**SUPRIYA AWASTHI**

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**OBJECTIVE**

To work in a team which offers highly creative and challenging environment, encouraging new ideas, and providing a very good avenue for individual excellence and team effort.

**JOB EXPERIENCE**

# Atharva College Of Engineering, Mumbai

**Duration:** July’13 to Jun’16 and July’17 to April’18

**Position:** Asst Professor

**VJTI, Matunga, Mumbai Duration:** Aug’12 to May’13 **Position:** Lecturer

# Swami Keshwanand Institute of Technology Management and Gramothan (SKIT), Jaipur

**Duration**: June’11 to Jan’12 **Position:** Senior Lecturer

**Chhabra Thermal Power Project, Chhabra (RRVUNL) Duration:** July’10 to May’11

**Position:** Junior Engineer -1

**Reporting to**: Chief Engineer, CTPP Chhabra

**Jaipur Engineering College, Kukas (Jaipur) Duration:** Jul’06 to May’07

**Position:** Lecturer

# Swami Keshwanand Institute of Technology Management and Gramothan (SKIT), Jaipur

**Duration**: July’09 to July’10

**Position:** Lecturer

**ACADEMIC BACKGROUND**

**2007-09: MTech** (Power System) From MNIT, Jaipur with **8.73 (CGPA).**

**2003-06: B.E.** (Electrical Engineering) From University of Rajasthan, Jaipur with

# 78.75 % (Honors).

**2002-03: 12th** Board of Sec. Education, Ajmer (Rajasthan) with 63.85 %

**1999-00: 10th** Board of Sec. Education, Ajmer (Rajasthan) with 66.50 %

**SPECIAL ACHIVMENTS:**

* + Life Member of ISTE, Indian Society or Technical Education-2015
  + Qualified GATE-2006 with Score-355.
  + Coordinator in core organizing committee for international conference ICIATE- 18 in Atharva college of Engineering, Mumbai
  + Journal-3, IEEE Conference-1, National conference-4, short term course-3,FDP-3
  + Paper published entitled – “Impact of capacitor bank and OLTC operation on energy saving” in IEEE international conference CIPECH 2016, PP-116-119 on 18-19th Nov’16.
  + Paper published entitled “Power loss minimization in radial distribution system using network reconfiguration and multiple DG units” in European journal of scientific research. ISSN 1450-216X/1450-202X Vol. 148 No 4 March’2018, PP 474-483.
  + Paper published entitled “Microcontroller base power theft detection, power factor calculation & energy saving “in IJSRD & NECTAA, Jan 2016, ISSN: 2321- 0613
  + Paper published entitled “Power factor improvement of LED by using Buck-Boost convertor for residential load” in international conference on ICIATE in collaboration with IOSR journal. PP – 74-79in March’18.
  + Paper Presented entitled “Design of dual speed Induction Motor” in National Conference on “Technological Advancement and Automation in Engineering” in participation with IJSRD on 28-29th Jan 2016.
  + Participated 5 days FDP – “Smart grid enabling technologies for sustainable future -2023” 13-17th March’23 at SKIT Jaipur.
  + Participated in One week TEQIP-3 online FDP on “Recent advances on power electronics drive and renewable energy” organized by RTU from 15-19th Spt’20.
  + Participated FDP at SKIT Jaipur in Aug-2009.
  + Participated One day workshop on **RENEWABLE TECHNOLOGIES FOR ELECTRICITY GENERATION** organised by Atharwa college of Engineering, Mumbai, on 28th Aug 2015
  + Completed course **ET601Tx: Educational Technology for Engineering Teachers** offered by IITBombayX from 7th Jan to 7th March, 2016
  + Participated Two Week ISTE workshop on **Signal & Systems** Conducted by IIT Kharagpur from 2nd to 12th Jan, 2014, **this workshop was held under the National Mission on Education through ICT (MHRD)**
  + Attended two day’s workshop on **“Nonlinear Dynamical Systems: Modeling and Analysis”** held on 27th & 28th May’13 at VJTI, Mumbai.
  + Attended One Week Short Term Course on “**Power System Restructuring**

**and Electricity Markets”** at Malaviya National Institute of Technology Jaipur,

during December 19-23, 2011 in Department of Electrical Engineering. (Appreciated with Certificate).

* + Paper presented entitled “**Comparison of steady state performance of DVR**

**& D-STATCOM to improve voltage sag in distribution system**” in All India Seminar on Power Electronics Application to Power Systems (PEAPS) Nov-19 & 20th 2011 in Dept of Electrical, Swami Keshwanand Institute of Technology M&G, Jaipur, coordinated with The Institution of Engineers (India) Rajasthan State Center, Jaipur (Appreciated with Certificate).

* + Paper presented entitled “**Understanding Operation of OLTC & Shunt Capacitor Bank for Transmission Loss Reduction**” in National Conference on Recent Trends in Power Systems (**RTPS) MAY 14, 2011** in Dept of Electrical, Swami Keshwanand Institute of Technology M&G, Jaipur (Appreciated with Certificate).
  + Paper presented entitled “**Combination of Network Reconfiguration and capacitor placement for Loss Reduction in Distribution System with PSO**” in National Conference on recent Developments in Engineering Mathematics & information Technology in Dept of Mathematics, Poornima College Of Engineering (PCE),Jaipur (Appreciated with Certificate).
  + Paper Presented **SRIGAN-2005** National Inter College Software Development Contest Cum Seminar On **Fuzzy Logic Controller Of a Solar Power Plant** (Appreciated With Certificate)
  + Attended the **RIET-MNES** seminar on “**Biomass Gasifier Technology for Decentralized Power Generation”** conducted at RIET , Jaipur on Oct, 2005. (Appreciated With Certificate)

**PROFESSIONAL TRAINING ATTENDED**

* 30 Days industrial training at Kota Super Thermal Power Station (K.S.T.P.S), Kota. Project on Study about “**Generation of Electrical Power”** by Coal and Steam. Detailed Study About Thermal Plant, Boilers, Turbines etc.
* 45 Days training at **400KV Grid Sub-Station RRVPNL, Heerapura, Jaipur (Raj.)**

Project on study about **“Transmission and Distribution”** of Electrical power to consumers. Knowledge about EHV Power Transformer, Microprocessor based Oil- Testing Lab, Transformer Repair Shop, Control Panel, and Protective Relays.

**PROJECT UNDERTAKEN**

# Master’s thesis

* **Impact of OLTC and shunt Capacitor Bank on Energy Saving and other Technical Parameters**–

In this with help of Load Flow analysis, impact of shunt capacitor and OLTC on Reactive power management and energy saving, and other technical parameters has been analyzed which includes a Different Case Studies of changing Bus voltage and load on 132/33 kv GSS and on 132/33 kv CHAMBAL GSS of Jaipur City circle.