

## **CURRICULUM VITAE**

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Mr. D. N. Basu graduated with First class Honours from the Department of Power Plant Engineering of Jadavpur University, Kolkata in the year 2002. Subsequently he completed Masters' degree in Mechanical Engineering from the same University in the year 2004 and was placed in First class. His Masters' thesis was related to CFD modelling of diffusion flame through two-step combustion of methane in air. He worked as a Senior Research Fellow (SRF) in the Department of Mechanical Engineering at Indian Institute of Technology Kharagpur, during the period July 2004 to April 2008. Presently he is working as an Assistant Professor in the Department of Mechanical Engineering in Bengal Engineering & Science University Shibpur, Howrah. He has guided 2 post-graduate and 4 under-graduate theses so far. His research interests are in the fields of computational modelling of multiphase flow, nuclear thermal-hydraulics and air-conditioning in conjunction with alternative energy resources. He has 4 international journal and 9 conference publications to his credit till date.