

MULTIPLE Tenure-track Assistant Professor/Associate Professor/Professor positions at the National University of Singapore (NUS)

The Department of Mechanical Engineering, NUS, invites applications for multiple tenure-track positions in all cutting-edge areas of mechanical engineering including (but not limited to):

- Clean Energy Technologies
- Aerospace Systems
- New Experimental and Computational Methodologies in All Areas of Mechanics
- Green Manufacturing
- Robotics and Automation
- Applications of Machine Learning in ME
- ME in Medicine and Biology
- Micro/Nano Materials and Systems

The NUS Mechanical Engineering Department has 58 full-time tenured and tenure-track faculty members, over 150 research staff members, 1300 undergraduates, and 350 graduate students (including 200 PhD students). Many of our graduates have gone on to leadership positions in both academia and industry. The Department has been consistently ranked amongst the top ten in the world; further information can be found in <http://www.me.nus.edu.sg>.

Interdisciplinary research collaboration is strongly encouraged and ample funding opportunities exist through competitive grants that promote R&D. The Department has strong affiliations with major research centres such as the Centre for Energy Research & Technology (CERT), Advanced Robotics Centre (ARC), Centre for Offshore Research & Engineering (CORE), Centre for Protective Technology (CPT), and several national research institutes in the field of high performance computing, materials engineering, advanced manufacturing, and nanotechnology and nanoscience.

The Department is seeking dynamic and creative candidates who hold doctorates in Mechanical Engineering or closely related disciplines from top universities around the world. A senior faculty candidate would be expected to have a strong sponsored research and publication record, be highly experienced in teaching and mentoring, and providing leadership and vision. A junior faculty candidate would have demonstrated, or shown a clear potential for, significant creativity and independence. The successful candidate must be able to teach effectively at both the undergraduate and the graduate levels in the above disciplines and develop active externally sponsored research programmes.

The remuneration package is internationally competitive, with a flexible wage system, composing of an annual base salary and a performance bonus component for good performers, and attractive work-life benefits such as childcare leave. Faculty members who are not Singapore citizens or Singapore Permanent Residents may receive, in lieu of provident fund benefits, a monthly Special Payment for Foreign Staff, and subsidized housing benefits.

Generous start-up packages are available for newly recruited faculty members to facilitate the establishment of their research programmes. International applicants are eligible to apply for housing subsidies to live at low cost in the beautiful Kent Vale residential complex which is within a 5-minute walk to the ME Department, and teeming with young families from all around the world.

Singapore is a stimulating place to live and work. It unites a multicultural population in a cosmopolitan city with a pleasant and safe environment. The mixture of Asian roots with strong European and American elements and an essentially English speaking society provides people from all nationalities with an optimal basis for integration. For convenient travelling, Singapore's major aviation hub provides a variety of direct and non-stop connections to almost all parts of the world.

Further information about Singapore can be accessed at <http://www.visitsingapore.com/en/>.

Application Deadline: An initial screening of applications will take place February 15, 2019, but the search will remain open until the positions are filled. Female candidates are strongly encouraged to apply. Interested candidates should send their detailed curriculum vitae, copies of transcripts, statements of research, teaching interests and professional goals, and the names of six references (including main PhD supervisor for junior faculty candidates) with contact details to:

The Search Committee
Department of Mechanical Engineering
National University of Singapore
Block EA, #07-08
9 Engineering Drive 1
Singapore 117576
Email: mpesec@nus.edu.sg