Biotechnology Building

The Biotechnology Building, which opened in 2006, was the first building at Binghamton University’s Innovative Technologies Complex, or ITC. The 92,000-square-foot facility, renovated at a cost of $15 million, serves as the anchor for a larger effort to spur new research and create jobs in Greater Binghamton. It features flexible laboratory space, facilities for clinical trials and a Start-up Suite for new businesses. The building houses the bioengineering department, research administration offices as well as the Analytical and Diagnostics Laboratory.

Engineering and Science Building

The $66 million Engineering and Science Building, which opened in 2011, enabled the Thomas J. Watson School of Engineering and Applied Science to expand. The 125,000-square-foot facility houses the dean’s office and the departments of electrical and computer engineering and mechanical engineering. Space is set aside for new start-up companies. The facility meets LEED (Leadership in Energy and Environmental Design) standards, with a number of “green” features, including geothermal heating and cooling, a photovoltaic solar wall and a special cooling system for computing heat load.

Center of Excellence

The $30 million, 114,000-square-foot Center of Excellence building, which opened in 2014, is home to the Small Scale Systems Integration and Packaging Center (S3IP) and its interdisciplinary teams of scientists and engineers. The building features a data center that doubles as a living laboratory, a 150-seat symposium hall and offices that support Binghamton University’s expanding industry partnerships. This building meets LEED (Leadership in Energy and Environmental Design) standards, incorporating energy-efficient windows and the latest technology for heat recovery and humidity control.

Smart Energy R&D Facility

The Smart Energy Research and Development Facility, scheduled for completion in 2017, will house Binghamton’s physics and chemistry departments. Research will focus on alternative energy production, harvesting and storage in areas such as thin-film solar technology and next-generation battery production. The $70 million, 114,000-square-foot building is a result of the NYSUNY 2020 plan approved by Gov. Andrew Cuomo and the Legislature in 2012. The two-story building will feature ornate custom steel in public areas as well as a green roof.

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