

BHAVESH G. SHAH

Improving Performance • Enhancing Programs • Inspiring Systemic Change

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EXPERIENCED EDUCATOR

...dedicated to guiding students to succeed while inspiring an insatiable passion for learning and reading

Visionary Leader, Bridge Builder and Motivator with a Master's Degree coupled with 11 years' experience instructing under-graduate and post-graduate students, securing resources, and implementing effective programs.

SUMMARY OF SKILLS

- An **enthusiastic, creative, and passionate educator**, mentor and advisor who believes that all children can learn and thrive in a learning environment that is stimulating, comforting and appropriate to their unique talents and abilities.
- **Specializations include:** Electrical Power Systems, Electrical Machines, Energy Technology and Management.
- **Instructional Leadership** - Use a balanced blend of motivational and targeted instruction methodologies to enhance curricula, focus on the three 'R's - rigor, relevancy and relationships.
- Utilize a **visionary approach with consistency** to help students past the threshold of *not-knowing* to *knowing* and develop to their fullest extent.
- Train, motivate and develop students through interactive communication process and periodic appraisals;
- Possess analytical skills and problem solving abilities, generate alternatives and Fall-back plans wherever necessary, and implementation after proper evaluation.
- Computer literacy of Windows operating systems, Microsoft Office, C++ Language, MatLab, PSCad, PSpice, MiPower softwares.

HIGHLIGHTED PROFESSIONAL TEACHING EXPERIENCE

CHAROTAR INSTITUTE OF TECHNOLOGY

August 2001 – Till Date

ASSOCIATE PROFESSOR

- Teaching at various levels to cater knowledge of ELECTRICAL ENGINEERING.
- Utilize multiple assessments in compliance with AICTE and University requirements to inform instruction.
- Use innovative methods and materials to produce effective learning experiences including cooperative learning, thematic instruction and differentiation.
- Prepared assignments for student reports; assisted students in organizing and writing research findings, bibliographies and final reports.
- Partnered with parents in students' success; provided feedback on students' progress and to discuss areas needing improvement and additional work.
- Conducted classroom instruction; prepared daily lesson plans; administered tests; provided feedback on learning achievements and needs for improvement.

Highlighted Achievements

- Contributed to a significant increase in student performances on standardized testing.
- Increased parental involvement by consulting with parents regularly.
- Mentored and coached students to help boost their confidence and competencies, as evidence by scores and completion of work.

HEAD OF DEPARTMENT

- Additional duty as Head of Electrical Engineering Department performed since **April-2003**.
- Incorporate in-house collegiate and external resources to develop lesson plans; create and administer tests; and provide students with feedback targeting areas of improvement and align their strengths with course objectives and intended outcomes.
- Implemented various classroom management techniques for maintaining student attention, involvement and discipline.

- Developed daily lesson plans and testing materials; leveraged the use of technology to enhance instruction, infusing the use the latest technology to conduct research and prepare reports, including: the Internet, department websites, PowerPoint presentation software, and on-line library research.
- Served as an instructional leader by modeling high expectations for students and implementing results focused programs.
- Developed different laboratories of department with a state of art design.
- Organized various national as well as state level technical events.

Highlighted Achievements

- Quality certification from ISO 9001:2000.
- Department received accreditation by National Board of Accreditation (NBA) (Consider as the highest quality mark in technical education) in July 2009.
- Offered technical consultancy to various clients e.g. Amul Dairy, Nimisha International(USA) etc.
- Receipt of best department award by institute management.

OTHER INSTRUCTOR EXPERIENCE

B & B institute of Technology, V.V.Nagar	Adhoc Lecturer	Aug 1999 – Apr 2001
Inst. of Science, Technology & Research, V.V. Nagar	Visiting Professor	Sept 2004 – Dec 2004

OTHER ACADEMIC ASSOCIATION

- Invited judge by various technical institutes for technical events.
 - PG teacher for Electrical Power System approved by Gujarat University
 - Member of expert panel for interviews conducted by various universities.
 - Member: Board of Studies for Electrical Engineering of Gujarat University
 - Member: Adhoc Board of Studies for Electrical Engineering of Gujarat Technological University
 - Chairman: Board of Studies for Electrical Engineering of Charotar University of Science & Technology
 - Member: Faculty Board for Faculty of Technology & Engineering of Charotar University of Science & Technology
 - Member: Board of Management of Charotar Institute of Technology
 - Paper setter & Examiner for various examinations of different universities of Gujarat state.
 - Invited expert by various institutions to deliver expert lectures on various topics of electrical engineering.
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TECHNICAL MEMBERSHIPS

- The Indian Society of Technical Education, New Delhi
 - Society of Power Engineers, Vadodara
 - Institute of Engineers, New Delhi
 - International Association of Engineers
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TECHNICAL PUBLICATION

- "Future Source of Electrical Power Generation in India: Wind Power" National Conference on Emerging vistas of Technology in 21th Century(NCEVT-09) sponsored by ISTE,AICTE, IETE,IEEE Sept-2009.
- "An Analysis of Transformer Winding Connections in Distributed Generation System" National Conference on Emerging vistas of Technology in 21th Century(NCEVT-09) sponsored by ISTE,AICTE, IETE,IEEE Sept-2009.
- "Fuel Cell - The Green Power House" National Conference on Emerging Technologies & Applications-JAIPUR (ETA-2010) February-2010
- "Design & Analysis Methodology for Power Transformer: A Novel Concept"; National Conference on Emerging Technologies & Applications-JAIPUR (ETA-2010) February-2010

- “New concept for Design & Analysis of Switch Reluctance Motor " National Research Link Journal (Issue-42(A); Vol-VI; pp-175-178; ISSN-0973-1628; Dec-09)

TRAINING UNDERTAKEN

- Short term training program on “Pedagogy” sponsored by AICTE/ISTE and conducted by BBIT, V V Nagar (Duration: 2 Weeks)
- Short Term Training Program on “Power System Operations” sponsored by ISTE and conducted by CIT, Changa (Duration: 3 Days)
- A national level seminar on “Efficient Use of Electrical Energy” sponsored by AICTE and conducted by Atmiya Institute of Technology and Science, Rajkot.
- A faculty development program on “Personal Growth Laboratory” sponsored by ISTE and conducted by CIT, Changa (Duration: 3 Days)
- Short term training program on “Emerging Techniques in Power System Operation & Control” sponsored by AICTE and conducted by National Institute of Technology-Hamirpur, HP (Duration: 1 Week)
- A workshop on “Power system analysis software” sponsored by AICTE and conducted by Sardar Vallabhbhai Patel National Institute of Technology-Surat (Duration: 3 Days)
- A workshop on “Condition and residual life assessment of power plant equipment.: organized by Electrical Research & Development Association (ERDA), Vadodara (Duration: 2 Days)
- Short term training program on “Power system operation & control: Recent trends & future challenges.” sponsored by AICTE and conducted by Indian Institute of Technology-Kanpur, (Duration: 1 Week)
- A workshop on “Energy Conservation Awareness” sponsored and conducted by Gujarat Energy Development Agency. (Duration: 1 Day)

EDUCATION

Ph.D.[Pursuing], Electrical Power System, Charotar University of Science & Technology, Changa

M.E., Electrical Power System, Sardar Patel University, VallabhVidyanagar – 2004

B.E., Electrical Engineering, Gujarat University, Ahmedabad - 1999

D.E., Electrical Engineering, Technical Education Board, Gandhinagar - 1996

PERSONAL PERTICULARS

Date of Birth: January 29, 1976;

Languages Known: English, Gujarati, and Hindi;

High proficiency Level in English, both verbal and written;

No regional influence on ascent, tone or diction;

Well composed even in adverse condition;

Good at adapting business discipline;

Believer of HRD oriented Leadership styles;

Good at imparting on the job Training;

Good Soft skill Trainer;

Good Analytical skills, Self-learner;

High energy and Confidence levels;

Good Interpersonal skills;

Handle the responsibilities independently;

Non Hypertensive, Non Diabetic;

No other contagious disease;

Decent manners, Cool and Balanced behavior.