

TANDON SCHOOL OF ENGINEERING

Tandon School of Engineering: Home (<https://engineering.nyu.edu/>)

Introduction

The New York University Tandon School of Engineering (formerly the Brooklyn Polytechnic Institute, the Polytechnic University, the Polytechnic Institute of NYU, the NYU Polytechnic School of Engineering, and now widely known as NYU Tandon) is the official engineering school of New York University. NYU Tandon School of Engineering, founded in 1854, is the nation's second oldest private engineering school. It is presently a comprehensive school of education and research in engineering and applied sciences, rooted in a 170-year tradition of invention, innovation, and entrepreneurship. It remains on the cutting edge of technology, innovatively extending the benefits of science, engineering, management and liberal studies to critical real-world opportunities and challenges, especially those linked to urban systems, health and wellness, and the global informational economy. In addition to its programs on the main campus in New York City at MetroTech Center in downtown Brooklyn, it offers programs around the globe remotely through its online courses. NYU Tandon School of Engineering closely connected to engineering in NYU Abu Dhabi and NYU Shanghai and to the NYU Center for Urban Science and Progress (CUSP) also at MetroTech, while operating four future labs in downtown Manhattan and Brooklyn.

History

Founded in 1854 as the Brooklyn Collegiate and Polytechnic Institute, the school originally educated young men, ages 9 to 22, and was located on Livingston Street in downtown Brooklyn. In 1889, the collegiate and preparatory departments separated, and the collegiate division adopted the name Polytechnic Institute of Brooklyn. The Institute, historically referred to as "Brooklyn Poly," moved its campus to Jay Street in 1957. In 1961, it opened a Long Island campus in Farmingdale as a graduate and research center.

In 1973, the New York University School of Engineering and Science merged into Polytechnic and the school was renamed the Polytechnic Institute of New York. The Institute began offering undergraduate programs at its Long Island campus in 1974 and, in 1975, opened the Westchester Graduate Center in Hawthorne. As a result of institutional realignment, the Hawthorne campus was closed in August 2013, and the Long Island Campus was closed in May 2014.

In 1985, the New York State Board of Regents granted the institution university status and the official name became Polytechnic University.

The next 15 years saw a period of great activity as the University played a key part in the creation of MetroTech Center, a 16-acre, \$1.5-billion university-corporate park, which was built around Polytechnic's existing buildings and revitalized an area that had been in decline. Polytechnic updated its facilities, renovated its student-center building and built a new home for its library and for the Center for Advanced Technology in Telecommunications. The University also began to offer several programs in management of technology and financial engineering in the heart of Manhattan's high-technology and financial district.

During this time, the University launched the Campaign for Polytechnic - Fulfilling the American Dream - to raise \$275 million to transform itself into one of the nation's premier technological universities. In 1998,

Polytechnic received a \$175 million bequest from the estates of Donald F. Othmer, a longtime Polytechnic professor, and his wife, Mildred. At that time, it was the largest single cash gift ever made to a private American university. In 1999, Polytechnic received its second largest contribution from alumnus and former student of Professor Othmer, Joseph J. Jacobs, who gave \$20 million.

In 2000, Polytechnic began construction on two new buildings on the MetroTech campus: the Joseph J. and Violet J. Jacobs Building, an eight-story academic and athletic facility with classrooms and laboratories and a full gymnasium; and the 20-story, 400-bed Donald F. and Mildred Topp Othmer Residence Hall, Polytechnic's first on-campus residence hall in Brooklyn. Both buildings opened in summer 2002. Since that time, the NYU School of Engineering has expanded into all four sides of MetroTech, while enhancing its existing facilities.

In 2008 the University entered into a formal affiliation with New York University in recognition of the synergies between engineering, science, technology, medicine, dentistry, public policy, law and the arts. It became known as the Polytechnic Institute of New York University, or informally as NYU-Poly, the affiliation has further enhanced its capability to prepare leaders to address the challenges of the 21st century. In 2012, the Board of Trustees of NYU and the Board of Trustees of NYU-Poly voted for the institutions to undertake the final set of steps necessary to complete the merger and make NYU-Poly NYU's School of Engineering. Key approvals from state and accrediting authorities subsequently kept the merger on track, and it was finalized as of January 1, 2014, at which point NYU-Poly became the newest school at NYU: the NYU Polytechnic School of Engineering. Thanks to a visionary and generous donation made in 2015, the NYU Board of Trustees made the decision to rename the school NYU Tandon School of Engineering. In 2022, the University demonstrated its commitment to growing engineering at NYU by publicly announcing a \$1B long-term investment to increase tenured and tenure-track faculty by nearly 50%, fuel groundbreaking research, and expand lab, administrative, student, and experiential learning spaces in Downtown Brooklyn.

The NYU Tandon School of Engineering delivers programs on-site, online, and in hybrid modalities locally and globally. NYU Tandon students also have the ability to study abroad at NYU's global sites and other affiliated international universities.

Mission Statement

To excel as a leading high-quality research university engaged in education, discovery and innovation with social, intellectual and economic impact in the New York region, the nation and the world.

To achieve this mission, we educate, discover and invent. We engage students seeking educational achievement and opportunity, faculty seeking excellence and relevance, and organizations seeking solutions and talent. We creatively bring intellectual rigor, technological innovation and a passion for science to the communities where we work and live and to the citizens of the world.

We innovatively extend the benefits of science, engineering, management and liberal studies to critical real-world opportunities and challenges, especially those linked to urban systems, health and wellness and the global information economy.

Our learning environment develops the skills to discover and invent, stimulates innovation and encourages entrepreneurship. We refer to this environment of invention, innovation and entrepreneurship as i^2e . It is what has produced generations of thought leaders and action-

oriented learners who are capable of thinking globally and across multiple disciplines.

Research at the NYU Tandon School of Engineering

The NYU Tandon School of Engineering offers major research programs in experimental, theoretical and computational areas, leading to significant contributions in the advancement of technology. The NYU Tandon School of Engineering faculty continue to excel as world leaders in areas that include power engineering, electromagnetics and wave propagation, wireless communication and networks, telecommunication and distributed information systems, cybersecurity, data management, software engineering and development, polymer chemistry and engineering, dynamical systems, smart materials, biomaterials, bioengineering, engineered interfaces, plasma science and technology, sensors and sensor systems, urban engineering relating to urban infrastructure, resiliency, and smart cities.

Global Outreach

In addition to its programs on the main campus in downtown Brooklyn, the NYU Tandon School of Engineering offers programs around the globe remotely through online courses. NYU Tandon School of Engineering is closely connected to engineering in NYU Abu Dhabi and NYU Shanghai as well as to the NYU Center for Urban Science and Progress (CUSP) also located in Downtown Brooklyn, while operating three innovation incubators. In addition, as discussed throughout, students and faculty enjoy many opportunities to take advantage of the resources and broader community in Manhattan at Washington Square and along the Medical Corridor on First Avenue and around the globe.

Programs

- Applied Urban Science and Informatics (MS) (<https://bulletins.nyu.edu/graduate/engineering/programs/applied-urban-science-informatics-ms/>)
- Bioinformatics (MS) (<https://bulletins.nyu.edu/graduate/engineering/programs/bioinformatics-online-ms/>)
- Biomedical Engineering (MS) (<https://bulletins.nyu.edu/graduate/engineering/programs/biomedical-engineering-ms/>)
- Biomedical Engineering (PhD) (<https://bulletins.nyu.edu/graduate/engineering/programs/biomedical-engineering-phd/>)
- Biotechnology (MS) (<https://bulletins.nyu.edu/graduate/engineering/programs/biotechnology-ms/>)
- Biotechnology and Entrepreneurship (MS) (<https://bulletins.nyu.edu/graduate/engineering/programs/biotechnology-entrepreneurship-ms/>)
- Chemical Engineering (MS) (<https://bulletins.nyu.edu/graduate/engineering/programs/chemical-engineering-ms/>)
- Chemical Engineering (PhD) (<https://bulletins.nyu.edu/graduate/engineering/programs/chemical-engineering-phd/>)
- Civil Engineering (MS) (<https://bulletins.nyu.edu/graduate/engineering/programs/civil-engineering-ms/>)
- Civil Engineering (PhD) (<https://bulletins.nyu.edu/graduate/engineering/programs/civil-engineering-phd/>)
- Computer Engineering (MS) (<https://bulletins.nyu.edu/graduate/engineering/programs/computer-engineering-ms/>)
- Computer Science (PhD) (<https://bulletins.nyu.edu/graduate/engineering/programs/computer-science-phd/>)
- Computer Science Tandon (MS) (<https://bulletins.nyu.edu/graduate/engineering/programs/computer-science-tdandon-ms/>)
- Construction Management (Advanced Certificate) (<https://bulletins.nyu.edu/graduate/engineering/programs/construction-management-advanced-certificate/>)
- Construction Management (MS) (<https://bulletins.nyu.edu/graduate/engineering/programs/construction-management-ms/>)
- Cybersecurity (MS) (<https://bulletins.nyu.edu/graduate/engineering/programs/cybersecurity-ms/>)
- Electrical and Computer Engineering (PhD) (<https://bulletins.nyu.edu/graduate/engineering/programs/electrical-computer-engineering-phd/>)
- Electrical Engineering (MS) (<https://bulletins.nyu.edu/graduate/engineering/programs/electrical-engineering-ms/>)
- Emerging Technologies (MS) (<https://bulletins.nyu.edu/graduate/engineering/programs/emerging-technologies-ms/>)
- Environmental Engineering (MS) (<https://bulletins.nyu.edu/graduate/engineering/programs/environmental-engineering-ms/>)
- Environmental Science (MS) (<https://bulletins.nyu.edu/graduate/engineering/programs/environmental-science-ms/>)
- Executive Construction Management (Advanced Certificate) (<https://bulletins.nyu.edu/graduate/engineering/programs/executive-construction-management-advanced-certificate/>)
- Financial Engineering (MS) (<https://bulletins.nyu.edu/graduate/engineering/programs/financial-engineering-ms/>)
- Human-Centered Technology, Innovation & Design (PhD) (<https://bulletins.nyu.edu/graduate/engineering/programs/human-centered-technology-innovation-design-phd/>)
- Industrial Engineering (MS) (<https://bulletins.nyu.edu/graduate/engineering/programs/industrial-engineering-ms/>)
- Integrated Design and Media (MS) (<https://bulletins.nyu.edu/graduate/engineering/programs/integrated-design-media-ms/>)
- Management of Technology (MS) (<https://bulletins.nyu.edu/graduate/engineering/programs/management-technology-ms/>)
- Mathematical Sciences (MS) (<https://bulletins.nyu.edu/graduate/engineering/programs/mathematical-sciences-ms/>)
- Mechanical Engineering (MS) (<https://bulletins.nyu.edu/graduate/engineering/programs/mechanical-engineering-ms/>)
- Mechanical Engineering (PhD) (<https://bulletins.nyu.edu/graduate/engineering/programs/mechanical-engineering-phd/>)
- Mechatronics and Robotics (MS) (<https://bulletins.nyu.edu/graduate/engineering/programs/mechatronics-robotics-ms/>)
- Traffic Engineering (Advanced Certificate) (<https://bulletins.nyu.edu/graduate/engineering/programs/traffic-engineering-advanced-certificate/>)
- Transportation Systems (MS) (<https://bulletins.nyu.edu/graduate/engineering/programs/transportation-systems-ms/>)
- Transportation Systems (PhD) (<https://bulletins.nyu.edu/graduate/engineering/programs/transportation-systems-phd/>)
- Urban Infrastructure Systems (MS) (<https://bulletins.nyu.edu/graduate/engineering/programs/urban-infrastructure-systems-ms/>)
- Urban Systems (PhD) (<https://bulletins.nyu.edu/graduate/engineering/programs/urban-systems-phd/>)

Interdisciplinary Program

The Tandon School of Engineering and School of Law offer the following interdisciplinary program:

- Cybersecurity Risk and Strategy (MS) (<https://bulletins.nyu.edu/graduate/law/programs/cybersecurity-risk-strategy-ms/>)

Accreditation

All NYU Tandon PhD, MS, and Advanced Certificate programs are accredited by the Middle States Commission on Higher Education (<https://www.msche.org/>) and are registered with the New York State Education Department (<https://www.nysed.gov/>).

Faculty

A

Amine Aboussalah

Industry Assistant Professor

Finance & Risk Engineering, Tandon School of Engineering
Doctor of Philosophy (Ph.D.)

Jasper Ainsworth

Industry Assistant Professor

Chemical and Biomolecular Engineering, Tandon School of Engineering
Doctor of Philosophy (Ph.D.)

Ahmed Ansari

Industry Assistant Professor

Technology, Culture and Society, Tandon School of Engineering
Doctor of Philosophy (Ph.D.)

Salim Arfaoui

Industry Associate Professor

Computer Science & Engineering, Tandon School of Engineering
Doctor of Science (D.Sc.)

Stephen Arnold

Professor

Applied Physics, Tandon School of Engineering
Doctorate (Academic)

Boris Aronov

Professor

Computer Science & Engineering, Tandon School of Engineering
Doctorate (Academic)

Mohamad Awada

Assistant Professor

Civil and Urban Engineering, Tandon School of Engineering

Eray S Aydil

Professor

Tandon School of Engineering
Doctor of Philosophy (Ph.D.)

B

Jonathan Bain

Professor

Technology, Culture and Society, Tandon School of Engineering
Doctor of Philosophy (Ph.D.)

Ainesh Bakshi

Assistant Professor

Computer Science & Engineering, Tandon School of Engineering

Jona Ballé

Associate Professor

Electrical & Computer Engineering, Tandon School of Engineering
Doctor of Philosophy (Ph.D.)

Paola Bardetti

Industry Assistant Professor

Chemical and Biomolecular Engineering, Tandon School of Engineering
Doctor of Philosophy (Ph.D.)

Rakesh Kumar Behera

Industry Associate Professor

Mechanical and Aerospace Engineering, Tandon School of Engineering
Doctor of Philosophy (Ph.D.)

Rosanna Bellini

Assistant Professor

Computer Science & Engineering, Tandon School of Engineering
Doctor of Philosophy (Ph.D.)

Joshua Bennett

Industry Associate Professor

Chemical and Biomolecular Engineering, Tandon School of Engineering
Doctor of Philosophy (Ph.D.)

Jabril Bensedrine

Industry Associate Professor

Technology Management and Innovation, Tandon School of Engineering
Doctor of Philosophy (Ph.D.)

Aaron Bernstein

Professor

Computer Science & Engineering, Tandon School of Engineering
Doctor of Philosophy (Ph.D.)

Emily Black

Assistant Professor

Computer Science & Engineering, Tandon School of Engineering
Doctor of Philosophy (Ph.D.)

Barry Blecherman

Industry Professor

Finance & Risk Engineering, Tandon School of Engineering
Doctorate (Academic)

Joseph Borowiec

Industry Professor

Mechanical and Aerospace Engineering, Tandon School of Engineering
Doctorate (Academic)

Linda Ng Boyle

Professor

Tandon School of Engineering
Doctor of Philosophy (Ph.D.)

Tega Brain

Industry Associate Professor

Technology, Culture and Society, Tandon School of Engineering
Master of Arts (M.A.)

Andre Butler

Industry Professor

Civil and Urban Engineering, Tandon School of Engineering
Doctor of Philosophy (Ph.D.)

C

Matthew S Campisi

Industry Associate Professor

Electrical & Computer Engineering, Tandon School of Engineering
Doctorate (Academic)

Nairen Cao

Assistant Professor/Faculty Fellow

Computer Science & Engineering, Tandon School of Engineering
Doctor of Philosophy (Ph.D.)

Justin Cappos

Professor

Computer Science & Engineering, Tandon School of Engineering
Doctor of Philosophy (Ph.D.)

Jonathan Chao

Professor

Electrical & Computer Engineering, Tandon School of Engineering
Doctorate (Academic)

Rupak Chatterjee

Industry Assistant Professor

Applied Physics, Tandon School of Engineering

Rishabh Chauhan

Industry Assistant Professor

Center for Urban Science + Progress, Tandon School of Engineering
Doctor of Philosophy (Ph.D.)

Weiqiang Chen

Professor

Mechanical and Aerospace Engineering, Tandon School of Engineering
Doctorate (Academic)

Yi-Jen Chiang

Associate Professor

Computer Science & Engineering, Tandon School of Engineering
Doctorate (Academic)

Lawrence Chiarelli

Industry Professor

Civil and Urban Engineering, Tandon School of Engineering
Juris Doctor (J.D.)

Anna Ewa Choromanska

Associate Professor

Electrical & Computer Engineering, Tandon School of Engineering
Doctorate (Academic)

Joseph Y.J. Chow

Associate Professor

Civil and Urban Engineering, Tandon School of Engineering
Doctorate (Academic)

Robert Alexander Crowell

Assistant Professor/Faculty Fellow

Finance & Risk Engineering, Tandon School of Engineering

Wenqi Cui

Assistant Professor

Electrical & Computer Engineering, Tandon School of Engineering
Doctor of Philosophy (Ph.D.)

D

Michael T D'Emic

Industry Associate Professor

Technology Management and Innovation, Tandon School of Engineering
Doctor of Philosophy (Ph.D.)

Nirod K Das

Associate Professor

Electrical & Computer Engineering, Tandon School of Engineering
Doctorate (Academic)

Vedant Das Swain

Assistant Professor

Technology Management and Innovation, Tandon School of Engineering
Doctor of Philosophy (Ph.D.)

Kristen Day

Professor

Tandon School of Engineering
Doctor of Philosophy (Ph.D.)

Irene de Lazaro del Rey

Assistant Professor

Biomedical Engineering, Tandon School of Engineering
Doctor of Philosophy (Ph.D.)

Francisco De Leon

Professor

Electrical & Computer Engineering, Tandon School of Engineering
Doctorate (Academic)

Giuseppe Maria de Peppo

Industry Associate Professor

Chemical and Biomolecular Engineering, Tandon School of Engineering
Doctor of Philosophy (Ph.D.)

Peter DePasquale

Industry Professor

Computer Science & Engineering, Tandon School of Engineering
Doctor of Philosophy (Ph.D.)

Ratan Kumer Dey

Industry Associate Professor

Computer Science & Engineering, Tandon School of Engineering
Doctor of Philosophy (Ph.D.)

John Di Bartolo

Industry Professor

Tandon School of Engineering
Doctorate (Academic)

Cassandra Diaz-Allen

Industry Assistant Professor

Chemical and Biomolecular Engineering, Tandon School of Engineering
Doctor of Philosophy (Ph.D.)

Nicholas A. Dizinno

Industry Professor

Mechanical and Aerospace Engineering, Tandon School of Engineering
Doctorate (Academic)

Graham Dove

Assistant Professor
Technology Management and Innovation, Tandon School of Engineering
Doctor of Philosophy (Ph.D.)

Mike Driscoll

Industry Associate Professor
Technology Management and Innovation, Tandon School of Engineering
Master of Business Administration (M.B.A.)

Roger L. Dubois

Professor
Tandon School of Engineering
Doctorate (Academic)

De Angela Angela L. Duff

Industry Professor
Technology, Culture and Society, Tandon School of Engineering
Master of Fine Arts (M.F.A.)

Vikram Duvvuri

Industry Associate Professor
Applied Physics, Tandon School of Engineering
Doctor of Philosophy (Ph.D.)

E**Semiha Ergan**

Associate Professor
Civil and Urban Engineering, Tandon School of Engineering
Doctorate (Academic)

Elza Erkip

Professor
Electrical & Computer Engineering, Tandon School of Engineering
Doctorate (Academic)

F**Rose T. Faghih**

Associate Professor
Biomedical Engineering, Tandon School of Engineering
Doctor of Philosophy (Ph.D.)

Craig Elliott Fahner

Visiting Assistant Professor
Technology, Culture and Society, Tandon School of Engineering
Doctor of Philosophy (Ph.D.)

Martin Farach-Colton

Professor with Chair
Tandon School of Engineering
Doctor of Philosophy (Ph.D.)

Chen Feng

Assistant Professor
Civil and Urban Engineering, Tandon School of Engineering
Doctorate (Academic)

Teresa M Feroli

Associate Professor
Technology, Culture and Society, Tandon School of Engineering
Doctorate (Academic)

Scott Fitzgerald*Industry Associate Professor*

Technology, Culture and Society, Tandon School of Engineering
Master of Professional Studies (M.P.S.)

Juliana Freire

Professor
Computer Science & Engineering, Tandon School of Engineering
Doctorate (Academic)

G**Jean Gallagher**

Professor
Tandon School of Engineering
Doctorate (Academic)

Carla Gannis

Industry Professor
Technology, Culture and Society, Tandon School of Engineering
Master of Fine Arts (M.F.A.)

Bruce A Garetz

Professor
Chemical and Biomolecular Engineering, Tandon School of Engineering
Doctorate (Academic)

Siddharth Garg

Professor
Electrical & Computer Engineering, Tandon School of Engineering
Doctorate (Academic)

Masoud Ghandehari

Professor
Civil and Urban Engineering, Tandon School of Engineering
Doctorate (Academic)

Regine MaryAnne Gilbert

Industry Assistant Professor
Technology, Culture and Society, Tandon School of Engineering
Master of Business Administration (M.B.A.)

Danya A Glabau

Industry Assistant Professor
Technology, Culture and Society, Tandon School of Engineering
Doctor of Philosophy (Ph.D.)

Allan B Goldstein

Senior Lecturer
Technology, Culture and Society, Tandon School of Engineering
Master of Arts (M.A.)

Rachel Greenstadt

Professor
Computer Science & Engineering, Tandon School of Engineering
Doctor of Philosophy (Ph.D.)

Nikita A Grigoryev

Industry Assistant Professor
Chemical and Biomolecular Engineering, Tandon School of Engineering
Doctor of Philosophy (Ph.D.)

Augustin Clairy Guibaud

Assistant Professor
Mechanical and Aerospace Engineering, Tandon School of Engineering

Doctor of Philosophy (Ph.D.)

Nikhil Gupta

Professor

Mechanical and Aerospace Engineering, Tandon School of Engineering
Doctorate (Academic)

Julien Guyon

Visiting Associate Professor

Finance & Risk Engineering, Tandon School of Engineering
Doctorate (Academic)

H

Arezo Hajesfandiari

Industry Associate Professor

Mechanical and Aerospace Engineering, Tandon School of Engineering
Doctor of Philosophy (Ph.D.)

Kaitlyn Hanley

Industry Associate Professor

Civil and Urban Engineering, Tandon School of Engineering
Doctor of Philosophy (Ph.D.)

Michael Elia Mikhael Hanna

Industry Assistant Professor

Biomedical Engineering, Tandon School of Engineering
Doctor of Philosophy (Ph.D.)

Ryan Lee Hartman

Professor

Chemical and Biomolecular Engineering, Tandon School of Engineering
Doctorate (Academic)

Sven Haverkamp

Industry Associate Professor

Mechanical and Aerospace Engineering, Tandon School of Engineering
Doctor of Philosophy (Ph.D.)

Chinmay Hegde

Associate Professor

Computer Science & Engineering, Tandon School of Engineering
Doctor of Philosophy (Ph.D.)

Lisa Hellerstein

Professor

Tandon School of Engineering
Doctorate (Academic)

Elizabeth Marie Henaff

Assistant Professor

Technology, Culture and Society, Tandon School of Engineering
Doctorate (Academic)

Juanita Hidalgo

Assistant Professor

Chemical and Biomolecular Engineering, Tandon School of Engineering

Andreas H Hielscher

Professor

Tandon School of Engineering
Doctorate (Academic)

Alon Hillel-Tuch

Industry Assistant Professor

Computer Science & Engineering, Tandon School of Engineering

Mohsen Hossein

Industry Professor

Civil and Urban Engineering, Tandon School of Engineering
Doctor of Philosophy (Ph.D.)

Danny Huang

Assistant Professor

Electrical & Computer Engineering, Tandon School of Engineering
Doctor of Philosophy (Ph.D.)

Jeffrey Hubbell

Professor

Chemical and Biomolecular Engineering, Tandon School of Engineering
Doctor of Philosophy (Ph.D.)

I

Magued G Iskander

Professor

Tandon School of Engineering
Doctorate (Academic)

Pavel Izmailov

Assistant Professor

Computer Science & Engineering, Tandon School of Engineering
Doctor of Philosophy (Ph.D.)

J

Margaret Jack

Industry Assistant Professor

Technology, Culture and Society, Tandon School of Engineering
Doctorate (Academic)

Zhong-Ping Jiang

Professor

Electrical & Computer Engineering, Tandon School of Engineering
Doctor of Philosophy (Ph.D.)

Bertha T. Jimenez Leon

Industry Assistant Professor

Technology Management and Innovation, Tandon School of Engineering
Doctor of Philosophy (Ph.D.)

Weihua Jin

Industry Professor

Civil and Urban Engineering, Tandon School of Engineering
Doctor of Philosophy (Ph.D.)

K

Vikram Kapila

Professor

Mechanical and Aerospace Engineering, Tandon School of Engineering
Doctorate (Academic)

Ramesh Karri

Professor

Electrical & Computer Engineering, Tandon School of Engineering
Doctorate (Academic)

Daniel Katz-Braunschweig

Industry Professor

Computer Science & Engineering, Tandon School of Engineering

Master of Science (M.S.)

Farshad Khorrami

Professor

Electrical & Computer Engineering, Tandon School of Engineering
Doctorate (Academic)

Jin Ryoun Kim

Associate Professor

Chemical and Biomolecular Engineering, Tandon School of Engineering
Doctor of Philosophy (Ph.D.)

Joo Hyun Kim

Associate Professor

Mechanical and Aerospace Engineering, Tandon School of Engineering
Doctorate (Academic)

Michael Edward Knox

Industry Professor

Electrical & Computer Engineering, Tandon School of Engineering
Doctor of Philosophy (Ph.D.)

Pavel Kots

Assistant Professor

Chemical and Biomolecular Engineering, Tandon School of Engineering
Doctor of Philosophy (Ph.D.)

Jelena Kovacevic

Professor

Electrical & Computer Engineering, Tandon School of Engineering
Doctor of Philosophy (Ph.D.)

Robert Krueger

Assistant Professor

Computer Science & Engineering, Tandon School of Engineering
Doctor of Philosophy (Ph.D.)

Katsuo Kurabayashi

Professor

Tandon School of Engineering
Doctor of Philosophy (Ph.D.)

L

Debra Laefer

Professor

Civil and Urban Engineering, Tandon School of Engineering
Doctor of Philosophy (Ph.D.)

Mark Lee

Industry Assistant Professor

Technology Management and Innovation, Tandon School of Engineering
Doctor of Philosophy (Ph.D.)

Sanghoon Nathan Lee

Industry Professor

Mechanical and Aerospace Engineering, Tandon School of Engineering
Doctorate (Academic)

David G Lefer

Industry Associate Professor

General Engineering, Tandon School of Engineering
Master of Science (M.S.)

Rastislav Levicky

Professor

Chemical and Biomolecular Engineering, Tandon School of Engineering
Doctorate (Academic)

James P Lewis

Senior Lecturer

Technology, Culture and Society, Tandon School of Engineering
Master of Arts (M.A.)

Peter Yuk Li

Industry Assistant Professor

General Engineering, Tandon School of Engineering
Bachelor of Science (B.S.)

Rui Li

Industry Assistant Professor

General Engineering, Tandon School of Engineering
Doctor of Philosophy (Ph.D.)

Yuzhang Lin

Assistant Professor

Electrical & Computer Engineering, Tandon School of Engineering
Doctor of Philosophy (Ph.D.)

Shizhu Liu

Industry Associate Professor

Technology Management and Innovation, Tandon School of Engineering
Doctor of Philosophy (Ph.D.)

Yong Liu

Professor

Electrical & Computer Engineering, Tandon School of Engineering
Doctorate (Academic)

Dung Dinh Luong

Industry Associate Professor

Mechanical and Aerospace Engineering, Tandon School of Engineering
Doctor of Philosophy (Ph.D.)

M

Xiao Ma

Industry Assistant Professor

Biomedical Engineering, Tandon School of Engineering
Doctor of Philosophy (Ph.D.)

Dharik Mallapragada

Assistant Professor

Chemical and Biomolecular Engineering, Tandon School of Engineering
Doctor of Philosophy (Ph.D.)

Roula Maloof

Senior Lecturer

Civil and Urban Engineering, Tandon School of Engineering
Doctorate (Academic)

Omar Mansour

Industry Associate Professor

Computer Science & Engineering, Tandon School of Engineering
Doctor of Philosophy (Ph.D.)

Sylvia Marks

Professor

Technology, Culture and Society, Tandon School of Engineering

Doctor of Philosophy (Ph.D.)

Thomas Mazzone

Industry Professor

Technology Management and Innovation, Tandon School of Engineering
Master of Business Administration (M.B.A.)

Damon McCoy

Professor

Computer Science & Engineering, Tandon School of Engineering
Doctorate (Academic)

Kathleen Marie McDermott

Industry Assistant Professor

Technology, Culture and Society, Tandon School of Engineering
Master of Fine Arts (M.F.A.)

Nasir Memon

Professor

Computer Science & Engineering, Tandon School of Engineering
Doctorate (Academic)

Yuki Miura

Assistant Professor

Mechanical and Aerospace Engineering, Tandon School of Engineering
Doctor of Philosophy (Ph.D.)

Miguel Antonio Modestino

Associate Professor

Chemical and Biomolecular Engineering, Tandon School of Engineering
Doctorate (Academic)

Jin Kim Montclare

Professor

Chemical and Biomolecular Engineering, Tandon School of Engineering
Doctorate (Academic)

Pavlos Mourdoukoutas

Industry Professor

Technology Management and Innovation, Tandon School of Engineering
Doctorate (Academic)

David Mugglin

Industry Professor

Applied Physics, Tandon School of Engineering
Doctor of Philosophy (Ph.D.)

Christopher Musco

Associate Professor

Computer Science & Engineering, Tandon School of Engineering
Doctor of Philosophy (Ph.D.)

N

Oded Nov

Professor

Tandon School of Engineering
Doctorate (Academic)

O

Duncan T Osborne

Lecturer

General Engineering, Tandon School of Engineering
Master's Level Degree

Kaan Ozbay

Professor

Civil and Urban Engineering, Tandon School of Engineering
Doctor of Philosophy (Ph.D.)

P

Shivendra Panwar

Professor

Electrical & Computer Engineering, Tandon School of Engineering
Doctorate (Academic)

Ingrid J Paredes

Industry Assistant Professor

General Engineering, Tandon School of Engineering
Doctorate (Academic)

David Parisi

Associate Professor

Technology, Culture and Society, Tandon School of Engineering
Doctor of Philosophy (Ph.D.)

Manny Patole

Industry Assistant Professor

Center for Urban Science + Progress, Tandon School of Engineering
Master's Level Degree

William Zhiren Peng

Visiting Assistant Professor

Mechanical and Aerospace Engineering, Tandon School of Engineering
Doctor of Philosophy (Ph.D.)

Gabriel Perez-Giz

Industry Assistant Professor

Applied Physics, Tandon School of Engineering
Doctorate (Academic)

Donald S Phillips

Senior Lecturer

Technology, Culture and Society, Tandon School of Engineering
Bachelor of Science (B.S.)

Benedetta Piantella

Industry Associate Professor

Technology, Culture and Society, Tandon School of Engineering
Master of Arts (M.A.)

Unnikrishna S Pillai

Professor

Electrical & Computer Engineering, Tandon School of Engineering
Doctorate (Academic)

Nathalie May Pinkerton

Assistant Professor

Chemical and Biomolecular Engineering, Tandon School of Engineering
Doctorate (Academic)

Christopher Policastro

Industry Associate Professor

Technology Management and Innovation, Tandon School of Engineering
Doctor of Philosophy (Ph.D.)

Maurizio Porfiri

Professor

Tandon School of Engineering

Doctorate (Academic)

R

Akbar Rafiey

Visiting Assistant Professor

Computer Science & Engineering, Tandon School of Engineering
Doctor of Philosophy (Ph.D.)

Hamed Rahmani

Assistant Professor

Electrical & Computer Engineering, Tandon School of Engineering
Doctor of Philosophy (Ph.D.)

Sundeep Rangan

Professor

Electrical & Computer Engineering, Tandon School of Engineering
Doctorate (Academic)

Theodore Rappaport

Professor

Electrical & Computer Engineering, Tandon School of Engineering
Doctorate (Academic)

Phillip Mark Rauscher

Assistant Professor

Chemical and Biomolecular Engineering, Tandon School of Engineering

Brandon J Reagen

Assistant Professor

Electrical & Computer Engineering, Tandon School of Engineering
Doctor of Philosophy (Ph.D.)

Darryl A Reeves

Industry Associate Professor

Computer Science & Engineering, Tandon School of Engineering
Doctor of Philosophy (Ph.D.)

Elisa Riedo

Professor

Chemical and Biomolecular Engineering, Tandon School of Engineering
Doctorate (Academic)

Ludovic Dominique Righetti

Professor

Electrical & Computer Engineering, Tandon School of Engineering
Doctor of Science (D.Sc.)

Benjamin Riviere

Assistant Professor

Mechanical and Aerospace Engineering, Tandon School of Engineering

Julia Robinson-Surry

Industry Professor

Chemical and Biomolecular Engineering, Tandon School of Engineering
Doctor of Philosophy (Ph.D.)

Sebastian Romero Cruz

Industry Assistant Professor

Computer Science & Engineering, Tandon School of Engineering
Master of Science (M.S.)

Sarah Rosenthal

Lecturer

General Engineering, Tandon School of Engineering

Master of Fine Arts (M.F.A.)

Austin Rovinski

Assistant Professor

Electrical & Computer Engineering, Tandon School of Engineering
Doctor of Philosophy (Ph.D.)

Anton Rozhkov

Industry Assistant Professor

Center for Urban Science + Progress, Tandon School of Engineering
Doctor of Philosophy (Ph.D.)

Bridger Ruyle

Assistant Professor

Civil and Urban Engineering, Tandon School of Engineering
Doctor of Philosophy (Ph.D.)

Jason Alexander Röhr

Industry Associate Professor

General Engineering, Tandon School of Engineering
Doctor of Philosophy (Ph.D.)

S

Iskender Sahin

Industry Professor

Mechanical and Aerospace Engineering, Tandon School of Engineering
Doctor of Philosophy (Ph.D.)

Ayaskanta Sahu

Associate Professor

Chemical and Biomolecular Engineering, Tandon School of Engineering
Doctor of Philosophy (Ph.D.)

Gustavo Sandoval

Industry Professor

Computer Science & Engineering, Tandon School of Engineering
Master of Science (M.S.)

Raz Saremi

Industry Assistant Professor

Computer Science & Engineering, Tandon School of Engineering

Ivan W Selesnick

Professor

Tandon School of Engineering
Doctorate (Academic)

Linda M Sellie

Industry Professor

Computer Science & Engineering, Tandon School of Engineering
Doctor of Philosophy (Ph.D.)

Davood Shahrjerdi

Professor

Electrical & Computer Engineering, Tandon School of Engineering
Doctor of Philosophy (Ph.D.)

Shrutivandana Sharma

Industry Associate Professor

Technology Management and Innovation, Tandon School of Engineering
Doctor of Philosophy (Ph.D.)

Valery A Sheverev

Industry Professor

Applied Physics, Tandon School of Engineering
Doctorate (Academic)

David Shimko

Industry Professor
Finance & Risk Engineering, Tandon School of Engineering
Doctorate (Academic)

Anamika Shreevastava

Assistant Professor
Mechanical and Aerospace Engineering, Tandon School of Engineering
Doctor of Philosophy (Ph.D.)

Claudio Silva

Professor
Computer Science & Engineering, Tandon School of Engineering
Doctor of Philosophy (Ph.D.)

Andrea Idette Silverman

Associate Professor
Civil and Urban Engineering, Tandon School of Engineering
Doctor of Philosophy (Ph.D.)

Richard Stein

Industry Associate Professor
Chemical and Biomolecular Engineering, Tandon School of Engineering
Doctor of Medicine (M.D.)

John Sterling

Industry Professor
Computer Science & Engineering, Tandon School of Engineering
Master of Science (M.S.)

Julia Stoyanovich

Associate Professor
Computer Science & Engineering, Tandon School of Engineering
Doctorate (Professional)

Hao Su

Associate Professor
Biomedical Engineering, Tandon School of Engineering
Doctor of Philosophy (Ph.D.)

Torsten Suel

Professor
Computer Science & Engineering, Tandon School of Engineering
Doctorate (Academic)

Qi Sun

Assistant Professor
Computer Science & Engineering, Tandon School of Engineering
Doctor of Philosophy (Ph.D.)

T

Itay Tal

Industry Associate Professor
Computer Science & Engineering, Tandon School of Engineering
Master of Science (M.S.)

Andre D Taylor

Professor
Chemical and Biomolecular Engineering, Tandon School of Engineering
Doctorate (Academic)

Iwao Teraoka

Professor
Chemical and Biomolecular Engineering, Tandon School of Engineering
Doctorate (Academic)

Julian Togelius

Associate Professor
Computer Science & Engineering, Tandon School of Engineering
Doctorate (Academic)

Paul Torrens

Professor
Computer Science & Engineering, Tandon School of Engineering
Doctor of Philosophy (Ph.D.)

Agnes Tourin

Industry Associate Professor
Finance & Risk Engineering, Tandon School of Engineering
Doctor of Philosophy (Ph.D.)

Nizar Touzi

Professor
Tandon School of Engineering
Doctor of Philosophy (Ph.D.)

Eleonora Maria Tronci

Assistant Professor
Civil and Urban Engineering, Tandon School of Engineering

David Truong

Assistant Professor
Biomedical Engineering, Tandon School of Engineering
Doctor of Philosophy (Ph.D.)

Vladimir Tsifrinovich

Industry Professor
Applied Physics, Tandon School of Engineering
Doctorate (Academic)

Dishita Turakhia

Assistant Professor/Faculty Fellow
Computer Science & Engineering, Tandon School of Engineering
Doctor of Philosophy (Ph.D.)

U

Joline Uichanco

Associate Professor
Technology Management and Innovation, Tandon School of Engineering

Jose Miguel Ulerio

Industry Professor
Civil and Urban Engineering, Tandon School of Engineering
Master of Science (M.S.)

V

Erdem Varol

Assistant Professor
Computer Science & Engineering, Tandon School of Engineering
Doctor of Philosophy (Ph.D.)

Daniel Vignon

Assistant Professor
Civil and Urban Engineering, Tandon School of Engineering

Doctor of Philosophy (Ph.D.)

Kimberly Villalobos Carballo

Assistant Professor

Technology Management and Innovation, Tandon School of Engineering
Bachelor of Science (B.S.)

Eugene Vinitsky

Assistant Professor

Civil and Urban Engineering, Tandon School of Engineering
Doctor of Philosophy (Ph.D.)

Peter Voltz

Professor

Electrical & Computer Engineering, Tandon School of Engineering
Doctorate (Academic)

Evgeny Vulfson

Industry Professor

Chemical and Biomolecular Engineering, Tandon School of Engineering
Doctorate (Academic)

W

Qian Wang

Industry Professor

Civil and Urban Engineering, Tandon School of Engineering

Xin Wang

Industry Associate Professor

Chemical and Biomolecular Engineering, Tandon School of Engineering
Doctor of Philosophy (Ph.D.)

Yao Wang

Professor

Electrical & Computer Engineering, Tandon School of Engineering
Doctorate (Academic)

Omar Wani

Assistant Professor

Civil and Urban Engineering, Tandon School of Engineering
Doctor of Philosophy (Ph.D.)

Hanxue Wei

Industry Assistant Professor

Center for Urban Science + Progress, Tandon School of Engineering
Doctor of Philosophy (Ph.D.)

Edward K Wong

Associate Professor

Computer Science & Engineering, Tandon School of Engineering
Doctorate (Academic)

Y

Takahiro Yabe

Assistant Professor

Technology Management and Innovation, Tandon School of Engineering
Doctor of Philosophy (Ph.D.)

Z

Sai Qian Zhang

Assistant Professor

Electrical & Computer Engineering, Tandon School of Engineering

Doctor of Philosophy (Ph.D.)

Xin Zhang

Assistant Professor

Finance & Risk Engineering, Tandon School of Engineering
Doctor of Philosophy (Ph.D.)

Quanyan Zhu

Associate Professor

Electrical & Computer Engineering, Tandon School of Engineering
Doctor of Philosophy (Ph.D.)