semester and is scheduled to take their second semester examinations in August 2023, as part of the EMBA in Power Management program of the September 2022 batch; and 44 employees completed their Diploma in Health, Safety and Environment.

We are pleased to inform you that the Centre for Continuing Education (CCE) at the University of Petroleum and Energy Studies (UPES) has been actively imparting knowledge on renewable energy since 2015. UPES CCE has established itself as a leading institution in the domain, providing valuable expertise to professionals from various sectors. Recognizing the urgent need for skilled personnel in renewable energy, UPES CCE has developed an extensive curriculum covering crucial aspects of the subject.

Considering the potential of renewable energy sources and their positive impact on the environment, Uttarakhand Power Utilities Corporation (UPUC) seeks to enhance the capabilities of its employees through this specialized program. By equipping our workforce with advanced knowledge and skills in renewable energy, we aim to contribute to the sustainable development goals of Uttarakhand and align with the national agenda for clean and green energy.

We kindly request your support in facilitating a one-year post-graduation program on renewable energy for Uttarakhand Power Utilities Corporation Employees.

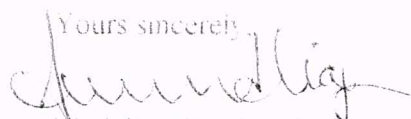
This program would be conducted by UPES CCE, a trusted and renowned institution in the education field. We believe that the collaboration between UPUC and UPES CCE will foster an environment of mutual learning, allowing our employees to enhance their skills and knowledge, and thereby making significant contributions to the growth of our corporation.

We would greatly appreciate your prompt attention to this matter. Attached herewith is the proposal, along with detailed information about the program, for your reference and perusal.

Thank you for your consideration.

With Kind Regards,

Yours sincerely,

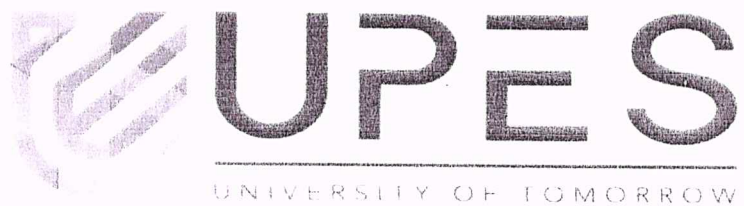


Mudaliar Jitendra, Assistant Director – CCE

1509, School of Business, UPES,

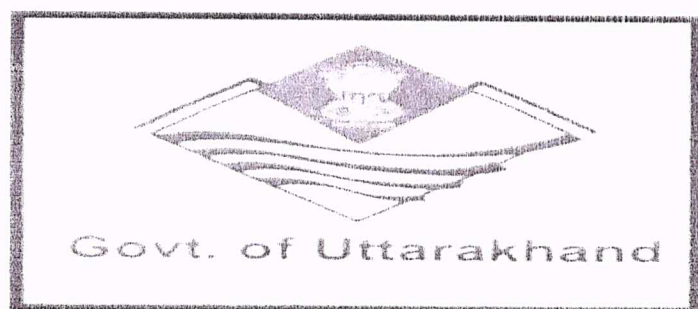
Knowledge Acres, Kandoli Via Premnagar, Dehradun, U.K.-248007

Email: jitendra@upes.ac.in Mobile: 8171862063



Presents

To



UTTARAKHAND GOVERNMENT

Proposal for

PGP in Renewable Energy



Employees of

Uttarakhand Power Utilities

CONFIDENTIALITY CLAUSE

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PROGRAM: Post Graduation Program in Renewable Energy (1 Year).

I. SCOPE AND OBJECTIVE

University of Petroleum & Energy Studies (UPES) agrees to conduct the program for the employees of Uttarakhand Power Utilities., - Uttarakhand Jal Vidyut Nigam Limited, Power Transmission Corporation of Uttarakhand Ltd. & Uttarakhand Renewable Development Agency. UER C, UPES shall offer the Program of One Years duration as per syllabus annexed as Annexure-I and the applicable rules and regulations of the University.

The objectives for conducting the said Program is as follows:

- To equip employees with latest knowledge and skills in the field of technology and management enabling them to become effective managers.
- To create a "New Generation of Power Professionals" who have the expertise to handle the present and future challenges in the Renewable Energy Sector.
- To demonstrate organizational commitment for development of employees.

II. RESPONSIBILITIES OF UPES

- UPES shall be responsible for conducting the One Years Program consisting of Two Semesters to the employees of UTTAKHAND POWER UTILITIES.
- UPES shall be responsible for staffing of appropriate faculty either full time or visiting required for provision of instructions.
- UPES shall be responsible for developing and distributing the course material to the candidates.

III. RESPONSIBILITIES OF UTTARAKHAND POWER UTILITIES.

- UTTARAKHAND POWER UTILITIES shall be responsible for the setting up of infrastructure for imparting the Program, provision of training facilities and aids.
- The batch size shall be minimum of 30 candidates and maximum 50 candidates of UTTARAKHAND POWER UTILITIES (UPCL-15, UJVNL-10, PTCUL-08, UREDA-15, UERC-2). The batch shall always be of selected candidates from the UTTARAKHAND POWER UTILITIES only.
- UTTARAKHAND POWER UTILITIES shall remit to UPES at the time of signing of "Agreement" the semester fee of the first semester in one instance and thereafter the fees remaining of the balance second semesters shall be remitted by UTTARAKHAND POWER UTILITIES to UPES before the commencement of second semester.
- Dropouts shall be allowed only in the first forty five days of the first semester. UTTARAKHAND POWER UTILITIES has the option to replace the dropped out candidates with an equal number in the stipulated time. However, at all times UTTARAKHAND POWER UTILITIES will be liable to pay to UPES for a minimum batch of 30 candidates.

- UTTARAKHAND POWER UTILITIES shall make a fee payment for first semester in the first instance based on the total number of candidates enrolled. Refund or adjustment for dropouts shall be made in the remaining second semester after covering for the minimum guarantee of 30 candidates.
- UTTARAKHAND POWER UTILITIES shall bear all expenses for providing boarding and lodging facilities to the faculty and coordinators for the said Program.

IV. FEES STRUCTURE

- The Course fee for the program shall be Rs.45,000/- per semester per candidate subject to a minimum guarantee of 30 candidates, however UTTARAKHAND POWER UTILITIES has the option to enhance the number of candidates to 50.

V. MODE OF DELIVERY OF PROGRAM

- The mode of learning shall be a combination of periodic contact classes at location and self-study (Online) which will be completed in two years.
- The teaching methodology shall be a combination of Structured Instruction Methodology (SIM)- Structured Classroom Teaching, together with self-paced study material (Online).
- The hours of study, SIM, will involve 2 day classes of 8 (Eight) hours each 2nd or last (Saturday & Sunday) every month.
- The assessment/evaluation would be done online.

ANNEXURE-I

SYLLABUS

COURSE: PGP in Renewable Energy

Program curriculum comprises of introduction to various aspects of renewable and sustainable energy resources. It covers in detail the techno, commercial and regulatory framework; in addition it trains you on key aspects of project management and multi-modal financing options of Energy Projects. The program is delivered in complete hands on learning methods - all-important concepts are explained in detail with real life case studies

MODULE I (Semester -1)

- **Introduction to Energy Sector**

This subject talks about the national and international energy scenario including oil, gas, power and renewable energy. The current international energy statistics in conventional and non-conventional region are depicted.

- **Energy for Sustainable Development**

The efficient utilization of all forms of energy in a sustainable way is the need of the hour and countries are being compelled to check the carbon emission. The importance of the same and different strategies that ultimately lead to the global sustainable development, is discussed in this subject.

- **Renewable Energy Resources and Technologies I**

An introduction of global renewable energy scenario and different forms of energy available on earth, classification, availability, and importance of renewable energy sources are discussed in this subject. The solar energy power plants, wind energy plants and geothermal power plants are discussed in detail.

- **Project Management**

The efficient management of renewable energy projects is most important since any delay in project leads to raised project cost. This subject helps to understand different project management techniques available for the efficient management of massive renewable power projects.

MODULE II (Semester-2)

- **Renewable Energy Resources and Technologies II**

A detailed study of principle behind tidal energy, various types of tidal power plants, construction, global capacity are clearly depicted. Hydro power plants and biomass energy conversion techniques are also discussed in this subject.

- **Renewable Energy Policy Framework**

The global renewable energy policies adopted by different countries and regions are discussed in this subject. The important of renewable energy policy frame work and updates required in the same are clearly introduced.

- **Financing Renewable Energy Projects**

Energy projects in developing countries face multiple challenges from institutional, policy and regulatory level to the market and project level. Thus making it difficult for investors to identify attractive projects. This subjects gives the detailed discussion about the current scenario.

- **Health, Safety and Environment (HSE)**

The HSE is equally important to renewable projects like any other power projects. It discusses the safety aspects and precautions to be maintained in renewable projects during and after installation.