

Mrs. Ritika Asati

Assistant Professor

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Educational Qualifications

- 1) **M.E, Gold Medalist** (Power Electronics) from Rajiv Gandhi Proudhyogiki Vishwavidyalaya, Bhopal Lakshmi Narain College of Technology, Bhopal(M.P) in the year 2009
- 2) **BE** (Electrical Engineering) from Rajiv Gandhi Proudhyogiki Vishwavidyalaya, Bhopal Indira Gandhi Govt.Engg. College, Sagar(M.P) in the year 2007

Academic Experience:

Period	Position Held	Organization	Years
08/08/11 to 01/03/14	Assistant Professor	Bharati Vidyapeeth University, College of Engineering ,Pune	02 years & 7 months
04/05/10 to 04/05/11	Lecturer	B.T.I.R.T, Sagar	01 year
16/07/08 to 29/04/10	Lecturer	S.I.R.T, Bhopal	01 year& 10 months

Area of Interest:

- 1) Power Electronics.
- 2) Z-Source Inverter
- 3) Inverters for Electrical vehicles.

Achievements:

- 1) ME Gold Medallist from. Rajiv Gandhi Proudhyogiki Vishwavidyalaya, Bhopal for the year 2009.
- 2) Member of Board of Studies in Electrical Engineering, Bharati Vidyapeeth university college of Engineering from 25/04/12 to 27/04/14

Publications:

- 1) Paper presented on "Performance Analysis of Z-source inverter" in International conference on Electrical Power & Energy Systems (26-28 August 2010) at M.A.N.I.T Bhopal.
- 2) Paper presented on "Z-Source inverter fed induction motor" in National conference on Emerging trends in Power & Energy Systems (26-28 Feb 2009) at Oriental Institute of Science & Technology, Bhopal
- 3) Paper presented on "Fuel cell operated Z-source inverter fed induction motor" in Technosaga (25-26 September 2009) at Sagar Institute of Research & Technology, Bhopal
- 4) Paper presented on "Comparison of different inverter technology" in ATHENA (24-25 Apr 2009) at Sagar Institute of Research & Technology, Bhopal.

Seminar/Workshop attended:

- 1) Six days Training program on MATLAB for faculty at Sagar Institute of Research & Technology, Bhopal
- 2) Five days AICTE approved staff development program on Analysis of the Electrical Engg. Problem using MATLAB at Sagar Institute of Research & Technology, Bhopal.
- 3) Workshop on MATLAB Simulink tool box at Sagar Institute of Research & Technology, Bhopal.

Professional Membership:

Life MEMBER OF THE INDIAN SCIENCE CONGRESS ASSOCIATION (ISCA)

Extra Curricular Activities:

- 1) Visharad (six year diploma) in classical music, from INDIRA KALA SANGEET UNIVERSITY Kairagarh (C.G)
- 2) Two years diploma in drawing from MAHARASHTRA DNYANPEETH MUMBAI (M.H)