Priya began her Master of Science studies in Structural Engineering at Texas A&M University in the Fall of 2004. Priya’s interests included the use of by-product materials in concrete mixtures for structural applications. TxDOT project 0-5134, Self-Consolidating Concrete for Precast Structural Applications, provided Priya with a unique opportunity to use her background with cementitious materials on a current research project. The project consists of investigating the fresh and hardened characteristics of Self-Consolidating Concrete (SCC) for precast, prestressed concrete applications.

The research at Texas A&M University pertains specifically to evaluating the long-term hardened characteristics of SCC. Priya is tasked with investigating the hardened mechanical properties including compressive strength, modulus of elasticity, splitting tensile strength, modulus of rupture, creep and shrinkage, along with other parameters critical for the design and serviceability of precast, prestressed members utilizing SCC.

Questions regarding the project can be directed to Dr. David Trejo (trejo@civil.tamu.edu) or Dr. Mary Beth Hueste (mhueste@tamu.edu).