



**Mangosuthu
University of Technology**



MANGOSUTHU UNIVERSITY OF TECHNOLOGY

Position: Post Doctoral Scientist: Biology

Reference: PlantBio 02

Mangosuthu University of Technology and the PlantBio Trust, a National Innovation Centre Plant Biotechnology, established by the Department of Science and Technology, seek to recruit a Post-Doctoral Biologist to act as a Senior Researcher in the field of microalgae physiology.

This is a challenging and highly collaborative project which aims to physiologically characterize isolated indigenous strains of microalgae. Collaborators from the CSIR Biosciences and the Durban University of Technology (Department of Biotechnology) represent national leaders in the area of microalgae biotechnology. Training in the use of specialized instrumentation and characterization protocols would be provided.

Location:

Mangosuthu University of Technology, Mangosuthu Highway, Umlazi. Five minutes from the Durban International Airport and the N2 Highway.

Responsibilities

- Overseeing the culturing and maintenance of isolated strains of microalgae
 - Undertake the physiological characterization of isolated strains
- Compile scientific reports

The successful candidate will have:

- A PhD degree in Biology.
- Hands on experience in culturing and maintaining of microalgal strains.
- Evidence of innovation and initiative.
- Understanding the photo-physiology of microalgae would be an important advantage.
- Excellent communication and interpersonal skills and the ability to perform in a multi-disciplinary and multi-cultural research environment.

Fluency in spoken and written English.

Terms of appointment and Funding

The appointment is for two years and is funded by PlantBio (www.plantbio.org.za).

Applications:

Applicants should send a cover letter indicating earliest availability, curriculum vitae and the names and addresses (including telephone, fax and email) of three referees who are knowledgeable about the candidate's professional qualifications and work experience to:

Dr. Akash Anandraj: email: akash@mut.ac.za or Fax to: 0866 188 012 / Tel: 031 9077627

CLOSING DATE: 15h00, on the 15th August 2009