

IIPRO 311 iit campus visibility and branding:

eco-friendly designs and prototypes

greenstallations
ILLINOIS INSTITUTE OF TECHNOLOGY green designs • green students • green campus



greenstallations are student-designed, student-built installation projects promoting innovations in sustainable design and technology at IIT. Green technologies developed here at IIT by our students and faculty are shaping the way the world will live in the future.

Click on the symbols to learn about each greenstallation, then take a tour of campus to see them in person!

greenstallations have three interrelated objectives

1. build IIT brand awareness and campus visibility in ways that are aesthetically pleasing, exciting, and memorable
2. develop a visible image of the IIT main campus that defines IIT's prominence in the realm of energy and sustainability
3. play a leadership role in supporting Mayor Daley's vision for creating an ultra-green Chicago by 2020.



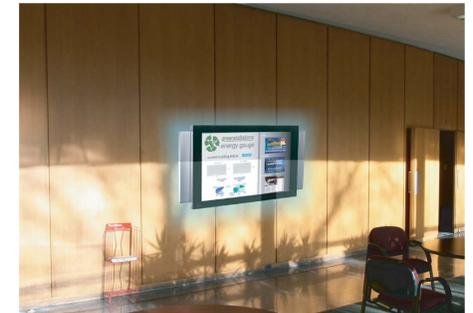
PV Sculpture
An artistic array of photovoltaic panels showcases how green technologies can be artistic, beautiful, and functional. This sculpture represents the various forms of natural energy collection that promotes sustainability and energy efficiency. Solar panels and wind turbines are artistically designed to collectively make one common energy collector. All energy collected is fed into the IIT energy system to reduce energy usage around campus.



[back to map](#)

Powerstallation - PV Sculpture

Spring 2008
Designers: IIPRO 311
Affiliates: Nancy Hamill, Rae Mindock, & IIT College of Engineering
Sponsors: None



IIT Energy Gauge
The consumption of energy is important to IIT. Energy Gauges in academic and residential buildings promote awareness around campus. These gauges allow students and faculty to monitor their buildings energy daily. Conveniently located at the main entrances of buildings, the energy gauges will show current usage as compared to previous years usage as well as goals for usage in the future. To engage it's viewers real time news, weather, stocks and sports updates accompany the energy use. The gauge is a flat screen TV panel that has backlights. These lights change color to acknowledge the energy consumption: green for below the average energy usage and red for above the energy usage.



[back to map](#)

IIT Energy Gauge

Spring 2008
Designers: IIPRO 311
Affiliates: Nancy Hamill and Rae Mindock
Sponsors: None

The IIPRO 311 team has undertaken two main tasks:

1. Design a creative array of energy and sustainability kiosks, sculptures, educational tours and visitor center experiences that celebrate inventions and innovations associated with IIT's history and its community of people.

2. Capture lost historical information and create an educational pathway through campus strewn with Greenstallations that portray elements of energy and sustainability.

Greenstallations may be operable, may be powered by renewable energy, may be interactive in nature, may seek answers and are of interest to visitors, students, staff and faculty. They will be designed to attract visitors and the university community to experience and learn.

Future student teams will continue to bring in external points-of-view to stretch their imaginations.

In addition, teams will strive to integrate new products on the market today within Greenstallations. This offers the potential of inviting various organizations to sponsor materials and advertise the Greenstallation after its exhibition.

The aim of Greenstallations is to create a "buzz" in the energy and sustainability community that establishes IIT as a leader in sustainable innovation.

The Greenstallations methodology is as an ongoing learning, explorative, and demonstrative process focused on sustainability that actively engages the entire IIT community and those who visit our campus.



Outdoor Study Station
These Workstations are an excellent way for students and faculty to enjoy the landscaping and wonderful weather in spring, summer and fall. Designed as a stationary table, seating varying from 6-10, Solar Powered Workstations provide energy for users to charge electronics and enough space to study or have a meeting comfortably outdoors. This shade canopy duals as the source of energy. Solar panels atop the shade canopy collect and store enough energy for 10 laptop users to work at the station.



[back to map](#)

Solar-Powered Outdoor Study Station

Spring 2008
Designers: IIPRO 311
Affiliates: Nancy Hamill and Rae Mindock
Sponsors: Galvin Library



Permeable Pavement
This paviors aids the campus in maintenance and appearance in providing better drainage for campus streets and sidewalks. This permeable paving is located throughout campus, specifically on main pathways and roads. The permeable paviors were created in the collaboration with an IIT IIPRO that constructed permeable paviors. The purpose is to slowly collect and drain the water into the ground below.



[back to map](#)

Permeable Pavement

Spring 2008
Designers: IIPRO 311 and 312
Affiliates: Nancy Hamill and Rae Mindock
Sponsors: None