

## **Brief Bio – Rangan Banerjee**

Rangan Banerjee is the Forbes Marshall Chair Professor and Head of the Department of Energy Science and Engineering at IIT Bombay – a Department that he helped start in 2007. His areas of interest include energy management, modelling of energy systems, energy planning and policy, hydrogen energy and fuel cells.

He is on the editorial board of Energy for Sustainable Development, International Journal of Sustainable Energy, International Journal of Sustainable Engineering and International Journal of Thermodynamics and Frontiers in Energy Research. He has been involved in setting up a Megawattscale Solar Thermal Power Testing, Simulation, Research Facility sponsored by the Ministry of New and Renewable Energy. He was the faculty advisor to Team Shunya the first Indian Student team selected for the finals of the Solar Decathlon 2014 held in Europe that involves designing and constructing a fully functional Solar house.

He is a member of the TIFAC Technology Vision 2035 - Apex Committee and Chairman of the Energy Technology Theme. He was a Convening Lead Analyst for Industrial End Use Efficiency and a member of the executive committee for the Global Energy Assessment (2008-2011) coordinated by the International Institute for Applied Systems Analysis. He was a member of the Working Group on New and Renewable Energy for the Eleventh and Twelfth Five Year Plans and a member of the Planning Commission's Integrated Energy Policy. He was a Member of International committee to review UK's Energy Research Programme in 2010 (RCUK Review of Energy).

He has co-authored a book on Planning for Demand Side Management in the Power sector, a book on Energy Cost in the Chemical Industry and a book on Engineering Education in India. He has conducted two international training programmes on solar energy and several National programmes on renewable energy and Energy Management. He is also an Adjunct faculty (Honorary) in the Department of Engineering & Public Policy, Carnegie Mellon University. He has been the Dean(R&D) of IIT Bombay. He has received the Excellence in Teaching Award from IIT Bombay and is a Fellow of the Indian National Academy of Engineering.