

Bio-Data

Name : Jodhbir Singh
Father's Name : S. Kuldev Singh
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Designation : Lecturer Electrical Engineering
Department : Applied Sciences
Qualification : B. Tech. (Electrical Engg.), M. Tech. (Power Engg.)

Experience				
S.No.	From	Till	Name and Address of Organisation	Designation
1	July 28, 2009	Till date	MIMIT, Malout	Lecture Electrical Engg.
2	June 24, 2008	July 27, 2009	Govt. Polytechnic College Amritsar	Lecture Electrical Engg
3	Sept 5 , 2002	June 23,2008	G.T.B.K.I.E.T Chhapianwali Malout	Lecture Electrical Engg.
Papers Presented/Published				
S.No.	Title	Year	Venue/ Journal	
1	“Effect of transposition on transmission line”	2003	Azzaro 2 nd National Level Technical Symposium at Haryana Engineering College, Jagadhri	
2	“Effect of Transposition on 345 KV Two-ACSR Bundle Conductors Transmission Line”	2003.	Proceeding of the National Symposium on Emerging Technologies for Efficiency Improvement in Energy Sector (ETEIES-03) at Sant Longowal Inst. of Engg. and Tech., Longowal, Punjab (pp 23-27)	
3	“Modeling of Transposed Power Lines:	2004	Proceeding of the National Conference on Trends In Instrumentation and Control Engineering (TICE ó 04) Feb 5 th & 6 th , at Thaper Inst. of Engg. & Tech., Patiala. Punjab. (pp 497- 503)	
4	“Non Linear Dynamic Control Systems”	2004	Proceeding of the National Conference on Trends In Instrumentation and Control Engineering (TICE ó 04) Feb 5 th & 6 th , at Thaper Inst. of Engg. & Tech., Patiala. Punjab. (pp 3- 10)	
5	“SCADA SYSTEM: An Effective Approach For Energy Management System (EMS)”	2004.	Proceeding of the National Conference on Energy Management at NITTR Chandigarh	

6	“Optimal Transposition For Minimizing Electromagnetic Unbalances of Over Head EHV lines”	2004	Proceeding of All India Seminar on Trends in Electrical Engg. Organized by The Institution of Engineers India held at G.T.B.Kh. Inst. of Engg. & Tech. Chhapian Wali Malout (Pb)
7	“Frequency-dependent Impedance Formulation of Overhead Power Lines”	2004	Proceeding of All India Seminar on Trends in Electrical Engg. Organized by The Institution of Engineers India held at G.T.B.Kh. Inst. of Engg. & Tech. Chhapian Wali Malout (Pb)
8	“A Review of Overhead Conductor Impedance Formulation for Frequency-dependent Conditions Using Bessel Functions”	2004	Accepted for National Conference Trends of Computational Techniques in Engineering Oct. 15-16at Central Institute of Engineering & Technology (SLIET) Longowal.
9	“Introduction to Modeling and Simulation Practice”	2005	Presented at 8 th Punjab Science Congress on -Science and Technology: Excellence and Accountabilityøheld on Feb 7-9, under the auspices of Punjab Academy of Sciences at Punjabi University Patiala India(pp 137)
10	“Requirements of Reactive Power Compensation & Use of FACTS Devices”	2005	Proceeding of IEE Sponsored National Conference on -Power Engineering Practices & Energy Managementø (PEPEMø05) at Thaper Inst. of Engg. & Tech. Patiala, India. (pp 302- 305)
11	“Applied Mathematics For Electrical Power System Operation”	2005	Presented at National Conference on Applications of Mathematics in Engineering & Technology and 7 th Annual Conference of ISITA at Malout Inst. of Management & Information Technology (MIMIT) Malout
12	“ Role of Mathematical Modelling and Differential Equations in Electronics and Communication”	2005	Presented at National Conference on Applications of Mathematics in Engineering & Technology and 7 th Annual Conference of ISITA at Malout Inst. of Management & Information Technology (MIMIT) Malout
13	“Modelling & Simulation for Engineering Pratices & Project Undertaking”	2006	National Conference on advancement in Modelling & SimulationatLLRIET Moga(Punjab),230-236

QUALITY IMPROVE / CONTINUED EDUCATION PROGRAMMES

- a) Attended short term course on "DCS and SCADA in Industrial Automation" at NITTTR, Chandigarh from 12.01.2004 to 16.01.2004 (One week)
- b) Attended CEP workshop on "Recent Trends in FACTS Technology" at IIT Delhi held from 30th April to 1st May 2004.
- c) Attended short term programme on "Strategic Leadership & Envisioning" at NITTTR, Chandigarh from 21.09.2005 to 23.09.2005.

EXTENSION LECTURES / TALK

- a) Extension lecture on "**Unified Power Flow Controller**" (UPFC) during AICTE sponsored STTP on "Concepts & Technology of FACTS" [Dec 20- 31 2004] held at Guru Nanak Dev Engg. College Ludhiana. PB.
- b) Talk on "Vision 2020: **Reaching the Unreached & communication Marvels**" on the occasion of World communication Day on 17th May, 2005 under the banner of IE (I).

MEMBERSHIPS OF PROFESSIONAL BODIES

- (a) Life Member of Indian Society for Technical Education.
- (b) Associate to The Institution of Engineers (I)