



**Prof. K.V.L. Subramaniam**

Head of the Department  
Professor, Department of Civil Engineering

Email: kvls@iith.ac.in

Phone: +91 40 2301 6093

+91 40 2301 7114

**Education:**

Ph.D., Civil Engineering, Northwestern University, Evanston, IL, U.S.A. 1995/99

M.S., Civil Engineering, University of Toledo, Toledo, OH, U.S.A. 1993/95

B.Tech., Civil Engineering, Indian Institute of Technology, New Delhi, India 1989/93

**Work Experience:**

**Indian Institute of Technology, Hyderabad, Department of Civil Engineering**

Professor and Head (Aug 2010-present)

**Grove School of Engineering, City College/City University of New York, New York**

Assistant Professor (2000-2004)

Associate Professor with tenure (2005-2009)

Catell Fellow (2006-2010)

Director, Civil Engineering Ph.D. Program (2009-2010)

Professor (Jan. 2010 ♦ Aug. 2010)

**NSF Center for Advanced Cement Based Materials, Northwestern University**

Research Associate (1999-2000)

**Awards and Recognitions**

Fellow, American Concrete Institute (2010)

Outstanding Young Researcher Award, Grove School of Engineering, CCNY (2006)

Catell Research Fellow, Grove School of Engineering, CCNY (2006)

National Science Foundation, Early CAREER Award (2003)

ASCE Faculty Award, City College of New York, (2003)

ACI - James Instrument Award (1999) - for research in Nondestructive Testing of Concrete

Walter P. Murphy Fellowship, Northwestern University (1995-1996)

**Professional Activities, Honors and Memberships**

Engineer in Training (E.I.T.) Certification, State of Ohio

Member: American Society of Civil Engineers (ASCE), American Concrete Institute (ACI)

Chairman, Committee 215 of ACI, Fatigue of Concrete (2003-2009)

Member of ACI committee 123, Research and Current Developments (since 1999)

Voting member of Joint ACI-ASCE Committee 446, Fracture of Concrete (since 2000)

Elected member, Materials Committee, ASCE-Engineering Mechanics Division (since 1999,) Experimental Analysis and Instrumentation Committee, ASCE-EMD (since 2003)

Member ASTM Forum 0970001, Fracture Toughness of Concrete

Member RILEM Committee ATC-185 on Early Age Monitoring of Concrete

**Review Panels and Editorial Boards**

Associate Editor, Journal of Materials in Civil Engineering, ASCE

Associate Editor, Journal of Bridge Engineering, ASCE

Chairman, Engineering Panel, Professional Staff Congress (PSC)- CUNY Grants Program (2004 - 2007)

## **Publication:**

Refereed Journal Publications

Papers under review

Book Chapters

Reports

Refereed Proceedings

Conference Proceedings

Book reviews or articles that assess others' work

Invited presentations

Other articles or contributed presentations

Other Presentations and Posters

General Articles

## **Previous Funded Research Grants**

1. "Effects of Overweight Vehicles on NYSDOT's Infrastructure," (2008-2010)
2. "Investigation of the Bridges with Precast, Post-tensioned deck slab system" (2008-200)
3. "Blast Mitigation using Controlled Low-strength Cementitious Materials" (2008-2011)
4. "Damage Detection and Visualization Systems for High-Speed Transient Events" (2007-2008)
5. "Innovative Bridge Research and Construction," (2005 - 2010)
6. "Blast Mitigation using Low-Strength Porous Materials and Fiber Reinforced Polymers,"
7. "Model-Based Microstructure Evaluation of Hydrating Cementitious Materials: Development of a Test System and Experimental Investigation", (2003-2009)
8. "Ultra-sonic Technique for In-situ Monitoring of Setting, Hardening and Strength Gain of Concrete" submitted jointly with Northwestern University (2001 - 2002)
9. "Application of FRP repair technology for Repair of Transportation Infrastructure," (2001 - 2003)
10. "Acquisition of Instrumentation for Material Characterization and Damage Quantification of Materials and Systems Laboratory at the City College of New York" (2001 - 2003)
11. "Corrosion of Steel Embedded in Cracked Concrete: Experimental and Theoretical Investigation," (2001 - 2003)
12. "Maintenance and management of Transit Infrastructure," (2001 - 2002)
13. "Smart Bridges" (2001- 2002)
14. "Manual for Bridge Scour Counter Measures," (2003-2005)
15. "Concrete Bridge Deck Material Properties," (2003-2008)
16. "Instrumented Smart Bridge Bearing Systems" (2003-2004)
17. "Nondestructive Evaluation of Early Age Concrete," (2002-2003)