



## JOB OPPORTUNITY AT STRATHMORE UNIVERSITY

**Job Title:** Research Assistant  
**Department:** Strathmore Energy Research Centre  
**Reporting to:** Project Manager

### Basic job summary:

Conduct high quality research to meet the project deliverables

### Duties & Responsibilities:

- Project Initiation:
  - Establish schools social, financial and technical requirements
  - Assist engineers with on-site technical surveys of the schools
  - Innovate survey approach to optimise off site survey method for future
  - Assist in data collection for school impact baselines
  - Innovate impact data collection approach for result gathering
  - Assist in business model communication method and materials
  - Assist in recruitment and management of additional fellow researchers (24 FTE in total)
- Research:
  - Help establish working methods for running the Community Energy Hubs covering the following daytime educational services:
    - IT and laboratory teaching
    - Classroom lighting provision
    - Clean cooking and refrigeration
    - STEM lesson planning and adoption
  - Help establish working methods for running the Community Energy Hubs covering the following community and revenue earning services:
    - Adult IT classes



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- Security lighting provision
- Clean cooking for street food vendors
- Laundry services (washing, drying, ironing service washes)
- Water pumping
- Personal hygiene
- Trial the education and community services working methods with variations for each school as required
- Establish a best practice approach that allows each school's working methods to be compared and improved over a number of trial iterations
- Run the research over a whole year via 4 quarterly cycles establishing hypothesis, operations and measuring finances (savings and revenues) and impact and learning for each cycle to improve best practice
- Help draw viability conclusions and necessary improvements.

## **Minimum Academic Qualifications:**

- Masters/Bachelor's degree in engineering, computer science, IT, social sciences, or a similar related field

## **Experience:**

- One or two years of relevant work experience working in the field of renewable energy research, business development, data management, monitoring and evaluation or a related field

## **Competencies and Attributes**

- Punctuality in accomplishing assigned tasks
- Sense of initiative in accomplishing tasks
- Sense of responsibility
- Good relationship with departmental workers and clients
- Possess analytical skills and creativity
- Team worker

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Are you qualified for this position and interested in working with us? We would like to hear from you. Kindly send us a copy of your updated resume and letter of application (**ONLY**) quoting “*Research Assistant SERC*” on the subject line to [recruitment@strathmore.edu](mailto:recruitment@strathmore.edu) by **22<sup>nd</sup> April 2025**.

Due to the large number of applications we may receive, kindly note that only the shortlisted candidates will be contacted.

Please be advised that Strathmore University is an equal opportunity employer and does **NOT** ask for money from applicants under any circumstances during its recruitment process. Interested applicants are encouraged to exercise caution upon receiving any such interview opportunity that requires payment of any money.

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