

Dhaval D. Dadia: Student Fellow
The Graduate School - New Brunswick
Rutgers, The State University of New Jersey

Education: Bachelor of Science in Mechanical Engineering (2006)
Rutgers, The State University of New Jersey - Piscataway, NJ

Summary:

Mr. Dadia was born in Bangalore, India. He is currently pursuing a Masters degree in Mechanical Engineering at the Graduate School of New Brunswick affiliated with Rutgers University. As an undergraduate, he conducted research to study the combustion of hydrogen with its application towards hydrogen fueled engines. The study was to use a shock tube to replicate a combustion process while using emission spectroscopy to measure the amounts of Nitrous Oxides present in the post-combustion mixture. He helped build the shock tube which is to be used in various studies. As a graduate student he is conducting research with the Federal Aviation Administration to build a wing tank flammability model.

As an undergraduate, he was the President of the Rutgers Chapter of ASME, the Treasurer of the Rutgers Kodokan Jujitsu Club for three years, and Webmaster of the Tau Iota Chapter of Pi Tau Sigma. As a Graduate student, he is a graduate advisor of the Rutgers Chapter of ASME, Webmaster of the Tau Iota Chapter of Pi Tau Sigma, and the Treasurer of the Rutgers Kodokan Jujitsu Club.