



# RECRUITMENT ADVERTISEMENT

## FACULTY OF ENGINEERING & INFORMATION TECHNOLOGY Department of Electrical, Electronic and Computer Engineering

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                      |                     |
|----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|---------------------|
| <b>POST TITLE</b>                                  | <b>Senior Researcher: Energy</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                      |                     |
| <b>REFERENCE NUMBER</b>                            | • 1263                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>CLOSING DATE FOR APPLICATIONS</b> | • 22 September 2017 |
| <b>MINIMUM QUALIFICATION</b>                       | • A relevant Doctorate level degree (i.e. D Tech / Phd / NQF 10 or equivalent)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                      |                     |
| <b>MINIMUM EXPERIENCE &amp; OTHER REQUIREMENTS</b> | <ul style="list-style-type: none"> <li>• At least four years' research / teaching / lecturing experience in the relevant subject field, including experience in the management of research projects</li> <li>• Proven record of twice the number of accredited publications required of Senior Lecturers</li> <li>• Proven record of conference presentations and/or other research outputs in line with the requirements for Senior Lecturers.</li> <li>• Proven record of post-graduate students who obtained M- and D-qualifications under the supervision of the incumbent, double the number required of Senior Lecturers.</li> <li>• Involvement in at least one community-related research project</li> <li>• Mentor experience at supervision level (M and D students).</li> </ul> |                                      |                     |
| <b>DESIRED QUALIFICATION AND/OR EXPERIENCE</b>     | In addition to the above minimum requirements, the following are an advantage <ul style="list-style-type: none"> <li>• Proof of the achievement of one or more of the criteria at Associate Professor-level</li> <li>• Proven record of external funding applications, awards and management.</li> <li>• Academic credibility as recognised by peers and the scientific and/or business environment.</li> <li>• Proof of a national and international network in the academic environment and related industry.</li> <li>• Research project management experience.</li> </ul>                                                                                                                                                                                                              |                                      |                     |
| <b>DIRECT ENQUIRIES TO</b>                         | • Prof. K Kusakana @ 051 507 3090 / kkusakana@cut.ac.za                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                      |                     |

### MAIN TASKS

|                                                  |                                                                    |
|--------------------------------------------------|--------------------------------------------------------------------|
| 1. Lead and conduct research in identified field | 2. Develop and manage a research focus area in the faculty         |
| 3. Supervision of post-graduate students         | 4. Contribute toward a vibrant research environment in the Faculty |

### IMPORTANT INFORMATION REGARDING YOUR APPLICATION

*(Kindly ensure that you read and comply before submitting your application)*

- Please complete a separate application form for each post.
- The University may decide to consider only completed applications consisting of ALL the documents listed below for selection.
  - A completed and signed CUT application form;
  - A comprehensive Curriculum Vitae;
  - A **certified** copy of a South African identity document or a passport;
  - A complete set of **certified** copies of qualifications (only certified copies of documents are required. Please do NOT submit any original documents); and
  - A **certified** copy of the SAQA accreditation of any qualifications obtained at education institutions outside South Africa.

### GENERAL REMARKS

- Candidates will be recruited and appointed in accordance with the Employment Equity and Affirmative Action Programmes of the Central University of Technology, Free State.
- The Central University of Technology, Free State reserves the right to conduct/employ a third party to conduct a background investigation in respect of all short-listed candidates.
- Correspondence will be limited to short listed candidates only.
- The Central University of Technology, Free State reserves the right not to make an appointment in the advertised post and/or to appoint other suitable persons recruited by means other than this advertisement. Appointment, either on a permanent or contract basis, will be negotiated with the successful candidate.
- Application forms are available from the Human Resources section, ZR Mahabane Building, CUT Campus, Bloemfontein or on CUT's website.
- Complete applications, quoting the specific reference number, should reach CUT on or before the closing date via:

#### **By hand:**

The Resourcing office, Human Resources  
Central University of Technology, Free State  
ZR Mahabane building  
20 Pres. Brand Street  
Bloemfontein

#### **By mail:**

The Resourcing Office, Human Resources  
Central University of Technology, Free State  
ZR Mahabane building  
Private Bag X20539  
Bloemfontein, 9300

#### **By e-mail:**

[jobs@cut.ac.za](mailto:jobs@cut.ac.za)