

# Dr. Vijay Kumar Garg

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## About Me

Dr. Vijay Kumar Garg is an accomplished academician and researcher with over 18 years of teaching and research experience in Electrical Engineering. Currently serving as an Associate Professor at UIET, Kurukshetra University, he has contributed extensively to renewable energy, microgrids, electric vehicles, and smart grid technologies.

His academic journey includes a Ph.D. in Electrical Engineering from IKG Punjab Technical University, along with an M.Tech. and B.Tech. from NIT Kurukshetra. He has also authored a widely used textbook, "Basic Electrical Engineering (A Complete Solution)", published by Wiley India.

## Academic & Research Contributions

- Areas of Interest: Energy Management, Microgrids, Renewable Energy Systems, Restructured Power Systems, Congestion Management, Electric Vehicles
- Publications: 100+ research papers in reputed international journals and conferences (Springer, IEEE, Elsevier, IET, Scopus, and Web of Science indexed)
- Patents: Four Indian patents filed in renewable energy, power generation, and sustainable technologies
- Book: Author of 'Basic Electrical Engineering (Wiley India, 2015)'
- Google Scholar Citations: See profile link above

## Professional Memberships

- Life Member, The Indian Science Congress Association
- Member, IEEE (Delhi Section)

## Administrative Roles

- Faculty-in-Charge, Department of Electrical Engineering (2018–2024)
- Convenor, Admission Committee (2012–2024, multiple terms)
- Project Coordinator, TEQIP-III (World Bank Project)
- Member of Boards of Studies, Academic Council, and DRAC at Kurukshetra University

## Workshops & Conferences

- Participated in 30+ national/international workshops, FDPs, and training programs including IITs, NITs, IIMs, and ESCI
- Presented papers at IEEE, Springer, and Elsevier conferences in areas of smart grids, renewable integration, and microgrids

## Supervision

- Guided 50+ M.Tech dissertations
- Currently supervising 4 Ph.D. scholars in energy systems and renewable integration.