NAMIBIA UNIVERSITY OF SCIENCE AND TECHNOLOGY

Vacancies

WE ARE HIRING

Faculty of Engineering and the Built Environment

Department: Mechanical, Industrial and Electrical Engineering

Background

RIBS Project -RIBS is the acronym for "Rangeland Improvement through bush control and sustainable intensification to mitigate climate change and improve livelihoods and food security in Southern Africa." The project aims to contribute to developing tools that will aid in policy review to support end-users on rangeland rehabilitation to mitigate climate change. At the Namibia University of Science and Technology (NUST), the aim is to develop and improve labour-intensive and environmentally sustainable de-bushing and bush feed production technologies in Namibia.

Temporary contract opportunities exist under the DMIEE RIBS Projects for the following positions:

Project Administration and Communications Officer
One (1) - year contract

Requirements

A Bachelor's – and/or Honours degree (NQF Level 7/8) in administration, project management, communication, marketing, logistics, or a related field with at least two (2) years of working experience in an administration, communication, logistics, or marketing environment. Experience working with donor funded projects would be an advantage. Excellent English communication (both oral and written), organisational, interpersonal, and administrative skills. A self-starter and initiator with the ability to maintain confidentiality and to be organised and efficient in work processes while being creative, flexible, and promoting innovation.

Key Performance Areas

Market, communicate, and disseminate activities associated with the RIBS projects. Provide secretarial and administrative support; manage the general office operations; manage efficient financial administration and record-keeping; facilitate accurate pricing and cost of external projects. Maintain the filing system; receive, analyse, prepare, and review correspondence, agendas, financial plans, memoranda, internal and external communications, and reports; respond accurately and efficiently to all enquiries; and carry out other duties as assigned by superiors.

Four (4) x Junior Research Assistants (Mechanical and Industrial Engineering)
One (1) - year contract

Requirements

A Bachelor's – and/or Honours degree (NQF Level 7/8) in Mechanical or Industrial Engineering, or a related field. Excellent knowledge of 3D computer-aided drawing tools such as SolidWorks, etc. Excellent English communication (both oral and written), organisational, interpersonal, and administrative skills. Ability to solve complex problems within a complex project setting and process. Ability to apply fundamental mechanical and/or industrial engineering fundamentals. Ability to encourage and enable people to work together as a team to accomplish the project. Ability to provide information regarding tasks, plans, schedules, strategies, and organisational structure to stakeholders. Ability to keep projects moving toward successful completion in the face of aggressive schedules. Ability to identify, analyse and respond to risk factors throughout the life of a project and in the best interests of its objectives.

Key Performance Areas

Apply fundamental Engineering concepts to various design, thermo-fluid simulation, and optimisation processes. Design and perform all workshop fabrication of prototypes and assembly. Conduct all field testing of prototypes and the collection of data for analysis. Publish a journal article on the fulfilment of project deliverables and the outcome of the work. Communicate and disseminate activities associated with the RIBS projects. Assist in the administration of the project. Perform a technical assessment of all bushes harvesting and bush feed production methods by focusing on the social, economic, and environmental sustainability evaluation. Conduct stakeholder needs analysis for consultancy services, lay the foundation for establishing the NUST consultancy service for the local industry.

Junior Research Assistant (Electrical Engineering) – One (1)-year contract

Requirements

A Bachelor's – and/or Honours degree (NQF Level 7/8) in Electrical Engineering, or a related field. Excellent knowledge of 3D computer-aided drawing tools such as SolidWorks, etc. Excellent English communication (both oral and written), organisational, interpersonal, and administrative skills. Ability to solve complex problems within a complex project setting and process. Ability to apply fundamental mechanical and/or industrial engineering fundamentals. Ability to encourage and enable people to work together as a team to accomplish the project. Ability to provide information regarding tasks, plans, schedules, strategies, and organisational structure to stakeholders. Ability to keep projects moving toward successful completion in the face of aggressive schedules. Ability to identify, analyse and respond to risk factors throughout the life of a project and in the best interests of its objectives. Ability to be organized and efficient in work processes while being creative, flexible, and promoting innovation. ve schedules. Ability to identify, analyse and respond to risk factors throughout the life of a project and in the best interests of its objectives.

Key Performance Areas

Apply fundamental Electrical Engineering concepts to various design, simulation, and optimisation processes. Lead the design and installation of electrical components for the construction of de-bushing and Bush Feed production machines. Publish a journal article on the fulfilment of project deliverables and the outcome of the work. Communicate and disseminate activities associated with the RIBS projects. Assist in the administration of the project. Perform a technical assessment of all bushes harvesting and Bush Feed production methods by focusing on the social, economic, and environmental sustainability evaluation.

Four (4) x Engineering Interns (Mechanical and Electrical Engineering)
Six (6) -months' contract

Requirements

Excellent knowledge of 3D computer-aided drawing tools such as SolidWorks, etc. Design and perform all workshop fabrication of prototypes and assembly. Apply fundamental engineering concepts to various designs and thermo-fluid simulation. Conduct all field testing of prototypes and the collection of data for analysis. Assist in the design and construction of de-bushing and bush-feed production machines.

Contact: Mrs Elzene van Wyk
T: +264 61 207 2082
E: evanwyk@nust.na

EMPLOYEE VALUE PROPOSITION

- Compensation
- Career and Personal Growth
- Work and Environment
- Rewards and Recognition
- Benefits

Join NUST to advance your career and shape Namibia's future in a supportive and nurturing community of learning.

Closing Date:

14 JUNE 2024

KEY PERFORMANCE AREAS

Teach, assess, and develop curriculum, conduct community service, and administration. Supervise research (projects and/or thesis) at undergraduate levels; conduct research and publish in accredited journals; source for research or project funding; establish professional networks with industry and universities and partake in Department, Faculty and/or University Committees.

NUST is an equal opportunity employer and encourages suitably qualified Namibians especially from designated groups such as women and persons with disabilities with a distinguished record of achievements and proven capacity to lead in a stimulating and culturally diverse environment to submit their applications.

To apply visit: https://www.nust.na/vacancies or email applications to recruitment@nust.na with the title of the position in the subject line. All foreign qualifications must be validated by the NQA.

For more information on the various positions, please contact Dr. Madauko E. Okorie at +264(0) 61 207 2594 or email mokorie@nust.na.