Curriculum Vitae

Majid Bashir Malik, Ph.D.

Sr. Assistant Professor
Department of Computer Science
Baba Ghulam Shah Badshah University
Rajouri, J&K, India
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Academic Qualifications:

- **Ph.D.** (Computer Science), BGSB University, Rajouri, J&K, India.
  Title of Thesis: "*Soft Computing Based Privacy Preserving Data Mining.*"

- **Master of Computer Applications (MCA)**
  University of Jammu, J&K, India.

- **Bachelor of Science**
  University of Jammu, J&K, India.

Work Experience:

- PG Level Teaching: 12 years *(approx)*

- UG Level Teaching: 04 years *(approx)*

- Industry: 01 year.

- Research Area: Data Analytics, Soft Computing and Information Security.

Employment History:

- **Sr. Assistant Professor,** Department of Computer Science, BGSB University, Rajouri, J & K, October 2011 to till date.

- **Assistant Professor,** Department of Computer Science, BGSB University, Rajouri, India, October 2005 to October 2011.

- **Lecturer,** Trikuta College of Computer Science, Jammu, J & K, October 2002 – October 2005.

- **Lecturer** (Contract basis), Government Degree College, Baramulla, Kashmir, J & K. May 2001 –October 2002

- **Web Developer,** AOCT Solutions, Rohini, New Delhi, July 2000 - May 2001

Courses Taught:

- Programming & Problem Solving using C.
- Object Oriented Programming (C++).
- UNIX and Shell Programming.
- Dot Net Technologies through C#.
- Dot Net Technologies through VB.Net
- Web Technologies using ASP.Net.
- System Analysis and Design.
- Object Oriented Analysis and Design.
- Software Engineering.

- Data Structures.
- Data Warehousing and Data Mining.
- Management Information System.
- Operating System Concepts.

Administrative Experience:

1. Project Coordinator, National Knowledge Networks since 31st of Oct, 2017.
2. Coordinator, University Sports Affairs, BGSB University Rajouri since November 2011.
3. Accredited representative for participation of University team/athletes in National/Zonal level games 2012-13.
4. Convener, Research, Development and Publication Cell of the Department of Computer Sciences and Information Technology.
5. Warden, Boys Hostel, BGSB University from November 2005 to January 2008.
6. Warden Boys Hostel, BGSB University from 2014 to till date.
7. Coding officer, B. Tech. Examinations.
8. Superintendent of Examinations, Department of and Computer Science and Department of Information Technology.
9. Convener, R & D Cell of the Department of Computer Sciences and Information Technology.
10. Supervising Major Projects (Final Semester) at MCA and M.Sc. (IT) level.
11. Coordinator for participation in 12th National Youth Parliament Competition for Universities/Colleges for 2014-15.
12. Member Internal Quality Assurance Cell (IQAC).
13. Member, Departmental Projects Committee.
14. Member, Purchase Committee, Network and Internet Related Purchases.
15. Member, Technical Committee for Establishment of Wi-Fi LAN and UTM in BGSB University.
16. Member, Departmental Admission Committee(s).
17. Member, University Survey Committee for surveying and verification of procurements made by different sections and departments of the University.
18. Member, Departmental Purchase Committee.
19. Member, University Awards Committee.
20. Member, University Anti Ragging Committee.
21. Member, University Discipline Committee.
22. Member of various Internal Assessment Record inspection committees.
23. Member of various End Term Examination inspection squads.
24. Member of various Inquiry Committees of the University related to student discipline.
25. Member of Core-Committee for first Convocation of BGSB University, December, 2012.
26. Member (Co-opted) Central Purchase Committee, BGSB University Rajouri.
27. Member, Departmental Research Committee (DRC) - Information Technology.
28. Member, M.Phil. Committee – Information Technology.
29. Member, Board of Studies for Computer Science.
30. Designed Syllabus for various courses for MSc Mathematics, MSc Applied Mathematics, MBA, MCA, BCA, MSc IT, BSc IT.
31. Member, Adhoc BOS in Information Technology in faculty of Mathematical Sciences, University of Jammu.
32. Member BOS, Department of Computer Sciences.
33. Member, M.Phil. Admission Committee in Department of Computer Science.

34. Member, PhD Admission Committee in Department of Information Technology

Publications:

Edited Books/Volumes/Chapters:

1. Proceedings of the National Seminar on Current Trends in Mobile Computing (CTMC'2008), BGSB University Rajouri, November, 28-29, 2008.
2. Proceedings of the National Conference on Recent Innovations & Advancements in Information Technology (RIAIT'2014), BGSB University Rajouri, November, 26-27, 2014, ISBN: 978-93-5212-284-4.

Journal Papers:

1. **Majid Bashir Malik**, M. Asger, Rashid Ali and TasleemArif (2016) "Preserving Privacy and Optimizing Neural Network Classification by using a Mix of Soft Computing Techniques." International Journal of Computer Applications, USA, ISSN: 0975-8887, Refereed, Indexed, Vol. 147, No. 10, pp. 1-7.
2. **Majid Bashir Malik**, M. Asger, Rashid Ali and Tasleem Arif (2016) "Fuzzy Framework for Preserving Privacy in Neural Networks Classification." International Journal of Computer Applications, USA, ISSN: 0975-8887, Refereed, Indexed, Vol. 144, No. 11, pp. 5-10.

International Conference Papers:

3. Tasleem Arif, Rashid Ali, M. Asger and **Majid Bashir Malik** (2015) "Author name disambiguation using a mix of hard & fuzzy clustering" International Conference on Advances in Computers, Communication and Electrical Engineering (COMMUNE-2015), Srinagar, India.
4. **Majid Bashir Malik**, M. Asger, Rashid Ali and Tasleem Arif (2015) "Privacy preserving data mining using fuzzy based approach." In Proceedings of International Conference on Advances in Computers, Communication and Electrical Engineering (COMMUNE-2015), Srinagar, India, ISBN: 978-93-82288-54-1, pp. 336-338.
5. Tasleem Arif, M. Asger, **Majid Bashir Malik** and Rashid Ali (2015) "Extracting academic social networks among conference participants." In Proceedings of 8th IEEE International Conference on Contemporary Computing-IC3-2015, IEEE Press, pp.42-47.
6. **Majid Bashir Malik**, M. Asger, Rashid Ali (2015), "A Model for Privacy preserving in Data Mining using Soft Computing Techniques" in the proceedings of 9th INDIACom: 2nd International Conference on Computing for Sustainable Global Development, New Delhi, India, IEEE Xplore.
7. **Majid Bashir Malik**, M. Asger, Rashid Ali (2012), "Privacy preserving in Data Mining Techniques: Current Scenario and Future Prospects", in the proceedings of 3rd International Conference on Computer and Communication Technology (ICCCT-2012), IEEE Xplore.

National Conference Papers:

8. **Majid Bashir Malik**, Rashid Ali, M. Asger and Tasleem Arif (2016) "Optimization of Neural Network Classification using Rough Sets", in the proceedings of UGC sponsored National Seminar on Emerging Trends in Data Sciences and Artificial Intelligence. DS & AI 2016.

9. **Majid Bashir Malik**, Rashid Ali, M. Asger and Tasleem Arif (2014) "Privacy preserving using fuzzy clustering." In Proceeding of National Conference on Recent Innovations and Advancements in Information Technology (RIAIT-2014), Rajouri, India, ISBN: 978-93-5212-284-4.
10. **Majid Bashir Malik**, Rashid Ali, M. Asger and Tasleem Arif (2014), "Privacy preserving using a mix of Hard and Soft Computing." In Proceedings of National Conference on Recent Innovations and Advancements in Information Technology (RIAIT-2014), Rajouri, India.
11. Tasleem Arif, Rashid Ali, M. Asger and **Majid Bashir Malik** (2014) "Author profile integration using digital citations and web mining techniques." In Proceedings of National Conference on Recent Innovations and Advancements in Information Technology (RIAIT-2014), Rajouri, India, ISBN: 978-93-5212-284-4.
12. Tasleem Arif, Rashid Ali, M. Asger and **Majid Bashir Malik** (2014) "Understanding research collaborations through co-authorship social networks." In Proceeding of National Conference on Recent Innovations and Advancements in Information Technology (RIAIT-2014), Rajouri, India, ISBN: 978-93-5212-284-4.
13. Muzafar Ahmad Dar, **Majid Bashir Malik** and Tasleem Arif (2014) "Data mining & soft computing: A review." In Proceeding of National Conference on Recent Innovations and Advancements in Information Technology (RIAIT-2014), Rajouri, India, ISBN: 978-93-5212-284-4.
14. Vinod Kumar, TasleemArif and **Majid Bashir Malik** (2014) "Role of ICT in driving e-commerce business in developing countries." In Proceeding of National Conference on Recent Innovations and Advancements in Information Technology (RIAIT-2014), Rajouri, India, ISBN: 978-93-5212-284-4.
15. **Majid Bashir Malik** (2008), "Applications and Trends in Data Mining", National Seminar on Current Trends in Mobile Computing
16. **Majid Bashir Malik**, Sanjay Jamwal (2007), "Information Commons and Issues", National Conference on Computing for Nation Development (IndiaCom 2007).

Invited Talks/Lectures:

1. **Lecturer series on C Language and its Applications in Mathematics**, National Workshop on C-Programming, Department of Mathematical Sciences, BGSB University Rajouri, 2016.
2. **Lectures Series on Operating System Concepts**, Department of Information Technology, Kishtwar Campus, University of Jammu, 2012.
3. **Keynote Speaker in National Conference** on "Innovative Trends in Computer Science and Research", ITCSR-2017.

Events Organized:

1. AICTE Sponsored National Seminar on "Current Trends in Mobile Computing-CTMC' 2008".
2. Inter departmental sports competition in University 2008.
3. AICTE sponsored Staff Development Program on Soft Computing, Department of Computer Sciences, BGSB University
4. Inter departmental sports competition in University 2009.
5. Inter departmental sports competition in University 2010.
6. Quiz and Seminar on "Impact of Internet on our Daily Life", September 2013.
7. UGC sponsored workshop on "Information Literacy and Plagiarism"

8. DST (Department of Science & Technology, Govt. of India) Sponsored National Conference on "Recent Innovations and Advancements in Information Technology-RIAIT'2014" November 2014.
9. National Seminar on "Research Opportunities and Challenges in Computer Sciences"- October 2015
10. UGC Sponsored National Seminar on "Emerging Trends in Data Sciences & Artificial Intelligence-DS&AI' 2016" March 2016.
11. National Workshop on "Linux Administration and Open Source Applications Softwares"- March 2016.
12. National Conference on "Innovative Trends in Computer Science and Research", ITCSR-2017.

Seminars/Conferences Attended:

1. National Conference on Computing for Nation Development, INDIACom, 2007.
2. National Seminar on Current Trends in Mobile Computing, Rajouri, India, November, 2008.
3. 3rd International Conference on Computer and Communication Technology (ICCCT-2012).
4. National Workshop on Recent Trends in Mathematics and Their Applications, BGSB University, Rajouri (March 2012).
5. National Seminar on Applications of Mathematics to Science and Technology, Rajouri, India, September, 2012.
6. National Conference on Recent Innovations and Advancements in Information Technology (RIAIT'2014), Rajouri, India, November, 2014.
7. Workshop on Information Literacy and Plagiarism, BGSB University, Rajouri (December 2014).
8. 9th INDIACom: 2nd International Conference on Computing for Sustainable Global Development, New Delhi, India (2015).
9. International Conference on Advances in Computers, Communication and Electronic Engineering (COMMUNE), Srinagar, India, March, 2015.
10. National Seminar on Emerging Trends in Data Sciences & Artificial Intelligence (DS&AI'2016), Rajouri, India, March, 2016.
11. National Workshop on "Linux Administration and Open Source Applications Softwares"- March 2016.
12. National Conference on "Innovative Trends in Computer Science and Research", ITCSR-2017.

Research Methodology Courses:

1. UGC Sponsored **General Orientation Course**, Academic Staff College, University of Jammu, Jammu J & K (2008).
2. AICTE sponsored **Staff Development Programme on Soft Computing**, BGSB University, Rajouri, J&K (2009)
3. UGC Sponsored **Refresher Course (Information Technology)**, Academic Staff College, University of Jammu, Jammu, J&K (2013).
4. UGC Sponsored **Workshop on Information Literacy and Plagiarism**, BGSB University Rajouri, J&K, India (2014).

Membership:

1. Member, Board of Studies of Information Technology, Faculty of Mathematical Sciences, University of Jammu, Jammu & Kashmir, India.

2. Member, Board of Studies of Computer Science, School of Mathematical Sciences & Engineering, BGSB University Rajouri, Jammu & Kashmir, India.

Awards and Honours:

1. Received Letter of Appreciation from Vice Chancellor, BGSB University Rajouri for organizing Sports Event 2008

Other Achievements:

1. Played key role in updating course curriculum of undergraduate and postgraduate courses of the Department of Information Technology, BGSB University Rajouri, J&K, India in 2007, 2010, 2013 and 2016.
2. Designed and updated a number of courses of Master's of Computer Applications of the Department of Computer Sciences, BGSB University Rajouri, J&K, India.
3. Chaired a Technical Session of National Conference on "Innovative Trends in Computer Science and Research", ITCSR-2017.
4. Accompanied as Manager for Men's Contingent in First State University, Championship held at University of Jammu, Jammu - 2017

Personal Details:

Father's Name:	Mr. Bashir Ahmed Malik
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References:

1. Prof. Mohammed Asger
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   BGSB University Rajouri
   Jammu & Kashmir, India.
   m_asger@yahoo.com

2. Prof. Vinod Sharma
   Head, Department of Computer Science and Information Technology
   University of Jammu, Jammu,
   J & K, India.

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   Aligarh Muslim University Aligarh,
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