

AYUSHI SHARMA

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Summary

To be a part of an organization that provides me ample opportunity to utilize my skills as a Renewable Energy engineer and at the same time help me learn and improvise.

Skill Highlights

- Excellent oral and written communications skills in English
- Strong project team orientation and networking skills
- Experience utilizing MATLAB/Simulink for Power system simulation and optimization.
- Experience working on PowerFactory.
- Working knowledge with SAP.
- Ability to represent the company well.
- Proficiency in Microsoft Office.

Work Experience

Assistant Professor (Guest) – January 2021- Present

Institute of Renewable Energy Technology & Management of Pt. Ravishankar Shukla University, Raipur.

- Teaching and supervising undergraduate students.
- To deliver teaching across a range of modules or within a subject area, providing curriculum leadership within own area of expertise.
- Assessment and Grading of student work.
- Commitment to innovative and effective learning.
- Maintaining own Professional development.

Management Trainee- January 2020 to June 2020

Mytrah Energy (India) Pvt. Ltd., Hyderabad

- Responsible for Forecasting & Scheduling activities in different sites all over India .
- Responsible for handling DPRs and preparing Reports.
- Responsible for PO/SO making and invoice booking in SAP for F&S Services company and QCAs.
- Interacted directly with Forecasting & Scheduling Services Companies and Qualified Co-ordinating Agency (QCA) regarding methods and results to get day-ahead and week ahead wind data properly.
- Data Processing using Symphonie Data Retriever software, Nomad and other softwares.
- Assessment of wind power projects using Windographer.
- Experience in dealing with contractual agreements (POC of F&S Services company and QCAs).
- Wind Power Plant site visits.
- Handling meteorological datasets for climate monitoring and research of new or existing wind sites.
- Evaluated project feasibilities from a variety of perspective.

- Reviewed and assessed the impact of other environmental conditions, terrain, location, wind direction, heat, atmosphere and mapping to the efficiency of wind power plant.

Renewable Energy Engineering Internship- June 2019 to August 2019
Chhattisgarh Renewable Energy Development Agency (CREDA), Raipur

- Working directly under Chief Engineer of CREDA.
- Interacted directly with various departmental heads (Solar, Hydropower etc.) to collect data required to make a report.
- Dealing with RPO/REC work and checking the compliances of various vendors
- Attending Chhattisgarh State Electricity Regulatory Commission hearings.
- Timely report writing and submission.
- Completed a project with title 'Study on Implementation of Renewable Energy Projects in C.G'.

Education

M.Tech (Renewable Energy Engineering) – 2018-2020
CGPA 9.14
University of Petroleum and Energy Studies, Dehradun, UK.

BE (Electrical & Electronics Engineering) – 2014-2018
First (Honors) with 77.41%
Chhattisgarh Swami Vivekanand Technical University, Bilai, C.G.

Post Graduate Diploma in Computer Application
Dr. C. V. Raman University, Bilaspur

Projects

- 2019-20 Major Project - Feasibility study of wind farm at Nazeerabad site in Telangana using On site mast data.**
 Performed at Mytrah Energy (India) Pvt. Ltd, Hyderabad
- Minor Project - Integration of plastic waste fuel power generation and Solar PV power generation for domestic use.**
 The Hybrid Plant is set up by using Solar PV and Plastic Pyrolysis oil in DG set to power a household. The system modeling and simulation in the MATLAB is done. The main practice was to optimize the energy produced from solar PV in the Plastic Pyrolysis Process.
- 2018-19 GCRF Networking Grant - UK-India Sustainable Development & Research collaboration: Watermills Modernization-cum-Enhancement Planning, Training, Capacity Strengthening and Entrepreneurship Development in Uttarakhand Hill Communities, India**
- 2017-18 Major Project- Enhancement of Skywalk Automation Technique:** The project explores the technology, mechanism, opportunities and future scope of skywalk. The mechanism for running a successful walkator system is explained by constructing a prototype.

Certification

- **Qualified ISO 50001:2018 Energy Management Systems (EnMS) Lead Energy Auditor.**

- Best Presentation Award in Mtech Symposium 2019 at University of Petroleum and Energy Studies, Dehradun, UK.

Co-curricular Activities

- Attended international conference on “**2nd International Conference Workshop on “Energy Innovation Initiatives for Attaining Sustainable Development Goals”**”, under the aegis of NITI Aayog” and performed the responsibility of Rapporteur at UPES Dehradun.
- Secretary of EEE Branch Association at BIT, Raipur.

Personal Profile

Name Ayushi Sharma
D/o Shri Krishna Kumar Sharma
DoB 04th May 1997
Languages English, Hindi
Address Panchjanya School, Adarsh Nagar, Kushalpur, Raipur, (C.G.) Pin: 492001

DECLARATION

I hereby declare that the above furnished information is true to the best of my knowledge.

Date: 02/ 02/ 2021

Place: Raipur

(Ayushi Sharma)