

Resume

Dr. Chhavi Lal

Assist. Professor (on Contract)

HBTU, Kanpur

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As a professional I believe in intellectually stimulating work process, to excel and succeed through smart work, thus enhancing value addition to my job, the organization and myself.

Education:

- **Ph.D. (Power Systems)** in Electrical Engineering Department at **MNNIT, Allahabad**, Uttar Pradesh, India.
- **M.Tech (Power Systems)** in Department of Electrical Engineering at **IIT, BHU**, Varanasi, India, from July 2004 to June 2006.
CGPA: 8.10 / 10 with honors.
- **B.Tech.** in Electrical Engineering at College of Technology, **GBPUA&T, Pantnagar Uttarakhand**, India, from September 1997 to June 2001.
CGPA: 3.503/5.00.

Gate -2004 in Electrical Engineering.

Percentile: - 98.13

All India Rank: - 355

Area of Research:

Power system protection:

- Application of distance protection schemes in distribution system with distributed generations.
- Micro- Controller based numerical Mho distance Relay for long Transmission line protection.
- Application of AI, PMU data in protection.

Research Experience

- One and half year experience as a Junior Research Fellow in College of Technology, GBPUA & T, Pantnagar from February19, 2002 to August10, 2003.
- Research Scholar in Electrical Engineering department, Motilal Nehru National Institute of Technology Allahabad, Uttar Pradesh, India started in July15, 2016 to July 07, 2022.

Teaching Experience:

- One year Teaching Experience as Teaching Personal in the Department of Electrical Engg. at College of Technology, Pantnagar (UK), from August 11, 2003 to June 20, 2004.
- Four years teaching Experience as Assistant Professor in the Department of Electrical & Electronics Engg, at K.I.T., Kanpur (UP), from August 01, 2006 to May 31, 2010.
- Five years teaching Experience as Assistant Professor in the Department of Electrical Engg, at

R.I.E.T., Kanpur (UP), from June 1, 2010 to June 6, 2015.

- Six months teaching Experience as Guest Faculty in the Department of Electrical Engg, at R.E.C., Banda (UP), from January 27, 2016 to June 30, 2016.
- One year Teaching Experience as Associate Professor in the Department of Electrical Engg. at Dr. Virendra Swarup group of Institutions (VSGOI), Unnao, from August 20, 2022 to July 31, 2023.
- Three years teaching Experience as Guest Faculty in the Department of Electrical Engg, at HBTU, Kanpur (UP), from August 03, 2023 to June 30, 2026.

Currently, I am working as Assistant Professor (On Contract) on contract in the Department of Electrical Engg HBTU, Kanpur from 03/08/2026.

Responsibilities Other Than Teaching:

- Faculty Incharge-Lab at KIT, Kanpur.
- Controller of Examinations at RIET, Kanpur.
- Counselling In-charge of UPSEE-2013 at RIET, Kanpur.
- Dean Academic at RIET, Kanpur.
- Head of Department at RIET, Kanpur.
- B. Tech first year coordinator in Rama University
- Convener of syllabus designing of Electrical Engineering in Rama University.
- Head of Department at REC Banda.
- Dean Academic at VSGOI, Unnao
- Accreditation work (NBA)

Software Proficiency:

- DiGSilent Power factory, MATLAB, MS Projects, Power Point, PV Syst, PV Sol, Ret Screen.

Publication:

Journal Articles:

1. Chhavilal, "Microcontroller based numerical mho distance relay for long transmission line protection" in Intl J Engg Sci Adv Research 2015 March1 (1):121-127.
2. C. Lal, S. Sarangi, S. R. Mohanty and A. K. Singh, "ANN Based Adaptive Mho Distance Protection in Distribution Network with Distributed Generations," 2020 IEEE 7th Uttar Pradesh Section International Conference on Electrical, Electronics and Computer Engineering (UPCON), 2020, pp. 1-6, doi: 10.1109/UPCON50219.2020.9376461.
3. Chhavi Lal, S. Sarangi;S. R. Mohanty;Asheesh K. Singh "Adaptive Distance Protection in Distribution Network with Distributed Generation Using Wavelet and ANN"
Doi:[10.1109/TPWRD.2017.272191203](https://doi.org/10.1109/TPWRD.2017.272191203)

Participation/coordination:

- I participated in national symposium entitled “Frame work of future technologies and management practices for sustainable development” held at Rama University, Kanpur (UP) on Nov. 16, 2013.
- I worked as volunteer in GAIN course lectures on “Power system volt? VAR voltage & stability (PSCVS-2017) held at MNNIT, Allahabad on Dec. 26-30,2017.
- I effectively coordinated workshop entitled “ MATLAB and Android” held at Rama University (UP) on july 12,2015.
- I participated in the “7th IEEE Uttar Pradesh section international conference on Electrical, Electronics and computer science engg. (UPCON 2020) held at MNNIT, Allahabad on Nov 27- 29, 2020.

Short Term Courses/Seminar:

- Worked as volunteer in International Conference on Power System Operation in Deregulated Regime (ICPSODR-2006), March 6th & 7th 2006 at IT- BHU, Varanasi.
- Attended Three days short term course on, “Advances in Power Electronics and Renewable Energy Resources” (APERER-2017) organized by M.N.N.I.T, Allahabad (July 21-23, 2017).
- Attended one week GIAN course on “Power System Volt/VAR control and Voltage Stability” organized by MNNIT, Allahabad (Dec 26-30, 2017).
- Attended one week course on “Advances in Power Technologies (APT-2018)” jointly organized by MNNIT, Allahabad & KNIT Sultanpur at MNNIT Allahabad (April 8-13, 2019).
- Attended one week course on “Emerging Power Technologies and Management” (EPTM-2019) jointly organized by MNNIT, Allahabad & KNIT Sultanpur at KNIT Sultanpur (April 8-13, 2019).

Awards:

- Receiving Fellowship for Doctoral study from MHRD India from July 2016 to June 2021.
- Received MHRD Scholarship for M.Tech study from July 2004 to June 2006.
- Received Two Times Best Faculty awards at Kanpur Institute of Technology, Kanpur

References:

- **Prof. Asheesh K. Singh**
Professor, Electrical Engineering Department,
Motilal Nehru National Institute of Technology,
Teliarganj, Prayagraj, Uttar Pradesh 211004, India.
Email: asheesh@mnnit.ac.in
Mobile: +91- 9455133600
- **Dr. S. R. Mohanty**
Associate Professor, Electrical Engineering Department
IIT, BHU, Varanasi, BHU Varanasi, India. Email:
soumya@mnnit.ac.in
Phone No.: +91-9554575150

Personal Details

Name	CHHAVI LAL
Date of Birth	02-11-1976
Father's name	KESHAV PRASAD
Sex	Male
Marital Status	Married
Languages Known	English, Hindi
Nationality	Indian
Permanent Address	Chhavi Lal Sahu S/o Sri Keshav Prasad Sahu Vill.-Purajahan, Post Chilli, (Muskara) Distt.- Hamirpur (U.P.)-210506

Declaration

I hereby declare that the above mentioned information is correct up to my knowledge and I bear the responsibility for the correctness of the above mentioned particulars.

PLACE: Kanpur
Date: 24-06-2025

(Chhavi Lal)