



**MANISHA GUPTA**

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**Contact No: +91-8126157260**

**Career Objective:**

To initiate and develop my professional career in education sectors by my endeavor after settled my family at stage, where I can comfortably manage dual role of professional career and family simultaneously. Also, I would contribute dedicatedly in common objects of the organization, through my best knowledge, professional qualification, endless efforts, and continuous dedication.

**Experience:**

- Working as an Assistant Professor in WIT-Uttarakhand Technical University Dehradun from Oct-2013.
- Worked as an Assistant Professor in University of Petroleum and Energy Studies from July2012-2013.
- Conducted coaching classes of math and physics for class XI,XII and basic electronics circuit theory signal and system, digital signal processing for B.Tech (electronics) from 2000 to 2009

**Educational Qualifications:**

<b>Examination</b>	<b>Discipline/Specialization</b>	<b>Institute/College</b>	<b>Year</b>	<b>%</b>
<b>P.hd</b>	<b>Image Processing</b>	<b>UPES, Dehradun</b>	<b>Pursuing</b>	
<b>M.Tech</b>	<b>Communication system</b>	<b>Graphic Era University Dehradun</b>	<b>2012</b>	<b>77%</b>
<b>B.Tech</b>	<b>Electronics &amp; Telecommunication Engineering</b>	<b>IETE, Delhi</b>	<b>(2001)</b>	<b>61%</b>

Diploma	Electronics Engineering	Government Girls Poly Technique, Lucknow. (UP BTE)	1996	79%
XII	Physics, Chemistry & Math	Navyug Kanya Inter Collage, Lucknow- (UP Board)	1992	67%
X	All general subjects	Government Girls Inter Collage, Bareilly, (UP BOARD)	1989	65%

#### **Computer Proficiency:**

Operating System	Basic knowledge of Windows 7.
Application (Packages)	MATLAB 2008, VHDL,

#### **Project handed for M.Tech student:**

- Patteren recognition using Rajan Transform
- Design of vision Navigation based Exploration Rover
- Object Recognition based multiterrian security robot

#### **Paper Published :**

- Presented a paper titled ”**Mathematical Morphology based gray scale Image Segmentation using Improved watershed Transform** ” in second international conference on advance in Electronics ,Electrical and computer Engineering EEC-2013,in Dehradun,date22-23 june 2013.

#### **M.Tech project:**

- Delivered a successful project on “**Image Enhancement using MATLAB & VHDL**”

#### **M.Tech Thesis:**

- Delivered a successful thesis on “**Morphological Gray Scale Image Segmentation using Improved Watershed Transform**” using MATLAB

#### **Seminars: `**

- **Impact of Queue Size under Different Mobility on the Performance of Cellular Wireless Network**

#### **B.Tech project:**

- Delivered a successful project on “**Text ro Speech Conversion using VC++ ver6.0**”

#### **Publications:**

- Manisha Gupta, A. Ansari, Mannika Garg, “Mathematical morphology based gray scale image segmentation using improved watershed transform”. Vol 3: issue3, ISSN: 2250-3749 International Journal of Artificial Intelligence and Neural Network (IJAINN), 2013.

### **Training:**

- 1 month training at “ITI”, Nani, UTRAPRADESH on “ **Telephone Assembling ,Testing, designing and** 15 June 95 to 15 July95.
- 1 year training at “CEERI”, DELHI, on “**software for Text- To- Speech Conversion of Hindi language Using C++ Ver. 6.0**” from 10 Agust 2000 to 10 Agust 2001.

### **Area of interest:**

- Digital signal Processing
- Image signal Processing

### **Co-Curricular Activities:**

- Associate member of IETE, New Delhi.
- Physics faculty in project ABHILASHA (A crash course for AIEEE to scholars of Utrakhand) conducted by University of Petroleum & Energy Studies.
- President of Mathur Vaishya Mahila Mandal Dehradun.
- 2<sup>ND</sup> Winner in” Painting competition” during annual function held in Government Girls Poly Technique Lucknow (GGPL).
- 2<sup>ND</sup> Winner in” salad competition” during annual function held in GGPL Lucknow.

### **Personal Information:**

<b>Father’s Name</b>	<b>Mr. Raj Kumar Gupta – Retd. as GM from UP state Govt.</b>
<b>Mother’s Name</b>	<b>Mrs. Usha Gupta</b>
<b>Husband’s Name</b>	<b>CA Rajiv Gupta - Deputy. Director Finance UPES, Dehradun</b>
<b>Date Of Birth</b>	<b>3<sup>rd</sup> October 1974</b>
<b>Hobbies</b>	<b>Painting, Singing, Cooking</b>
<b>Gender</b>	<b>Female</b>
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**Date: 02/06/2015**

**Place: Dehradun**

**(MANISHA GUPTA)**