Curriculum Vitae

Dr. Waseem Jeelani Bakshi

Assistant Professor
Computer Science and Engineering,
University of Kashmir, Srinagar, Kashmir-190006

Education **:** **Ph. D** (**Computer Sciences**)

Experience Details

Total Working Experience **:** **Approximately 20 Years**

Details of Experiences in Chronological Order

Assistant Processor (August, 2013 till present)

Department of Computer Science & Engineering, University of Kashmir

Assistant Professor and Head (October, 2007 to till August, 2013)

Department of Computer Science & Engineering, BGSB University Rajouri

Contractual Lecturer and Computer Engineer,

University of Kashmir, J&K – India (April 2003 till November 2006)

Counsellor, IGNOU, Srinagar, J&K, India

July 2001 to March 2002 and January 2003 to April 2003

Lecturer, Govt. Degree College (Boys), Khannabal, J&K, India

March 2002 to January 2003

Details of Publications

1) Waseem Jeelani Bakshi, Rana Hashmy, Majid Zaman, Muheet Ahmed Butt, *Logical Data Integration Model for the Integration of Data Repositories* International Journal of Database Theory and Application (IJDTA) ISSN 2005 – 4270, pp. 21-28, Volume 11, No. 1, 2018.

2) Waseem Jeelani Bakshi, Rana Hashmy, Majid Zaman, Muheet Ahmed Butt, *Logical ETL Framework for Heterogeneous Data Sources*. International Journal of Innovations & Advancement in Computer Science IJIACS ISSN 2347 – 8616 pp 10-13, Volume 7, Issue 1, January 2018.

3) Waseem Jeelani Bakshi, Rana Hashmy, Majid Zaman, Muheet Ahmed Butt *Logical Perspective for Data Integration from Heterogeneous Repositories.* International Journal of Innovations & Advancement in Computer Science IJIACS ISSN 2347 – 8616 pp 413-416, Volume 6, Issue 12, December 2017.

4) Nouman Maqbool Rao, Muheet Ahmed Butt, Majid Zaman, Waseem Jeelani Bakshi *Distributed Data Warehouse Architecture: An Efficient Priority Allocation Mechanism for Query Formulation*, International Journal of Engineering and Innovative Technology (IJEIT) pp 157-159, Volume 2, Issue 9, March 2013.

5) Waseem Jeelani Bakshi, Muheet Ahmed Butt, Majid Zaman *Information Communication Technology: A key to Distance Learning,* International Journal of Engineering and Innovative Technology (IJEIT) pp 159 - 162, Volume 2, Issue 10, April 2013.

6) Waseem Jeelani Bakshi, Muheet Ahmed Butt, Qamar Rayees Khan, Majid Zaman *Intelligent Mobile Network Services: An Ultimate Solution* International Journal of Advanced Research in Computer Science and Software Engineering(IJARCSSE) pp 926-930, Volume 3, Issue 5, May 2013.

7) Presented a paper on "*Data warehousing: An Overview"* in 6th JK Science Congress organized by the University of Kashmir from 2 December, 2010 to 4 December, 2010.

8) Presented a paper on *Mobile Communication: A General Review* in AICTE Sponsored National Seminar on Current Trends in Mobile Computing organised by the Department of Computer Science, BGSBU November 28-29, 2008.

9) Presented a paper (with poster) on "*Impact of ICT on present day Education System*" in 4th JK Science Congress organized by the University of Kashmir from 12 November, 2008 to 14 November, 2008.

10) Presented a paper on "*Mobilising the Net*" in Government College of Engineering & Technology, Jammu, 1999.

11) Written scripts for PGDCA course being offered by the Centre of Distance Education, University of Kashmir.

12) Edited scripts for PGDCA course being offered by the Centre of Distance Education, University of Kashmir.

Projects

1) **Campus Networking of BGSB University**. This project was brought under the **National Knowledge Network Scheme (NMEICT)** of Govt. of India. An amount of **Rs. 75 lacs** has been sanctioned by the Govt. of India for this project which amounts to 75% of the total project cost. The remaining amount of Rs. 25 lacs has been contributed by the university.

2) **University Instrumentation Cell** in BGSB University. This project was submitted in **DST** and an amount of **Rs. 21** lacs has been sanctioned for the project.

3) **Modernising Examination System** in BGSB University. This project was funded by **Ministry of Information Technology, Govt. of India** under the e-governance scheme. The total project estimate is Rs. **3.10 crores**.

4) Networking in the Centre of Distance Education, University of Kashmir.

5) Automation of Admission Process in the Centre of Distance Education, University of Kashmir.

Workshops and Seminars Attended

1. Attended a two days workshop on **Intellectual Property Rights** organized by Council of Scientific and Industrial Research (CSIR) at IIIM, Srinagar, Kashmir, 23-24 June, 2003.

2. Attended a two days workshop on **Training-cum-Development of Self Learning Print Materials** organized by Centre of Distance Education in collaboration with STRIDE, IGNOU, at University of Kashmir, 26-27 July, 2005.

3. Participated in 4th JK Science Congress organized by the University of Kashmir from 12 November, 2008 to 14 November, 2008.

4. Attended a two days workshop on **Current Trends in Mobile Computing** organized by Department of Computer Sciences, BGSB University, Rajouri, 28-29 November, 2008.

5. Attended a fifteen days Training on **Texas Instrument DSP processors** at EdGate Technologies Pvt. Ltd. Bangalore from 01-07-2010 to 14-07-2010.

6. Participated in 6th JK Science Congress organized by the University of Kashmir from 2 December, 2010 to 4 December, 2010.

7. Attended a one week course on Computer Aided Drafting at DOEACC from 18 May, 2011 to 26 May, 2011.

8. Attended a two weeks online workshop on Research Methodology organized by IIT Mumbai at NIELIT, Srinagar from 25 June, 2012 to 04 July, 2012.

9. Attended a two days workshop on **Network Security** organized by department of ITE, CoET, BGSB University on 3rd September, 2012.

10. Attended a 21 days Refresher Course organized by UGC Academic Staff College, University of Kashmir from 16 January, 2012 to 8 February, 2012.

11. Attended a one day workshop on **Technopreneurship Promotion** organized by TePP Outreach Centre (TUC) USIC, University of Kashmir in collaboration with department of ECE, CoET BGSB University, 26 February, 2013.

12. Attended a two days workshop on **Waste Water Management in Metros** organized by department of CE, CoET BGSB University.

13. Attended a two days workshop on **Robotronics** organized by department of ECE, CoET BGSB University, 17-18, April, 2013.

14. Attended and organized five days workshop on **RFID** organized by department of CSE & ITE, CoET BGSB University, 22 to 26 April, 2013.

15. Attended a two weeks online workshop on **DBMS** organized by IIT Mumbai at NIELIT, Srinagar from 21-31 May, 2013.

16. Attended a four weeks UGC sponsored 62nd **General Orientation Course** organized by UGC Academic Staff College, University of Kashmir from 10 June, 2013 to 8 July, 2013.

17. Attended a two weeks Faculty Development Programme on **Networking and Security** organized by Networks Bulls at IUST, Awantipora from 23rd November, 2013.

18. Attended a 3 weeks **Refresher Course in Computer Applications** organized by UGC Academic Staff College, University of Kashmir from 26 December, 2013 to 20 January, 2014.

19. Attended a two days workshop on **Network Implementation & Security** at *AMITY University* organized by Association for Computing Machinery-IIT Delhi and Network Bulls on 23-24 January, 2014.

20. Attended a two days workshop on **Data Analysis using SPSS** at *P.G. Department of Computer Sciences, University of Kashmir in collaboration with SPSS South Asia India Ltd.* on 20-21February, 2014.

21. Attended a four weeks online workshop on **Computer Programming** organized by IIT Mumbai at NIELIT, Srinagar from 20 May, 2014 to 21 June, 2014.

22. Attended a three days workshop on **Introduction to Graph and Geometric Algorithms** at *University of Kashmir* sponsored by National Board for Higher Mathematics, Department of Atomic Energy, Government of India on 18-20 May, 2015.

23. Attended a one week workshop on **Mathematics and its Applications** at *Department of Mathematics, University of Kashmir* sponsored by National Board for Higher Mathematics, Department of Atomic Energy, Government of India on 5-11 October, 2015.

24. Participated in 11th JK Science Congress organized by the University of Kashmir from 12 October, 2015 to 14 October, 2015.

25. Attended a two days training session on **Web Technologies** at *North Campus, University of Kashmir* on 09-10 December, 2015.

26. Participated in ten days Training Programme on **Big Data Analytics** sponsored by DST, Government of India and organized by the Department of Information Technology, National Institute of Technology, Srinagar from 10 March, 2017 to 20 March, 2017.

27. Attended a two days workshop on **Basic Techniques of Bioinformatics and Drug Designing** at Department of Biotechnology and Bioinformatics, Sri Pratap College, Srinagar in collaboration with the Cluster University of Srinagar on 2-3October, 2017.

28. Attended a one week National Faculty Development Programme on **Internet of Things (IoT) - Applications** organized by Amar Singh College, Cluster University Srinagar in collaboration with EDC, IIT Roorkee from 27 January, 2018 to 02 February, 2018.

29. Acted as resource person in UGC sponsored one week state level interdisciplinary workshop on *Relevance of Information Technology in Teaching Learning Process* organized by department of Information Technology and Zoology, Islamia College of Science and Commerce on 21 March, 2018.

30. Participated in 13th JK Science Congress organized by the University of Kashmir from 2nd to 4thApril, 2018 in collaboration with the Jammu and Kashmir State Science, Technology and Innovation Council.

31. Attended a two days conference on **Software Engineering and Data Sciences (**CoSEDS 2018**)**organized by department of Computer Sciences, North Campus, University of Kashmir on June 20-21, 2018.

32. Acted as Finance Chair of two days conference on **Software Engineering and Data Sciences (**CoSEDS 2018**)** organized by department of Computer Sciences, North Campus, University of Kashmir on June 20-21, 2018.

33. Attended and organized three days international conference **WRIAST-2018** organized by National Agriculture Development Co-operative Ltd. at University of Kashmir on October 24-26, 2018.

34. Attended one day Online Workshop On **Planning and Organizing Research Using Elsevier Tools: ScienceDirect, Scopus And Mendeley** organized by Department of Bioresources, University of Kashmir In Collaboration with Elsevier on April 26, 2020.

35. Attended one week online **Faculty Development Program (FDP) on Moodle-Learning Management System** organized by KLS Vishwanathrao Deshpande Institute of Technology, Haliyal, Uttara kannada, Karnataka in

association with IIT Bombay Spoken Tutorial (An initiative of National Mission on Education through ICT,MHRD, Govt. of India) from May 04-08, 2020.

36. Attended three days International E-Conference on ***"Strategies & Challenges in Higher Education during COVID-19 Lockdown Period in India with reference to the World"*** organized by Government Vidarbha Institute of Science & Humanities, Amravati, India from May 15-17, 2020.

37. Attended a three day National online FDP on **DIGITAL LITERACY: Stepping into a New Normal** organized by MIT School of Education & Research, MIT-ADT University, Pune, India from May 21-23, 2020.

38. Attended one week online **Science Leadership Workshop** organized by Central University of Punjab, Bathinda from June 22-28, 2020.

39. Attended One Week ***e-Faculty Development Programme (e-FDP) on Cloud Computing*** organized by UGC-Human Resource Development Centre, University of Kashmir from July 20-25, 2020.

40. Attended One Day International Workshop on ***Integrating Artificial Intelligence Solutions to Cyber-Security in Covid-19 Era*** organized by M.M. Institute of Computer Technology & Business Management (MCA), Maharishi Markandeshwar (Deemed to be University), Mullana – Ambala on Juy 28, 2020.

41. Attended a three day workshop on ***"Energy Technology and Sensor Systems (TENSYS- 2020)"***- organized by Indian Institute of Information Technology, Design and Manufacturing (IIITDM), Kancheepuram, Chennai, India and Universiti Malaya (UM), Malaysia in association with Malaysian Thermoelectric Society (MTeS), Malaysia and Federation of Indian Chambers of Commerce & Industry (FICCI), India from July 28-30, 2020.

42. Attended One Week Online Training Program on "***ICT Tools for Teaching, Learning and Administration"*** organized by Department of Electronics and Communication, University of Allahabad, Prayagraj from August 04-10, 2020.

43. Participated in Five days E-Workshop on ***"Stochastic Modelling, Optimization and Soft Computing"*** organized by Department of Mathematics & Statistics, School of Basic Sciences, Manipal University Jaipur during August 10-14, 2020.

44. Participated and successfully completed AICTE Training and Learning (ATAL) Academy Online FDP on ***"Internet of Things (IoT)"*** from September 14-18, 2020 at Indian Institute of Information Technology Kottayam.

45. Participated and successfully completed AICTE Training and Learning (ATAL) Academy Online FDP on ***"Data Sciences"*** from September 21-25, 2020 at National Institute of Technology, Karnataka.

46. Participated and successfully completed the short term course on **"Cyber & Network Security: An Insight"** organized by Computer Engineering Department GCET Jammu, under TEQIP-III from September 18-20, 2020.

47. Participated in five days online Short Term Course on **"Numerical Solutions of Differential Equations"** held from September 16-20, 2020 at Dr. B. R. Ambedkar National Institute of Technology Jalandhar.

48. Attended **"One Week Faculty Development Programme on Scientific Writing Using Latex"** under the banner of Kamyaabi-An initiative in Career Development, organized by Department of Computer Sciences, BGSB University, Rajouri, from October 5-9, 2020.

49. Attended a two weeks Inter Disciplinary Refresher Course/Faculty Development Course on Research Methodology and Data Analysis organized by Ramanujan College, University of Delhi from 17 May, 2021 to 31 May, 2021.

50. Attended a one week Faculty Development Programme on Machine Learning and Optimization Techniques: Applications to Financial Markets organized by Indian Institute of Technology, Mandi from 12 July, 2021 to 16 July, 2021.

51. Attended a two weeks Government Officials Training Program on Blockchain Technology organized by NASSCOM and Ministry of Electronics & IT (MeitY), Govt. of India from 26 July, 2021 to 06 August, 2021.

52. Attended a two weeks Refresher Course organized by UGC Human Resource Development Centre, University of Kashmir from 23 August, 2021 to 3 September, 2021.
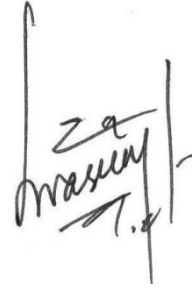
Awards and Appreciations Received

1. Received a certificate of appreciation at the two days conference on **Software Engineering and Data Sciences(CoSEDS 2018)** organized by department of Computer Sciences, North Campus, University of Kashmir on June 20-21, 2018.

2. Received Excellence in Teaching Award-2018 at three days international conference **WRIAST-2018** organized by National Agriculture Development Co-operative Ltd. at University of Kashmir on October 24-26, 2018.

Trainings

CCNA	New Delhi, India
MCP	New Delhi, India
Networking	CEDTI, Srinagar, Kashmir
C programming, FoxPro and MS Office	Caset Computer Centre, Kashmir
Oracle and C++	CEDTI, Srinagar, Kashmir
AutoCAD	CEDTI, Jammu

I hereby certify that above mentioned information is correct and to the best of my knowledge.

Waseem Jeelani Bakshi