



## MAURITIUS INSTITUTE OF EDUCATION

### **Research Assistant: Developing and Implementing Interactive Tools for the Teaching and Learning of Mathematics at lower secondary (2020-2021)** **(On Contract Basis)**

Applications are invited from suitably qualified candidates to work on a contract basis as Research Assistant at the MIE **for a period of six months as from mid-October 2020.**

This position will support the MIE Research team in implementing the use of interactive tools in the teaching and learning of Mathematics at lower secondary.

#### **Minimum Qualifications:**

- A degree holder, preferably in the field of Mathematics and/or Computer Science.

Candidates should:

- be IT literate;
- be conversant with Microsoft office tools;
- be able to design educational Applets;
- be able to conduct interviews, perform data transcription, data entry and data analysis;
- be proficient in oral and written English;
- display high professional ethics;
- be able to execute instructions in a swift and efficient manner;
- be immediately available to start the research work;
- shoulder administrative responsibility; and
- conversant with qualitative and quantitative data analysis.

Professional experience in teaching of Mathematics, knowledge Adobe InDesign and Photoshop as well as experience in writing research papers and publication will be an advantage.

**Duties:**

The Research Assistant is expected to carry out the following duties:

- develop interactive tools using appropriate software;
- to liaise with research team and participants;
- help in the implementation of the interactive tools in schools;
- collect, input and analyze quantitative and qualitative data;
- transcribe interviews;
- work with Microsoft Office tools such as Word, Excel and statistical software relevant to the project;
- fluency in written and oral communication in English language;
- to use Information and Communication Technology in the performance of his/her duties; and
- to perform other duties directly related to the main duties as listed above or related to the delivery of the output and results expected from incumbents in the roles ascribed to him/her according to his/her posting.

Remuneration: A flat rate of Rs 23,500/= per month will be paid subject to satisfactory performance. All travelling expenses (to attend official duties only) will be refunded at bus rate.

Applications should be submitted in two copies on the prescribed form obtainable at the Reception Desk, Mauritius Institute of Education, Réduit during office hours on weekdays or can also be downloaded from our website: <http://www.mie.ac.mu>.

Application forms duly completed and supported by photocopies of birth, educational certificates and all relevant documents should reach the **Office of the Registrar, Mauritius Institute of Education, Réduit**, at latest by **Wednesday 07 October 2020 at 15 00 hrs.** Candidates must produce written evidence of any experience claimed.

**Late applications will not be considered.**

The Mauritius Institute of Education reserves the right:

- (i) to interview only the most suitable applicants; and
- (ii) not to make any appointment as a result of this advertisement nor to assign any reason thereof.

**Interested candidates are requested to contact the Office of the Registrar, 7<sup>th</sup> Floor, MIE Tower, Réduit for any additional information.**

**Mauritius Institute of Education**

**Réduit**

**Tel: 401 6555**

**Fax: 454 1037**

**[registrar@mie.ac.mu](mailto:registrar@mie.ac.mu)**

**[www.mie.ac.mu](http://www.mie.ac.mu)**

**Date: 21 September 2020**