Prof. S. N. Singh, Chair Professor, Department of Electrical Engineering, Indian Institute of Technology Kanpur. He received his Ph.D. and MTech in Electrical Engineering from Indian Institute of Technology Kanpur (IITK), Kanpur, India in 1995 and 1989, respectively. He has very wide experience in teaching and research in Electrical engineering.

Research Interests: Distributed generation and smart grid, power system restructuring /deregulation, FACTS Technology, Optimal power dispatch and security analysis, Power system dynamics, operation and control.

He has been awarded ***Humboldt Research Fellowship (2005, 2007)*** for carry out research work at University of Duisburg-Essen, Germany and ***Otto Mønsteds Fond Award***, Denmark in 2009. He was a ***Visiting professor at Denmark Technical University, Lyngby, Denmark*** (2009-10).

Awards/Prizes:

- Emerald Literati Network 2015 Awards for Excellence by Emerald Publication UK.
- IEEE PES Chapter Outstanding Engineer Award (2014)
- IEEE Educational activities board Meritorious achievement award in continuing Education (2013)
- Three PhD Theses got POSOCO Power System Award, 2012
- 2010 Clayton Griffin Student Paper Award for SVM based Scheme to Prevent Distance Relay Mal-operation under Power Swing and Voltage Instability"
- Otto Mønsteds Fond Award, Denmark (2009)
- Humboldt Research Fellowship (2005, 2007)
- Khosla Research Award (Gold) of Roorkee University, India, 2000.
- Received INAE Young Engineer Award 2000.
- Khosla Research Award (Commendation) of University of Roorkee, India 1998.
- Received C.B.I.P. Young Engineer Award 1996.

He has successfully completed many research projects and has been currently associated with collaborative research projects in the area of distributed generation and smart grid, optimal power dispatch and security analysis, etc. Recently, he has been associated with ***DST-UKIERI*** collaborative project on "***Smart Multi-Terminal DC μ-grids for Autonomous Zero-Net Energy Buildings***" jointly with IIT Mandi and Loughborough, UK. Some of the ongoing projects are listed below:

He has very strong publication records – refereed journals (160), Conferences (202), discussion and invited papers (24). He has supervised 12 PhD thesis and 9 are in progress, and 26 MTech/ME thesis. He has published text books titled ***Electric Power Generation, Transmission and Distribution***, Prentice Hall of India (2003), and ***Fundamentals of Basic Electrical Engineering***, PHI (2010). He has book chapter contribution in ***Intelligent Techniques for Power System Generation,*** IEEE Press 2008 and ***Intelligent Control of Power Electronic Systems for Wind Turbines*** in the book entitled "***Wind Power Systems: Applications of Computational Intelligence***" published by Springer. He is Fellow of The Institution of Engineering and Technology, UK (FIET), Fellow of The Institution of Engineers (India)- (FIE), Fellow of Indian National Academy of Engineering- (FINAE) and Senior Member, The Institution of Electrical & Electronics Engineers- (SMIEEE).

Latest Research Publications

1. Mahesh Kumar, SC Srivastava, **SN Singh**, Control Strategies of a DC Microgrid for Grid Connected and Islanded Operations, ***IEEE Trans on Smart Grid***, Vol 6, No. 4, July 2015, pp. 1599-1601.
2. Mahesk Kumar, SC Srivastava, **SN Singh** and M Ramamoorthy, Development of a Control Strategy for Interconnection of Islanded DC Microgrids, ***IET Renewable Power Generation***, Vol. 9, NO. 3, April 2015, pp. 186-194.
3. Khoisnam Steela, Bharat Singh Rajpurohit, **SN Singh**, Power Education Revolution- A journey Towards a Smarter Future Power Sector, ***Journal of Engineering Education Transformations***, Vo. 28, No. 2 &3, Oct 2014 & Jan 2015, pp. 6-14.
4. P Pavani and **SN Singh**, Optimal Placement Techniques for Distributed Generation, **Electrical India**, Vol. 55, No. 2, February 2015, pp. 22-30.
5. **SN Singh**, Ancillary Services- International Experiences & Implementation in India, International Journal of Water and Energy, Vol. 57, no.5, August 14, 2014, pp 33-42.