

## Open Position: Mechanical Engineer

Prakti is searching for a Mechanical Engineer with experience in cook stoves to join its team near Pondicherry, in the Auroville area (South India).

Prakti is social enterprise that develops, manufactures, and distributes clean and efficient cook stoves. Prakti stoves help protect forests and the environment by reducing the consumption of biomass fuel for cooking. Prakti stoves also enable significant reductions of cooking fuel expenses, contributing to the economic empowerment of users. As well, Prakti stoves help protect the health of users by reducing toxic smoke compared to traditional cook stoves.

### Responsibilities:

- Develop new products and refine existing clean cook stove products to improve performance, usability, and cost.
- Research comparative product designs, analyze product requirements, generate concepts, produce models, develop and test new materials, rapid prototype, test products
- Document engineering processes and develop manufacturing, testing, user and maintenance manuals
- Ensure products meet quality, safety, production, and sales requirements

### Qualifications:

- Undergraduate or graduate degree in mechanical engineering and at least 2 years of professional experience including interaction with industrial designers and manufacturers
- Passion for designing quality, appropriate products that support poverty alleviation
- Strong skills in research, modeling, rapid prototyping. Strong knowledge of combustion, thermodynamics, heat transfer, materials, manufacturing processes.
- Must be self-motivated, organized, and detail-oriented. Must be able to multi-task, problem-solve, and prioritize in fast-paced, multi-disciplinary, collaborative environments
- Strong, verbal, written, visual presentation skills (proficient in Word, Excel, Powerpoint). Must be able to communicate effectively across cultures and across functions (with design, manufacturing, and marketing colleagues).
- Proficiency in English is a must and proficiency in Indian, Bangladeshi, and Nepali languages is preferred.
- Candidates must be able to obtain an India visa and be willing to work in India.
- Female candidates are strongly encouraged to apply.

Email [jobs@praktidesign.com](mailto:jobs@praktidesign.com) your cover letter (with your dates of availability), resume, and portfolio with “Mechanical Engineer Application” in the subject line to apply. The deadline is **June 30, 2014** and candidates will be considered on a rolling basis. The position will start in July 2014. Please contact us if you have any questions.

