

The Department of Aerospace Engineering (AE) at the Technion – Israel Institute of Technology invites applications for open-rank faculty positions in astronautics.

The AE Department at the Technion is dedicated to the creation, expansion, and dissemination of ideas and knowledge in the aerospace sciences, and is committed to fostering interdisciplinary research that can address the grand challenges facing our society.

Founded in 1954, the AE Department at the Technion is the only academic entity in Israel dedicated to cutting-edge research and education in the aerospace sciences. Enrolling around 400 undergraduate and 150 graduate students, the department serves a strategic role for the nation, maintaining Israel's position as a leader in the global aerospace industry. The AE Department's research and educational achievements are also recognized globally, with the department currently ranked 16th in the world according to the [2021 Shanghai Ranking](#).

The department seeks individuals with background in aerospace engineering, physics, or related disciplines, who can establish a strong research program in astronautics, with particular emphasis on one of the following disciplines:

- (i) Satellite orbital mechanics;
- (ii) Attitude dynamics, estimation, and control;
- (iii) Nanosatellite and microsatellite engineering;
- (iv) Space instruments and remote sensing;
- (v) Space guidance and navigation;
- (vi) Electric propulsion (including plasma modelling, low-power thrusters, plasma/spacecraft interaction, and diagnostics).

The AE Department and the Asher Space Research Institute have a number of world-class research laboratories for the development of space systems.

Candidates will be expected to conduct independent research, supervise graduate students and postdoctoral researchers, teach undergraduate- and graduate-level courses, and raise external research funding. Applicants should have earned a Ph.D. or equivalent.

A review of applications will be ongoing until the available position is filled. Interested candidates should submit their application package (consisting of a cover letter, curriculum vitae and list of publications, research statement, teaching statement, and contact details of at least five references) to:

Professor Tal Shima, Dean
Department of Aerospace Engineering
Technion – Israel Institute of Technology
Haifa 32000, Israel
Email: aedean@technion.ac.il