



**Name:** Ms. Shilpi Gupta

**Highest Qualification:** M.Tech.

**Designation:** Assistant Professor

**Department:** Electronics Engineering

**Date of Birth:** 06/01/1980

**Date of Joining:** 31/8/2007

**Contact Nos.:** 0261- 2201739; 09824020030

**E-mail:** [sgupta@eced.svnit.ac.in](mailto:sgupta@eced.svnit.ac.in)

**Recent Courses Taught:** Microprocessor System and Applications, Analog & Digital Communication, Introduction to Nanodevices, Microcontrollers, Advanced Microprocessors

**Research Areas:** Wireless Communication

## Research Publications:

### National Conferences:

1. Shilpi Gupta, "Performance of Soft and Hard Handoff in Transmit Diversity system", Proceedings of National Conference On Technological innovations, (NCTI), pp. 272-276, 2008.
2. Jigisha N. Patel, Shilpi Gupta, J.N. Sarvaiya, "Comparison of MIMO Channel Capacity with various wireless channel models", Proceedings of National Conference On Technological innovations, (NCTI), pp. 262- 264, 2008.
3. Shilpi Gupta, "Nanoscience and Nanotechnologies: Its Potential Developments", National Conference ASTECS-2009, Lingaya's University, Faridabad, PP.123- 126.
4. Shilpi Gupta, "MEMS: What , Where & Why", National Conference ASTECS-2009, Lingaya's University, Faridabad, PP.105-109.

### STTPs/Conferences Organized:

One Week Summer School on Nanotechnology And Applications, 13-17 July, 2009

### QIP/ AICTE/ Schools/ Workshops/Conferences Attended:

1. Short Term Course on "**VLSI and Embedded System**" CITD, Hyderabad from 17/12/2007- 22/12/2007
2. **Induction Training Programme** organized at SVNIT, Surat from 18/01/2008- 20/01/2008.
3. A Training Programme on "**Pedagogy & Research Methodology**", organized at SVNIT, Surat from 12/05/2008- 17/05/2008.
4. Faculty Development Programme on "**Wireless and Mobile communication**", AICTE, New Delhi organized at MNNIT, Allahabad from 30/06/2008 - 12/07/2008.
5. Faculty Induction Programme on "**Finishing School Programme**", MHRD, New Delhi, organized at Computer Engineering Department, SVNIT, Surat, from 15/12/2008-19/12/2008.
6. STTP on "**Advanced Engineering Optimization Through Intelligent Techniques**", AICTE, New Delhi organized at Mechanical Engg. Deptt., SVNIT, Surat from 22/12/2008-26/12/2008.
7. STTP on Nanotechnology: A Sustainable Alternative to Environment, AICTE, New Delhi organized at Chemical Engg. Deptt.,

SVNIT, Surat from 19/01/2009-23/01/2009.

**Administrative Responsibilities;**

1. Associate Hostel Warden (Hostel NO: H11)
2. Faculty Advisor for B. Tech. III Year (EC)
3. Project Exam Co- Coordinator

**Extra- Curricular Activities:** LifeTime Membership of **IETE, IJERIA.**