

About the Author

I, Pabitra Halder, was born on 9th January, 1977 in Bongaon, in the Eastern part of India. After completion the high school education I did my Bachelor of Engineering in Mechanical Engineering from Jalpaiguri Government Engineering College in the year 1998. After getting some industrial exposure in the field of hydraulic machines (vertical turbine, submergible pumps) and the fluid flow instruments (different flow level indicators, valves) I decided to do further educations. I completed Master of Engineering in the field of Mechanics of Fluids from Bengal Engineering College (D.U.) in the year 2003. In my Master project I first experienced the flavour of CFD. I developed incompressible NS solver in Cartesian and Cylindrical coordinate systems on structured mesh. In the same year I joined Indian Institute of Technology, Kharagpur as PhD scholar. I got the opportunity to do research in the other side of CFD- compressible flows. Up to 2006 I worked as a regular research Scholar and then I joined in a Mechanical Engineering research institute, CMERI (under Council of Scientific and Industrial Research (CSIR), Government of India) and am presently working there. I initially involved in a different project related to micro injection molding. I got some experience in the field of non-Newtonian fluid flow simulations and microfluidics. Parally I continued my PhD research over high-speed compressible flows as well. Finally for the last two years I have been fully involved in my PhD work and able to give the research work into present shape. My current research interest lies in the field of Computational Fluid Dynamics. List of papers that are published/ communicated is given below:

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