WE ARE HIRING

Faculty of Engineering and the Built Environment

Department: Electrical and Computer Engineering

Associate Professor: Power Systems

Requirements

A Doctorate (NQF Level 10) in Electrical (Power) Engineering with at least seven years of lecturing experience at tertiary education level and/or industry experience or an equivalent combination of relevant professional experience. Excellent English communication skills (oral and written). Proven competence in successful sourcing of research or project funding from third-party sources, successful initiation and management of research projects, curriculum development and strong management/organisational and mentorship skills. Competence to develop high-quality course materials and to teach in at least six (6) of the following courses at both under-graduate and post-graduate levels: Power Systems Engineering, Power Systems Protection, Power Systema Analysis and Simulations, High Voltage Engineering, Maintenance Engineering (as applied to Electrical Systems, Electrical Machines, Electrical Components and Devices), Project Management, Electrical Building Services Design, Ship Electrical Systems and Automation, Electrical design, Transmission and Distribution Networks, Power Systems Operation and Control, Renewable Energy, Energy Management, Energy Economics, Energy Systems, Solar Energy Resources and technologies, Energy Storage Technologies and Microgrid Design and Optimisation. Competence to assume academic leadership, to establish professional networks and to maintain links with industry, as well as experience in developing post-graduate programmes. Sound research profile including twenty peer-reviewed journal articles/books/conference proceedings and successful supervision of at least three Master's (research) students.

Associate Professor: Electronics and Telecommunications Engineering (2 post)

Requirements

A Doctorate (NQF Level 10) in Electronics/Telecommunications/Computer Engineering with at least seven years of lecturing experience at tertiary education level and/or industry experience or an equivalent combination of relevant professional experience. Excellent English communication skills (both oral and written). Proven competence in successful sourcing of research or project funding from third-party sources; successful initiation and management of research projects; curriculum development and strong managerial/organisational and mentorship skills. Competence to develop high-quality course materials and teach in at least four (4) of the following courses at both undergraduate and postgraduate levels: Micro-controller Applications, Computer Architecture and Micro-processors, Embedded Systems, Artificial Intelligence, Internet-of-Things, Intelligent Robotics, Wireless Communications, Optical Communications and Electronic Systems Design. Competence to assume academic leadership, to establish professional networks and to maintain links with industry; as well as experience in developing postgraduate programmes. Sound research profile including ten peer-reviewed journal articles/books/conference proceedings and successful supervision of at least three research Master's students.

Lecturer: Electronics Engineering

Requirements

A Master's degree (NQF Level 9) in Electronics and/or Telecommunications Engineering or combined Electronics and telecommunications Engineering with at least four years of lecturing experience at tertiary education level and/or industry experience or an equivalent combination of relevant professional experience. Excellent English communication skills (oral and written). Competence to teach at least six (6) of the following courses: Analogue Electronics, Digital Electronics, Electronic Circuit design, Communications Electronics, Data Communications and networks, Analogue Electronics Devices and Systems, Signals and Systems, Computer Communication Networks, Analogue Communication Techniques, Optical Communication Systems and Wireless Communication Systems. Competence to establish professional networks and to maintain links with the industry, as well as experience in developing under-graduate programmes. A credible record of lecturing, peer-reviewed publications, community engagement, supervision of students (research) under-graduate level, as well as a relevant Doctorate will be an advantage.

Contact: Ms Elzene van Wyk
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EMPLOYEE VALUE PROPOSITION

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

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Closing Date:

14 JULY 2023

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.

To apply visit: https://nieis.namibiaatwork.gov.na 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.