UNIVERSITY *of* RWANDA

COLLEGE OF SCIENCE AND TECHNOLOGY

Job Re-Advertisement

The University of Rwanda/College of Science and Technology (UR-CST), would like to recruit competent and qualified academic and support staff to occupy vacant posts under the Priority Skills for Growth (PSG) Program as shown in the table below:

School	Program	Position/academic Rank	Number of Positions	Employment type	Requirements
Engineering	BSc Transportation Engineering	Professor/ Associate Professor	1	Under contract	1. **PhD in Civil Engineering-Transportation or related field with specialization in**: Transportation Engineering/ Traffic Engineering / Transport Planning &Engineering/Transport Infrastructure Design and Construction 2. Showing a proof of publication in recognized peer reviewed journals (*at least 9 publications in the field of transportation for the position of Associate Professor or at least 15 publications in the field of transportation for the position of Full Professor*) 3. Having proof of teaching experience from a recognized institution of higher learning

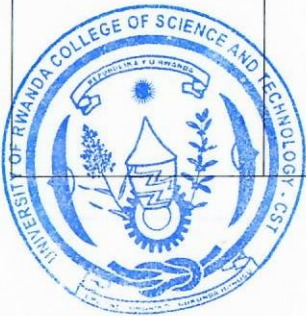|					
					(*at least 2 years as Senior Lecturer for the position of Associate Professor or 2 years as an associate Professor for the position of Full Professor*). 4. Having supervised at least 5 PhD students or 15 Masters or 45 Bachelor's dissertations or 150 Research affiliates. 5. Proof of grant income criteria as prescribed in the UR Academic Promotion and appointment policy 6. Being a proactive teacher, who is professional with teamwork skills and have the ability to conduct research independently 7. Having Proficiency in transport planning and engineering modelling, design and simulation Software such as PTV VISSIM/VISSUM,TRANSCAD, PARAMICS, Emme, OMNITRANS, METRONAMICA, AASHTOWARE, SUPERPAVE Software, HIPAVE, CIRCLY, Linsig or SYNCHRO, Civil 3D or InRoads, etc. is an added advantage
		Senior Lecturer/Lecturer	1	Under contract	1. PhD in Civil Engineering- Transportation/ PhD in Urban &Regional Planning-Transportation/ or related field 2. Showing a proof of publication in recognized peer reviewed journals (*at least 2 publications in the field of transportation for the position of Lecturer or at least 5 publication in the field of*

						transportation for the position of Senior Lecturer) 3. Having proof of 3 years teaching experience from a recognized institution of higher learning. 4. Having supervised at least 2 Masters students *(for the position of Senior Lecturer)*. 5. Having proficiency in one or more transport planning and engineering modelling, design and simulation Software such as PTV VISSIM/VISSUM, TRANSCAD, PARAMICS, Emme, OMNITRANS, METRONAMICA, etc. is a must. Practical skills in the use of advanced statistical packages and advanced GIS spatial analysis is a plus.
		Senior Lecturer/Lecturer	1		Under contract	1. PhD in Civil Engineering-Geotechnical/ Geotechnical Engineering or related field 2. Showing a proof of publication in recognized peer reviewed journals (at least 2 publications *in the field of geotechnical engineering* for the position of Lecturer or at least 5 publication points for the position of Senior Lecturer) 3. Having proof of 3 years teaching experience from a recognized institution of higher learning. 4. Having supervised at least 2 Master students (for the position of Senior Lecturer).

					5. Having Proficiency in geotechnical engineering , geotechnical design and modeling Software such as Geostudio, Midas, Plaxis, or any other geotechnical engineering software etc. is an added advantage
		Lab Technician	2	Under contract	Having a Bachelor of Science degree in: Civil or Transportation or Geotechnical engineering with practical skills in any of the following: pavement materials testing, geotechnical investigations, transportation and highway material testing. Having experience of working in transportation infrastructure construction related laboratory is an added advantage.
		Lab Technician	1	Under contract	Having a Bachelor of Science degree in: Land Surveying or Surveying and Geomatics Engineering or Geo-informatics or equivalent field with proven experience in the use of topographic equipment (Such as DGPS, Total Station, spirit levels, etc) in transport infrastructure constructions like roads, airports, railways etc. Proven practical skills in the use of GIS, remote sensing and other spatial planning software is an added advantage.
		Lab Technician	2	Under contract	Having a Bachelor of Science degree in: Computer Engineering or Information Technology or software engineering or related

					field with practical skills in computer maintenance, networking, programing, etc.
		Lab Technician	1	Permanent	Having a Bachelor of Science degree in: Water and Environmental Engineering, Water Engineering, or Hydraulics Engineering with practical skills in Hydraulics Engineering and using related equipment. Having experience of working in industry of related field is an added advantage.
	BSc Electrical Power Engineering	Professor/ Associate Professor	1	Under contract	1. Having a PhD in one of the following areas: ✔ Electrical Power Engineering, ✔ Energy Engineering, ✔ Renewable Energy, ✔ Electrical Engineering, ✔ Other related field 2. Showing a proof of publication in recognized peer reviewed journals (*at least 9 publication points for the position of Associate Professor or at least 15 publication points for the position of Full Professor*) 3. Having proof of teaching experience from a recognized institution of higher learning (*at least 2 years as Senior Lecturer for the position of Associate Professor or 2 years as an associate Professor for the position of Full Professor*). 4. Having supervised at least 5 PhD students or 15 Masters or 45 Bachelor's dissertations or 150 Research affiliates.

					5. Proof of grant income criteria as prescribed in the UR Academic Promotion and appointment policy 6. Being a proactive teacher, who is professional with teamwork skills and have the ability to conduct research independently 7. Having Proficiency in Modelling, Design and Simulation Softwares such as MATLAB/SIMULINK, PSCAD, HOMER GRID/PRO, SCADA DESIGN or any other simulation software, etc is an added advantage

		Senior Lecturer/Lecturer	2	Under contract	1. Having a PhD in one of the following areas:
					    ✔ Electrical Power Engineering,
					    ✔ Energy Engineering,
					    ✔ Renewable Energy,
					    ✔ Electrical Engineering,
					    ✔ Other related field
					2. Showing a proof of publication in recognized peer reviewed journals (*at least 2 publication points for the position of Lecturer or at least 5 publication points for the position of Senior Lecturer*)
					3. Having proof of 3 years teaching experience from a recognized institution of higher learning.
					4. Having supervised at least 2 Masters students *(for the position of Senior Lecturer)*.

					5. Being a proactive teacher, who is professional with teamwork skills and have the ability to conduct research independently Having Proficiency in Modelling, Design and Simulation Softwares such as MATLAB/SIMULINK, PSCAD, HOMER GRID/PRO, SCADA DESIGN or any other simulation software, etc is an added advantage
		Lab Technician	1	Under contract	Having a BSc in one of the following areas: ✔ Electrical Power Engineering, ✔ Energy Engineering, ✔ Renewable Energy, ✔ Electrical Engineering, ✔ Other related field
	BSc Energy Engineering	Professor/ Associate Professor	1	Under contract	1. Having a PhD in one of the following areas: ✔ Energy Engineering, ✔ Renewable Energy ✔ Electrical Power Engineering, ✔ Energy Management ✔ Other related field 2. Having a proof of publication in recognized peer reviewed journals (*at least 9 publication points for the position of Associate Professor or at least 15 publication points for the position of Full Professor*)

					3. Having proof of teaching experience from a recognized institution of higher learning (*at least 2 years as Senior Lecturer for the position of Associate Professor or 2 years as an associate Professor for the position of Full Professor*). 4. Having supervised at least 5 PhD students or 15 Masters or 45 Bachelor's dissertations or 150 Research affiliates. 5. Proof of grant income criteria as prescribed in the UR Academic Promotion and appointment policy. 6. Being a proactive teacher, who is professional with teamwork skills and have the ability to conduct research independently 7. Having Proficiency in Modelling, Design and Simulation Softwares such as SolidWorks, MATLAB, HOMER, FEM software (ANSYS, COMSOL MULTIPHYSICS or any other simulation software), etc is an added advantage
		Senior Lecturer/Lecturer	2	Under contract	1. Having a PhD in one of the following areas: ✔ Energy Engineering, ✔ Renewable Energy ✔ Electrical Power Engineering, ✔ Energy Management ✔ Other related field 2. Showing a proof of publication in recognized peer reviewed journals (*at least*

					2 publication points for the position of Lecturer or at least 5 publication points for the position of Senior Lecturer) 3. Having proof of 3 years teaching experience from a recognized institution of higher learning. 4. Having supervised at least 2 Masters students *(for the position of Senior Lecturer)*. 5. Being a proactive teacher, who is professional with teamwork skills and have the ability to conduct research independently 6. Having Proficiency in Modelling, Design and Simulation Softwares such as SolidWorks, MATLAB, HOMER, FEM software (ANSYS, COMSOL MULTIPHYSICS or any other simulation software), etc is an added advantage
		Lab Technician	1	Under contract	Having a BSc in one of the following areas: ✔ Mechanical and Energy Engineering, ✔ Electrical Engineering
	BSc Plant Engineering	Professor/ Associate Professor	1	Under contract	1. Having a PhD in one of the following areas: ✔ Mechanical Engineering ✔ Material Science, ✔ Mechatronics ✔ Electromechanical Engineering, ✔ Industrial Automation ✔ Other related field

					2. Showing a proof of publication in recognized peer reviewed journals (*at least 9 publication points for the position of Associate Professor or at least 15 publication points for the position of Full Professor*) 3. Having proof of teaching experience from a recognized institution of higher learning (*at least 2 years as Senior Lecturer for the position of Associate Professor or 2 years as an associate Professor for the position of Full Professor*). 4. Having supervised at least 5 PhD students or 15 Masters or 45 Bachelor's dissertations or 150 Research affiliates. 5. Proof of grant income criteria as prescribed in the UR Academic Promotion and appointment policy 6. Being a proactive teacher, who is professional with teamwork skills and have the ability to conduct research independently 7. Having Proficiency in Modelling, Design and Simulation Softwares such as SolidWorks, MATLAB, HOMER, FEM software (ANSYS, COMSOL MULTIPHYSICS or any other simulation software) etc is an added advantage

		Senior Lecturer/Lecturer	2	Under contract	1. Having a PhD in one of the following areas:
					  ✔ Mechanical Engineering
					  ✔ Mechatronics/Electromechanical Engineering,
					  ✔ Industrial Automation
					  ✔ Other related field
					
					2. Showing a proof of publication in recognized peer reviewed journals (*at least 2 publication points for the position of Lecturer or at least 5 publication points for the position of Senior Lecturer*)
					3. Having proof of 3 years teaching experience from a recognized institution of higher learning.
					4. Having supervised at least 2 Masters students *(for the position of Senior Lecturer)*.
					5. Being a proactive teacher, who is professional with teamwork skills and have the ability to conduct research independently
					6. Having Proficiency in Modelling, Design and Simulation Softwares such as SolidWorks, MATLAB, HOMER, FEM software (ANSYS, COMSOL MULTIPHYSICS or any other simulation software) etc is an added advantage

		Lab Technician	1		Permanent	Having a BSc in one of the following areas: ✔ Mechanical Engineering ✔ Industrial maintenance ✔ Or equivalent

Required documents

1. Application letter addressed to the Principal

2. Degree Certificates (BSc degree; MSc degree; PhD degree).

3. Proof of document showing the membership of any professional body

4. Curriculum Vitae including a list of publications

5. National ID or passport

Application procedure:

Interested candidates should submit their applications to the following email **hrcstoffice@gmail.com** and copy to **o.nirere@ur.ac.rw**. The deadline of application is ..3.1./..0.8.../2021.

Done at Kigali on .0.5./.0.8./2021

Dr. Ignace Gatare
Principal, College of Science and Technology
University of Rwanda