

CURRICULUM VITAE



Name : Dr. Archana Singh

Date of Birth : 01-01-78

Present Post and Pay band: Associate Professor: 37400-67000+9000A.G.P.(As on dt.10/04/2017)

Phone no :+91-7081300642

Academic Qualification :

Examination	Institute	Board/ University	Subject(s)/ Specialization	Division/ Percentage	Year
High School	K.U.G.H. School, Kanpur	U.P. Board, Kanpur	Science Group	77%	1992
Intermediate	St. Anthony Girls Inter College, Allahabad	U.P. Board, Allahabad	Science Group	70.8%	1994
B.E.	M.N.N.I.T., Allahabad	Allahabad University	Electrical Engg.	80.3%	2000
Ph.D.	U.P.T.U., Lucknow	A.K.T.U., Lucknow	Power System Restructuring		2015

Employment details :

Name of Employer	Date of Joining	Date of leaving	Position & Scale	Nature of duties
Tata Technologies(India)Ltd., Pune	30-06-2000	08-04-2003	System Software Developer	Software development
HBTU, Kanpur	10-04-2003	09-04-2017	Assistant Professor	Academic
HBTU, Kanpur	10-04-2017	working	Associate Professor	Academic

Publications: Dr. Archana Singh, Assoc.Prof., Electrical Engg., H.B.T.U., Kanpur

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. (ISSN : 1797-9617, Indexed Journal)
2. **Archana Singh**, D. S. Chauhan, K.G.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. (ISSN : 2142-2839, Online, 2141-2820 Print, Pear reviewed indexed)
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. (ISSN : 2229-5518, indexed)
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. (ISSN : print-0976-6545, ISSN Online 0976-6553 Pear reviewed indexed)
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. (ISSN : 2250-2130{ET Version} Pear reviewed indexed)
6. **Archana Singh**, K.G. Upadhyay "Impact of Electricity Trading through Power Exchange of India", International Journal of Recent Technology and Engineering, vol. 5 no. 5, Nov. 2016 (ISSN : 2277-3878 {online})
7. Preeti Singh, **Archana Singh**, Ankit Srivastava, "Review and utility of various Facts Devices in Transmission System", International Journal of Current Research, vol. 9, Issue 5, pg49836-49841, May - 2017. (ISSN : 0975-833X, Impact Factor : 7.617)

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.
4. Devendra K. Pandey, **Archana Singh**, "Improved Performance of the switched Inductor Quasi Z Source", Proceeding of International Conference ICIIS-2016 at IIT Roorkee, 3-4 Dec. 2016
5. Anjani Kumar, **Archana Singh** ,Vimlesh Patel, S.Shukla, R.K.Shukla, "Structural and Dielectric analysis of Aluminium Nitride Nano-crystalline Materials", Proceeding of International Conference,27-29March,2017,HBTU,Kanpur.
6. A. Srivastava,**Archana Singh**,S.K.Suman and P singh,"Analysis of Grid connected Hybrid PV/Wind Renewable Power Generation System,"2018 ,5th IEEE U.P. Section International Conference on Electrical,Electronic and Computer Engg(UPCON),Gorakhpur,India,2018,p.p.1-5,doi:10.1109/UPCON-2018.8597130.

Book Publication:

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

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).

Teaching Experience:

- Taught subjects at U.G. level Electrical Engg., Basic System Analysis, Network Analysis & Synthesis, Electrical & Electronic Engg. Materials, Control System EHVAC&DC etc.

Technical presentation/coordination:

1. Delivered expert lecture in “Recent Advances in Electrical Engg.(RAEE) during 3-8June,2013 in H.B.T.I., Kanpur titled topic as "Power System Restructuring with recent inclusion of Power Exchange in India".
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.
5. Worked as org. committee member in two days workshop on "Matlab Programming and its applications"(TEQIP sponsored),Feb25-26,2015 organized by EE, HBTI, Kanpur.
6. Worked as org. committee member in "Simulation Techniques of Power Electronics Converters(STPEC)" held during Feb27-March04,2017.
7. Worked as activity coordinator in Induction Program from 15-21Jan'18 for students learning improvement under TEQIP-III with Prof. Rachna Asthana coordinator & Prof. R. N. Tripathi, Mentor, Math Deptt..

Short Term Courses attended: 20

Administrative /Academic Development/Extra-curricular activities:

1. Worked as Hostel warden from 2003 to 2018.
2. Worked as acting head of deptt. as assigned by competent authority .
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. Worked 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.
- 13- Working as Sectary of USAC HBTU Since 26-08-2017 With Letter no-682/adm/GA/Dean -vibha/p/niukti/17 registrar office till 07/10/16
- 14- Working as Yoga Conveners Since 2016(24/10/16)
- 15- Worked as Time Table deputy Coordinators along with Prof. Ram Avtar, Math deptt. with letter no. 408/HBTU/adm/OTTSC/18 dtt 13 July 2018
- 16- Worked in pre Screening of application of A.P. with letter no 328/vi.a. /2018 at 20/04/2018
- 17- Worked as committee member for Ph.D. Candidate Selection along with Prof. Sunil kr., Prof. Y. Singh and Dr. A.K. Shankhwar with letter no. 239 (UI)/adm/2018 dt 14 July 2018.
18. Worked as committee member for Ph.D. Candidate Selection along with Prof. Y. Singh ,Dr. A.K. Shankhwar and Prof. Sunil Kumar as Chairman with letter no.306(UII)/acad./2019 dt12July,2019.
19. Reviewed one paper and got certificate for session chair of Paper presentation in International Conference on Defense and Space Technologies,ICDST-19 at IET Lucknow during 23-25Aug,2019.
20. Worked as committee member in Fresher function and Foundation day on 1Sep'19.

Dr. Archana Singh
Associate Professor
EE Deptt.,H.B.T.U, Kanpur