


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
- 525 graduate students
- 3,100 undergraduate students
- 31 degree programs (12 UG and 19 G)

RESEARCH HIGHLIGHTS

- 18 Engineering Focused Research Centers
- 2 NSF Engineering Research Centers (ERC's)

SCHOOL FACULTY

- 25 endowed chairs or professorships
- 18 National Science Foundation (NSF) Faculty Early Career Development (CAREER) Award winners (2010-2014)
- 45 Early Career Awards (e.g., NSF CAREER and other Young Investigator Awards) among current faculty


DEPARTMENT FACTS
STUDENTS

1,331 Undergraduates
215 Graduate

Recent US NEWS & WORLD REPORT
GRADUATE RANKINGS

Aeronautical Engineering 23
Mechanical Engineering 25
Nuclear Engineering 14

DEGREES OFFERED

Aeronautical Engineering
(B.S., M.Eng., M.S., Ph.D.)
Engineering Physics (M.S., Ph.D.)
Mechanical Engineering
(B.S., M.Eng., M.S., Ph.D.)
Nuclear Engineering
(B.S., M.Eng., MS)
Nuclear Engineering & Science (Ph.D.)

DEGREES AWARDED IN (AY) 2015

258 Bachelors
36 Masters
22 Ph.D.

**GRADUATE STUDENT SUPPORT
(FALL 2015)**

95% of current full-time doctoral students received financial assistance

AFFILIATED RESEARCH CENTERS

- Center for Automation Technologies and Systems | cats.rpi.edu
- Center for Flow Physics and Control www.scer.rpi.edu/cefpac
- Center for Modeling, Simulation and Imaging in Medicine www.scer.rpi.edu/cemsim
- Computational Center for Nanotechnology Innovations | ccni.rpi.edu
- Center for Engineering-based Patient Modeling | cepm.rpi.edu
- Scientific Computation Research Center | scorec.rpi.edu

RESEARCH AREAS
AEROSPACE SCIENCE AND ENGINEERING

- Fluid Dynamics/Aerodynamics
- Advanced Structures/Materials
- Optimization
- Space
- Combustion/Propulsion

MECHANICAL SCIENCE AND ENGINEERING

- Mechanics and Materials
- Thermal and Fluids Engineering
- Design and Manufacturing
- Dynamics and Controls

NUCLEAR SCIENCE AND ENGINEERING

- Nuclear Power Systems
- Applied Radiation Technologies
- Radiation Protection, Medical and Industrial Uses of Radiation
- Nuclear Materials

CROSS-CUTTING RESEARCH AREAS

- Energy Science and Engineering
- Materials, Materials Processing and Controls
- Human Health and Safety

DR. SUVRANU DE
DEPARTMENT HEAD
MANE@RPI.EDU

CONTACT US

(518) 276-6351

MANE.RPI.EDU

FACULTY

- Michael Amitay, James L. Decker '45 Endowed Chair in Aerospace Engineering, Director CeFPAC
- Kurt Anderson, Professor, Associate Dean for Undergraduate Studies, School of Engineering
- Bharat Bagepalli, Professor of Practice
- Thierry Blanchet, Professor, Associate Department Head for Faculty Affairs
- Diana-Andra Borca-Tasciuc, Associate Professor
- Theodorian Borca-Tasciuc, Professor, Associate Head for Graduate Studies; Mechanical Engineering Program Director
- Peter Caracappa, Lecturer
- Aram Chung, Assistant Professor
- Yaron Danon, Professor, Nuclear Engineering Program Director, Director LINAC
- Suvranu De, Department Head, J. Erik Jonsson '22 Distinguished Professor of Engineering, Director CeMSIM
- Farhan Gandhi, Rosalind and John J. Redfern Jr. '33 Professor of Engineering; Aeronautical Engineering Program Director,
- Asish Ghosh, Professor of Practice
- Prabhat Hajela, Professor, Provost
- Thomas Haley, Lecturer
- Jason Hicken, Assistant Professor
- Amir Hirs, Professor
- Casey Hoffman, Lecturer
- Joshua Hurst, Lecturer
- Wei Ji, Associate Professor
- Hyun Gook Kang, Associate Professor
- Nikhil Koratkar, John A. Clark and Edward T. Crossan Professor of Engineering
- Chia Min Leong, Lecturer
- Jie Lian, Associate Professor
- Li (Emily) Liu, Associate Professor
- Bimal Malaviya, Professor
- Kristen Mills, Assistant Professor
- Antoinette Maniatty, Professor
- Sandipan Mishra, Associate Professor
- Shankar Narayanan, Assistant Professor
- Assad Oberai, Professor, Associate Dean for Research and Graduate Studies, School of Engineering
- Matthew Oehlschlaeger, Professor; Associate Dean for Academic Affairs, School of Engineering
- Catalin Picu, Professor and Associate Department Head for Undergraduate Studies
- Michael Podowski, Professor
- Zvi Rusak, Professor
- Onkar Sahni, Assistant Professor
- Johnson Samuel, Assistant Professor
- Henry Scarton, Associate Professor
- Mark Shephard, Samuel A. Johnson '37 and Elizabeth C. Johnson Professor of Engineering, Director SCOREC
- Richard Smith, Professor
- Sastry Sreepada, Professor of Practice
- Mark Steiner, Professor of Practice
- John Tichy, Professor
- Daniel Walczyk, Professor, Director CATS
- Xie (George) Xu, Professor, Edward E. Hood Endowed Chair
- Lucy Zhang, Associate Professor
- Wei Zhou, Lecturer

MANE.RPI.EDU
