



TECHNION GLOBAL IMPACT

The Technion is committed to making the world a better place, contributing life-saving medicine and tackling global issues in environment, energy and water.

- The Technion and its alumni have launched many dynamic Israeli high-tech companies with a global reach. In September 2019, UPnRIDE received FDA approval for its standing, robotic wheelchair. Sealantis, a medical sealant that prevents blood loss during surgery, was sold in January 2019 to a British healthcare company. And Mazor Robotics, a robot-assisted guidance system for spine and brain surgery, was sold in December 2018 for \$1.7 billion, setting a record for an acquisition of an Israeli medical company. The technology behind both Sealantis and Mazor began in Technion labs.
- High-tech powerhouses have strategically set up operations near the Technion campus including: Google, IBM, Intel, Motorola, Qualcomm, Apple, Microsoft, Yahoo!, Hewlett-Packard and Amazon

International Rankings Attest to the Technion's Role as a Leading Scientific Institution

- Named the world's leading academic institution in digital education in a 2017 survey by Times Higher Education, the Technion was ranked #1 in preparing students to take top positions in the digital revolution. The only U.S. academic institute to crack the top ten was MIT, which came in at #6
- The Technion also ranked #14 in PitchBook's 2018-2019 list of the top 50 schools that have spawned the most VC-backed entrepreneurs for the second consecutive year
- At #85 worldwide, the Technion is the top-ranked academic institute in Israel for the fourth year in a row, according to the 2019 Academic Ranking of World Universities (also called the Shanghai Rankings)

Partnering Around the World

- The Technion welcomes 8,000 visitors yearly, including faculty members at leading universities and research centers worldwide, foreign government ministers, prospective students and prominent business and university officials
- The Technion has 213 academic collaboration agreements upheld with universities in 41 countries. This year, the Technion became the sixth member of the prestigious EuroTech Universities Alliance, a network of research-based universities known for their scientific excellence.
- The Technion has far reaching memorandums of agreements with companies, institutions and cities including: Hyundai Motors (to develop future mobility technology),

the New York Genome Center (for research in life sciences) and the City of Chicago (to find solutions to global water challenges)

- In 2016, Mortimer B. Zuckerman, philanthropist and champion of Israel, launched the Zuckerman STEM Leadership Program. Some 90 postdoctoral students and faculty from North America and seven universities in Israel, including the Technion, have participated in the program, which is designed to foster international exchange and set the stage for future collaboration
- The Technion has several research partnerships with universities in the U.S. and abroad. But one that speaks volumes about the Technion's stature is its partnership with Cornell University to create Cornell Tech, an applied science educational institution in New York City that is expected to help create tens of thousands of jobs and businesses. At the very heart of this initiative is the Joan & Irwin Jacobs Technion-Cornell Institute, which offers a dual master's degree from both universities, and the Runway Startup Postdoc Program. Cornell Tech opened its permanent campus on New York City's Roosevelt Island in September 2017.
- The Guangdong Technion Israel Institute of Technology (GTIIT) was inaugurated in December 2017, becoming the first Israeli university in China. The historic collaboration between the Technion and Shantou University is intended to be a bridge between Israel's entrepreneurial spirit and China's scale and resources. This partnership is clear evidence of the Technion's burgeoning global influence, and is viewed by many as part of the broader movement of globalization now sweeping the academic world.

Promoting a Diverse Environment

- The Technion is advancing diversity in Israel's tech arena, drawing faculty and students from every corner of the globe. The mix generates a vigorous diversity of people, ideas and programs. Its on-campus dormitories provide living space for students of many backgrounds.
- The Technion has pre-university programs aimed at helping both the ultra-Orthodox and promising students from Israel's underserved neighborhoods attain the academic skills they need for admission to the Technion. In the summer 2019, Dr. Yehuda Sabiner finished medical school at the Technion to become Israel's first ultra-Orthodox doctor without a secular primary school education.
- More than 20% of Technion students in Haifa are Arab (which is slightly higher than the population at large). Of these students, 61% are women.

Technion Alumni Boost the Bottom Line

An estimated 117,139 graduates have played leading roles in Israel's major companies, including 42 of the 72 high-tech Israeli companies on Nasdaq. As of March 2015, the Nasdaq Market Cap of these 42 companies was approximately \$22 billion. (Source: "Companies and Management Positions by Technion Graduates and Companies based on Knowledge Generated at the Technion;" Samuel Neaman Institute, Technion-Israel Institute of Technology, March 2015)

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