

SUNEEL KUMAR

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RESUME HIGHLIGHTS

- Currently working as **Assistant Professor** in Electrical Engineering Department in Rajkiya Engineering College, Bijnor since 08/12/2017.
- Worked as **Assistant Professor** in Electrical & Electronics Engineering Department in KIET Group of Institutions, Ghaziabad from 21/07/2014 to 07/12/2017.
- Qualified **GATE** eight times with good score.
- Organized two International Conferences in KIET, Ghaziabad.
- Guided various projects at UG and PG level.
- Attended various workshops and training programs at reputed institutes.
- Organized many workshops for students.
- **Gold Medalist** in M.Tech from NIT Jamshedpur.
- **Gold Medalist & Cash Prize Winner** in B.Tech from SRMSCET, Bareilly.
- Undergone summer training at NHPC Tanakpur during B.Tech.

ACADEMIC SUMMARY

- **Master of Technology** (Power System) from National Institute of Technology, Jamshedpur, Jharkhand with 9.87 CGPA.
- **Bachelor of Technology** (Electrical and Electronics Engineering) from S.R.M.S. College of Engineering and Technology (Affiliated to G.B.T.U. Lucknow), Bareilly, Uttar Pradesh with 77.22%.
- **Intermediate** from S.D.R.D.S.V.M. Inter College, Baheri, Bareilly (under UP Board) with 76.60%.
- **High school** from S.D.R.D.S.V.M. Inter College, Baheri, Bareilly (under UP Board) with 77.16%.

PROJECTS UNDERGONE

- “Automatic Solar Tracker System” during B.Tech
- “Grid Interfacing Inverter of Wind Farm for Power Quality Improvement in Distribution System” during M.Tech

TECHNICAL SKILLS

- Software's : MATLAB, EMTP, MS Office, OPAL-RT, DIgSILENT PowerFactory
- Basic knowledge of C & Programming knowledge of Microprocessor-8085 kit.

UG and PG PROJECTS GUIDED

- Modeling and Control of Grid Integrated Solar Photovoltaic Generation System.
- Modeling and Simulation of Digital Frequency Relay for Generator Protection.
- Speed Control of DC Motor using PWM.
- Modeling of Dynamic Voltage Restorer.

- Power Quality Improvement by Dynamic Voltage Restorer.
- Stepper Motor Control using RF Link.
- Highway Lighting System with auto turn off in day time.
- MPPT based Solar Charging System.
- Four Quadrant Operation of DC Motor with Speed Control.
- Three Phase Inverter Using MOSFET.
- Solar Inverter Using Microcontroller.

WORKSHOPS & TRAININGS ATTENDED

- Attended one week STC on “**Power System Operation, Control & Planning with Renewable Energy Sources (PSORE-2019)**” organized by NIT Kurukshetra from 03/07/2019 to 07/07/2019.
- Attended one week FDP on “**Startup & Entrepreneurship**” organized by IED Lucknow from 12/11/2018 to 16/11/2018.
- Attended one week “**Summer Training program on Active Learning for Senior Faculty**” organized by IIT Kanpur from 02/07/2018 to 06/07/2018.
- Attended one day workshop on “**Effective Research Paper Writing**” organized by KIET Ghaziabad on 28/10/2017.
- Attended Two-week ISTE STTP on “**Electric Power System**” organized by Indian Institute of Technology, Kharagpur from 12/06/2017 to 15/07/2017.
- Attended AICTE sponsored QIP short term course “**New Trends in Power System, Protection and Control Techniques**” held at Indian Institute of Technology, Roorkee from 26/06/2017 to 30/06/2017.
- Attended one week academy Short Term Training Program on “**Power Electronics for Smart Grid and Renewable Energy Control**” held at Malaviya National Institute of Technology, Jaipur from 15/05/2017 to 19/05/2017 under the aegis of Electronics & ICT Academy, MNIT Jaipur, sponsored by Deity.
- Attended one week Short Term Course Entitled “**Emerging Trends and Future Challenges in Power System Operation & Control (ETFCSOC)**” held at National Institute of Technology, Jamshedpur from 20/06/2016 to 24/06/2016.
- Attended Faculty Development Program on “**Control System Design & Simulation using Qube Rotary Servo**” held on 17/06/2015 at Amity University, Noida (U.P).

ACHIVEMENTS & EXTRA CURRICULAR ACTIVITIES

- Stood first in Tehsil in Intermediate Examination.
- Organized international conference “**CIPECH-14**” during 28-29 Nov’2014 at KIET, Ghaziabad.
- Organized international conference “**CIPECH-16**” during 18-19 Nov’2016 at KIET, Ghaziabad.
- Attended Hands-on-training/workshop on “**PLC & SCADA**” organized by Sofcon India Pvt. Ltd., Noida on 10/08/2011 at SRMSCET, Bareilly.
- Participated in Rocketry event at National Level Technical Fest “**Techvyom**” held on 5 & 6 March 2011 at SRMSCET, Bareilly.
- Completed course of “**Basic in Computer**” from E-Shiksha (under Uttarakhand Social & Welfare Society) at Haldwani from 01/08/2007 to 30/01/2008.