

## **B. FACULTY OF ENGINEERING**

### **MECHANICAL ENGINEERING**

#### **3. Thermodynamics \*(Associate Professor / Professor post only)**

Applications are now invited for the posts of **Associate Professor / Professor** in **Thermodynamics** at the **Mechanical Engineering Programme Area, Faculty of Engineering**.

#### **JOB REQUIREMENTS**

Applicants must have at least an upper second-class bachelor's degree (with honours) in Mechanical Engineering, a master's degree (preferably Distinction), and a PhD in the area of thermodynamics, or thermos-fluids related fields from a recognised university. Applicant is preferably a Chartered Engineer with the Engineering Council UK or a registered Professional Engineer with any of the professional bodies/signatories as listed in the International Professional Engineers Agreement (IPEA).

Applicants must hold an equivalent position of Associate Professor or Senior Assistant Professor on a PT3 salary scale for at least three years while satisfying the KPIs for teaching, research and publishing, administration, and community service. Applicant should possess a strong record of research, publications, and teaching, as well as a developing reputation in the area of specialisation. The applicants should have held a managerial role, such as Faculty Dean or Deputy Dean. The applicants should also have experience supervising Master's degree students.

Holding a Professor or similar position for a significant amount of time while meeting the KPIs for teaching, research, publication, and administration; or holding an Associate Professor position for considerable years while meeting the KPIs for teaching, research, publications, administration, community service, supervision of master's and PhD thesis, and internal and external assessor/referee. The applicants should have a wealth of experience, a solid worldwide reputation, and be a well-known speaker in their area of specialisation. The applicants should be able to increase the faculty, centre, or university's performance and reputation in the international arena as well as contribute to a positive impact on the community at large in their field of specialisation. The applicants should be able to mentor emerging scholars and provide academic leadership.

The applicants must be able to demonstrate an outstanding track record of research output and teaching excellence. Those with suitable professional qualifications and/or industry experience would be advantageous.

The ability to teach in the area of Thermodynamics, Fluid Mechanics, HVAC (Heating, Ventilation and Air Conditioning), Heat and Mass Transfer, and/or Computational Fluid Dynamics, and have experience with postgraduate teaching. The applicants should be prepared to oversee graduate and undergraduate research.

The successful applicant is expected to be qualified to design and teach modules in Thermo-Fluids as well as in other core Mechanical Engineering modules, at the undergraduate and postgraduate levels, and provide pertinent materials in the aforementioned fields. Active participation in the activities of the Faculty and the University including research, seminar, and administration. The successful applicant is expected to take a leading role in research within these areas.

#### **QUALIFICATIONS**

Details of the qualifications for the above positions can be obtainable from UTB website at <http://www.utb.edu.bn/careerutb/>

## **SALARY AND FRINGE BENEFITS**

Details of the salary and fringe benefits can be obtained from UTB website at <http://www.utb.edu.bn/careerutb/>

## **APPLICATION SUBMISSION**

Completed application forms together with copies of academic certificates and transcripts, comprehensive curriculum vitae with the names and addresses of 4 referees, teaching portfolio, research portfolio, Scopus h-index, citation, and the number of listed publications should be sent to:

Registrar and Secretary  
Universiti Teknologi Brunei  
Jalan Tungku Link  
Gadong BE1410  
BRUNEI DARUSSALAM  
or  
[utb.personnel@utb.edu.bn](mailto:utb.personnel@utb.edu.bn)

Incomplete applications will not be considered.

For further information and to download application form, please visit UTB website at <http://www.utb.edu.bn/careerutb/>

**Closing Date: 27<sup>th</sup> April 2024**

Only shortlisted candidates will be notified.