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.....Public Document.....

Job Description

Format No: CHK/HR/REC/002

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 the carbon emissions from various sources. One patented technology, that we have already commercialised, reduces particulate matter emissions from diesel engines. The technology is being used by 62 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 85 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 recognised and awarded by multiple national and international institutions including Forbes 30 Under 30, United Nations, University of Chicago, American Society of Mechanical Engineers, General Atlantic, Niti Aayog and many more.

You can learn more about our work here: <https://www.youtube.com/watch?v=5-Xyc3kQa14>

We are further developing a new chemistry battery in our R&D center at Gurgaon for energy storage solutions. We are looking for people who can develop the cells and the products to commercialize this technology. Currently, we are a team of 15 people (mix of Post Doc, Phd, BTech) working dedicatedly on developing this product. If you are core enthusiast who would like to work on world changing technology do join us we are looking for people with background from Materials Science, Chemical engineering, Chemistry, Mechanical Engineering, Electrical and electronics etc. Experience of working on electrochemistry is a plus plus.

Job title (designation & department):

Designation: Battery Development Manager

Department: New Product Development

No of positions:

1

Location:

Gurgaon

Roles & responsibilities:

- Improving Power and Energy density of the battery
- Planning and performing battery/cell characterization tests: energy, power, etc.
- Developing tests for battery performance, reliability and safety
- Researching and experimenting on materials, processes etc. which can improve battery performance, reliability and safety
- Reducing the capex and opex cost of the battery



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<p>Chakr Innovations Revolution through pollution</p> <ul style="list-style-type: none">• Creating and maintaining technical documentation• Filing patents on the developed novel technologies• Working with the team to improve and optimize battery performance
<p>What we look for: B.Tech/M.Tech/Phd Mechanical/Materials Science/Chemical/Chemistry</p> <ul style="list-style-type: none">• 3+ yrs of experience of working on batteries and materials• Having In depth understanding on working of batteries and electrochemistry• Understanding and Experience of performing and analysing DOE• Experience of designing and working on creating different jigs for experiments• Experience of designing new testing methods
<p>Salary range: Market-based</p>
<p>Type of role (Duration if temporary): On role/off role, Temporary/Permanent Permanent, on site role</p>
<p>Required skills:</p> <ul style="list-style-type: none">• Plan and analyse DOE• Statistical analysis• Electrochemistry• Attention to detail• Experimentation• Soft skills: Communication and Presentation• Ms Excel, Power point