

Bios of 2011 ATPIO Board of Directors Nominations
(Listed in Random Order)

Dr. Ram Pendyala

Ram M. Pendyala is a professor of transportation systems in the School of Sustainable Engineering and the Built Environment at Arizona State University in Tempe. Prior to joining Arizona State University in 2006, he served on the faculty of the University of South Florida in Tampa for 12 years. Ram is an expert in multimodal transportation systems planning and focuses on the development of new methods for modeling and forecasting activity-travel demand. His papers on activity-based analysis of travel behavior have appeared in leading journals of the field. He is past president of ATPIO and has been working over the past several years to establish collaborative Indo-US ventures in the area of transportation with institutes and researchers in India. He is also the Section Chair on Travel Analysis Methods for the Transportation Research Board and Chair of the International Association for Travel Behaviour Research. He is a member of ASCE and ITE. Ram has his undergraduate degree from Indian Institute of Technology-Madras and graduate degrees from the University of California at Davis.

Dr. Murthy V.A. Bondada, P.E.

Dr. Bondada has been living in the US for the last 42 years. He has 39 years of full-time consulting experience in the United States in Transportation Planning, Traffic Engineering, and Public Transportation in addition to teaching for eight years in India. He was adjunct professor at Pennsylvania State, West Virginia, and Florida Metropolitan Universities.

He was involved in developing comprehensive multi-modal long-range transportation plans for several cities in the US including Detroit, Miami, Tampa, and Jacksonville and updating them at 5-year intervals. He was involved in over 50 feasibility studies for Automated People Movers, Inter-city high speed and maglev systems, and major highway and transit improvements. He was involved in the three downtown people movers (Detroit, Miami, and Jacksonville) and several commuter rail and rapid rail systems that are presently operating in the US. Dr. Bondada has been actively involved with the American Society of Civil Engineers (ASCE) for the last 38 years. He served as chair for ASCE's four national committees (automated people movers, urban transportation division, high speed ground transportation systems, and urban transport). He organized several international conferences for the ASCE and was editor or co-editor for six conference proceedings. He was recipient of ASCE's Frank Master Transportation Engineering Award and Engineer of the Year awards from the American Society of Engineers of Indian Origin (ASEI) and the Telugu Association of North America (TANA).

During 1999-2003, the Governor of the State of Florida appointed him as a member to the 9-member Florida State Board of Professional Engineers. Since 2003, Dr. Bondada has been spending 6 months every year in giving seminars, teaching urban transportation, and presenting papers at various transportation-related conferences in India. During 2007-2008, he was US Fulbright Senior Research Scholar in Transportation Engineering Division of the Department of Civil Engineering at IIT Madras. Recently, he was Visiting Professor in Traffic and Transportation Engineering at GVP College of Engineering (autonomous) in Visakhapatnam, India. Dr. Bondada received B.E. (Civil) from Andhra University and Master in City Planning (MCP) from IIT Kharagpur in India and Master and Ph.D. degrees in Civil Engineering with specialization in Transportation Engineering from the University of Pennsylvania and West

Virginia University in the USA. He is a Life Fellow of the ASCE and the Institute of Transportation Engineers.

Arun M. Shirolé, P.E.

Arun Shirole has over 40 years of experience and is internationally well known for his engineering and management expertise in the areas of bridges and highways. Recently he served as Senior Vice President of Arora and Associates, P.C., a highway and bridge design consulting firm.

He previously served as Executive Director of the National Steel Bridge Alliance, a semi-autonomous division of the American Institute of Steel Construction and is now its *Executive Director-Emeritus*. Prior to assuming that position, he was the *Director of Structures Design and Construction Division and Deputy Chief Engineer for the New York State Department of Transportation (NYSDOT)*. In that capacity, he oversaw a network of about 20,000 bridges in New York State, including world-class structures such as the Brooklyn Bridge in New York City and directed NYSDOT's 5-year, \$500+ million annual capital and operational programs for bridges and structures.

He received a Bachelor of Technology (Honors) – Civil Engineering degree from the Indian Institute of Technology, Bombay, India; a Master of Science degree in Civil Engineering from the South Dakota School of Mines and Technology and a Master of Business Administration from the University of Minnesota. Mr. Shirolé was also a Transportation Fellow at the Harvard University. He has authored/coauthored more than forty papers in national and international publications. He has been a *Member of AASHTO Subcommittee on Bridges and Structures and Chairman of AASHTO Technical Committee T-11 on Research*. Mr. Shirole' has also served as a member of the Board of Directors of the American Segmental Bridge Institute (ASBI).

Mr. Shirole' chaired the Transportation Research Board (TRB) Committee on Construction Management (1992-1998) and also the TRB Committee on Bridge Management (2001-2005). He served as an advisor for the Strategic Highway Research Program (SHRP) since its inception (1985-1993), and as Chairman of its Expert Panel on Structures Research. In 1994, Mr. Shirolé received the *Engineer of the Year* award from the American Society of Engineers of Indian Origin (ASEI). In 1995, Mr. Shirole' received American Public Works Association's prestigious award, *Top Ten Public Works Leader in North America*. He has served as the Chairman of the Coordinating Group for FHWA's Highway Seismic Research Council (1997-2001) and also of FHWA's Research Council on Curved Girder Bridges (1993-95). As a member of the NCHRP Project #12-33 expert panel, he was actively involved in directing and overseeing the development of AASHTO Load and Resistance Factor Design (LRFD) Specifications for Bridges (1990-93).

He served as a *member of the Independent Review Committee (IRC), on the Woodrow Wilson Bridge Project in Washington, D.C. and was recognized with an award certificate by the National Partnership for Highway Quality (NPHQ)*. At the 2004 IABMAS International Conference in Kyoto, Japan, he was recognized with an award for his outstanding contributions to bridge engineering and management. *Recently, he lead the independent value engineering review team for the Rhode Island DOT's 3,000 ft. long Sakonnet River Bridge Project with an estimated cost of \$200+ million*. Mr. Shirole' chaired the expert panels for NCHRP Project #12-43 on *Bridge Life Cycle Cost Analysis* and Projects #24-07(1 and 2) on *Countermeasures to Protect Bridge Piers from Scour*. He currently serves as a member of the Minnesota State Design Build Selection Council. Mr. Shirole' is *elected Emeritus Member of TRB Committee on*

“General Structures” and as well as of the TRB Committee on “Bridge Management” and is an elected Fellow of the Institute of Engineers. He is a registered professional engineer in the states of New York and Minnesota. He can be reached at 763-269-5831.or at arun_shirole@yahoo.com.

Abha Negi

*A specialist in **Corporate Communications**, Abha has a record of success in **fast paced** companies across **multilocation, multistate and global environments**. Years of **progressively responsible experience** has enabled her to hone this function into a **force multiplier** to deliver effective, actionable and culturally appropriate global communication solutions.*

Abha Negi is Senior General Manager of Corporate Communications with national oversight for Jindal SAW Ltd. Alongside she is also heading Svayam, an initiative of Sminu Jindal Charitable Trust, which is working towards providing dignity and independence to people with reduced mobility. She is also serving as Director on Board of Directors of Association for Rehabilitation Under National Trust Initiative of Marketing (ARUNIM) a government of India initiative to find marketing opportunities for products made by severely challenged young adults.

As Country Head of Corporate Communications with Jindal SAW Ltd. Abha handles country-wide responsibility for all internal and external communications including research, strategic marketing, advertising, media relations, CSR and brand building.

A Punjab University alumna Abha completed her Masters degree in Sociology. Previously she was Director Public Relations for InterContinental, Parkroyal and Le Meridien. Articulate and gracious, her creative responses saw expression in active participation in extracurricular activities and contribution in the form of articles to various leading dailies.

Abha's accomplishments includes, managing the task force of the organization and playing an instrumental role in raising the brand image and visibility for the company. Along with the corporate side, Abha has also played a significant role in the operations of Svayam. She is heading a team of experts in their drive to make public infrastructure accessible to people with reduced mobility.

Dr. Ashish Verma

Ashish Verma is a Ph.D. from IIT Bombay and currently serving as Asst. Prof. of Transportation Engg. at Dept. of Civil Engg. and Centre for infrastructure, Sustainable Transportation, and Urban Planning (CiSTUP) at Indian Institute of Science (IISc), Bangalore, India. Before joining IISc, he has served in IIT Guwahati, and Mumbai Metropolitan Region Development Authority (MMRDA). He has authored 48 research publications and 2 books. He is a member of the editorial board of JUPD, ASCE and guest editor of special issue “Challenges in Transportation Planning for Asian Cities”, of the same journal, published in March 2010. He is currently guest editing two more special issues focused on developing countries and India for the journals “Current Science” of Indian Academy of Sciences and “Research in Transportation Economics” of Elsevier. He is the founding President of the recently founded Transportation Research Group of India (TRG), which has the mission to aid India's overall growth through focused transportation research, education, and policies in the country. More details about him can be seen on his home-page <http://civil.iisc.ernet.in/~ashishv/> .

Sudeshna Sen, Ph.D.

Sudeshna Sen is a Senior Manager of Statistical Analysis at PTV NuStats, with over nine years of experience in transportation research. She has been with PTV NuStats for the past four years, where she provides direction on statistical analysis, and serves as the Manager for transportation analysis projects. She has experience analyzing large databases using multivariate statistical techniques and specializes in econometric modeling and travel behavior research. Dr. Sen has served as the Board member for ATPIO for the past five years and presently holds the Secretary position. She received her Ph.D. in Civil Engineering from the University of Texas at Austin. She holds a Master's degree from the University of Illinois at Chicago and a Bachelor's degree from the Indian Institute of Technology, Kharagpur.

Anuj Sharma, Ph.D.

Anuj Sharma is an Assistant Professor at University of Nebraska, Lincoln. He has been involved as a member and then as a board member of ATPIO since its inception. He was the lead on the ATPIO strategic plan subcommittee and co-lead on membership and finance committee. Over years Anuj has held offices of student board member and treasurer. He is dedicated to make ATPIO a driving force to promote the growth of transportation infrastructure in India and USA. His expertise is in the areas of traffic flow theory, traffic signal systems & optimization, and intelligent transportation systems (ITS). Anuj holds his masters degree from Texas A&M University and Ph.D. degree from Purdue University.

Hardik Shah, PE

Hardik Shah is a Transportation Engineer at American Structurepoint Inc. a leading engineering design firm in Indianapolis, Indiana. He has over seven years of combined professional and research oriented experience in the transportation industry. His expertise is mainly focused on transportation and infrastructure planning studies, area-wide traffic and transportation modeling and systems analysis and design and development of roadway plans for state and local agencies. Hardik is affiliated with several professional organizations such as TRB, ITE, ASCE, and ATPIO. He has been actively involved with ATPIO since 2004 and has served as an officer on the ATPIO board for past few years. His passion and dedication for ATPIO can be seen from his persistent efforts to obtain the 501(c)6 non-profit status for the organization from IRS in 2010. Hardik has been a recipient of the 2010 ITE International Young Professional Scholarship Award at the ITE Annual Meeting in Vancouver, Canada. Hardik also joined as a delegate on the AASHTO Transportation Systems Delegation to India in November 2009. Hardik holds two masters degree from Purdue University with specialization in Transportation Infrastructure Systems and Construction Materials.

Shashi Nambisan, PhD, PE

Shashi Nambisan is Director of the Institute for Transportation and Professor of Civil Engineering at Iowa State University, Ames, Iowa. He enjoys working with students. He has taught undergraduate and graduate courses in the area of Transportation systems. Dr. Nambisan has led efforts on over 150 research projects. He has been active in leadership roles of several professional societies. Among the awards and honors Shashi has received is a proclamation by the Governor of Nevada designating January 31, 2007 as the "*Professor Shashi Nambisan Day*" in recognition of his leadership role in and contributions to enhancing transportation safety.

Ramkumar (Ram) Venkatanarayana, Ph.D.

Ramkumar Venkatanarayana is a Research Scientist with the Smart Travel Lab, at the University of Virginia. He is a Eno Fellow, recipient of the 'Outstanding Student of the Year 2001 Award' for the George Mason Consortium University Transportation Center, and recipient of the '2006 Robinson Award' from the Smart Travel Lab. Dr.Venkatanarayana has earned a Bachelor of Technology in Civil Engineering from Indian Institute of Technology Madras, Chennai, and a MS and PhD in Civil and Environmental Engineering from University of Virginia. He has two years experience with the operations and management of crude oil transportation using pipelines. His interests include Intelligent Transportation Systems, Performance Measurement, Safety, Security, and Workforce development.

Piyushimita Thakuriah, Ph.D.

Piyushimita Thakuriah (Vonu) is an Associate Professor in the Department of Urban Planning and Policy in the University of Illinois at Chicago. Her interests are on the socio-economic aspects of transportation systems (including concerns of labor markets and the economy, vulnerable populations, consumer expenditures,) and advanced technologies in transportation (Intelligent Transportation Systems, Location-Based Services, Spatial Decision Support Systems) that address these concerns. She is currently the Editor-in-Chief of the Journal of Urban and Regional Information Systems (URISA Journal), General Chair of the 19th International Conference on Advances in Geographic Information Systems section on Computational Transportation Science, and member of the ITS World Congress Program Committee. Dr. Thakuriah's research has been supported by US DOT, US Department of Labor, National Science Foundation and a number of other sources. She has consulted on or otherwise collaborated on transportation projects in Malaysia, China, India, Australia, Colombia and the Dominican Republic.

Bhuvan Eshwar

Bhuvan Eshwar has a Bachelor's degree in Civil Engineering from University of Mysore. He also holds Master's degrees in Engineering from WVU/MSU. He is actively involved with TRB's technical paper review. His professional profile include: Assistant Project Manager of the Maryland Transportation Authority's *I-95 Express Toll Lanes Project* and high priority *System Preservation Program*, which consists of structural preservation of the MDTA's signature bridges and tunnels. Bhuvan has extensive working knowledge of Public-Private Partnerships (PPP) in transportation projects, a valuable infrastructure development model for both developed and developing countries. He has presented several lectures on 'Transportation Engineering as a Potential Career'. Bhuvan has experience of managing (as a deputy) capital programs and preservation projects of over \$600 millions. His area of interest also involves mentoring young engineers, knowledge sharing on PPP type projects, outsourcing opportunities and organizational governance.

Abhishek Bhargava, Ph.D.

Abhishek is currently employed as a consultant with AgileAssets, a provider of enterprise asset management and maintenance software solutions. Abhishek joined AgileAssets in June of 2009, as an Associate Consultant and was promoted to the Consultant position in three months. He has

received exceptional performance ratings from clients and peers during his employment with AgileAssets.

Before joining AgileAssets, Abhishek was employed as a Research Assistant at Purdue University from 2004-2009. During the five years at Purdue, Abhishek acquired a Ph.D in Civil Engineering, a M.S in Civil Engineering, and a Diploma in Applied Statistics. Abhishek was awarded a full scholarship for completing his education at Purdue, after he had completed a 4-years bachelors program from Indian Institute of Technology (IIT) – Bombay in 2004.

Abhishek’s career has been punctuated with several awards and scholarships, prominent ones being: Outstanding Graduate Student award by the Department of Civil Engineering at Purdue; Executive Leadership Fellowship by International Road Federation (IRF); Scholarship by Institute of Transportation Engineers (ITE) for academic excellence, co-curricular activities and leadership record; Best thesis award and Institute Academic Scholarship by IIT Bombay.

Abhishek has been involved with several organizations in prominent leadership positions in the past. The offices he has held include: President, Purdue Chapter of the Institute of Transportation Engineers (ITE); President & Vice-President, Indian Graduate Students Association at Purdue; and, President, IRF Class of Fellows – 2008. He is also a young member of two TRB research committees, namely HOV and Managed Lanes Committee and Statistical Methodology & Statistical Computer Software in Transportation Research Committee.

Harshad Desai, PE

Harshad Desai has more than forty years of engineering and managerial experience in transportation planning, design, and construction. Thirty-three years in transportation planning and seven years in highway design with managerial responsibilities supervising professional staff. He has worked as a professional engineer with Florida Department of Transportation for more than 15 years and as Transportation Specialist for Federal Highway Administration for more than six years. He has a MS in public administration degree from Florida State University, MS in civil engineering from Brigham Young University and BS in civil engineering from Maharaja Sayajirao University in Baroda, India.