

MAURITIUS CANE INDUSTRY AUTHORITY

NOTICE OF VACANCIES

The Mauritius Cane Industry Authority, set up by the Mauritius Cane Industry Authority Act No 40 of 2011, is a parastatal body operating under the aegis of the Ministry of Agro-Industry and Food Security.

Applications are invited from suitably qualified candidates for the following positions on a contractual basis to work in its MSIRI Department:

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| (1) | Research Assistant (Drone Tech) (Ref R/A/DT/2018) | (4) | Research Assistant (DNA Barcode) (Ref R/A/DNA/2018) |
| (2) | Research Assistant (CRISPR) (Ref R/A/CRISPR/2018) | (5) | IT Research Analyst (Cloud Computing) (Ref IT/AA/CC/2018) |
| (3) | Research Technician (Ref RT/CRISPR/2018) | | |

Post 1: Research Assistant (Drone Tech)

Qualifications:

Candidates should:

- possess a Degree in either Agriculture (specialisation in Agricultural Engineering) or GIS/Remote Sensing or Information Technology
- have the ability to assemble to maintain electrical and mechanical systems associated with drones*
- have the ability to work in fields and be IT Fluent for downloading, transfer and processing of data.

*The selected candidate (s) will be offered training to qualify as Drone Pilot

Note:

A post graduate degree in a field related to GIS or Remote Sensing or Geo Informatics or Surveying/Mapping Science will be an advantage.

Proposed Monthly Salary: Rs. 23,000

Main Duties:

The selected candidate (s) will be required to work on a research project entitled "Developing Application with Drone Technology for Monitoring and Improving Sugar-cane Production".

Post 2: Research Assistant (CRISPR)

Qualifications:

Candidates should:

- possess a Degree in Life Sciences, with at least upper second class
- possess a post graduate Degree in Plant Biotechnology or Molecular Biology or Synthetic Biology or a closely related subject
- have research experience in tissue culture and/or genetic transformation techniques, bioinformatics, molecular biology techniques, including design of gene constructs and molecular cloning
- have the ability to design and carry out experiments independently, maintain complete accurate and timely records of experimental data and procedures
- Demonstrate ability to publish in peer reviewed journals as well as display high degree of motivation for research work.

Proposed Monthly Salary: Rs 23,000

Main Duties:

The selected candidate will be required to work on a research project entitled "Application of CRISPR, a new breeding technique, to sugar cane improvement".

Post 3: Research Technician (CRISPR)

Qualifications:

- Candidates should possess a Degree in Biotechnology or Molecular Biology
- Display high degree of motivation for research work.

Proposed Monthly Salary: Rs. 19,000

Main Duties:

The selected candidate will be required to work on a research project entitled "Application of CRISPR, a new breeding technique to sugar cane improvement".

Post 4: Research Assistant (DNA Barcode)

Qualifications:

Candidates should:

- possess a Degree (at least upper 2nd class) in Biological Sciences or Biotechnology or other related fields
- have practical experience of general molecular biology work, including but not limited to nucleic acid extractions and purifications, PCR, gel electrophoresis and bioinformatics/ sequence analysis
- be ready to perform field work
- Demonstrate a high degree of motivation for research work.

Note:

A post graduate Degree in Molecular Biology or any related fields would be an advantage.

Proposed Monthly Salary: Rs. 23,000

Main Duties:

The selected candidate will be required to work on a project entitled "Setting up of the Mauritius Bar Code of Life (MBOL): Application of DNA barcoding for Agricultural Insect Pest Management."

Post 5: IT Research Analyst (Cloud Computing)

Qualifications:

Candidate should:

- possess a Degree in Software Engineering/Information Systems/Computer Studies
- have experience in relational databases, cloud computing and database management system.

Note:

In the absence of suitable candidates, Diploma holders with at least 5 years relevant experience may be considered.

Proposed Monthly Salary: Rs 13,000

Main Duties:

The IT Assistant Analyst will be required to work on a project entitled "Leveraging Cloud Computing to build an advanced data Analytics platform for sugarcane research and crop monitoring". He will be required to provide support in the computer systems development phases, cloud computing and assist in data acquisition.

Note:

The selected candidates for any of the above positions will report to the Director, MSIRI Department or any Officer deputed by him and should *have good interpersonal, organising and problem-solving skills and be able to work in a research team, possess strong written and oral communication skills, be able to work under pressure and tight deadlines.*

Mode of Application

Prescribed forms obtainable at the MCIA Head Office, MSIRI Complex, Réduit, should be duly filled, attaching copies of certificates and addressed in a sealed envelope with the mention of the reference on the top right-hand corner, to the **Chief Executive Officer, Mauritius Cane Industry Authority, Réduit 80835**, so as to reach him **not later than Friday 22nd June, 2018 at 3.00 p.m.** Details of the advertisement and application form are also available at <http://www.msiri.mu>

Notes:

- Late applications will not be considered.
- Only the best candidates will be called for the selection exercise.
- The Authority reserves the right not to make any appointment as a result of this advertisement.

6 June 2018

Chief Executive Officer