

## **Debasish Biswas**

Graduated from Indian Institute of Technology, Delhi, India and received his Doctor degree from Tokyo Institute of Technology, Japan in 1987. Joined Toshiba Research and Development Center, Japan in 1987 and involved in the research and development of heavy electrical appliances, namely, Turbine, combustor, high voltage Gas circuit breaker, transformer etc. Field of research is physics-based modelling of turbulence phenomena, unsteady flow separation mechanism, flow with multi-physics namely, condensation phenomena, reaction mechanism (combustion, plasma), flow induced vibration, aero-acoustic phenomena, etc. All the above mentioned physical phenomena is strongly associated with flow mixing behavior and hence turbulence characteristics. Awarded as Associate Fellow of AIAA (American Institute of Aeronautics and Astronautics) in 2007, also received awards from Gas Turbine Society of Japan, Japan Society of Mechanical Engineers, etc. Presently working as Chief Research Scientist in Mechanical Systems Laboratory of Toshiba Research and Development Center.