

Debabrata Barman

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Educational Qualifications

Course	Discipline	School/University	Broad/College	Year
M.Tech	Electrical Engineering (Machine Drives And Power Electronics)	Indian Institute Of Technology, Kharagpur	Indian Institute Of Technology, Kharagpur	2013
B.Tech	Electrical Engineering	Haldia Institute Of Technology, Haldia	WBUT	2011

Working Experience

1st July, 2013 –Till date: Assistant Professor, Department of Electrical Engineering, Haldia Institute of Technology, Haldia, West Bengal, 721657

Software Skills

- MATLAB
- PSPICE
- DSAPCE 1104
- XILINX

Short Term Course Attended

- **Indian School of Mines, Dhanbad** , “Application of Power Electronics in Renewable Energy, 7th July to 11th July 2014”
- **National Institute of Technical Teachers Training and Research, Kolkata**, “Research Methodology in Technical Education , 3rd July 2017 to 7th July 2017”

Professional Membership

IEEE member (Membership no.94216571)

Academic Projects

- Stepper Motor Control Using Microcontroller Based Driver Circuit (**B.TECH**)
- Real Time Emulator of Horizontal Axis Wind Turbine by an Indirect Field Oriented Control of Squirrel Cage Induction Motor. And Closed Loop Control Of Separately Excited DC Machine By Two Quadrant Chopper. (**M.TECH**)

Academic Awards

- MHRD Scholarship during Master’s program at Electrical Department ,IIT kharagpur (2011-2013)

Professionals Activity

- IEEE HIT STUDENT BRANCH COUNSELOR FROM FEB 2017 TO TILL DATE

Publications

Paper Published in National/International Conference Proceedings

- **D. Barman**, S. Sarkar, G. Das, S. Das, P. Purkait “DFA and DWT Based Severity Detection and Discrimination of Induction Motor Stator Winding Short Circuit Fault from Incipient Insulation Failure” in Proc. IEEE International Conference on Electrical, Electronics, Signals, Communication & Optimization(EESCO),Vizag, Andhra Pradesh,India, Issue -3, Paper No. 17, pp. 1090-1095,24th – 25th Jan2015