

**Debjyoti Banerjee**

**Assistant Professor of Mechanical Engineering, Texas A&M University**

Debjyoti Banerjee received his Ph.D. in 1999 from the University of California, Los Angeles. He received 3 patents (4 patents pending) from his prior work at Applied Biosystems (Life Technologies), NanoInk, CIPHERGEN Biosystems, Coventor and Tata (India). He joined the Mechanical Engineering Department at Texas A&M University as an assistant professor in 2005. His research interests are in thermal-fluids sciences with emphasis on multiphase flows (boiling, condensation), MEMS, micro/nanofluidics, bio-nanotechnology (Dip-Pen Nanolithography, explosives sensing using nanocalorimetry) and renewable energy (solar thermal energy storage). At Texas A&M his sponsored research projects (with academic and industrial collaborators) exceeds \$17 million. Dr. Banerjee received TEES Select Young Faculty award in 2009, and was selected as ASEE Summer Faculty Fellow at AFRL (2006, 2007) and SPAWAR (2009).