

PRESENTED BY:
CENTER FOR THE ENVIRONMENT
WATER SUPPLY IN DEVELOPING COUNTRIES
EEE GRADUATE STUDENT ORGANIZATION

ZIMBA: APPLIED ENGINEERING FOR INTERNATIONAL DEVELOPMENT



SUPRIO DAS
INVENTOR OF ZIMBA

APRIL 24TH, 2018

3:30 PM - 4:30 PM

ARMS 1103

LIGHT REFRESHMENTS WILL BE SERVED

The World Health Organization estimates nearly 30% of the world's population still lives without access to a safely-managed drinking water source. Zimba, an international and multidisciplinary group founded and led by Suprio Das, set out to change that. In a project that has spanned years and continents, Das and his team developed the Zimba auto-chlorinator, a gravity-powered, easy-to-use device for adding life-saving chlorine to drinking water. Since its introduction in Jersey City, New Jersey in 1908, chlorinated drinking water has played a crucial role in extended life expectancies and improved quality of life throughout the US and across the globe. As the only community-scale, electricity-free, low-maintenance auto-chlorination system on the market today, the Zimba system represents a unique opportunity to expand access to chlorinated water across the globe. In this talk, innovator and engineer Suprio Das will describe his path with Zimba, a path that has led him from the MIT D-lab to Rohingya refugee camps. An electrical engineer by training, Das left the field to pursue humanitarian work in his home country of India, and he currently leads a team manufacturing and distributing the Zimba auto-chlorinator to aid groups globally.