



# VACANCY

**POST DOCTORAL RESEARCH FELLOWSHIP**  
**(3 Posts)**  
**Ref 08/162/AL**

*3 POSTDOCTORAL FELLOWSHIP POSITIONS in Innovation and Technology Transfer research are available starting February, 2010 in the SARCHI/DST Programme of the Institute for Economic Research on Innovation Tshwane University of Technology South Africa. We seek highly motivated and technically accomplished individuals who are interested in advancing innovation research in Africa.*

## **Minimum requirements**

- A doctorate in an inter-disciplinary field (related to science, technology and innovation).
- Research experience in science, technology and innovation policy areas would be an advantage.
- Proven track record of research and publication is essential.
- Excellent written and oral communication, presentation and computer skills as well as ability to work with students, to conduct workshop/seminar etc., are required.

## **Core functions**

- Conducting research and publishing research reports in the area of innovation.
- Preparation of research proposals for funding and contribution to the general development of research capacity in the Institute.
- Supervision of postgraduate students including participation in the African Globelics Academy for Research, Innovation and Capability (AGARIC)
- Making expert contributions to the development of the African Journal of Science, Technology, Innovation and Development. This will include running focused workshops to generate special publications in the journal
- Limited teaching in undergraduates, short courses and postgraduate programmes.
- Participation in IERI's link programmes with other universities.
- Participation in community service projects.
- Industry liaison and involvement in the development of new curriculum.

- *Establishing networks and linkages with other national and international research institutions and funding organisations.*

### **Research Scope**

*The purpose is to conduct research linking science, technology, innovation and knowledge to the political economy of African integration by focusing on both formal and informal cross border consumer-producer interactions within the RECs such as SACU, SADC and other models like the AU and NEPAD. This will also include how knowledge from South Africa can be integrated with the rest of Africa.*

*Researches related to the following thematic issues are also encouraged:*

- *High technology applications of information and communication technologies, biotechnologies, cognitive technologies and nano-technologies to African development issues.*
- *Broad-based and community level technical innovation and knowledge applications in agriculture, forestry, biodiversity, food, energy, health and environment.*
- *Conversion of indigenous knowledge into innovations at the community level*
- *Co-evolution of agriculture, manufacture and services through a combination of high-tech and broad-based innovation as well as linkages amongst Government, industry, university and community*

*It is required that applicants submit at least a five-page research proposal and a two-year plan of how they intend to undertake research and publish their works by selecting a research question that is related to any of the above areas.*

*Enquiries: Prof Mammo Muchie, tel. 012 382 3078*

*Send your CV to: [recruitment@tut.ac.za](mailto:recruitment@tut.ac.za)*

*If no response is received from us within eight weeks, please accept that your application has been unsuccessful.*

*Closing date: 15 January, 2010*