
Access to Sustainable Energy is fundamental to Sustainable Development. The challenge of energy access is daunting; over a billion people lack access to modern energy services. Our mission at Factor[e] is to be an *innovation factory* for market-based solutions to energy access. We search the globe for promising and disruptive technologies, carefully validate their potential, and then fund their early technology and business development. The end product is a rich pipeline of compelling, impactful social ventures able to attract follow-on investment, grow, and realize their potential. Factor[e]'s innovative model of venture development emphasizes a high level of engagement in a small number of ventures, each selected based on their fit into our investment theses in four key areas; access to productive-use electricity, waste to energy, energy in agriculture, and sustainable transport. We have a team of energy and start-up experts that have helped 100+ ventures launch and scale.

Factor[e] is partnering with Tata Trusts to launch an office in Pune, India to accomplish a set of ambitious objectives: (a) find innovative energy technology startups to invest in within India, (b) gain further understanding of the barriers to energy access within India to inform Factor[e]'s decision-making, (c) help our global portfolio of companies establish manufacturing operations in India when applicable, (d) catalyze impactful and scalable solutions to lack of energy access in India and beyond. Now we're looking for passionate, talented individuals to join our India team...

Position Description: Technical Analyst
July 2016

Factor[e] Ventures is seeking a Technical Analyst for its Pune, India office. He/she will identify and analyze a wide range of energy technologies to assess functionality, efficiency, techno-economic viability, manufacturability, and life cycle sustainability. The analysis will be used to inform investing decisions and aid in de-risking of portfolio company technologies.

Location: Pune, India with occasional travel

Management: This position reports to Factor[e]'s Director of India Operations.

Compensation: Salary will be commensurate with experience and competitive in the social venture industry.

Roles and Responsibilities:

- Performs techno-economic analysis and life cycle assessment a range of energy technologies
- Identifies promising new energy technologies
- Works to understand the mechanisms behind various technologies so as to be a major technical resource for the investment team
- Assists the team in carrying out technical due diligence to inform investment decisions
- Builds and maintains deep understanding of portfolio company technologies
- Helps identify and combat technology risks
- Helps carry out field assignments (pilots, vendor relations, etc.)

Required Qualifications:

- Advanced Degree: BE, BTech, MTech, or PhD in mechanical engineering, energy science, physics, or similar.
- Ability to prioritize and complete multiple tasks efficiently, without sacrificing work quality
- Technical understanding of a variety of energy technologies

- Demonstrated skill in techno-economic modeling (using software tools such as Microsoft Excel, Matlab, or similar)
- Strong written and verbal English communication skills with working proficiency of Hindi (and preferably Marathi).
- Ability to listen carefully, follow direction, adapt according to performance feedback, and work independently
- “Self-starter” work approach that doesn’t always wait to be told what to do
- Positive, collaborative attitude
- Strong interest and alignment with Factor[e]’s mission to accelerate access to energy
- Proficiency in Microsoft Office programs (Word, Excel, Powerpoint, etc)

To Apply: Please submit your resume to talent@factoreventures.org with the subject line “Surname – India Technical Analyst” Please include a cover letter explaining your interest in the position and in joining the Factor[e] team.

Factor[e] Ventures does not discriminate on the basis of race, age, color, religion, origin or ancestry, sex, gender, disability, veteran status, genetic information, sexual orientation, gender identity or expression.

Factor[e] Ventures is committed to providing a safe and productive learning and living community. To achieve that goal, we may conduct background investigations for all final candidates being considered for employment. Background checks may include, but are not limited to, criminal history, national sex offender search and motor vehicle history.