

Senior Lecturer

Ecole/Institution/Société:

Stellenbosch University, South Africa / Stellenbosch

Discipline:

Mechanical Engineering

Type d'emploi::

Full-time

Date de publication:

2021-10-16

Personne à contacter:

If you wish to apply for this position, please specify that you saw it on AKATECH.tech

Senior Lecturer / Lecturer: Mechanical and Mechatronic Engineering

Duties / Pligte

- Onderrig en ontwikkeling van voor- en nagraadse modules in die areas van energiestelsels, warmteoordrag, termodinamika en vloeimeganika;
- Uitvoer van navorsing in die veld van binnebrandenjins en verwante energiestelsels;
- Studieleiding en onderrig van nagraadse studente in die veld van binnebrandenjins en verwante energiestelsels;
- Ondersteuning aan en fondswerwing in die veld van binnebrandenjins en verwante energiestelsels;
- Dienslewering aan die industrie deur spesialis-raadgewing.
- Teaching and developing undergraduate and postgraduate modules in the areas of energy systems, heat transfer, thermodynamics and fluid mechanics;
- Conducting research in the areas of internal combustion engines and energy systems;
- Supervision and teaching of postgraduate students in the areas of internal combustion engines and energy systems;
- Supporting and funding generation in the areas of internal combustion engines and energy systems;
- Rendering service to industry through specialist consulting.

Job Requirements / Pos Vereistes

Posvereistes vir Senior Lector:

n Toepaslike doktorsgraad, plus minstens drie jaar toepaslike prakt-, onderrig- en / of navorsingservaring, óf 'n toepaslike meestersgraad in ingenieurswese met minstens agt jaar toepaslike tegniese of bestuurservaring in die industrie;

'n ECSA-geakkrediteerde BEng of BSc (Eng) in Meganiese Ingenieurswese of gelykwaardig;

Goeie kommunikasie- en onderrigvaardighede;

Vaardig in die gebruik van Engels, asook die vermoë om effektief in 'n veeltalige omgewing te funksioneer;

Goeie interpersoonlike en organisatoriese vaardighede.

Senior Lecturer Job Requirements:

- A relevant doctoral degree, plus at least three years' applicable practical, teaching and / or
- research experience, or an applicable master's degree in engineering with at least eight years' applicable technical or management experience in industry;
- An ECSA accredited BEng or BSc (Eng) degree in Mechanical Engineering or equivalent;
- Sound communication and teaching skills;
- Proficient in English as well as the ability to function effectively in a multi-lingual environment;
- Good interpersonal and organisational skills.

Posvereistes vir Lektor:

- 'n Toepaslike meestersgraad, plus minstens drie jaar toepaslike prakt-, onderrig- en / of navorsingservaring, of 'n toepaslike doktorsgraad;
- 'n ECSA-geakkrediteerde BEng of BSc (Eng) in Meganiese Ingenieurswese of gelykwaardig;
- Goeie kommunikasie- en onderrigvaardighede;
- Vaardig in die gebruik van Engels, asook die vermoë om effektief in 'n veeltalige omgewing te funksioneer;
- Goeie interpersoonlike en organisatoriese vaardighede.

Lecturer Job Requirements:

A relevant master's degree, plus at least three years' applicable practical, teaching and / or research experience, or an applicable doctoral degree;

- An ECSA accredited BEng or BSc (Eng) degree in Mechanical Engineering or equivalent;
- Sound communication and teaching skills;
- Proficient in English as well as the ability to function effectively in a multi-lingual environment;
- Good interpersonal and organisational skills.
- Recommendation / Aanbeveling
- Gradering deur die NNS as 'n navorser;

'n Goeie navorsingsrekord in binnebrandenjins en energiestelsels, met bewese fondswerwing in hierdie area;

Vir die language course: 'n toepaslike doktorsgraad of die verwerwing van 'n doktorsgraad binne die eerste jaar na aanstelling;

PrEng registrasie (vir Lektorat en Senior Lektorat).

Evaluation by the NRF as a rated researcher;

A good research record in internal combustion engines and energy systems and proven fundraising in these areas;

For the lecturer position: a relevant doctoral degree, or obtaining a doctoral degree within the first year after appointment;

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