New Jersey Institute of Technology

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Certificates & Accreditations: Middle States Commission on Higher Education (MSCHE)

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OVERVIEW

One of the nation's leading public polytechnic universities, New Jersey Institute of Technology prepares students to be leaders in the technology-dependent economy of the 21st century. The university's multidisciplinary curriculum and computing-intensive approach to education provide the technological proficiency, business know-how, and leadership skills that future CEOs and entrepreneurs will need to succeed for the benefit of the nation. With an enrollment of over 13,000 undergraduate and graduate students, NJIT offers small-campus intimacy with the resources of a major public research university.

WORKFORCE TRAINING

BS, MS, PhD, co-op, graduate certificates, Professional Science Master's degree programs, Collaborative PhD (traditional and employer-sponsored), bootcamps, badge workshops.

RESEARCH CAPABILITIES

NJIT is a prominent research university with strengths in several key areas of national importance. It's particularly known for its focus on bioscience and bioengineering, data science and management, and environment and sustainability. NJIT also excels in material science and engineering, robotics and machine intelligence, and has a strong emphasis on translational research. The university's research enterprise includes dedicated research clusters, significant funding, and a focus on areas like medical sensors, nanotechnology, and cybersecurity.

FACILITIES & INSTRUMENTATION

NJIT boasts a vast range of research facilities, including specialized institutes, centers, and labs. These facilities are equipped for cutting-edge research in areas like nanotechnology, data science, materials engineering, and

bioengineering, for wide impact and benefit to the nation. Key facilities include the Microfabrication Innovation Center, the York Center for Environmental Sciences, the Life Sciences and Engineering Center and the Center for Solar Terrestrial Research which operates two world first-class observatories: the Big Bear Solar Observatory and Owens Valley Solar Array.

PAST PERFORMANCE

NJIT has seen a strong recovery in externally funded research after a pandemic-related dip, with research expenditures decreasing less than 5% before stabilizing and awards increasing dramatically in 2021. Since 2014 NJIT has seen a 120% rise in external research funding with a total research expenditure around $180M, more than 25 CAREER award winners, and more than $8M expended on undergraduate research alone.