

Company Introduction:

Chakr Innovation is a Series-B funded cleantech start-up founded by graduates from IIT Delhi. We aspire to be the most innovative and successful clean-tech company in the world and are working on multiple technologies to improve air quality and reduce carbon emissions from various sources. One patented technology, that we have already commercialized, reduces particulate matter emissions from diesel engines. **Chakr Innovation is the first and only brand in the country to have the type-approved Retrofit Devices for Diesel Generators.**

The technology is being used by 70 plus corporations across India including Coca-Cola, Toshiba, Kellogg's, Reliance Industries, Reckitt Benckiser, Asian Paints, Tata Group, Mahindra Group, Indian Army, and many more. We are in the process of developing multiple other technologies in the cleantech sector and want to accelerate the world's transition to clean and carbon-neutral technologies. We have grown from 2 founders to a team of over 190 full-time employees and have set up our manufacturing and R&D unit in Pune. We currently have offices in Gurgaon and Chennai and are aggressively expanding to other geographies. We have also been recognized and awarded by multiple national and international institutions including Forbes 30 Under 30, United Nations, the University of Chicago, the American Society of Mechanical Engineers, General Atlantic, Niti Aayog, and many more.

At Chakr Innovation we have some of the most distinguished individual investors and mentors including Mr. Ajai Chowdhry (Padma Bhushan Awardee and founder of HCL), Mr. Jyoti Sagar (founder and Chairman of JSA, one of the largest law firms in India), Dr. Saurabh Shrivastava (Padma Shri awardee and founder of NASSCOM) and Mr Rakesh Tiwari (ex-CEO of SIDBI Venture Capital).

Designation Title: Manager/Senior Engineer/Engineer – Power Systems

Department: NPD

Location: Gurugram/Remote

Role: Engineer, Power Systems

Responsibilities:

- Supervision, execution, modelling, validating, analysis, and simulation for power system.
- Design and review electrical systems using electrical network modelling and simulation software tools.
- Design and review subsequent designs of LT/HT panels.
- Cable sizing for LV/MV systems.
- Reviewing of special purpose Transformer designs.
- Testing & Commissioning of Switchgear and Switchyard.
- Conducting Power flow, Relay settings and Protection coordination, Load profile analysis, Transient Study, Harmonic Study, Short analysis Circuit Study.

Skills/ Attributes/ Experience Required:

- Proficient in modelling, validation, analysis, and simulation for power systems
- Proficient at one or more Electrical network modelling and simulation software tool (eg. PSCAD, DigSILENT Power Factory, ETAP)
- Proficient at LT/HT panel designing.
- Knowledge and experience in cable sizing for LV/MV systems
- Special purpose Transformer Designing
- Knowledge about Testing & Commissioning of Switchgear and Switchyard
- Hands on knowledge about Power flow analysis, Relay settings and Protection coordination, Load profile analysis, Transient Study, Harmonic Study, Short Circuit Study

Required Qualification:

- Bachelor's/Master's degree in Electrical or Power Systems.
- 5-10 years of relevant experience.

Salary range:

We reward talent and believe in acknowledging people for their contributions. We offer industry-competitive compensation.