**Er. NEELAKSHI GUPTA**

2251/12,Katrashersingh,Noble electroworld,Hall bazaar, Asr.Contact: +91-9914334805, 9815534805.

Email:erneelakshigupta@gmail.com

**OBJECTIVE**:

Seeking a challenging and rewarding opportunity in the organization which is inline with my academic background and which effectively utilizes my analytical and technical skills in the field of Electronics & Communication.

**PROFESSIONAL EXPERIENCE**

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| --- | --- | --- | --- |
| S.No. | Name of organization | Duration | Designation |
| 1 | KCET, Asr | 2-1-2017 to till date | Assistant Prof. |
| 2 | ACET, Asr | 8 yr. (1-8-2008 to 5-09-2016) | Assistant Professor |
| 3 | SSIET, Patti | Jan-2008 to Jul-2008 (06 Months) | Lecturer |

**RESEARCH GUIDANCE:**

M.Tech Thesis Guided: 02

M.Tech Thesis Guiding:04

**EDUCATIONAL CREDENTIALS**

1. **Pursuing Ph.D (ECE) in Chandigarh University**
2. MASTER OF TECHNOLOGY in Wireless Communication 2012 from PTU,Jal.
3. BACHELOR OF TECHNOLOGY, ELECTRONICS & COMMUNICATION 2007 From PTU Jal.
4. XII 2003 PSEB
5. X 2001 PSEB

**ACADEMIC ACHIEVEMENTS:**

1. Got highest appreciation in the subject Digital Communication System.
2. Got highest appreciation in the subject Electronic Devices & Circuits.
3. Got highest appreciation in the subject Pulse Wave Shaping &Switching.
4. Got highest appreciation in the subject Electromagnetics & Antennas.

**KEY RESPONSIBILITIES HANDLED:**

1. Admission Coordinator in June 2015 and June 2016
2. Worked for National and International Conference organized by Department in the year 2012 and 2014
3. Worked for the NBA Certification for the Department in the year 2008 and 2016.
4. Worked for the NAAC Certification for the Department in the year 2010.
5. Worked for the Autonomous Certification for the Department in the year 2013.
6. Member of PACS Society – A Cultural Society.
7. Worked as Website Updation & Intranet Coordinator from the Department.
8. Worked as Class incharge number of times in the ECE department.
9. Worked as Spick& span Co-ordinator.
10. Worked as NSS Co-ordinator.
11. Worked as Staff Club Incharge.
12. Organized various events in National Level; Tech Fest “Prayas”.
13. Event coordinator in 4th Annual athletic Meet held on 3-4 March 2014.

**SUBJECTS TAUGHT:**

1. Neural Network & Fuzzy Logic [Post-Graduation]
2. Electromagnetics and Antenna Theory[Graduation]
3. Electronic Devices & Circuits[Graduation]
4. Analog Electronics[Graduation]
5. Pulse Wave Shapping and Switching [Graduation]
6. Digital Logic Circuit and Design[Graduation]
7. Digital Communication System [Graduation]
8. Signal & System[Graduation]
9. Optical Fiber Communication [Graduation]

**LIST OF PUBLICATIONS:**

1. Tejinder Kaur, **Neelakshi Gupta** “Classification of Lung Diseases using Particle Swarm Optimization”*International Journal of Advanced Research in Electronics and Communication Engineering (IJARECE) Volume 4, Issue 9, September 2015*
2. Tejinder Kaur, **Neelakshi Gupta** “A New Algorithm For Classification Of Lung Diseases” in International Journal Of Advances In Electronics And Computer Science, ISSN: 2393-2835 Volume-2, Issue-9, Sept.-2015
3. Tejinder Kaur, **Neelakshi Gupta** “Classification of Lung Diseases using Optimization Techniques” in *IJSRD - International Journal for Scientific Research & Development| Vol. 3, Issue 08, 2015 | ISSN (online): 2321-0613* 852
4. Tejinder Kaur, **Neelakshi Gupta**“Feature Selection and Classification of Lung Ct Images Using Hybrid Genetic Algorithm and Particle Swarm Optimization “ in International Journal of Advanced Research in

Computer Science and Software EngineeringVolume 5, Issue 8, August 2015

1. Ina Singh **Neelakshi Gupta** “Optimized Liver Segmentation using Ant Colony Optimization” in *International Journal of Advanced Research in Electronics and Communication Engineering (IJARECE) Volume 4, Issue 9, September 2015*
2. Ina Singh **Neelakshi Gupta**“An Improved K-Means Clustering Method for Liver Segmentation” in International Journal of Engineering Research & Technology (IJERT) ISSN: 2278-0181Vol. 4 Issue 12, December-2015
3. Ina Singh **Neelakshi Gupta** “Segmentation of Liver using Hybrid K-means Clustering and Level Set” in International Journal of Advanced Research in Computer Science and Software Engineering Volume 5, Issue 8, August 2015
4. **Neelakshi Gupta**,” A new algorithm for classification of Lung Diseases” at International Conference on Electrical , Electronics and Computer Engineering held at Pune on 26thJuly 2015
5. **Neelakshi Gupta** ,”Liver Segmentation using ACO K-Means Clustering and level Sets”at International Conference on Electrical , Electronics and Computer Engineering held at Pune on 26thJuly 2015
6. **Neelakshi Gupta**, Deep Kamal Kaur Randhawa and NeetikaSoni,” Role of Carbon Nano Tube based Electronic Devices in communication Systems” in International Conference on ICETEC-2013 at GNDU on 20-22 December 2013;pp 93-97
7. **Neelakshi Gupta**, Deep Kamal Kaur Randhawa and NeetikaSoni“A Review on Graphene Field Effect Models” in International Conference on ICETEC-2013 at GNDU on 20-22 December 2013;pp 89-92.
8. **Neelakshi Gupta** ,” Image enhancement: Enhancement in frequency domain” in National Conference on Research & Innovation in Engineering &Technolgy( RIET-12) August 17-18, 2012; pp 88-92, ACET, Amritsar Punjab
9. Dr. Amarpal Singh, Sanjeev Kumar and **Neelakshi Gupta**, “*Queue Length and Radio State MAC Layer Analysis of Host to Host Network based on WLAN IEEE 802.11”*, International Journal of Computer Applications (IJCA) vol31 No. 2 pp 9-13, October 2011.
10. Dr. Amarpal Singh, Sanjeev Kumar and **Neelakshi Gupta**,*“Parametric Performance Analyis Of The Distributed Coordination Functions Of An IEEE 802.11 Wireless LAN”,s”*, International Journal of Network and Mobile Technologies vol 21 No 2 pp 13-17,Dec 2011
11. Sanjeev Kumar, **Neelakshi Gupta**, Rajiv Mahajan “Orthogonal Frequency Division Multiplexing :Future Long Haul optical Communication System” in National Conference on Information Security and networks 19-20 June 2009, pp 252 at ChitkaraInstitute of Engg&Technology, Rajpura,Punjab

**WORKSHOPS/SEMINARS/FDP ATTENDED**:

1. A National level workshop on “Recent Trends in Networking” on 19th March 2012 at ACET, Amritsar.
2. A National level workshop on “Latest Development in Networking Technologies” on 11 June 2010 at ACET, Amritsar.
3. FDP attended on “Numerical & Computational Techniques in Engineering” from July 8-12,2013 at ACET, Amritsar.
4. Attended Faculty development Workshop which was conducted by TRINITi- Center of learning on 18th and 19th Jan 2013, at ACET, Amritsar.
5. Attended one day National Seminar on the topic of “Six Sigma: Introduction & Applications” held at ACET, Asr on Jan 24, 2014.

**PERSONAL DETAILS**

**DOB**: 21st June 1985

**Father’s Name**: Sh. Parsoon Kumar Gupta

**Permanent Address**: 2251/12,KatraSher Singh,Noble Electroworld,Hall Bazaar, Asr.Contact: +91-9914334805

**Languages Known**: English, Hindi, and Punjabi