

## **CURRICULUM VITAE**

### **A. Personal Information:**

1. Name : Shaveta Gupta
2. Parentage : Sh. V. R Gupta
3. Permanent Address: H No.17, Lane no. 03, Anand Vihar, Bohri, Jammu (J&K) 180002.
4. Present Address : BC-007, Staff Quarters, BGSBU, Rajouri.
5. Email ID : shaveta@bgsbu.ac.in
6. Mob. No. : 7889492513

**B. Current Position** : Lecturer in Department of ECE, SoET, BGSBU

### **C. Academic Record**

S. No.	Exam. Passed	Board / University	Year of passing	Percentage of Marks	Division	Subject Offered
01	B.E.	Jammu University	2003	68.8	First	Electronics & Communication Engineering
02	M Tech	Baddi University	2015	91.2	Distinction	Electronics & Communication Engineering

### **D. Research Experience**

1. Worked as Project Assistant in IIIM Jammu under project APEDA from 22 Feb 2005 -21 Feb 2010.
2. Worked as trainee in NATIONAL REFERRAL LABORATORY, Pune from 19-21, OCT 2005.
3. Planned and designed the work of Quality Control & Quality Assurance (QC&QA) lab of LC-MS/MS, HPLC, GC, GC-MS/MS, AAS and ICPMS.

### **E. List of Publications**

#### **Full papers in peer reviewed journals**

#### **Journals:**

1. **Gupta S** and Bhatia V "GMMC: Gaussian Mixture Model Based Clustering Hierarchy Protocol in Wireless Sensor Network" *International Journal of Scientific Engineering and Research (IJSER) ISSN (Online): 2347-3878* Volume 3, Issue 7, pp-44-49, July 2015.
2. **Gupta S** and Bhatia V "A Review on Energy Efficient Protocols Implementing DR Schemes and SEECH in Wireless Sensor Networks" *IOSR Journal of Electronics and Communication Engineering (IOSR-JECE) e-ISSN: 2278-2834, p- ISSN: 2278-8735. PP 82-87,2015.*
3. **Gupta S** and Puri V "Design of 8-Element Linear Array with Practical Problem Diagnosis of Faulty Element Using Particle Swarm Optimization" *International Journal of Engineering Research ISSN:2319-6890(online), ,2347-5013(print) Volume No.4, Issue No.7, pp : 399-403, July2015*

4. **Gupta S** and Puri V “Detection of Defective Element in a Space Borne Planar Array with Far-Field Power Pattern Using Particle Swarm Optimization” *IOSR Journal of Electronics and Communication Engineering (IOSR-JECE)* e-ISSN: 2278-2834, p- ISSN: 2278-8735. Volume 10, Issue 3, pp., 17-22 2015.

#### **Papers published in peer reviewed Conference proceedings**

##### **Conferences:**

1. **Gupta S** and Puri V “VPBC: A Varying Probability Based Clustering for Energy Enhancement in WSN” *International Conference on Intelligent Communication, Control and Devices. Advances in Intelligent Systems and Computing*, vol. 479. Springer, September 2016.
2. **Gupta S** and Bhatia V “A Manhattan Distance approach for Energy Optimization in Wireless Sensor Network” *IEEE sponsored International conference on next Generation Computing Techniques(NGCT2015)* conference ID 36551, Catalog and ISBN Number: 978-1-4673-6809-4, 4<sup>th</sup>-5<sup>th</sup> September 2015, UPES, Dehradun.
3. **Gupta S** and Bhatia V,” A survey on Energy Efficient Protocols LEACH, Fuzzy-based approach and Neural Network Technique in Wireless Sensor Network” vol. 2, Spl. Issue 2 (2015) e-ISSN: 1694-2310 | p-ISSN: 1694-2426 217 BUEST, Baddi, RIEECE -2015
4. **Gupta S** and Puri V “Bacterial Foraging: A Soft Computing Approach To Length Of Miniaturized Planar Antenna” *International Conference on Advanced Electrical Electronic Engineering (ICAEEE-2012)*, November 18, 2012 held at Vizag.

#### **F. Participation in Conference / Seminar / Symposia/Workshops**

##### **1. National**

- i. National Seminar on Applications of Mathematics to Science & Technology (UGC Sponsored), Sept 29, 2012.
- ii. National Conference on Advance in Engineering, Technology & Management on 4<sup>th</sup> April, 2015 organized by Maharishi Markandeshwar University, Sadopur-Ambala, Haryana.
- iii. National Conference on Recent Innovation in Electronics, Electrical & Computer Science Engineering (RIEECE-2015).

##### **2. International**

- i. IEEE sponsored International conference on next Generation Computing Techniques (NGCT2015) 4<sup>th</sup>-5<sup>th</sup> September 2015, UPES-Dehradun.
- ii. International Conference on Advanced Electrical Electronic Engineering. (ICAEEE-2012), November 18, 2012 held at Vizag.
- iii. International Conference on Intelligent Communication, Control and Devices. *Advances in Intelligent Systems and Computing*, vol 479. Springer, September 2016.

##### **3. Workshops**

- i. Three days workshop at NRC Pune sponsored by APEDA (Agriculture and Processed Food Export Development Agency) October 2005
- ii. Workshop on Waste water Treatment and Noise Control in Metros Department of Civil Engineering, COET October 17, 2012.
- iii. Workshop on Robo Intro Department of ECE, CoET October 16-17, 2012
- iv. Seminar on Network Security Department of ITE, CoET on Sept 3, 2012
- v. Seminar on Role of Mathematics to Engineering and Technology Mathematics Department Sept. 2012.

- vi. Seminar on Techno Entrepreneurship Department of ECE, CoET, BGSB University, Rajouri
- vii. Eight day workshop on “C-Programming” organized by Department of Mathematical Sciences, CoET, BGSB University, Rajouri April 01-09,2016
- viii. One week workshop on “Basics of MATLAB programming and Simulink” organized by Department of ERE 15<sup>th</sup> November 2016 to 19<sup>th</sup> November 2016
- ix. One week STC on “Artificial Intelligence and Optimization” through ICT mode organized by NITTTR Chandigarh 21st Oct 2018- 4th Nov 2018.
- x. One week workshop on “Machine learning tools and technique” organized by Department of ITE , BGSRU 31st Oct 2018 to 4Nov 2018.
- xi. STC on “Internet of things” through ICT mode organized by NITTTR Chandigarh 6th August 2018 to 10th August 2018.
- xii. STC on “Life Skills Development” through ICT mode organized by NITTTR Chandigarh 30th July 2018 to 3rd August 2018.
- xiii. Two week FDP on “Machine learning” organized by department of Computer Science BGSRU 22April 2019-4th May 2019.
- xiv. One week workshop on “Design in Power electronics” organized by Department of ERE, BGSRU 6th Feb 2020 to 10th Feb 2020
- xv. AICTE ATAL sponsored FDP on “Signal Processing for Cognitive Neuro Science Applications” organized by NIT Meghalaya, 17th-21st January 2022
- xvi. AICTE ATAL sponsored FDP on “Control System and Sensor Technology” organized by NITTTR Kolkatta, Feb 28th-March 4th 2022.

**G. Participation in Corporate life** (As Warden, Proctorial team, DoS team, Coordinator, Cultural team etc.)

- 1. Warden, Fatima Zahara Girls Hostel.
- 2. Overall In-charge of LICA, Advanced Electronics.
- 3. Member, Women Cell, SoET, BGSRU
- 4. Member, SoET Scholarship Committee
- 5. Faculty coordinator in “Alfresco Fiesta, The Engineer’s Carnival”
- 6. Coordinator of Industrial training committee.

**H. Any other information**

Successfully coordinated Technical cum Cultural Event Alfresco Fiesta, The Engineer’s Carnival 14-15<sup>th</sup> September 2018 on Engineers Day.

Shaveta Gupta