## Personal Information

| Name | Babita Gupta |
|---|---|
| Years of Experience | Teaching: 15 Years 2 Months<br>Research: NIL<br>Industry : NIL |
| Email Id | babitagupta@bvrithyderabad.edu.in |
| CN ID | BG435 |
| Areas of Specialization | Power Electronics |

## Educational Qualifications

| PG Degree | M.Tech. | Power Electronics | JNTU Hyderabad |
|---|---|---|---|
| UG Degree | B.E. | Electrical Engineering | GEC Raipur(NIT) |
| Ph.D | Pursuing | Power Systems | LovelyProfessional University(LPU) Punjab |

## Patents Published

1. Method and system for Implementing Power Grid Control Operation Using Big Data based Artificial Intelligence Techniques. Application no. 202141054474.
2. A Drone based Automatic and Autonomous Thermal Study on Sensitive and Isolated Electrical Equipment. Application no. 202241012635
3. IOT Based Height adjustable wheel chair with alerting unit. Application no.374745001

## Papers Published

### International Journal Publications

➢ Dr.V.Rajeswari, Babita Gupta, "Control of Gate Valve of Micro Hydro Power Plant Using Fuzzy Logic Control Technique", International Conference on Intelligent Computing & Communication Technologies (ICICCT- 2019), January 2019.

➢ Babita Gupta, S.V.Phanidhar, B.Venkatesh "Development of VSI Based STATCOM for Voltage Improvement & Reactive Power Compensation." International Journal of Scienceand Modern Engineering, Vol.1, No.4, ISSN: 2319-6386, March 2013.

### International Conference Publications

1. R.Guruswamy, V.Rajeswari, **Babita Gupta**,' India Power System Planning & Operation during the PAN India Lights Off Event', International Conference on Recent Trends in Electrical Electronics Communication and Instrumentation Engineering (ICRTEECI 2021), December 2021.
2. Babita Gupta, V.Rajeswari,R.Guruswamy,' Voltage Stability Analysis for Distribution Network Using D-STATCOM' Seventh International Conference on Information System Design and intelligent Applications, February 2022

## FDP's Attended

➢ Attended nine days online FDP on "Finite Element Analysis on Electric Motors and Electric Vehicles" organized by SRM University, Chennai from 19th to 27thMay 2021.

➢ Attended five days FDP on " Recent Trends and Challenges in Robotics and Automation" from 13th December to 17th December 2021 organized by Department of Mechatronics Engineering Manipal University Jaipur,Rajasthan,India

➢ Attended five days online FDP on "Recent Trends and Challenges in Robotics and Automation" organized by Manipal University, Jaipur from 13th to17th December 2021

- One Week FDP on " Industrial Relevance Of Electrical Engineering" from 15th to 20th June2020 organized by Department of Electrical and Electronice Engineering.
- One Week FDP on "Implementation and Simulation of Electrical Engineering Applications Using PLECS TOOL" organized by Electrical and Electronics Engineering Department ,VCE during 25th -29th May2020 in association with PLEXIM,Switzerland.
- Five Day National Level online FDP on " Artificial Intelligence" from 22nd May to 26th May 2020 organized by Department of CSE & IT in association with NYCI & Brain O Vision solutions India Pvt. Ltd.
- Attended one day workshop Think-Technology-Transform-Level1 at vedic on 22-06-2018
- Three Day FDP on Professional Etiquette & Emotional Intelligence organized by the Department of Basic Sciences & Humanities from 8-07-2019 to 10-07-2019 at BVRITH,
- Three day workshop on "Inspire-Impact-Introspect" at BVRITH, VEDIC from 13th to 15th May 2019.
- Three day workshop on "Students Learning in Instructional Design(SLIDE)" at VEDIC, SVES from 8th to 10th May2019.
- One day workshop on "Unconscious Bias In Workplace" at BVRITH, VEDIC on 8th February 2019.
- One Week Faculty Development Program (FDP) on " IoT and Embedded System Design using NI Lab VIEW" , during 18th to 22nd December 2017 organized by Department of Electrical & Electronics Engineering , BVRIT HYDERABAD.
- Six day workshop on "Liter of Light" at BVRIT HYDERABAD College of Engineering for Women from 12th to 16th October 2017.
- Two day workshop on "MATLAB & SIMULINK" at BVRIT HYDERABAD on 12th & 13th September 2014.

## *Certifications*

- Certification on **"Machine Learning for All"** from Course Era on 17th May 2020
- Certification on **"Solar Energy Basics"** from Course Era on 5th May 2020
- Certification on "Outcome Based Education & Academic Quality Assurance" on 1st April 2020 under Udemy.
- Certification on "Power System Engineering" organized by NPTEL and got Elite Performance