

1. **Name:** Pai, Devdas M.
Academic Rank: Professor (Full Time)
2. **Degrees:**
 - B.Tech., Mechanical Engineering, Indian Institute of Technology – Madras, 1982
 - M.S., Mechanical Engineering, Arizona State University, 1984
 - Ph.D., Mechanical Engineering, Arizona State University, 1984
3. **Number of Years Service at A&T:** Eighteen (18)
 - Original appointment as Assistant Professor – 1988
 - Promoted to Associate Professor – 1993
 - Promoted to Professor - 2003
4. **Other Related Experience:**
 - Faculty Associate, Arizona State University – 1987
 - Graduate Research / Teaching Assistant – 1982 - 1987
 - Summer Experiences: Integral Coach Factory (1980), Hindustan Lever (1981), Ford Motor Company (1990), Alcoa (1993), McDonnell-Douglas (1996, 1997)
5. **Consulting, Patents, etc.:**
 - The Gillette Company (2002)
 - National Council of Examiners for Engineering and Surveying (NCEES), (1996 – 2002)
 - Alcoa, Alcoa Center, PA (1993)
6. **States in Which Registered:** North Carolina
7. **Principal Publications of Last Five Years:**
 - Rajaram, G., Xu, Z., Jiang, X., **Pai, D.M.**, Desai, S. and Sankar, J. “A Statistical Approach to the Design and Fabrication of Anode Material for Solid Oxide Fuel Cells – A Case Study”, International Journal of Industrial Engineering – Theory, Applications and Practice, Vol. 13 (4), 2006 p. 349-356.
 - Xu, Z., Rajaram, G., Sankar, J., and **Pai, D.** “Electrophoretic Deposition of YSZ Electrolyte Coatings for Solid Oxide Fuel Cells,” Surface and Coatings Tech. Vol. 201, 2006, p. 4484-4488.
 - Rajaram, G., and **Pai, D. M.**, “Exposing High School Students to the Role of Engineering and Advanced Materials in Developing Alternative Energy Sources,” (Paper 2-II-A), Proceedings of the 21st National Educators’ Workshop Update 2006: Standard Experiments in Engineering, Materials, Science and Technology, Cincinnati, OH, Oct 2006.
 - Rajaram, G., Xu, Z., Desai, S., **Pai, D.** and Sankar, J., “Characterization Studies on the SOFC Anode Material Using RSM Technique,” Paper #IMECE2006-15040, Proceedings of the 2006 ASME International Mechanical Engineering Congress and Exposition, Chicago, IL, Nov 2006.
 - **Pai, D.**, Desai, S., Kumar, D., Filatovs, J., Yarmolenko, S. and Sankar, J., “Introducing Nanotechnology into Traditional Engineering Curricula,” Proceedings of the 9th Conference on Engineering Education (CD-ROM Paper 3171), Mayaguez, PR, July 2006.
 - Waters, C., Alford, V., Vinson, E., and **Pai, D.**, “Engineer Starters Program 2005,” Paper #2006-1972, Proceedings of the 2006 ASEE Annual Conference and Exposition, Chicago, IL, Jun 2006.
 - **Pai, D.**, and Rajaram, G., “Learning about Particle Size Characterization with a Water Pitcher Filter,” Paper #2006-2031, Proceedings of the 2006 ASEE Annual Conference and Exposition, Chicago, IL, Jun 2006.
8. **Scientific and Professional Societies of Which a Member:**
 - ASME, ASEE, ASTM

9. Honors and Awards:

- Team Prize - Best Scenario Report – ASME Technology Executives Conference, Pittsburgh, PA, 2005
- Who's Who in America, 57th edition, 2003

10. Institutional and Professional Service (Last Five Years):

- Member, Institutional Review Board, NC A&T State University, 06 - present
- American Society for Engineering Education (ASEE)
- Mechanical Engineering Division – (Asst Program Chair 2006-07, Secretary 2005-06, Chair, Roe Award Committee 2004-05, Member,

11. Professional Development Activities (Last Five Years):

- “Alternatives to Blaming the Students: Frameworks for Increasing Student Achievement, Retention & Equity That Can Work in any Course without Lowering Standards,” 2007 ATL Summer Teaching Institute Workshop, NC A&T State University, by Dr. Craig E. Nelson of Indiana University, Bloomington, IL May 17 – 18, 2007
- “Introduction to Blackboard,” Dr. T. Lewis, CDL, NC A&T State University May & June 2007
- “Caterpillar Six Sigma Green Belt Certification Training,” Drs. Orlando & Cheryl Sellers (Caterpillar), NC A&T State University Mar 21-23, 2007
- “Ethics Workshop,” Chancellor Lloyd V. Hackley, NC A&T State University Feb 28, 2007
- “Scholarship that Teaches about Learning,” by Dr. Richard Gale of Carnegie Foundation for the Advancement of Teaching, NC A&T State University Sept 2006
- “ASTM Officers Training Workshop,” ASTM Headquarters, West Conshohocken, PA Sept 11-12, 2006
- “CITI Course in The Protection of Human Research Subjects – Social Behavioral Research Investigators,” Online course <https://www.citiprogram.org> June 2006
- “Best Assessment Practices VIII,” Workshop at Rose-Hulman Inst. of Technology, Terre Haute, IN Feb 2006
- “New Approaches in Materials and Manufacturing Education,” by Prof. Carl Ashby, Cambridge University, Charlottesville, VA Mar 2005
- “ASME Technology Executives Conference,” training for ASME Divisional and Regional Executive Board Members, Pittsburgh, PA Feb 2005