# SANJIV GOKHALE, PH. D., P.E., F.ASCE

Professor, Civil and Environmental Engineering
Vanderbilt University

VU Station B 351831, Nashville, TN 37235

Tel: (615)-322-5919; Fax: (615)-322-3365; E-mail: s.gokhale@vanderbilt.edu



### **EDUCATION**

Ph. D. in Civil Engineering
M. Phil. in Applied Mathematics,
M. S. in Civil Engineering,
B. S. in Civil Engineering,

Columbia University, 1991 Columbia University, 1990 Vanderbilt University, 1984 Indian Institute of Technology, 1981

### ACADEMIC APPOINTMENTS

April 2006-Present

Professor of Practice and Director of Construction Management Program, Civil and Environmental Engineering, Department of Civil and Environmental Engineering, Vanderbilt University, Nashville, Tennessee 37235.

## August 2001-April 2006

Associate Professor of Practice and Director of Construction Management Program, Civil and Environmental Engineering, Department of Civil and Environmental Engineering, Vanderbilt University, Nashville, Tennessee 37235.

# July 1999-July 2001

Associate Professor of Construction Engineering Technology, Purdue University School of Engineering and Technology, Indiana University Purdue University at Indianapolis (IUPUI).

## August 1993-June 1999

Assistant Professor of Construction Engineering Technology, Purdue University School of Engineering and Technology, Indiana University Purdue University at Indianapolis (IUPUI).

## August 1992-July 1993

Visiting Assistant Professor of Construction Engineering Technology, Purdue University School of Engineering and Technology, Indiana University Purdue University at Indianapolis (IUPUI).

# August 1989-July 1991

Carleton Fellow, Department of Civil Engineering & Engineering Mechanics, Columbia University, New York.

## PROFESSIONAL ENGINEER LICENCE

May 1991-Present
State of New York, License No. 068177

## **NON-ACADEMIC POSITIONS**

May 1987-Aug 1989

Project Engineer, Iffland, Kavanagh & Waterbury, Inc., New York, New York.

January 1984 -May 1987

Structural Engineer, Heery Engineering, Inc., Atlanta, Georgia.

### **HONORS & AWARDS**

Distinguished Professor Award, Construction Industry Institute (CII), University of Texas at Austin, 2009 Fellow, American Society of Civil Engineers, 2009

Outstanding Contributions Award, North American Society for Trenchless Technology (NASTT), 2006 Excellence in Teaching Award, School of Engineering, Vanderbilt University, 2005

Tau Beta Pi - Teacher of the Year, Vanderbilt, 2004

Outstanding Achievement Award, North American Society for Trenchless Technology (NASTT), 2004 Trustees Teaching Award, Indiana University, 2001

Person-of-the-year, Indiana Water Environment Federation, 2000

Frank Burley Award for Outstanding Service, IUPUI, 2000

Distinguished Service Award, American Institute of Steel Construction (AISC), 2000

Teaching Excellence Recognition Award (TERA), Indiana University, 1999, 98, 97

William P. Jungclaus III Memorial Award for Teaching Excellence, 1997, 96

Glenn W. Irwin, Jr. Experience Excellence Award, IUPUI, 1996

Abraham M. Max Distinguished Professor Award, IUPUI, 1995

### REPRESENTATIVE PUBLICATIONS

- 1. Hastak, M., and Gokhale, S. (2008). *Decision tool for selecting the right technology for Underground Infrastructure Management*. Journal of Underground Infrastructure Management, June 2008, pp. 36-42.
- 2. Gokhale, S., Goyani, K., et. al. (2007). *Project Manager's Decision Aid for a Radical project Cycle Reduction*. ASCE Journal of Construction Engineering and Management, No. 133, Vol. 6, pp. 437-446.
- 3. Gokhale, S. (2006). *Deployment of Fiber Optic Networks through Underground Sewers in North America*. Journal of Transportation Engineering, American Society of Civil Engineers (ASCE), August 2006, Volume 132, No. 8, pp. 672-683.
- 4. Gokhale, S., and Graham, J. (2006). *Sewer System Evaluation and Management (SSEM)*, Journal of Trenchless Technology, Official Publication of the Indian Society for Trenchless Technology, Vol. 7, No.8, April 2006, pp. 17-23.
- 5. Gokhale, S., and Cashion, G. (2005). *Alternate Contracting Strategies for Public Infrastructure Projects.* Journal of Underground Infrastructure Management, March 2005, pp. 31-39.
- 6. Najafi, M., and Gokhale, S., (2005). *Trenchless Technology: Pipeline and Utility Design, Construction, and Renewal*, McGraw-Hill, 2005, ISBN: 0071422668.
- 7. Hastak, M., and Gokhale, S. (2004). *Decision Model for Assessment of Underground Pipeline Rehabilitation Options*. Urban Water Journal, Elsevier, UK, Volume 10, Issue 1, Mar. 2004, pp. 27-37.

## OTHER RELEVANT PUBLICATIONS

- 1. Gokhale, S., "Optimizing Construction Input in Front End Planning," Research Report 241-1, Published by Construction Industry Institute, University of Texas at Austin, June 2008.
- 2. Gokhale, S., "Tradeoff Between Cost and Schedule," Research Report 214-2, Published by Construction Industry Institute, University of Texas at Austin, January 2007.
- 3. Gokhale, S., et. al., "Inspection Manual for Sewer and Water Construction," Published by Indiana Water Pollution Control Association (IWPCA), Indianapolis, Indiana, 2000.
- 4. Gokhale, S., et. al., "Model Specifications for Water and Sewer Main Construction in Indiana," Published by Consulting Engineers of Indiana and Indiana Constructors, Inc., Indianapolis, Indiana, 1999.

### OTHER PROFESSIONAL ACTIVITIES

- 1. President, Midwest Society for Trenchless Technology (<u>www.mstt.org</u>), 1998-2001.
- 2. Member, Board of the North American Society for Trenchless Technology (NASTT), 2002-05.

- 3. Reviewer for papers in Automation in Construction, Elsevier Science, 1998 present.
- 4. Reviewer for papers in ASCE Journal of Infrastructure Systems, 1999 present.
- 5. Chair, ASCE Committee on Construction Equipment and Techniques, 1997-present.
- 6. Member, ASCE Microtunneling Specifications Committee, 1998-2001.
- 7. Member, ASCE Auger Boring Specifications Committee, 2002-present.