

JITENDRA KUMAR VASHISHTHA

Mob. 9897402388

Email ID: calljkv1980@rediffmail.com

Flat No.k-2, Solani Enclave,
New AdarshNagar,
Roorkee-247667(Uttarakhand)

Objective

To utilize my skills with full honesty and devotion

Educational Qualifications

- **M.Tech.** (Electrical Power System) Division –First(Hons.)
From B.I.T., Mesra, Ranchi with 84.3% in 2004.
- **B.Tech.** (Electrical) Division- First (Hons.)
From AMU Aligarh with 77.8% in 2002.
- **Diploma** (Electrical) Division- First (Hons.)
From AMU Aligarh with 85.6% in 1997.
- **High School** Division- First (Hons.)
From U.P.Board, Allahabad with 84.8% in 1994.

Project

➤ B.Tech Project

Comparative Study of various types of inverters. In this project the main aim was to calculate the harmonic contents in various types of inverters and to select the best one.

➤ M.Tech Project

PROFUST Model for Evaluating forced outage rate of generating units incorporating the effect of maintenance scheduling.

Subjects Taught

- Network analysis and synthesis
- Electrical Measurement & Measuring Instruments
- Basic Electrical Engineering
- Switchgear & Protection
- EHV AC&DC Transmission
- Electromechanical Energy Conversion
- Reliability & Quality Management
- Basic System Analysis
- Energy Conversion

100% Results

I have achieved 100% result in the following subjects:-

- Switchgear & Protection
- Reliability & Quality Management
- Electromechanical Energy Conversion

Employment Record

Joined College of Engineering Roorkee(COER) on date July 19, 2004 as a Lecturer in Electrical Department. Promoted to the post of Sr. Lecturer in April 2008. Promoted to the post of Assistant Professor in 2010 and left COER in 2017 after serving 13 years. Having a total teaching experience of 13 years.

Responsibilities Taken

- Represented COER in Counselling held by Uttarakhand Technical University in Dehradun.
- Team member for Accreditation work in electrical department.
- Lab O/C of Electrical Transducers Lab
- Faculty Advisor of B.Tech.2nd Year EN Branch (Batch T2)
- Team member of admission process for admission to B.Tech, MCA and MBA Courses.
- Team Member of Convocation Committee.
- Team Member of Antiragging squad.

Award & Scholarships

- GATE Scholarship
- University Merit Scholarship
- U.P.Board Merit Scholarship
- Bharat Sewa Trust Scholarship
- 100% Result Award

Research papers published

- **National Papers**
 - (i) "Generator Maintenance Scheduling in Generation Expansion Planning of Interconnected Power System", Published in, National Conference on Recent Advantages in Electrical Engg. (EAR -2005), JNTU College of Engg. Anapur (A.P.), Dec 10, 2005
 - (ii) "Implementation of a Programmable and Novel analog fuzzy controller" Presented in National conference on communication, control and bioinformatics at engineering college, Kota (Raj.)
 - (iii) "Programmable Analog Fuzzy Controller" Presented in National conference on electronic circuits and communications systems (ECCS-2006) organized by Thapar

- Institute of Engg. & Tech. (Deemed University), Patiala (Punjab).
- (iv) "Pseudo inverse Filtering of Motion Blur" Published in National conference on Electrical Engg. At Poornima College of Engg. Jaipur (Raj.)

➤ **International Papers**

- (i) "Profust Model for Evaluation of Forced Outage Rate of Generating Units Incorporating the Effect of Maintenance Scheduling", Presented in International Conference on Computer Application in Electrical Engg. Recent Advantages (CERA-2005), IIT Roorkee, Sept 28-Oct 1, 2005, Pp. 75-78
- (ii) "Optimal Novel Power System Stabilizer based on fuzzy logic Theory" Published in International conference on Power System Operations in Deregulated Regime at Institute of Technology, B.H.U. Varansi (U.P.)
- (iii) "Fuzzy Dynamic Programming Approach for Generator Maintenance Scheduling", Presented in, International Conference on Sustainable Energy, Efficiency & Environment held in UPTU Lucknow, June 10-11, 2006.