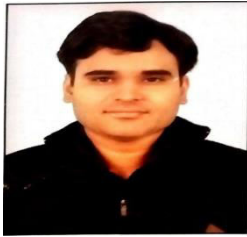


Biosketch

Faculty Name: Dr. Apoorva Srivastava

Assistant Professor (Department of Electrical Engineering)



Areas of Interest:

Power System, Control System, Renewable Energy Systems, Power Electronics, Electric Vehicles, Electric Drives

Education

- Ph.D., Electrical Engineering ,Shri Ramswaroop Memorial University, Barabanki ,2022
- M.Tech. Power system and Control Babu Banarasi Das University, Lucknow,2015
- B.Tech, Electrical and Electronics Engineering Krishna Engineering College, Ghaziabad, Uttar Pradesh Technical University, Lucknow, 2009.

Academic/Industrial Experience

1. Assistant Professor, Electrical Engineering, BBDITM, Lucknow, 2014-2022
2. Lecturer, Electrical Engineering, BBDITM, Lucknow, 2010-2014

Selected Publications

1. Apoorva Srivastava, R.S. Bajpai (2020), Model Predictive Control of Grid-Connected Wind Energy Conversion System, IETE Journal of Research (SCI), Vol.66 (Impact Factor 2.33).
2. Apoorva Srivastava, R.S. Bajpai (2021), Model Predictive Control of Renewable Energy Resources in DC Microgrid for Power Flow Control, International Journal on Energy Conversion(IRECON-SCOPUS), Vol.9(1), (Impact Factor 1.98).
3. Apoorva Srivastava, R.S. Bajpai (2019), An Efficient Maximum Power Extraction Algorithm for Wind Energy Conversion System Using Model Predictive Control, International Journal on Energy Conversion(IRECON-SCOPUS), Vol.7(3), (Impact Factor 1.98).
4. Apoorva Srivastava, R.S. Bajpai (2021), Comparative Analysis of PI & MPC Controllers for Dynamic Voltage Restorer Using Wind Energy Conversion System, 4th Biennial International Conference on Nascent Technologies in Engineering(ICNTE-IEEE), 15-16 January, 2021, Navi Mumbai.
5. Apoorva Srivastava, R.S. Bajpai (2019), An Adaptive Control Strategy for Maximum Power Point Tracking of Variable Speed Wind Turbine Using Model Predictive Control, 2019 International Conference on Cutting-edge Technologies in Engineering (Icon-CuTE-IEEE), 14-16 November 2019, SRMU, Uttar Pradesh, India.
6. Apoorva Srivastava, Kishan Kumar, Akhilesh Kumar Maurya (2021), Wind Turbine Fed Dynamic Voltage Restorer Using Fuzzy Logic Controller for Voltage Disturbance Mitigation, First International Conference on Advances in Computing and Future Communication Technologies(ICACFCT-IEEE), 16-17 December 2021, MIET, Meerut, Uttar Pradesh, India.

7. Apoorva Srivastava (2020), GSM and GPS Based Accident Identification, IJMTE (UGC Approved), VOL. 10(4), ISSN: 2249-7455, (Impact Factor 6.3).
8. Apoorva Srivastava (2020), Comparative Study on Boost Converter with and Without MPPT Technique in Solar PV Array, IJMTE(UGC Approved), Vol. 10(4), ISSN: 2249-7455, (Impact Factor 6.3).
9. Apoorva Srivastava (2021), A Review on Pole Mounted GSM based Circuit Breaker, Current Trends in Signal Processing, Vol.11(1), ISSN: 2321-4252, (Impact Factor: 0.5).
10. Apoorva Srivastava (2021), DTMF Based Home Automation Without Using Microcontroller, STM Journals, Vol.8(1), ISSN: 2455-197X, (Impact Factor: 0.5).

Other Details: FDP/WORKSHOP/WEBINAR ATTENDED

1. Artificial Intelligence in Contemporary biomedical & Healthcare Applications: Fundamentals & Hands on MATLAB, AICTE Training and Learning (ATAL) Academy Online Elementary FDP, 21-06-2021 to 25-06-2021, Organized by GBU, Greater Noida.
2. Integration of Renewable Energy Systems, AICTE Training and Learning (ATAL) Academy Online Elementary FDP, 22/11/2021 to 26/11/2021, Organized by Govt. Engineering College, Bikaner.
3. Artificial Intelligence and Green Power Technology, AICTE Training and Learning (ATAL) Academy Online Elementary FDP, 14-06-2021 to 18-06-2021, Organized by KNIT Sultanpur.
4. Five Day online workshop SCILAB, Workshop, 19-05-2021 to 23-05-2021, Organized by VIT Chennai.
5. COVID-19 Wave Awareness Week, COVID-19 Wave Awareness Week, 01-05-2021 to 02-05-2021, Organized by BBDITM, Lucknow.
6. IEEE BBDITM PES DAY Celebration, IEEE PES Day 2021, 18-04-2021 to 22-04-2021, Organized by IEEE Student Branch BBDITM, Lucknow.
7. Advances in Renewable Energy Technologies, Induction Program, 06-04-2021 to 12-04-2021, Organized by JIET, Jodhpur.
8. Advances in Power Electronics to Renewable Energy Systems and E-Mobility Applications, AICTE Sponsored STTP, 04-09 January 2021, Organized by Anurag University, Hyderabad.
9. Research Confront and Document Typesetting using LATEX:202X, AICTE Sponsored STTP, 11-16 January 2021, Organized by ABESIT, Ghaziabad.
10. Energy Engineering Economics, Planning & Management, Faculty Development Program, 25-29 January, 2021, Organized by KIET Ghaziabad.
11. Trends for Industry 4.0 Beyond 2020: Electronics Engineering Perspective, AICTE Sponsored STTP, 15-20 March 2021, Organized by J.C. Bose University of Science & Technology.

SWAYAM NPTEL Courses:

1. Accreditation of Undergraduate Engineering Program, 8 Weeks, Organized by NITTTR, Bhopal.
2. Accreditation and Outcome Based Learning, 8 Weeks, Organized by IIT Kharagpur.

Other Information:

Achieved Rank among top 19 Faculties at the Institute Level on “Departmental Promotion Video” by Faculty Members at BBDITM, Lucknow.