

# Arnab Datta

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Arnab completed his Ph.D. from Department of Electrical Engineering, IIT – Mumbai, 2010. His Doctoral research is on reliability characterization and T-CAD modeling of dual-bit SONOS NOR flash EEPROM devices. Prior to that, he pursued his M.Tech. (Radio Physics and Electronics) and M.Sc. (Electronic Science) in 2004 and 2002 respectively from University of Calcutta, India.

He worked as visiting researcher in DIEGM, University of Udine, Italy from 2009 – 2010, and Department of Nanobio Materials and Electronics, Gwangju Institute of Science and Technology, South Korea till mid of 2011.

He worked recently with Department of Electronics, Vidyasagar University, West Bengal, and Department of Electrical Engineering (COE – ICT), IIT - Jodhpur as Assistant Professor. He has joined IIT – Roorkee in December 2012 with Microelectronics and VLSI group, Electronics and Computer Engineering Department.

His research interests include Electrical Characterization and Modeling of Semiconductor Devices, MEMS, and Photonics. He is a reviewer of IEEE – Transactions on Nanotechnology, IEEE – Transactions on Electron Devices, IEEE – Electron Device Letters, IEEE – Transactions on Device and Materials Reliability, and research funding proposals of SERB-DST, India.

He is recipient of National Scholarships, University gold medal in M.Sc., UGC – NET Junior Research Fellowship, MHRD Fellowship, Young Indian Researcher Fellowship awarded by the Govt. of Italy, Post-Doctoral Fellowship awarded by the Ministry of Education, Science and Technology (MEST), Republic of Korea through GIST, WCU, and has been elected as Host Scientist under C.V. Raman International Fellowship for African Researchers Program, DST and FICCI, India, 2012 – 13.

He is a DAAD – Fellow, 2014.