

Azrieli College of Engineering Jerusalem at-a-glance

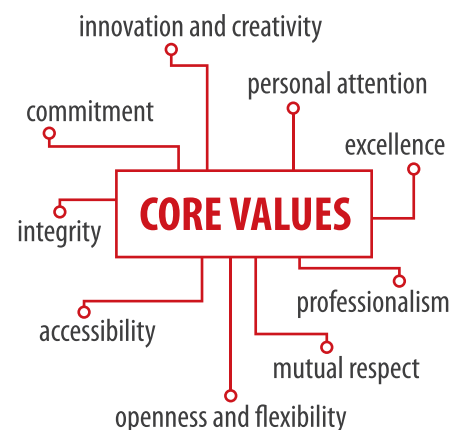


MISSION

Azrieli College of Engineering Jerusalem was founded in 1999 with the mission to create a center of knowledge in engineering in Jerusalem, benefiting the city, the industry and the diverse population of Jerusalem.

We do this by:

- ◆ Tapping into the creativity and ingenuity inherent to the city of Jerusalem
- ◆ Positioning young people for excellence with access to higher education and providing them the tools to succeed
- ◆ Developing relevant curricula in collaboration with the college's industry partners
- ◆ Maintaining a multi-cultural campus and promoting diversity and open dialogue



UNDERGRADUATE PROGRAMS

- ◆ Software Engineering
- ◆ Electronics and Electrical Engineering
- ◆ Industrial Engineering and Management
- ◆ Advanced Materials Engineering
- ◆ Pharmaceutical Engineering
- ◆ Mechanical Engineering

GRADUATE PROGRAMS

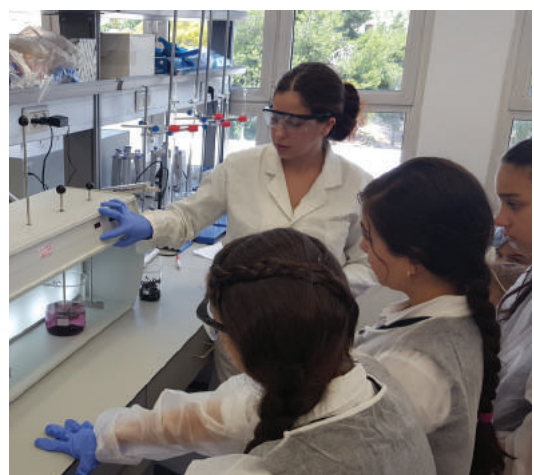
- ◆ M.Sc. Software Engineering
- ◆ M.A. Technological Entrepreneurship

SPECIAL ACADEMIC COLLABORATIONS

- ◆ Double major in Chemistry (Hebrew University) and Advanced Materials Engineering (Azrieli College)
- ◆ JLM Impact Consortium - a strategic partnership between our College, the Hebrew University of Jerusalem, and the Bezalel Academy of Arts and Design to strengthen innovative and entrepreneurial activity within academia and throughout the city

BY-THE-NUMBERS

- ◆ **1,500** students
- ◆ **3,300** graduates
- ◆ National leader in rates of women studying engineering (**41%**)





SELECTED FACULTY RESEARCH TOPICS

- ◆ Aerodynamics and wind energy
- ◆ Solar energy
- ◆ Tribology
- ◆ Advanced materials for micro-electronics
- ◆ Nanometric sol gel layers as interfaces
- ◆ Nanometric hybrid materials
- ◆ Electro-optics
- ◆ Innovation and entrepreneurship
- ◆ Operation research; Scheduling; Work-study
- ◆ Marketing
- ◆ Information systems
- ◆ Data science
- ◆ Organization consulting; OPEX
- ◆ Behavioral economics
- ◆ Mergers and acquisitions
- ◆ Robotics
- ◆ Nano-biotechnology
- ◆ Tissue engineering
- ◆ Polymer systems for extended release
- ◆ Optimizing scale-up processes in bioreactors
- ◆ Wastewater treatment and reclamation
- ◆ Groundwater remediation
- ◆ Water management in developing countries
- ◆ Grading and learning processes in laboratory courses

POTENTIAL COLLABORATIONS

Joint Faculty Research Projects and joint applications to bi-national and multi-national research grants.

AtoBe Accelerator, the Entrepreneur's Center at Azrieli College of Engineering Jerusalem, supports start-up companies in their first steps, from the point of an idea to concrete startups, from point A to point "Be". The accelerator and the MA program in technological entrepreneurship offer an immersive six-month training program, providing office space, mentorship, a community of like-minded entrepreneurs, and introductions to investors and industry. AtoBe offers boot camps, innovation training workshops, "train the trainer" programs and internships.

The Pharmaceutical Technology Laboratories offer unique hands-on workshops in pharmaceutical technology: traditional and innovative formulations and analysis methods used in the pharmaceutical industry.

The Unit for External and Continuing Education offers relevant courses to students, professionals, and company groups who wish to learn and remain up-to-date in emerging industry trends.

