

ABET FACULTY VITAE (2 Page)

Name: Rajaram Janardhanam

Education:

- Ph.D., Civil Engineering, Virginia Polytechnic Institute and State University, 1981
- M.S.C.E., Civil Engineering, Annamalai University, India, 1968
- B.S.C.E., Civil Engineering, Annamalai University, India, 1964

Academic Experience:

- UNC Charlotte, Civil Engineering, Professor, July 1993 – Present, Full-Time
- UNC Charlotte, Civil Engineering, Associate Professor, July 1984 – June 1993, Full-Time
- UNC Charlotte, Civil Engineering, Assistant Professor, August 1981 – June 1984, Full-Time
- UNC Charlotte, Urban and Environmental Engineering, Lecturer, August 1980 – May 1981, Full-Time

Non-Academic Experience:

None

Certifications or Professional Registrations:

None

Current Membership in Professional Organizations:

- Member ASCE
- Member ASEE
- Member Phi Kappa Phi
- Member Chi Epsilon
- Member Sigma Xi

Honors and Awards:

- Bonnie E. Cone Distinguished Professor in Teaching (Finalist), 1998 and 2003
- Tau Beta Pi- UNCC Student Chapter Outstanding Professor Award, 1998
- UNCC-ALCOA Foundation Outstanding Faculty Award (Graduate), 1998
- Tau Beta Pi - UNCC Student Chapter Outstanding Professor Award, 1994 and 1996
- UNCC - ALCOA Foundation Outstanding Faculty Award (Undergraduate), 1992
- Bank of America UNCC University Teaching Excellence Award, 1991
- Tau Beta Pi - UNCC Student Chapter Outstanding Professor Award, 1988 and 1991
- ASCE - UNCC Student Chapter Outstanding Professor Award, 1986

Service Activities (Within and Outside of the Institution):

- With NSF funding, offered a Summer Institute for “REU” (Research Experience for Undergraduate students), Summer 1987, Summer 1989, Summer 2006.
- With NSF funding, developed a scheme and introduced computer integration in Geotechnical (civil) Engineering laboratory courses through work stations for conducting experiments on-line from local and remote sites (1986 - 1988)
- With support from various public and private sectors (NSF, Z.Smith Reynolds Foundation, ASME, IBM, Verbatim, and Duke Energy) and in collaboration with faculty from several disciplinary areas of engineering launched and participated an “Engineering Outreach” program to introduce core engineering topics to regional secondary school science and mathematics teachers through specially designed lectures, tutorials and laboratory projects. (1990 - 1998)
- With support from internal (UNCC) and external (FIPSE) and in collaboration with engineering and education faculty, launched and participated in "the learning centered" course assessment project at UNC-Charlotte. (1998 - 2002)
- Chairperson: College of Engineering, Strategic Planning and Assessment Resource Team (SPART). (1994 - 2000)

Select Publications and Presentations (Last Five Years):

1. “Indo-U.S. Forensic Practices” (Edited by Chen, Janardhanam, Natarajan, and Schmidt), Proc. Of the 1st Indo-U.S. Forensic Engineering Workshop, Tiruchirappalli, India, December 2010.
2. “Static Liquefaction of Compacted Flyash” (with Ayaola), Proc. of 4th International Conference on Earthquake Geotechnical Engineering, Greece 2007.
3. “Dynamic Behavior of Sheer buildings”, Proc. of 22nd International conference on CAD/CAM & FOF, Vellore, India. July 2006
4. “Multi - Method evaluation of instruction in engineering classes” (with Gretes, Algozzine, Mohanty, et.al), Journal of Engineering Education, ASEE, June 2002.
5. “A Learning - Centered approach to coursework and teaching evaluation in engineering classes’ (with Algozzine, Mohanty et.al) Proc of International Conference on Technology and Education, Tallahassee, FL, May 2001.

Recent Professional Development Activities:

None