

## **Dr. Mohammad Ferdows**

Dr. Mohammad Ferdows is a Professor of Applied Mathematics and Group leader of Research Group of Fluid Flow Modeling and Simulation at the Department of Applied Mathematics, University of Dhaka, Bangladesh. His research includes convective boundary layer flow, as well as Biological fluid: Bio-Magnetic Fluid, Bio-convection, Microorganism.

He did his PhD in thermal Engineering from Tokyo Metropolitan University and undertook postdoctoral work at Toyota Technological Institute, Japan Atomic Energy Agency, Nuclear research institute, National Cheng Kung University. Also, worked as a Researcher at Tokyo Metropolitan University, University Sains Malaysia, Shizuoka University and Osaka University, Japan. He worked at King Abdulaziz University as a Professor and also at King Abdullah University of Science and Technology, Technological Educational Institute of Western Greece and Louisiana Tech University, as a Visiting Professor.

He is now world top 2% researcher's list. He received prestigious National Science Fellowship (NSF, USA), Japan's Ministry of Education, Culture, Sports, Science and Technology Scholarship, Bangladesh Academy of Science award, Best Research awards from University of Dhaka, Most prestigious Ibrahim Gold medal award for best researchers in Science and Engineering section at the University of Dhaka, Dean's Award from the Faculty of Science at the University of Dhaka for excellent contribution in the field of scientific research work.

He has published over 300 Research papers in Journal and conference. He is serving as a referee in more than 92 journals from USA, UK and others. He is a member of American Mathematical society, life member of Bangladesh Mathematical society and Bangladesh Mechanical Engineering society.