

CURRICULUM VITAE

A. Personal Information:

1. **Name** : Vishal Puri
2. **Parentage** : Mr. L C. Puri
3. **Date of Birth** : 28th of December 1977
4. **Permanent Address:** H. No 17, Anand Vihar, Lane -3, Borhi ,T. Tillo, Jammu, J&K
5. **Present Address** : BC-007 Staff Quarters, BGSB University, Rajouri (J&K)
6. **Email ID** : : vishalpuri@bgsbu.ac.in
7. **Mob. No.** : 7780884031

B. Current Position : Principal & Head (ECE), School of Engg. And Technology, BGSBU

C. Academic Record

S. No.	Exam. Passed	Board / University	Year of Passing	Percentage of Marks	Division	Subject Offered
1.	B.E	Shivaji University	1999	66%	1 st Class with Distinction	Electronics
2.	M.E	Panjab University	2007	74%	1st	Electronics and Communication Engineering
3.	Ph.D.	TIET(Thapar University)	2023	Electronics and Communication Engineering		

D. Awards / Medals / Academic Distinction :

1. Achieved Distinction at BE level.
2. Received cash award for Research contribution in MIET, Jammu 2008-09.

E. List of Publications

1. V. Puri and H. S. Singh, "Design of quad-band polarization insensitive ultra-thin compact metamaterial based absorber for terahertz applications" *Results in Optics*, vol. 8, no. 100248, pp. 1-8, 2022. DOI: <https://doi.org/10.1016/j.rio.2022.100248>
2. V. Puri and H. S. Singh, "Design of an isolation improved MIMO antenna using metasurface based absorber for wireless applications," *Optik- International Journal for Light and Electron Optics*, vol. 259, Mar. 2022. DOI: <https://doi.org/10.1016/j.ijleo.2022.168963>
3. V. Puri and H. S. Singh, "Design and analysis of a compact ultrathin ultra-wideband metamaterial absorber with near to unity absorption for Ku-band," *International Journal of RF Microwave Computer-Aided Engineering*, vol.32, no. 4, 2022. DOI: <https://doi.org/10.1002/mmce.23069>.
4. V. Puri and H. S. Singh, "Design of super compact ultrathin perfect wide-angle polarization independent metamaterial absorber for C, X and Ku band applications," *Microwave Optical Technology Letters*, vol.63, pp. 2782-90, 2021. DOI: <https://doi.org/10.1002/mop.32972>.

5. V. Puri and H. S. Singh, "A Compact Ultrathin Metamaterial Absorber for C, K and Ka Band Microwave Frequency Regime," 2020 IEEE MTT-S Latin America Microwave Conference (LAMC 2020), 2021, pp. 1-3. DOI: 10.1109/LAMC50424.2021.9602614.
6. Vishal Puri et.al., "Logic Design and Modeling of an Ultra-Efficient 3x3 Reversible Gate for Nanoscale Applications" ICSC-2019, New Tehri, Uttarakhand, 19-21 April 2019
7. Vishal Puri et.al., "Modeling and Logic Synthesis of Multifunctional and Universal 3x3 Reversible Gate for Nanoscale Applications" ICSC-2019, New Tehri, Uttarakhand, 19-21 April 2019
8. Presented a paper on "A chebyshev approach for energy efficient wireless sensor network" in the National Conference on Emerging Trends and Innovations in Electronics and Communication Engineering (ETIECE-2017)" organized by BGSB University, Rajouri held from 26 to 27 August 2017.
9. 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.
10. Puri V and Gupta S "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, vol. 10, no.3, pp. 17-22,2015.
11. Puri V and Gupta S "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),vol.4, no.7,pp. 399-403, July 2015.
12. Vishal Puri(2014) "Detection of defective of defective element in space borne array and Design " IEEE sponsored Indian Antenna week Chandigarh,26th - 30th May 2014.
13. Puri V & Shaveta Gupta, (2012) "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.
14. Vishal Puri, Baljit Singh, Gourav Khajuria presented a paper titled "GSM security Aspects and its Flaws" at 2nd National Conference on Challenges and opportunities in IT organized by Deptt. CSE at RIMT, Institute of Engineering & Technologies, Mandi, Gobindgarh on 29th March 2008
15. Vishal Puri, Baljit Singh, Gourav Khajuria " NANO-MECHATRONICS :Future of Mechatronics" in National Conference on Robotics and Mechatronics Bhai Maha Singh College of Engineering, Muktsar, Panjab,Nov 29-30 2007.
16. Presented a paper title "Bacterial foraging to design miniaturized planar antenna" IEEE co-sponsored, Aurangabad November 28-30th 2007.
17. Presented a paper "Role of task group in enhancing access to disadvantaged section of society in technical education" in National Seminar on Enhancing Access and Performance of Disadvantaged Section of Society in Techical and vocational education for Hilly Areas"22-23 March 2007.
18. Presented a paper on "Bacteria foraging: A soft computing approach to Engineering application, National conference on Mechatronics held at NITTTR Chandigarh ,8th – 9th March 2007.

F. Participation in Conference / Workshop /Seminar / Symposia

1. Participated in workshop title, “ Intelligent broadband antennas and their arrays for civil, defense and space applications” organized by IEEE IISc MTT/AP-S Student Branch Chapter, in association with IEEE University Partnership Program, 10th January 2023.
2. AICTE ATAL sponsored FDP on “Signal Processing for Cognitive Neuro Science Applications organised by NIT Meghalya 17th-21st January 2022.
3. One Week International Workshop on “MIMO and Beam forming Antennas for wireless and satellite Applications” IEEE Delhi Section Antenna & Propagation Society (APS) Chapter –Jaipur, April 26-30, 2021
4. International workshop on” Metamaterial and its applications” IEEE Delhi Section AP-S Chapter-Jaipur,17th -23rd July 2021
5. AICTE ATAL sponsored FDP on “Fundamentals of Novel Materials” at Tripura University 24th-28th August 2021
6. Five days ATAL FDP on "Wearable Devices" at Thapar Institute of Engineering and Technology, Patiala from 16/11/2020 to 20/11/2020.
7. IEEE sponsored three days Hands-on training workshop “Design and Characterization of Microwave Components and Antennas (DCMCA-2020)” at TIET Patiala, Punjab 22-24 February 2020
8. Two week FDP on “Machine learning” organized by department of Computer Science BGSBU 22 April 2019-4th May 2019.
9. DST Sponsored Two Weeks Faculty Development Program on “Quantum Science and Technology” organized by School of Material Sciences and Nanotechnology, Baba Ghulam Shah Badshah University, Rajouri from 16-30 December 2019.
10. One day Workshop on “Intellectual Property Right” organized by IIC, BGSBU, 25th Jan 2019.
11. One week workshop on “Machine learning: Tools and Technique” organized by department of Computer Science Engg. & ITE, BGSBU 31st Oct 2018 to 4th Nov 2018.
12. Participated in one week STC on SCILAB programming organized by department of CSE, BGSBU 21/08/2017 to 25/08/2017.
13. Participated in one week STC on Power Quality Monitoring and Analysis organized by department of ERE, BGSBU 30/10/2017 to 3/11/2017.
14. Attended a one week Professional Development program from IIM Indore, December 11-15, 2017.
15. Participated in Eight day workshop on C-Programming organized by Department of Mathematical Sciences BGSBU from 1/04/2016 to 09/04/2016.
16. Attendee two week training program on Information Literacy and Plagiarism organized by BGSB University, 2015
17. Workshop on Antenna organized by IEEE Kolkata Section ,Indian Antenna week at Chandigarh, 26th-30th May 2014
18. Participated in five day workshop on “ RFID and Microcontrollers based Pervasive computing” April 22-26, 2013
19. General Orientation Program at Jammu University, December-January 2013.
20. Refresher Course at Jammu University, 3 Dec-26 to Dec 2013.

21. Workshop on Waste water Treatment and Noise Control in Metros Department of Civil Engineering, COET October 17, 2012.
22. Participated in Workshop on Robo -Intro Department of ECE, CoET October 16-17, 2012.
23. Participated in one day seminar in Application of Mathematics to Science and Technology” organized by Department of Applied Mathematics BGSBU on 29/09/2012
24. Participated in workshop on Network Security organized by Department of ITE, CoET, and BGSBU on Sept 3, 2012.
25. Seminar on Techno Entrepreneurship Department of ECE, CoET, BGSB University, 2012 Rajouri.
26. Attended and successfully completed one week short term course on “Metamaterial Antenna design and Analysis” organized by NITTTR Chandigarh 20/07/2009 to 24/07/2009.
27. Successfully completed Internal Auditor course ISO 9001:2008 for Internal quality Auditor 20-21st Oct 2009.
28. Attended and successfully completed two weeks short term course on “PLC and its applications” organized by TTTI Chandigarh 16/02/2004 to 27/02/2004.
29. Attended and successfully completed two weeks short term course on “Neural Network with MATLAB” organized by TTTI Chandigarh 1/07/2002 to 12/07/2002.

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

1. Principal, School of Engineering and Technology from 31st Jan 2023 till date.
2. Head, Department of Electronics and Communication Engineering, BGSBU from 2012-13 to till date.
3. Convenor Examination Committee, School of Engineering and Technology from 2011 to till date.
4. Convenor, Syllabus Revision Committee for ECE department.
5. Convenor, Research Committee, School of Engineering and Technology, BGSBU.
6. Member of Proctorial Board from 2016-2018.
7. Member of BGSBU University anti ragging committee.
8. Member of University Purchase committee.
9. Overall supervision of ECE Department in the capacity of Head Department of ECE, MIET, Kot Bhalwal Road, Jammu from 2009-2010.
10. Member of various committees like anti-ragging, disciplinary, time table etc. at MIET Jammu 2002-2010.
11. Member of Board of studies for Jammu University from 2009-10

H. Member of Professional Bodies

(BoG, BoS, Academic Bodies, Academic Societies, Member of Editorial Board)

1. IETE Membership No. M222240.
2. IAENG Membership No. 113968.
3. IRED Membership Number AM101000581873

I. Any other information

1. Successfully organized an online lecture on the “Search for Extraterrestrial Intelligence (SETI)” 23rd of February 2023.
2. Successfully Organized five day workshop on “Repair and Maintenance of Laboratory Equipment and Computers,” 02-06 November 2018.
3. Member of organizing committee for National Conference on Emerging Trends and Innovations in Electronics and Communication Engineering (ETIECE-2017) organized by BGSB University, Rajouri held from 26 to 27 August 2017.
4. Co-patron of National Conference on Emerging Trends and Innovations in Electronics and Communication Engineering (ETIECE-2017) organized by BGSB University, Rajouri held from 26 to 27 August 2017.
5. Coordinated workshop on Acceleration sensor and its application in the field of Robotics and Computer Application at BGSB University 17th and 18th April 2013.
6. Coordinated workshop on Robotics 16-17th Oct 2012 at Department of ECE BGSB University.
7. Successfully completed Internal Auditor course ISO 9001:2008 for internal quality Auditor 20-21st Oct 2009.

J. Book Chapter

1. “Modeling and Logic Synthesis of Multifunctional and Universal 3x3 Reversible Gate for Nanoscale Applications”, Algorithms for Intelligent Systems (AIS), Springer Nature series.(Scopus Indexed)
2. “Logic Design and Modeling of an Ultra-Efficient 3x3 Reversible Gate for Nanoscale Applications”, Algorithms for Intelligent Systems (AIS), Springer Nature series.(Scopus Indexed)

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