

Dr. Mohammad Ferdows

Dr. Mohammad Ferdows is a Professor of Applied Mathematics and Group leader of Research Group of Fluid Flow Modeling and Simulation in the Department of Applied Mathematics at the University of Dhaka, Bangladesh. He obtained his Ph.D. in Fluid and thermal Engineering from Tokyo Metropolitan University, Japan. Following his Ph.D. studies, he joined Toyota Technological Institute as a postdoctoral Research fellow.

His research includes convective boundary layer flow, as well as Biological fluid: Bio-Magnetic Fluid, Bio-convection, Microorganism. Also, Bio-Engineering Framework: Vascular Coronary Artery and Flow Abnormality, Stenoses Artery due to Plaques, Medical Imaging (CTA), Visualization of Hemodynamic Parameters. He undertook postdoctoral work at Japan Atomic Energy Agency, Nuclear Research Institute, National Cheng Kung University. Also, he worked as a Researcher at Tokyo Metropolitan University, University Sains Malaysia, Shizuoka University and Osaka University. 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, USA as a Visiting Professor.

In recognition of his research excellence, he received the prestigious, National Science Foundation Fellowship (NSF, USA), Japan's Ministry of Education, Culture, Sports, Science and Technology Scholarship, Bangladesh Academy of Science Award, Dean's Award from the Faculty of Science at the University of Dhaka. He has published so far 290 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.