

Dr. Debabrata Datta, is presently working in Bhabha Atomic Research Centre (BARC), Mumbai in the capacity of Scientific officer(H+) and Head, Radiological Physics & Advisory Division of Health, Safety & Environment Group. His academic excellences are: M.Sc in Nuclear Physics from the Kolkata University, Master of Philosophy(M. Phil) in High Energy Nuclear Physics from SAHA Institute of Nuclear Physics (SINP), Kolkata, graduated in the field of Nuclear Engineering from OCES, Training School of BARC in 1984-85 and Doctor of Philosophy (PhD) in Computer Science from Mumbai University in 2000. His proficiency is on software development using soft computing technique. He has developed a large number of software in the field of radiation protection, safety and uncertainty modeling. Three of his developed software had exported to Turkish Atomic Energy on their request. He has contributed in the field of uncertainty modeling of system. He is well recognized internationally for his enormous diverse contribution in statistical analysis of environmental data, fuzzy mathematics, evidence theory, artificial neural network, wavelets and wavelet neural network. He is the recipient of Eminent Scientist Award, "Millenium Plaques of Honour" from Indian Science Congress Association, in 2010. He has also received Meritorious awards from National Society of Radiation Physics (NSRP), Association of Medical Physicist's of India (AMPI). He has been honoured as Professor in Physical & Mathematical Sciences in Homi Bhabha National Institute (deemed university of Department of Atomic Energy). He has more than 120 publications in peer reviewed international journals, book chapters, international and national conferences to his credit. He is the author of more than twenty application software and some of them are well validated and acceptable by palisade corp. USA. He is a recognized PhD guide in Engineering and Sciences disciplines. His research interests are mathematical modeling, statistical analysis of big data, data mining, optimization using evolutionary algorithm, artificial intelligence, bioinformatics, medical informatics, sensitivity and uncertainty modeling of an engineering system. He is the reviewer and editorial board member of many international and National Journals. He is the Life member of many International and National Scientific Organizations.