ABOUT THE HOWARD P. ISERMANN DEPARTMENT OF CHEMICAL AND BIOLOGICAL ENGINEERING

STUDENTS
313 Undergraduates
85 Doctoral

RANKED 27th in 2012 US News & World Report Graduate Rankings

DEGREES OFFERED
Chemical Engineering
(B.S., M.S., M.Eng., Ph.D.)

DEGREES AWARDED IN 2011
67 Bachelors
6 Masters
10 Ph.D.

GRADUATE STUDENT SUPPORT (FALL 2012)
98% of doctoral students received financial assistance

RESEARCH AREAS
- Advanced Materials
- Biochemical and Biomedical Engineering
- Bionanotechnology
- Bioseparations
- Complex Fluids
- Drug Design and Delivery
- Interfacial Phenomena
- Metabolic Engineering
- Molecular modeling and Simulations
- Process Control and Design
- Synthetic Biology

AFFILIATED RESEARCH CENTERS
- Center for Biotechnology & Interdisciplinary Studies (CBIS)
  biotech.rpi.edu
- Rensselaer Nanotechnology Center
  rpi.edu/dept/nsec/

FACULTY
- Georges Belfort, NAE, Institute Professor
- B. Wayne Bequette, Professor
- Vidhya Chakrapani, Assistant Professor
- Cynthia Collins, Assistant Professor
- Steven Cramer, William W. Walker Professor of Polymer Engineering
- Jonathan Dordick, Howard P. Isermann ’42 Professor of Chemical and Biological Engineering
- Shekhar Garde, Department Head and Elaine S. and Jack S. Parker Chair in Engineering
- Ravi Kane, P. K. Lashmet Professor of Chemical and Biological Engineering
- Pankaj Karande, Assistant Professor

SCHOOL OF ENGINEERING: FACTS
- Founded in 1824, one of the oldest engineering schools in the country
- Located in Troy, NY, 150 miles north of New York City
- 600 graduate students
- 3,100 undergraduate students
- 30 degree programs (12 UG and 18 G)
- 55,000 living alumni

RANKINGS
- Ranked #4 on list of “World’s Best Engineering Schools” (Business Insider)
- Top-5 on list of “Wall Street’s Top Technology Schools” (Wall Street & Technology)
- Top 20 on “2012 ROI Rankings: College Education Value Compared” (Payscale.com)
- Top-25 (tied for 23) on “Best Undergraduate Engineering Programs” (USN&WR)

RESEARCH HIGHLIGHTS
- 16 Engineering Focused Research Centers
- 2 NSF Engineering Research Centers (ERC’s)
- 22 endowed chairs or professorships
- 14 National Science Foundation (NSF) Faculty Early Career Development (CAREER) Award winners (2010-2013)
- 41 Early Career Awards (e.g., NSF CAREER and other Young Investigator Awards) among current faculty

CONTACT US
DR. SHEKHAR GARDE
DEPARTMENT HEAD
GARDES@RPI.EDU

CBE.RPI.EDU

(518) 276-6929