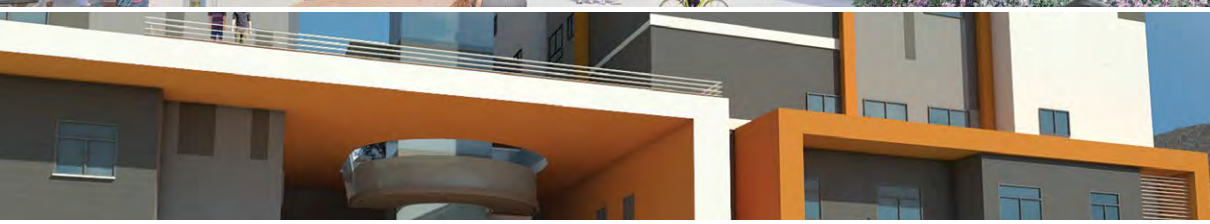
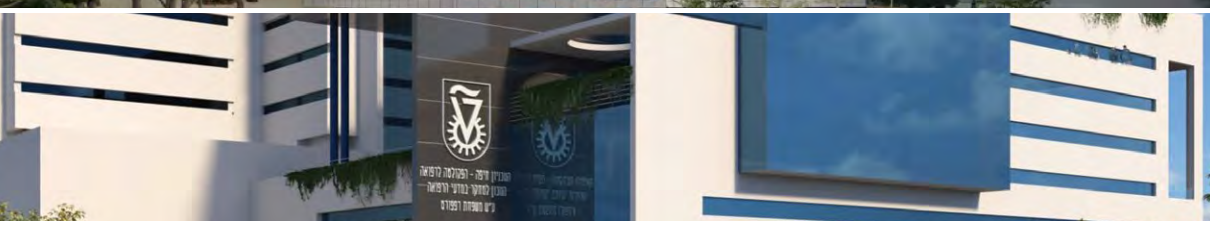
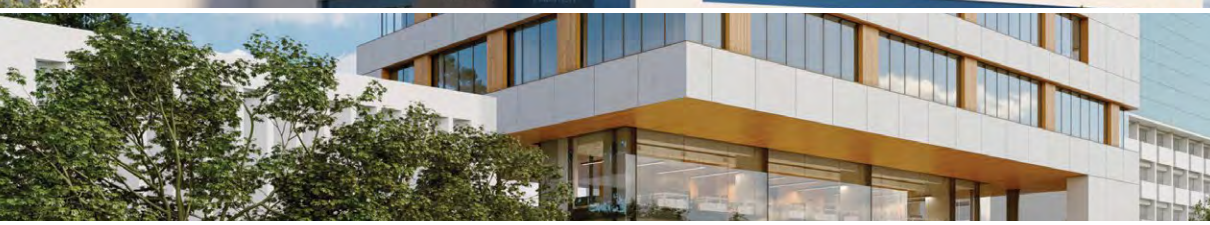
Priority Capital Projects 2021







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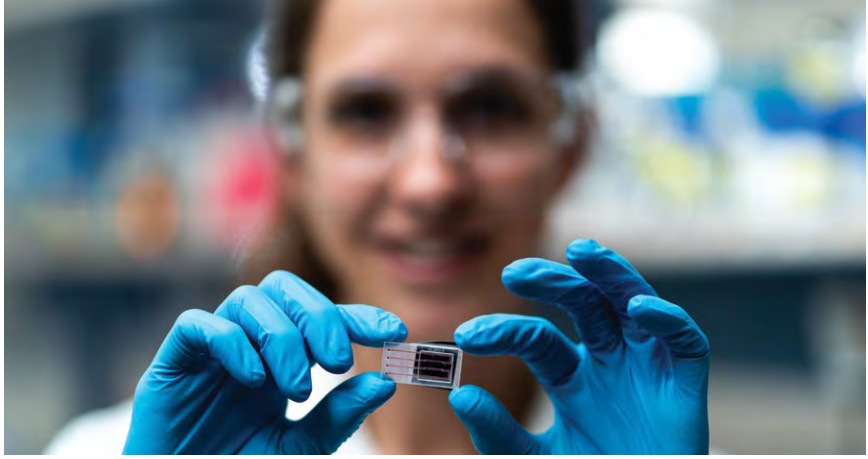

Priority Capital Projects 2021

Capital projects are a significant component of a modern research university, critical to maintaining its health and ensuring its steady growth.

Upgrading campus infrastructure and opening state-of-the-art facilities ensure that a university's physical assets—e.g., its laboratories, equipment and classrooms—are safe, secure and capable of functioning optimally. In the 21st century, protecting expensive computing and other high-tech resources is a must, along with ensuring they can be utilized efficiently. More broadly, state-of-the-art facilities signal to students that they are enrolled at an institution that is investing generously in their professional futures.

A robust capital project program brings other benefits as well. For faculty, conducting activities using the latest equipment housed in modern facilities can smooth the path toward higher-quality and more impactful research. Separately, it demonstrates to members of the global academic community that an institution is thriving in a fast-changing world.

The following pages feature the capital projects currently being planned at the Technion-Israel Institute of Technology. The range and quality of these projects reflect the high level of investment that the Technion administration is devoting to the future of Israel's oldest university.

Naming the New Aerospace Engineering Building

The Faculty of Aerospace Engineering at the Technion is Israel's only school dedicated to research and education in aerospace sciences and serves a vital strategic role, educating professionals in defense and commercial aviation industries and developing technologies that maintain its position as a global aerospace market leader. The Technion has implemented an ambitious strategic development plan to expand the Faculty of Aerospace Engineering. To realize this vision, additional state-of-the-art infrastructure for faculty members and students is needed. Plans are underway to construct a new building that will consist of five stories – a Lower Ground Floor (Research/Laboratory), Ground Floor (Student Learning), First Floor (Student Learning), Second Floor (Faculty/Research) and Third Floor (Faculty/Meeting) – that collectively contain a wide range of facilities, including offices, laboratories, conference rooms, classrooms, auditoriums, learning centers, a faculty meeting room, Dean's office suite and more.

A gift of $18 million will name the future Aerospace Engineering Building.

Gifts of $3.5 million per floor will name the Lower Ground Floor and Ground Floor.

Gifts of $2.5 million per floor will name Floors 1-3.

Additional naming opportunities are available.

Naming the Broshim Dormitory Towers

The two beautiful Broshim Dormitory Towers perched on the northwestern slopes of the Technion campus will provide students with comfortable, efficient, safe, and affordable accommodations in a convenient, pleasant setting. From family apartments to dormitories for single students, our goal is to provide suitable living quarters to ensure that our students are able to focus on their studies and have the best possible university experience.

The two dormitory towers will share three lower-level community service floors that will be accessible from both towers. These will contain a large study room, a recreational activities room, designated storage for bicycles and baby strollers, laundry facilities, storage rooms for residents' possessions, a playroom, administrative offices, and maintenance facilities. Each tower will feature a lobby with public restrooms. The three-room apartments on the entrance floor will be completely wheelchair accessible, with bathrooms, kitchens, etc. modified for use by people with disabilities. The Dormitory Towers will provide comfortable, efficient, safe, and affordable accommodations in a convenient, pleasant setting.

A gift of $50 million will name both Dormitory Towers.

A gift of $25 million will name one Dormitory Tower.

Gifts of $1.5 million will name floors within the towers.

Additional naming opportunities within the towers are available.

Naming the New Computer Science Building

Computer science has been a mainstay of the Technion's curriculum for more than half a century. Today, the institute is a recognized academic powerhouse in computer science training and research – ranked among the world's leading universities in artificial intelligence, machine learning, cryptography, and other fields. Israel's Council for Higher Education, projecting a shortage of qualified tech workers in the coming decade, has called upon the Technion to increase enrollment in technology-oriented degree programs. To help achieve this goal over the next ten to fifteen years, the Taub Faculty of Computer Science has formulated a strategy to grow its undergraduate and graduate student bodies by double-digit percentages. This, in turn, requires increasing the faculty size and adding space to conduct research. To address this need, the Technion plans to build a new computer science building adjacent to the existing facility. The new Computer Science Building in the Taub Faculty of Computer Science will house classrooms, seminar and meeting rooms, laboratories, faculty and researcher offices, study rooms, and underground parking. The building will enable the Faculty to grow and to continue as a leader in world-class research and industry.

A gift of $30 million will fund and name the new Computer Science Building, including the naming of all facilities within the building.

A gift of $15 million will name the new Computer Science Building; facilities within the building will be offered to other donors for naming.

Naming Opportunities in the André Deloro Building for Transformative Biomedical Sciences and Engineering

As one of only a handful of technology institutes in the world with an affiliated medical school, the Technion is well-positioned to drive discovery and practical applications in all areas of exact sciences, engineering and life sciences through multi-disciplinary collaborations. The Technion has the expertise and resources to carry out clinical and translational research, bringing discoveries from "bench to bedside." The Technion's entrepreneurial environment fosters a wide range of medical innovations including drugs, medical devices, diagnostics, and imaging tools and techniques. To leverage this research, the Technion is establishing a new six-story multidisciplinary building to house the state-of-the-art laboratories and infrastructure necessary to drive medical discovery.

The ground floor of the building will include an auditorium, a lobby with a cafeteria, offices, meeting rooms, and seminar rooms. The physical structure of the André Deloro Building for Transformative Biomedical Sciences and Engineering will provide an unconventional space where Technion researchers' individual capabilities can be united through a multidisciplinary research model – where unexpected exchanges are bound to take place. This space will facilitate interaction between scientists and engineers, leading to scientific discoveries and technological innovations.

Individual facilities within the André Deloro Building are available for naming.

Naming Opportunities in the Carasso FoodTech Innovation Center

The Technion's Faculty of Biotechnology and Food Engineering is Israel's primary source of food engineers and is one of few faculties in the world that combines the disciplines of bioengineering, food science and technology, and life sciences. The Carasso FoodTech Innovation Center is an essential part of the Faculty's Bio-Health Technology Innovation Initiative to develop green sustainable technologies by providing both academic and private sector entrepreneurs with a pipeline to rapidly accelerate the development of their nascent technologies.

The two-story Center will feature the Semi-Industrial R&D Production Facility, the Fermentation Technologies Unit, the Laboratory for Polymer Technologies, the Educational R&D Kitchen, the Cultivated Meat R&D Facility, the Visitors & Educational Center, the Analytical Teaching Laboratory, a graduate student's office, faculty offices, a meeting room, and three research labs for new faculty members. The new center will provide additional resources and boundless opportunity for the world-class Faculty to advance in a variety of areas – from food security through sustainability to human health research.

Individual facilities within the Carasso FoodTech Innovation Center are available for naming.

Naming the Advanced Cancer Research Building

Cancer is the second-leading cause of death in the western world. While some cancers have been partially defeated, mostly due to early diagnosis and to the development of novel therapeutic treatments, others have become more common and more aggressive The Technion has all of the essential elements necessary for success in the War on Cancer – basic research (conducted in the Rappaport Faculty of Medicine on the Technion Bat Galim Campus), clinical and translational research along with clinical trials (conducted in hospitals affiliated with the Technion), and strong science- and engineering-based faculties on the main Technion campus.

The Rappaport Technion Integrated Cancer Center (RTICC) brings together interdisciplinary teams of doctors, scientists, and engineers from a variety of specialties. Examples of their research projects include development of innovative diagnostic sensors to diagnose the disease at an early, treatable stage and creation of guiding devices to selectively carry drugs to the disease site. The challenge now is to provide adequate space and laboratory facilities for the researchers. To address this need, the Technion plans to build the Advanced Cancer Research Building which will provide state-of-the-art facilities to accelerate research in this crucial field.

A gift of $30 million will name the future Advanced Cancer Research Building.

Naming Opportunities in the Zisapel Research Building

The Technion's Andrew and Erna Viterbi Faculty of Electrical and Computer Engineering has been instrumental in advancing Israel's high-tech industry and transforming the country into the "Start-up Nation." In order to respond to Israel's defense requirements, the needs of high-tech industries, and the swift evolution of technology, the Faculty is increasing the number of students and is developing new fields. To accommodate the Faculty's expanded activities, the seven-story Zisapel Research Building is being constructed adjacent to the Bella Meyer Advanced Technology Center.

The new building will house eleven research laboratories, more than forty offices, three conference rooms, a computer center, several open study areas, a cafeteria, a patio, and an entrance lobby (as well as service rooms for communications, A/C, etc.). The addition of these facilities will enable the Faculty to provide the first-rate working conditions vital to the efforts to recruit the best faculty members and students. The new Zisapel Research Building will allow the Faculty to continue to be a world leader in its field and the main dynamo of the Israeli high-tech industry.

Individual facilities within the Zisapel Research Building are available for naming.

Students at Technion's Mt. Carmel campus

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