

**Deepak Kumar****Address:** Nagla Kishan Lal Tedi Bagiya, Agra 282006**E-Mail:** deepu1796@gmail.com**Mobile No.:** +91-9458884146, 9718618790**Career Objective**

Seeking a position in a well organization where I can utilize my skills so as to grow professionally as well as personally.

**Profile Summary**

- A focused professional with a zeal to make a winning career.
- Endowed with a passion for winning as evinced through excellence in academics & extracurricular areas.
- Abilities in handling multiple priorities, with a bias for action and a genuine interest in personal and professional development.
- Quick learner with the ability to work in a team and organize things in an optimistic way.
- Good communicator with strong analytical & presentation skills.

**Education**

EDUCATIONAL QUALIFICATIONS	YEAR	BOARD/INSTITUTION	CGPA/%
PhD (Electrical Engineering)	2024	Delhi Technological University	Pursuing
M. Tech (Power System Engg.)	2016	Gautam Buddha University	7.39 CGPA
B.Tech (Electrical & Electronics Engg.)	2013	Noida Institute of Engineering & Technology, Greater Noida	63.24%
Intermediate (XII <sup>th</sup> Class)	2008	Uttar Pradesh State Board of High School and Intermediate Education	67%
High School (X <sup>th</sup> Class)	2006	Uttar Pradesh State Board of High School and Intermediate Education	67%

**Research Experience****2024 PhD -Electrical Engineering (Pursuing)**

Department of Electrical Engineering

**Supervisor** Prof. JN Rai and Prof. ST Nagarajan**Title** *Some Investigation on Inverter for RES-Based Power Generation*

Platform – Windows | Tools – Microsoft Visio, MATLAB 2023a, Hyper-Sim Real-Time Simulator, OPAL-RT

**2015-2016: Master's Student, Gautam Buddha University, India**

Department of Electrical Engineering

**Advisor:** Dr. M.A. Ansari**M.Tech Dissertation:** *Fault Detection in Transmission Line and Power Equipment Using Image Processing and A. I. Techniques*

Platform – Windows | Tools – Microsoft Visio | Language – MATLAB coding (MATLAB 2010)

**Academic Projects****2015: Master Student, Gautam Buddha University, India**

Department of Electrical Engineering

**Advisor:** Dr. Sabana Urooj (SOE, GBU)**Title:** *Unified Power Flow Controller for Improving Transient Stability Performance of Power System***Duration:** Six Months

**2013:** Bachelor Student, Noida Institute of Engineering and Technology, India  
Department of Electrical & Electronics Engineering  
**Advisor:** Mr. Anil Kumar Jha (EN department, NIET)  
**Title:** *Magnetic Levitation Train*  
**Duration:** Six Months

### Summer Training

**Title:** Vocational Training in Electrical and Maintenance Department  
**Organization:** National Thermal Power Corporation Limited (NTPC), Dadri  
**Remark:** Good  
**Duration:** 4 Weeks

### Experience

- One Year of Experience at KET Polytechnic Institute as a lecturer from July 2013 to April 2014.
- Assistant Professor in C.B.S. College of Engineering and Management from Aug. 2016 to June 2019.
- Assistant Professor (Guest) in RBS Engineering Technical Campus from Aug. 2019 to June 2023
- Assistant Professor (on Contract) in Department of Electrical Engineering, Gautam Buddha University, Greater Noida from Aug.2023 to Dec. 2023

### Academic Cardinals/Achievements

- Attended a One-Week workshop on Electric Power System held at RBS Engineering College, conducted by IIT-Kharagpur.
- Attended a One-Week FDP Program on Computer Vision Held at FET Agra College, conducted by AKTU.
- Attended a Webinar on the Development of Deep Learning Architecture, conducted by IETE- Mumbai.
- Attended a Webinar on Solar Energy- Opportunities & Challenges, conducted by BBDITM.
- Attended a Webinar on the State project implementation unit- Uttar Pradesh, conducted by BIET Jhasi.
- Attended a One-Day workshop on R, conducted by IIT-Bombay.
- Attended a One-Week online FDP program on Emerging Trends on Electrical & Electronics Engineering, conducted by HCST Mathura.
- Attended a One-Day workshop on Building Trust on Campus: Posh Insights for Academia, conducted by DTU.
- Attended a One-Day workshop on Technical Writing Using LATEX, conducted by DTU.
- Attended a Five-Day GIAN Course on "Recent Advancements in Power Quality-based Controllers with Grid Integration of Renewable Energy Sources: Design, Mitigation Techniques, and Their Performance Analysis at the Distribution Level" at DTU, conducted by the Department of Electrical Engineering

### Paper Publications

#### CONFERENCES: -

- **Deepak Kumar**, Amit Kumar, and M.A. Ansari, "A Flexible Scheme of Fault Detection in Electrical Assets using Infrared Thermography," *1st Springer International Conference on Emerging Trends and Advances in Electrical Engineering and Renewable Energy (ETAEEERE) 2016*.
- **Deepak Kumar**, Amit Kumar, Abhay Yadav, M.A. Ansari, "A Novel Scheme of Fault Detection in Power Transmission Line Using Image Processing," *International Conference on Advancement in Energy, Drive & Control (ICAEDC-2017)*.
- Amit Kumar, **Deepak Kumar**, Abhay Yadav "Power Quality Improvement of Power Distribution System Under Symmetrical and Unsymmetrical Faults Using D-STATCOM," *International Conference on Advancement in Energy, Drive & Control (ICAEDC-2017)*.
- Amit Kumar, Indra Jeet Pal, Omkar Yadav, **Deepak Kumar**, "Renewable Natural Ester Oil an Alternative Resource to Mineral Oil and their Physical Chemical Dielectric Properties for Transformer Insulation Oil," *International Conference on Emerging Trends in IoT and Computing Technologies-2022*.
- Shantanu Parasar, Ashish Kumar, Pawan Sharma, Shivank Rana, **Deepak Kumar**, "Fault Prediction in Electrical Assets Using Infrared Thermography," *International Conference on Advancements and Key Challenges in Green Energy and Computing-2023*.

- **Deepak Kumar**, JN Rai, ST Nagarajan, “VSG-DC-Based Grid Forming Inverter Control for Standalone Microgrid,” *IEEE International Conference on Cognitive Computing in Engineering, Communications Sciences and Biomedical Health Informatics (IC3ECSBHI 2025)*.

#### JOURNALS: -

- Amit Kumar, **Deepak Kumar**, Abhay Yadav, “Mitigation of Power Quality Problems and Harmonics Compensation Using Capacitor-Supported Dynamic Voltage Restorer (Dvr),” *Journal of Electrical Engineering (JEE)*, Volume-17, 2017. (SCOPUS)
- **Deepak Kumar**, M. A. Ansari, “Condition monitoring of electrical assets using digital IRT and AI technique,” *Journal of Electrical System and Information Technology, Elsevier-(2017)*, vol-5, issue-3, pp 623-634.
- **Deepak Kumar**, “Power System Restoration Using Multilayer Perceptron,” *International Journal of Engineering, Science and Information Technology (IJESTY-2020)*, Vol-1, issue-1, pp 10-14. (SCOPUS)
- Minakshi Awasthi, Amit Kumar, **Deepak Kumar**, Indra Jeet Pal, “Electric Power System Monitoring and Theft Detection using Power Line Communication,” *International Journal of Engineering, Science and Information Technology (IJESTY-2022)*, Vol-2, pp 79-85. (SCOPUS)

#### Extracurricular Activities

- Participated in Cricket in 6<sup>th</sup> and 7<sup>th</sup> Annual Sports Meet SHAURYOTSAV held at Gautam Buddha University, Greater Noida.
- Participated in Counter Strike and NFS Computer Game in Annual Sports Game held at Noida Institute of Engineering and Technology. Greater Noida

#### Personal Details

Father's Name	:	Late Shri Siyaram
Date of Birth	:	07 <sup>th</sup> March 1992
Sex	:	Male
Blood group	:	O+
Marital Status	:	Married
Nationality	:	Indian
Address	:	Nagla Kishan Lal New Awadi Tedi Bagiya, Agra-282006, Uttar Pradesh
Languages Known	:	English and Hindi

#### References

1. Dr. M.A. Ansari  
Assistant Professor, Department of Electrical Engineering  
Gautam Buddha University, Gr. Noida, U.P. - 201312, India  
Email: ma.ansari@gbu.ac.in  
Contact No.: +91-9718229066
2. Dr. Omkar Yadav  
NPDF, IIT Kanpur  
Email: om.y.mnnt@gmail.com  
Contact No.: +91-7985146655
3. Dr. J.N. Rai (Prof.)  
Professor, Department of Electrical Engineering  
Delhi Technological University, New Delhi  
Email: jnrai@dce.ac.in  
Contact No.: +91-8076517705
4. Dr. S.T. Nagarajan (Prof.)  
Professor, Department of Electrical Engineering  
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Place: New Delhi

Date:



(Deepak Kumar)

