

**APPLICATIONS ARE INVITED FROM INTERESTED PERSON(S) FOR THE
UNDERMENTIONED POSITION. THE ADVERT IS OPEN TO BOTH INTERNAL AND
EXTERNAL APPLICANTS**

Institute for Water and Wastewater Technology

POSTDOCTORAL FELLOWSHIP

A Post-doctoral Fellow (PDF) supports research and other activities as specified by the Hosting entity. The Postdoctoral Fellowship Programme aims to provide opportunities for postdoctoral candidates to conduct innovative research, publish, and increase knowledge in the specified expertise. We, therefore, seek candidates who will fulfill the following objectives:

1. To place DUT at the forefront of research and innovation
2. To generate new knowledge and transfer knowledge and skills
3. To enable outstanding doctoral graduates to obtain experience in research and innovation at DUT
4. To provide an opportunity to promising young researchers from different universities to enhance their research skills and expertise
5. To expand on existing research and ideas and to pursue new lines of research
6. To interact with other academics and post-doctoral fellows
7. To emphasise an increase in publication outputs
8. To establish and enhance the South African intellect
9. To develop knowledge for stakeholders such as the government, business, industry, and social communities
10. To promote national and international conference attendance by post-doctoral fellows and the presentation of research papers at these conferences.

This advert is specifically seeking applicants with in the field of Water Quality and Algal Biotechnology.

BACKGROUND

The Institute for Water and Wastewater Technology at the Durban University of Technology is seeking two suitably qualified candidates to undertake postdoctoral fellowships at the institute in the field of Water Quality Assessment and Algal Biotechnology.

SCOPE AND RESPONSIBILITIES

FOCUS AREA 1: WATER QUALITY

Preferred: A strong background in water quality assessment/ wastewater treatment

Minimum Qualification: Ph.D in Biotechnology/Microbiology/Chemistry/Environmental or Civil Engineering with a strong knowledge of the treatment process.

FOCUS AREA 2: ALGAL BIOTECHNOLOGY

Preferred: A strong background in algae cultivation from laboratory to demonstration scale using various growth media, harvesting and drying biomass, and several applications of algae biomass (fertiliser, biofuel, bioplastics, feed/food, etc).

Minimum Qualification: Ph.D in Biotechnology/Microbiology/Environmental Science.

1. VALUE PER ANNUM:

- R320 000

2. ELIGIBILITY CRITERIA

- PhD certificate (completed within five years)
- Publications in DHET-accredited journals

3. APPLICATION PROCESS

- a. **Apply online** at: [Application for admission as a Researcher \(PDF/RA/RF\) at DUT](#)
- b. Supporting documents must be **EMAILED** as ONE Combined PDF Document to iwwtpdf@dut.ac.za
- c. **Please do not use** the email address given on the website.
- d. Please use the code **PDF-2026-W** as the Reference Number and the My Reference Code.

4. Only applications with the reference number/code **PDF-2026-W** will be considered.

5. **DURATION OF TENURE:** 12 months, renewable, subject to evidence of progress and availability of funding.

6. **CLOSING DATE OF APPLICATIONS: 24 June 2026**

7. **POST-DOCTORAL FELLOWSHIP START DATE: 1 August 2026**

8. The following supporting documents must be **EMAILED** as ONE Combined PDF Document to iwwtpdf@dut.ac.za

9. Supporting documents submitted to any other email account **will not be considered or opened:**

- a. A full Curriculum Vitae
- b. Official certified Academic transcripts of all degrees and the corresponding certified copies of the Degree certificates.
- c. A certified copy of the identity document details page or passport details page.
- d. Visa (required from successful International Researchers only).
- e. Medical certificate (required from successful International Researchers only. For SA Citizens and SA Permanent Residents, it is not required).
- f. Two reference letters, one of which must be from the Doctoral Supervisor.

Applications with incomplete documents will not be considered.