



Rumpa DEY

Home Country
Bangladesh

Degree
PhD in Civil Engineering

Expertise
Traffic Engineering, Transportation
Planning and Roadway Design

Research Focus
Transportation Engineering

Host University
Arizona State University,
United States

Fellowship Awarded
2012

Rumpa Dey was born and brought up in Khulna, Bangladesh. She received a Bangladesh Education Board Merit Scholarship for her Higher Secondary School Certificate examination results, which were the ninth highest of 11,000 students.

Rumpa gained a BSc in Civil Engineering from the Bangladesh University of Engineering and Technology (BUET). Her undergraduate studies were supported by scholarships awarded for three academic years by the Bangladesh scholarship council sponsored by the Nippon Foundation, Japan. After graduating in 2008, she joined an international company as a Design Engineer, supporting its Bangladesh operations. She then started her academic career as a lecturer in the Faculty of Engineering at the American International University-Bangladesh (AIUB), located in the capital city of Dhaka.

Rumpa began her studies at Arizona State University (ASU) in 2011, from where she was awarded a Master of Science in Civil Engineering for studies focused on transportation systems engineering. She has published in one journal, three conference proceedings and two thesis publications, and has attended several international conferences in her field. She is an officer of the ASU student chapter of the Institute of Transportation Engineers and an active member of the American Society of Civil Engineers.

In her PhD research, Rumpa is focusing on transportation operation and planning. She wants to contribute to enhancing traffic management and sustainable transportation infrastructure in developing countries such as Bangladesh that suffer from severe congestion problems and road traffic accidents, and are expected to invest heavily in the transport sector.

After completing her post-doctoral studies, Rumpa plans to return to lecturing and research at AIUB. Rumpa credits her husband as a significant contributor to her success.