



Academic Achievement Report of Dr. Zakir Ali

1. Name : **Dr. Zakir Ali**
2. Present Institution Address : **Bundelkhand University Jhansi –Uttar Pradesh-284128**
3. Address for Correspondence: **1336/1,Shivaji Nagar Jhansi-Uttar Pradesh-284128**
Mobile: 919452214800; Email: zakirali008@gmail.com
4. Date of Birth : **18/03/1984**
5. Academic Qualifications:

CLASS	BOARD/UNIV.	YEAR
B.TECH.(E&C)	Bundelkhand University, Jhansi	2006
M.TECH.(Digital Comm.)	BIET JHANSI/U.P. Technical University, Lucknow	2008
Ph.D.	Bhagwant University,	2013

6. Details of Employment and Nature of Duties

Post Held	Duration	Pay Scale	Responsibilities
Lecturer (Bundelkhand University Jhansi)	05/09/2009 to Till Date	Gross Sal Rs 36829/-	Teaching U.G. and other Administrative work.
Probationary Officer (Syndicate Bank)	17/11/2008 to 31/08/2009	Scale 10000 (Gross Sal 30000 including all allowances)	All sorts of Banking and Technical Support.
Guest Faculty (B.I.E.T. Jhansi)	15/09/2008 to 10/11/2008	Rs 200/ Lecture, Max 10400/month	Teaching P.G. & U.G.
Guest Faculty (Bundelkhand University Jhansi)	01/07/2008 to 10/11/2008	Rs 200/ Lecture, Max 10400/month	Teaching U.G.
Guest Faculty (Bundelkhand University Jhansi)	09/09/2006 to 07/10/2006	Rs 100/Lecture, Max 8000/month	Teaching P.G. (MSc. Electronics.)

7. Awards:

- (a) *Scored highest marks in 1st, 5th, 7th & 8th semester of B.TECH. & Stood First in the Order of Merit in B.Tech E.&C. Branch year 2006*
- (b) *Best Paper awarded in the National Conference in Emerging trends in Information Technology (Nceit 08) at Baddi ; SOLAN Himachal Pradesh.*

8. Field of Specialization : **Microwave Engineering, Neural Networks,VLSI**

9. Research Experience: **06 Years**

10. List of Publications: Total 40

***Book Chapter :**

1. ***“A Wide Band Compact Microstrip Antenna for DCS/PCS/ WLAN Applications “**
SPRINGER PUBLICATIONS (INTELLIGENT COMPUTING, NETWORKING, AND INFORMATICS)-Chapter No 113; Book ISBN: 978-81-322-1664-3-Book ID: 315851_1_En, Date 1.10.2013

IEEE PUBLICATIONS: 06

***1. Ali, Z.;** Singh, V.K.; Singh, A.K.; Ayub, S., "E-Shaped Microstrip Antenna on Rogers Substrate for WLAN Applications," *Computational Intelligence and Communication Networks (CICN), 2011 International Conference on*, vol., no., pp.342,345, 7-9 Oct. 2011 doi: 10.1109/CICN.2011.72

2. Singh, V.K.; **Ali, Z.;** Singh, A.K., "Dual Wideband Stacked Patch Antenna for WiMax and WLAN Applications," *Computational Intelligence and Communication Networks (CICN), 2011 International Conference on*, vol., no., pp.315,318, 7-9 Oct. 2011 doi: 10.1109/CICN.2011.66

***3. Ali, Z.;** Singh, V.K.; Singh, A.K.; Ayub, S., "Bandwidth Enhancement of W Slot Microstrip Antenna Using Stacked Configuration," *Communication Systems and Network Technologies (CSNT), 2012 International Conference on*, vol., no., pp.31,34, 11-13 May 2012 doi: 10.1109/CSNT.2012.16

***4 Ali, Z.;** Singh, V.K.; Singh, A.K.; Ayub, S., "Wide Band Inset Feed Microstrip Patch Antenna for Mobile Communication," *Communication Systems and Network Technologies (CSNT), 2013 International Conference on*, vol., no., pp.51,54, 6-8 April 2013 doi: 10.1109/CSNT.2013.20

5. Singh, V.K.; **Ali, Z.;** Singh, A.K.; Ayub, S., "Dual Band Microstrip Antenna for UMTS/WLAN/WIMAX Applications," *Communication Systems and Network Technologies (CSNT), 2013 International Conference on*, vol., no., pp.47,50, 6-8 April 2013 doi: 10.1109/CSNT.2013.19

6. Singh, A.K.; Kabeer, R.A.; **Ali, Z.;** Gurjar, D., "Performance analysis of compact Koch fractal antennas at varying iterations," *Engineering and Systems (SCES), 2013 Students Conference on*, vol., no., pp.1,5, 12-14 April 2013 doi: 10.1109/SCES.2013.6547565

SPRINGER PUBLICATIONS (02)

*8. Singh, A. K., Kabeer, R. A., **Ali, Z.**, Singh, V. K., & Shukla, M. (2013). Performance analysis of first iteration koch curve fractal log periodic antenna of varying flare angles. *Central European Journal of Engineering*, 3, 51-57.

*9. Singh, V. K., **Ali, Z.**, Singh, A. K., & Ayub, S. (2013). Dual band triangular slotted stacked microstrip antenna for wireless applications. *Central European Journal of Engineering*, 3(2), 221-225

Elsevier Publication (In Pres)

10. **Zakir Ali**, Vinod K. Singh, Ashutosh Kumar Singh and Stuti Srivastava “Duo Triangle Shaped Microstrip Patch Antenna Analysis for WiMAX lower band Application” Accepted for Publication in Elsevier through Conference CIMTA 2013 (Kalyani University Kolkata-27-29 Sep 2013)

Referred Journals

11. Vinod K. Singh, **Zakir Ali** “Design and comparison of a rectangular-slot-loaded and C-slot-loaded microstrip patch antenna” International Journal of Computer Science and Network Security, Korea,(ISSN-1738-7906) VOL10 (4), pp 247-249, April, 2010.
12. **Zakir Ali**, Vinod K. Singh “Potentials of fuzzy logic: an approach to handle imprecise data” International Journal of Engineering Science Technology, India, (ISSN: 0975-5462) VOL 2 (4), pp 358-361, April, 2010.
13. Vinod K. Singh, **Zakir Ali**, “Dual Band U- shaped microstrip antenna for wireless Communication” International Journal of Engineering Science Technology, India, (ISSN: 0975-5462) VOL 2 (6), pp 1623-1628, June, 2010.
14. Vinod K. Singh, **Zakir Ali**, Shahanaz Ayub “Design of compact triple band microstrip antenna for wireless communication” **International Journal of Electronics & Communication Engineering**, India. (ISSN 0974-2166) Volume 3, Number 1 (2010), pp. 323-330
15. Vinod K. Singh, **Zakir Ali**, Shahanaz Ayub “Design of compact rectangular slot microstrip antenna for mobile communication” *Global Journal of Researches in Engineering*, USA, Vol.10 Issue7 (Ver 1.0),(07),pp 52-54, Dec 2010.
16. Saiyed Tazen Ali, Vinod Kumar Singh and **Zakir Ali** “Design of W Slot Loaded Microstrip Antenna Fed by Coaxial Probe” International Journal of Applied Engineering Research Volume 6, Number 18 (2011) special issues pp. 2955-2958
17. Vinod K. Singh, **Zakir Ali**, Shahanaz Ayub “Dual Band Stacked Microstrip Antenna for Wireless Applications” International Journal of Advanced Research in Computer Science and Software Engineering (ISSN: 2277 128X), Volume 2, Issue 2, February 2012.
18. **Zakir Ali**, Vinod K. Singh, Shahanaz Ayub “Broad Band Slotted Stacked Microstrip Antenna for Wireless Applications” International Journal of Advanced Research in Computer Science and Software Engineering (ISSN: 2277 128X), Volume 2, Issue 2, February 2012.

19. Arvind kumar singh, Vinod kumar Singh, **Zakir Ali** “*Compact Wide Band Microstrip Line Feed Microstrip Patch Antenna for Wireless Application*” International Journal of Computer Science & Engineering Technology, pp 100- 105, Vol. 3 No.4 April 2012.
20. Mayank Dwivedi, Vinod kumar Singh, **Zakir Ali**, Rajeev Kumar “*Design of a wideband inset feed microstrip patch antenna*” International Journal of Engineering Science Technology (ISSN: 0975-5462), Vol.4 No.7, pp 3212- 3218, July 2012.
21. **Zakir Ali**, et al “*Design and comparison of butterworth and chebyshev type-1 low pass filter using Matlab* published in the **International Journal of Engineering Science ISSN 2229-6913**
22. **Zakir Ali**, et al “*A Neural Network approach to study the Bandwidth of Microstrip Antenna*” published in the International Journal of Advanced Research in Computer Science and Software Engineering ISSN 2277 128X. Vol 03 issue 01 jan 2013 pp 64-69
23. **Zakir Ali**, et al “*Dual Band Microstrip Antenna Design using Neural network*” published in the International Journal of Advanced Research in Computer Science and Software Engineering ISSN 2277 128X. vol 03 issue 01 Jan 2013 pp 74-79
24. **Zakir Ali**, et al “*Compact Bandwidth Enhanced Microstrip Antenna for WLAN Applications*” published in the International Journal of Networks and Systems ISSN 2319 5975. vol 02 issue 01 pp 74-79
25. **Zakir Ali**, Vinod Kumar Singh, A.K.Singhal “*Meandered Ground Microstrip Patch Antenna for WiMAX/WLAN Application*” International Journal of Computational Research, SRGI, 2013(Communicated).
26. Manoveg Saxena, **Zakir Ali**, Vinod Kumar Singh, “*NoSQL Databases- Analysis, Techniques, and Classification*” International Journal of Computational Research, SRGI, 2013 (Communicated).
27. Vinod K. Singh, Ratnesh Tiwari, **Zakir Ali**, Archana Lala, “*Dual Band Compact Microstrip Patch Antenna for PCS WLAN Applications*” International Journal of Advanced Research in Computer Science and Software Engineering ISSN 2277 128X. vol 03 issue 08 Aug 2013 pp 493-496

International Conferences / National Conferences:

28. Vinod K. Singh, Ram Singh Kushwaha, **Zakir Ali**, “*Design of compact single notch C shaped microstrip antenna using IE3D*” International Conference on Microwaves, Antenna, propagation and Remote Sensing, Jodhpur, pp 68, Dec, 2009.
29. Vinod K. Singh, **Zakir Ali**, Padam Singh “*Design of compact asymmetrical C shaped microstrip antenna for Wireless Communication*” National Conference on Recent Trend and Challenges in Internet Technology, MANIT Bhopal.
30. Tazen Ali, Vinod K. Singh, **Zakir Ali**, “*Design and analysis of W slot microstrip antenna for Wireless Communication*” IETET 2011, Kurukshetra, India.
31. Vinod Kumar Singh, **Zakir Ali**, Shahanaz Ayub “*Dual Wide Band Compact Microstrip Patch Antenna for Wireless Application*” International Conference on Electronics Communication & Instrumentation, S.R.Group of Institutions, Jhansi, pp 439- 441, April, 2012.
32. **Zakir Ali**, et al “*Fault Diagnosis of Active Analog Circuit Using SBT Fault Dictionary Approach* “ accepted in the International Conference on Computer, Electrical, and Systems Science, and Engineering” in ROME (ITALY)
33. **Zakir Ali** “*Hand Gesture Recognition using Neural Network*” National Conference on “**Emerging Trends in Information Technology**” at IEET Baddi (Solani-H.P.) sponsored by **IEEE** 5-6 Sep 08.(proc nceit pp275-281) The paper was awarded the **Best Paper** of the conference
34. **Zakir Ali** “*Static Image Recognition using Neural Network*” National Conference on “**Futuristic Computer Applications**” at IITM Gwalior 27-28 Oct 09.

35. Zakir Ali, et al.” *Learning Algorithms in Artificial Neural Network*” National Conference on Innovative Technologies in Electrical and Electronic System at Rasipuram, Tamil Nadu –(proc pp 334-337)24-25 Feb 2010.
36. Zakir Ali, et al.” *Design of compact asymmetrical C shaped microstrip antenna for Wireless Communication*” National Conference on Recent Trend and challenges in Internet Technology” at Maulana Azad National Institute of Technology, Bhopal M.P.19-20 MARCH 2010.
37. Zakir Ali, et al.” *Artificial Cardiac Pacemaker- A cure to Arrythmia*” Conference on Current Scenario and Future Trends in Biotechnology-“BIOFUTURITY-2011 at Bundelkhand University Jhansi –(proc pp 30-37)28-29 Mar 2011.ISBN 938037693-6
38. Zakir Ali, et al.” *Study of Biomedical Signals- A critical Review*” Conference on Current Scenario and Future Trends in Biotechnology-“BIOFUTURITY-2011 at Bundelkhand University Jhansi –(proc pp 42-48)28-29 Mar 2011.ISBN 938037693-6.
39. Saurabh Jain, Vinod Kumar Singh, Zakir Ali “*A Compact Annular Ring Microstrip Antenna for Dual Band Application*” National Conference on Globalized Leading Edge Technologies in Engineering (GLETE-2013), Eshan College of Engineering, Mathura, India pp 89-91, 15th -16th November-2013.
40. Vinod Kumar Singh, Manvendra Singh Yadav, Zakir Ali, Shahanaz Ayub,” *A Compact Microstrip antenna for Bluetooth/ WiMAX Applications*, National Conference on Globalized Leading Edge Technologies in Engineering(GLETE-2013), Eshan College of Engineering, Mathura, India pp 29-31, 15th -16th November-2013.

No of workshops attended: 04

1. Workshop on Microstrip Antennas at MITS Gwalior.
2. Workshop on Artificial Neural Networks at NITTR Chandigarh.
3. Workshop on Cloud Computing and Soft computing Techniques at Bundelkhand University Jhansi.
4. FDP attended at Bundelkhand University,Jhansi-U.P.-284128

REVIEWER Member:

- (i) International Association of Engineers. (UK)
- (ii) Global Journal of Researches in Engineering. (US)
- (iii) International Journal of Electronics (Taylor & Francis).
- (iv) International Journal of Computer Science & Network.
- (v) International Journal of Engineering. IJE (IRAN)

Membership of Professional Societies:

- Member of WASET Scientific and Technical Committee on Natural and Applied Sciences. (UK).
- Member of International Association of Engineers. (IAENG), USA.
 - The IAENG Society of Computer Science.
 - The IAENG Society of Electrical Engineering.
 - The IAENG Society of Wireless Networks.
- Senior Member of International Association of Computer Science and Information Technology.
- Editorial Board Member of International Journal of Electronics & Communication Technology.