

BIO-DATA OF BRIJESH MISHRA



1. **Name** : **DR. BRIJESH MISHRA**
2. **Father's name** : **SHRI MAHENDRA MISHRA**
3. **Date of birth** : **03.05.1988**
4. **Marital Status** : **Married**
5. **Address (present)** : **Faculty Quarter SIET campus Jhalwa Allahabad-211012**
6. **Permanent Address** : **Vill-Itaura Satan, Post- Barohi Fatehpur,
Dist-Azamgarh Pin-276121**
7. **E-mail and Mobile** : **brijesh.mishra0933@gmail.com
7703004534**
8. **Present** : **Assistant Professor in the Department of Electronics and
Communication, SIET, Allahabad**
9. **2013-2018** : **D.Phil. Degree on "Modelling, Analysis and Characterization of
D.Phil. (Electronics and
communication) Microwave Devices using Simulation Techniques" Department of
Electronics and Communication, University of Allahabad,
Allahabad-211002**
10. **2010-2012** : **First Division (I)-77.2%**
**M. Tech. (Electronics
Engineering) Department of Electronics and Communication, University of
Allahabad, Allahabad-211002**
11. **2006-2010** : **First Division (I)-71.2%**
**B, Tech. (Electronics and
Communication) United College of Engineering and Research, Naini, Allahabad,
U.P. Technical University**
12. **2004** : **First Division (I)-68.2%**
**Intermediate Nehru Inter College, Bichhiya Railway Colony, Gorakhpur
U.P. Board, Allahabad**
13. **2002** : **Second Division (II)-56.2%**
**High School Nehru Inter College, Bichhiya Railway Colony, Gorakhpur
U.P. Board, Allahabad**
14. **Other Academic** : **Qualified GATE exam in 2010**
Achievements
15. **Teaching & Research Experience** : **More than 3 years.**

16. Other Assignments/Activities

- i. Participated in two week workshop on signals and systems held at MNNIT Allahabad, sponsored by MHRD India
- ii. Participated in one week FDP on communication skills held at SIET Allahabad, sponsored by ISTE
- iii. Paper entitled "A novel design and synthesis of coupled inductor band pass filter ISM band applications" presented in International conference on recent trends in engineering and material sciences (ICEMS-2016) sponsored by Elsevier
- iv. Paper entitled "A compact and wide band micro-strip patch antenna for X-band applications" presented in Proceedings of 2015 Second International Conference on Advances in Computing and Communication Engineering (2015) sponsored by IEEE
- v. Participated in one week short term course on Recent Advances on Passive and Active Components at High Frequencies held at IIT BHU, sponsored and funded by AICTE India

17. Area of interest

Network analysis and synthesis, Micro-strip patch antenna, Basic system analysis, Electronics instrumentation and measurements, Advanced semiconductor devices, Engineering mathematics

18. Software skills/Computer knowledge

ANSYS HFSS, AWR (microwave office suit), SMART DRAW, ORIGIN LAB, MENDELEY DESKTOP, CORAL DRAW, GRAPH DATA EXTRACTOR, MICROSOFT OFFICE

19. Practical knowledge

Network analysis and synthesis lab, Measurement lab, PCB lab, Electronics Lab, Bread board based experiments, CRO based experiments

20. Worked as Reviewer in the following Journals/Conferences

- [i] International *Conference* on Emerging Trends in Communication, Computing and Electronics (IC3E-2018)
- [ii] *Advances in Science, Technology and Engineering Systems Journal (ASTESJ) (ISSN: 2415-6698)*

21. List of publications

Journal: (SCI Indexed)

- [1] **Brijesh Mishra**, V. Singh, and R. Singh, "Dual and wide-band slot loaded stacked microstrip patch antenna for WLAN/WiMAX applications," *Microsystem Technologies.*, vol. 23, no. 8, pp. 3467–3475, Aug. 2017.

- [2] **Brijesh Mishra**, V. Singh, R. K. Singh, N. Singh and R. Singh, “A compact UWB patch antenna with defected ground for Ku/K band applications,” *Microwave and Optical Technology Letters.*, vol. 60, no. 1, pp. 1-6, 2017.
- [3] V. Singh, **Brijesh Mishra**, P. N. Tripathi, and R. Singh, “A compact quad-band microstrip antenna for S and C-band applications,” *Microwave and Optical Technology Letters.*, vol. 58, no. 6, pp. 1365–1369, Jun. 2016.
- [4] **Brijesh Mishra**, V. Singh, and R. Singh, “Gap Coupled Dual Band Petal Shape Patch Antenna for WLAN / WiMAX Applications”. *Advances in Electrical and Electronic Engineering (AEEE).*, vol. 16, no. 2, pp. 185–198, 2018.
- [5] V. Singh, **Brijesh Mishra**, A. K. Dwivedi and R. Singh, “Inverted L-Notch Loaded Hexa Band Circular Patch Antenna for X, Ku/K Band Applications” *Microwave and Optical Technology Letters.*, vol. 60, no. 8, pp. 2081–2088, 2018.

Journal: (SCOPUS Indexed)

- [6] **Brijesh Mishra**, V. Singh, C. Jha, A. K. Pandey, and R. Singh, “Microwave band pass filter synthesis using coupled inductor for ISM band applications,” *Int. J. Applied Eng. Res.*, vol. 12, no. 11, pp. 2862–2867, 2017.
- [7] V. Singh, **Brijesh Mishra**, A. K. Pandey, A. K. Patel, S. Yadav and R. Singh, “Triple band CPW fed monopole leaf shaped patch antenna,” *Int. J. Commun. Antenna Propag.*, vol. 7, no. 2, pp. 135–141, 2017.

Journal: (UGC Listed)

- [8] **Brijesh Mishra**, V. Singh, A. Dwivedi, and R. Singh, “Dual band microstrip patch antenna with double-sided notch,” *Int. J. Computer Application.*, vol. 6, no. 1, pp. 106–108, 2016. (Journal no-64190 & Serial no-3)
- [9] **B. Mishra**, Chandrabhan, G. Chandra and R. Singh, “Compact triple band T-shape microstrip patch antenna,” *Int. J. Emerging Trends in Eng. and Development*, Vol. 6, Issue 5, pp. 127-130, 2015
- [10] A. Varshney, **B. Mishra**, Chandrabhan, A. Dwivedy and R. Singh, “Smart bike helmet and accident prevention system,” *Int. J. for Electro Computational World Knowledge Interface*, Vol. 4, Issue 2, pp. 1-6, 2016.
- [11] V. Singh and **B. Mishra**, “FPGA implementation of various lines coding technique for efficient transmission of digital data in communication,” *Int. J. of Res. in Engineering and Technology*, Vol. 3, Issue 4, pp. 60-63. 2014.

Book Chapter: (SCOPUS Indexed)

- [12] **Brijesh Mishra**, V. Singh, A. K. Dwivedi, A. K. Pandey, A. Sarwar, and R. Singh, “Slots loaded multilayered circular patch antenna for Wi-Fi/WLAN applications,” *Computing and Network Sustainability*, Lecture Notes in Networks and Systems 12 (Springer), pp. 49–59, 2017. DOI 10.1007/978-981-10-3935-5_6 2017
- [13] **Brijesh Mishra**, V. Singh, and R. Singh, “Gap Coupled Swastika Shaped Patch Antenna for X and Ku-band Applications,” *Optical and Wireless Technologies*, Lecture Notes in Electrical Engineering (Springer), 2017, ISBN: 978-9811073946 (**In press**)

Conference Proceedings: Full Papers

- [14] **Brijesh Mishra**, V. Singh, and R. Singh, “Design, analysis and simulation of microwave coupler,” in *2015 International Conference on Signal Processing and Communication (ICSC)*, 2015, pp. 370–373.
- [15] V. Singh, **Brijesh Mishra**, and R. Singh, “A compact and wide band microstrip patch antenna for X-band applications,” in *2015 Second International Conference on Advances in Computing and Communication Engineering*, 2015, pp. 296–300.
- [16] C. Bhan, A. K. Dwivedi, **Brijesh Mishra**, and A. Kumar, “Quad bands U-shaped slot loaded probe fed microstrip patch antenna,” in *2015 Second International Conference on Advances in Computing and Communication Engineering*, 2015, pp. 409–412.
- [17] C. Bhan, V. Singh, **Brijesh Mishra**, and A. Kumar, “A Dual Band Double Inverted L-Slots Microstrip Patch Antenna,” in *2015 Second International Conference on Advances in Computing and Communication Engineering*, 2015, pp. 89–91.

Communicated Papers: (SCI Indexed)

- [18] **Brijesh Mishra**, V. Singh and R. Singh, “A comprehensive review of English alphabet shaped patch antennas: Design of English alphabet H-shape gap coupled antenna for wireless applications.” *Proceedings of the National Academy of Sciences, India Section A: Physical Sciences*.
- [19] V. Singh, **Brijesh Mishra** and R. Singh, “Anchor Shape Gap Coupled Patch Antenna for WiMAX and WLAN Applications” *International Journal for Computation and Mathematics in Electrical and Electronic Engineering*.

(BRIJESH MISHRA)