

Priyank Patel

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Education

M.S. Materials Science, University of Central Florida, USA, In progress
B.S. Mechanical Engineering, University of Central Florida, USA, 2007

Training

University of Central Florida

January 2008 – Present Scanning Electron Microscope (SEM)
Raman Spectroscopy

Relevant courses

University of Central Florida

Structures and Properties of Materials, Experimental Techniques of Materials, Thermodynamics, Fluid Mechanics, Solid Mechanics, Machine Design, CAD/CAM, Engineering Statistics, Vibration Analysis

Work History

University of Central Florida

January 2008 – Present Graduate Research Assistant

Siemens Power Generation

January 2007 – Present Internship

University of Central Florida

September 2007 – December 2007 Teacher's Assistant

Research Interests

- Solid Oxide Fuel Cells (SOFC's)
- Perovskite Materials
- Electrochemically Active Ceramics
- Sintering of the Perovskite Ceramics
- Cathode and Anode in the lowest temperature in SOFC
- Oxygen Separation Membrane

Awards:

Florida Bright Future Scholarship August 2003 – December 2007

Graduate Advisor

Nina Orlovskaya, University of Central Florida, USA.