

## CURRICULUM VITAE

**Name** : Dr. Archana Singh

**Date of Birth** : 01-01-78

**Contact no.** : +91-9721456047

**Present Post and Pay band:** Assistant Professor: 15600-39100+8000A.G.P.

**Academic Qualification** :

<b>Examination</b>	<b>Institute</b>	<b>Board/ University</b>	<b>Subject(s)/ Specialization</b>	<b>Division/ Percentage</b>	<b>Year</b>
<b>High School</b>	K.U.G.H. School, Kanpur	U.P. Board, Kanpur	Science Group	77%	1992
<b>Intermediate</b>	St. Anthony Girls Inter College, Allahabad	U.P. Board, Allahabad	Science Group	70.8%	1994
<b>B.E.</b>	M.N.N.I.T., Allahabad	Allahabad University	Electrical Engg.	80.3%	2000
<b>Ph.D.</b>	A.K.T.U., Lucknow	A.K.T.U., Lucknow	Power System Restructuring		2016

**Employment details** :

<b>Name of Employer</b>	<b>Date of Joining</b>	<b>Date of leaving</b>	<b>Position &amp; Scale</b>	<b>Nature of duties</b>
Tata Technologies(India)Ltd., Pune	30-06-2000	08-04-2003	System Software Developer	Software development
HBTI, Kanpur	10-04-2003	Working	Assistant Professor	Academic

## **Publications:**

### **International Journals**

1. **Archana Singh**, P. K. Kalra, D. S. Chauhan, "A Novel Procurement Market Model Approach of Reactive Power in Deregulated Electricity Market", International Journal of Recent Trends in Engineering, Academy Publisher, Finland, vol. 2, no.1, pg362-366, Nov. 2009.
2. **Archana Singh**, D. S. Chauhan, KG.Upadhyay, "Design of Reactive Power Procurement Model in deregulated Electricity Market" ,International Journal of Engineering ,Science & Technology ,vol.3,no.1,pg-107-119,Nov-2011.
3. **Archana Singh**, Prof. D.S. Chauhan, "Electricity Sector Restructuring Experience of Different Countries", International Journal of Scientific and Engineering Research,(IJSER), vol. 2, no.4, March, 2011.
4. **Archana Singh**, Prof. D.S.Chauhan," Effect of Reactive Power Valuation of generators in deregulated electricity market", International journal of Electrical engineering and Technology,vol3.,no1,January-2012.
5. **Archana Singh**, P.K. Kalra, D.S. Chauhan, K.G. Upadhyay, "Effect of Power Exchange in India: An Overview and Key issues", Journal of Institution of Engineers (India):Series B,vol.94,issue 3,pp207-214,September-2013.

### **International & National Conference**

1. **Archana Singh**, P. K. Kalra, D. S. Chauhan, "New Approach of Procurement Market Model for Reactive Power in Deregulated Electricity Market", presented in Third International Conference on Power System (ICPS-09) at IIT, Kharagpur, Dec 27-29, 2009.
2. **Archana Singh**, M. Shukla, "A Procurement Market Model for Reactive Power in the Electricity Sector", Proceedings of National Seminar -NCERU'09, KNIT Sultanpur, feb27-28, 2009.
3. **Archana Singh**, K.G.Upadhyay, "Electricity sector reform with recent inclusion of Power Exchange in India",Proceeding of National Seminar(EPTMITA) - ,MMMTU,Gorakhpur,September23-24,2016.

### **Book Publication:**

- **Electrical Engg. Material** as coauthor with **Tata McGraw Hill Education Private Ltd.** in 2012 with ISBN no.978-1-25-900620-3

**Technical presentation/coordination:**

1. Delivered expert lecture in “Recent Advances in Electrical Engg.(RAEE) during 3-8June,2013 in H.B.T.I., Kanpur.
2. Worked as Joint Controller in “Recent Advances in Electrical Engg.(RAEE) during 3-8June,2013 in H.B.T.I., Kanpur.
3. Worked as organizing committee member in 2days workshop on “Matlab Programming” held during 5-6 April, 2014 in H.B.T.I., Kanpur.
4. Worked as organizing committee member in National seminar on “Advances in Power Electronics and Control” on 16August, 2013.

**Paper Review:**

Reviewed papers of International Journal of Engineering Science & Technology (IJEST) and International journal of Engineering Technology and Policy (IJETP).

**Membership:**

- Life time member of Indian Society for Technical Education (ISTE)
- Associate member of Institution of Engineers(IE).

**Administrative /Academic Development/Extra-curricular activities:**

1. Working as Hostel warden since 2003 till date.
2. Worked as acting head of deptt. as assigned in vacation .
3. Member of Proctorial Board for more than two years in HBTI, Kanpur.
4. Worked as committee member in various committees in Sports meet.
5. Worked as member of Department Purchase committee in EED for more than 6years.
6. Worked as Assistant Superintendent in Exam cell at HBTI, Kanpur.
7. Worked as committee member in anti-ragging committee.
8. Working as member of Board of Studies at HBTI, Kanpur and IET, Lucknow.
9. Worked as paper setter for the courses taught at H.B.T.I. and other Universities.
10. Worked as External practical examiner in various colleges.
11. Worked as member of Photography Club.
12. Worked as Judge of various Students’ cultural activities.

**Teaching Experience:**

- Taught subjects at U.G. level Electrical Engg., Basic System Analysis, Network Analysis & Synthesis, Electrical & Electronic Engg. Materials, Control System etc.
- Taught Electrical Engg. and other subjects in Dr.BRAECIT, Bijnor during Academic Session:2010-11 &2011-12.

Dr. Archana Singh

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