

Contract Faculty, Chemical Engineering Process and Plant Design

The Department of Chemical and Biomolecular Engineering at the NYU Tandon School of Engineering invites applications for a full time, non-tenured, renewable faculty position to teach the two-semester senior-level chemical engineering process and plant design sequence at the level of Industry Assistant Professor or Industry Associate Professor, with a start date of August 1, 2022.

Responsibilities of the position will include teaching the senior design sequence and participation in other teaching assignments as needed. Experience in the design of processes and/or products through modern engineering software tools (e.g., Aspen) and including risk and economic analysis, safety design, and regulatory compliance is highly preferred. In addition, the successful candidate will possess excellent pedagogical skills to oversee teams of students designing processes and plants for chemical manufacturing while developing their soft professional skills, including working in teams and oral and written presentation of technical work. Candidates must have at least a master's degree in Chemical Engineering and a record of industrial experience and/or teaching in these areas. An Industry Professor's primary roles are teaching, mentoring, and educational innovation. The position may also entail academic advising, some administrative work, and outreach.

Qualifications

We invite applicants for classroom and laboratory teaching in all areas of chemical engineering with particular emphasis on process and plant design and economic analysis. You should be an excellent teacher. You should have at least a master's degree in Chemical Engineering or a closely related discipline and a record of industrial experience and/or teaching in these areas. Candidates with Ph.D. degrees are preferred. Candidates who have recently completed a Ph.D. or a postdoc, with a minimum of 1-year of experience after the Ph.D., and who have a strong interest in teaching are especially encouraged to apply.

Application Instructions

Please submit the following materials electronically:

- Cover letter
- Current CV
- Teaching statement
- A statement of your experience with or knowledge of [inclusion, diversity, equity, and belonging efforts](#) and your plans for incorporating them into your teaching, research, mentoring, and service.
- Recent teaching evaluations (if available)
- Names and contact information for three references.

Apply Here: <https://apply.interfolio.com/100791>

We will review applications beginning on February 1, 2022 and will continue until we fill the position. We encourage you to submit early.

About Us

New York University (NYU) is one of the top private universities in the United States. NYU Tandon has an illustrious past as Brooklyn Poly and NYU Polytechnic School of Engineering. Our mission is to excel

in research, teaching, and entrepreneurship. We aim to inspire and educate engineers for the 21st century. NYU Tandon faculty are world-renowned leaders in science and technology, with a strong commitment to research, innovation, and entrepreneurship that make a difference in the world. With NYU's unrivaled global network of campuses, we promote a truly global engineering education. We are deeply committed to teaching and learning, and we lead in online education and K-12 STEM outreach. Our students conduct Vertically Integrated Research projects and participate in an extensive undergraduate summer research program.

NYU Tandon faculty and students are at the forefront of the high-tech start-up culture in New York City and enjoy access to NYU's Global Network University. The NYU Tandon School of Engineering is deeply committed to excellence in teaching and learning and fostering student and faculty innovation and entrepreneurship that change the world in meaningful ways. In support of these goals, the Chemical and Biomolecular Engineering Department is undergoing major growth and rejuvenation, having hired six new senior and junior faculty in the last three years and moving into newly renovated laboratory space in the heart of Brooklyn. The Department is now eagerly looking for additional colleagues to join the excitement and help implement its vision.

NYU Tandon is committed to substantially increase the proportion of our faculty from historically underrepresented groups in STEM and we encourage candidates from such groups to apply. We aspire to create a climate where diversity and inclusion are not only appreciated but considered an asset for creativity and innovation, and we seek faculty who have a real passion for a culturally diverse environment. We take pride in our high numbers of female students and students who are the first in their family to go to college. NYU belongs to the Higher Education Recruitment Consortium (HERC), which assists with dual-career searches, and our faculty are supported by a range of work-life balance programs provided by the [NYU Office of Work Life](#).

Equal Opportunity Statement

For people in the EU, click here for information on your privacy rights under GDPR:
www.nyu.edu/it/gdpr

NYU is an Equal Opportunity Employer and is committed to a policy of equal treatment and opportunity in every aspect of its recruitment and hiring process without regard to age, alienage, caregiver status, childbirth, citizenship status, color, creed, disability, domestic violence victim status, ethnicity, familial status, gender and/or gender identity or expression, marital status, military status, national origin, parental status, partnership status, predisposing genetic characteristics, pregnancy, race, religion, reproductive health decision making, sex, sexual orientation, unemployment status, veteran status, or any other legally protected basis. Women, racial and ethnic minorities, persons of minority sexual orientation or gender identity, individuals with disabilities, and veterans are encouraged to apply for vacant positions at all levels.

Sustainability Statement

NYU aims to be among the greenest urban campuses in the country and carbon neutral by 2040. Learn more at <https://nyu.edu/sustainability>.