Curriculum Vitae

Dr. Qamar Rayees Khan

Sr. Assistant Professor/ Head of the Department
Department of Computer Sciences
BGSB University, Rajouri (J&K) 185234.

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E-mail	:	qamarrayees@bgsbu.ac.in, headdcs@bgsbu.ac.in, rayees.dcs@gmail.com
Address	:	Qamarwari, Srinagar, Kashmir-190010 (Actual Address).
	:	Faculty Apartments, Block BC, Apartment No. 04, BGSB University, Dhanore Rajouri-185234. (Present Address)

Education :

Examinations	Name of the Board/University
Ph.D. Computer Science	BGSB University
MCA (Masters in Computer Application)	Kashmir University
B.Sc. Medical	Kashmir University
Higher Secondary (10+2)	Board of School Education
High School/ Matric	Board of School Education

Parentage	:	Mr. Ghulam Mohammad Khan
Marital Status	:	Married
Passport No.	:	M1007127
Objectives	:	

- To be a part of an organization where hard work will be rewarded and where career advancement will always be a possibility.
- To accomplish and fulfill my desire to be happy in an environment where I can offer my experiences.
- To enhance my educational and professional skills in a stable and dynamic workplace.
- To bring my strong sense of dedication, motivation, and responsibility to the Institution, and to utilize my skill set for the betterment of the institution.

Experience Details

BGSB University, Rajouri (J&K)	:	August 08, 2005 till date (**13.4 yrs**)
Government Degree College for Women Baramulla, Kashmir	:	May-July, 2004. **(02 Months)**
S.S.M. College of Engineering & Technology Divar, Parihaspora Pattan, Kashmir	:	Nov – Dec 2004. **(02 Months)**
Total Experience	:	**13.8 years.**

Details of Teaching/Administrative Experiences in Chronological Order

Assistant Professor (August, 2005 till present)
Post Graduate Department of Computer Science, BGSB University Rajouri (J&K).

- Serving as Head, Department of Computer Sciences (Second Term), BGSB University, Rajouri from November 2016 till date apart from the academic assignments.
- Serving as Head, Department of Computer Sciences (First Term), BGSB University, Rajouri from February 2012 till May 2016, apart from the academic assignments

Contractual Lecturer (December, 2004 to July, 2005)
S.S.M. College of Engineering & Technology, Divar, Parihaspora Pattan, Kashmir
& Government Degree College for Women, Baramulla, Kashmir

- Lecturer in Government Degree College for Women, Baramulla, Kashmir, for teaching BCA & B.COM courses offered by the college.
- Lecturer in S.S.M. College of Engineering & Technology, Divar, Parihaspora Pattan, Kashmir for teaching B.E & MCA courses offered by the college.

Membership/ Details of Experiences other than Teaching

- Pro-Proctor, BGSB University Rajouri till March, 2018.
- Member of BGSB University Anti-Ragging Committee.
- Incharge Computer Maintenance (CMW) Wing of the BGSB University.
- Incharge BGSB University Website.
- Incharge Instrumentation Maintenance Wing (IMF) of the BGSB University.
- Member of Board of Studies in BCA & MCA Programmes of the BGSB University from time to time.

- Member of M.Phil Research Committee of the Department of Computer Sciences, of the BGSB University.
- Member of Departmental Research Committee (DRC) of the Department of Computer Sciences, of the BGSB University.
- Coordinating Research Activities in the Department of Computer Sciences, of the BGSB University.
- Organizing coordinator of Cultural Programs in the BGSB University from 2005 – 2012.
- Organizing Computer Literacy programs in the BGSB University.
- Visiting Faculty for Engineering College of BGSB University Rajouri.
- Chairman of Academic Project Committees of BCA & MCA of the Department of Computer Sciences, of the BGSB University.
- Member of Anti Ragging committee of the BGSB University.
- Member of Technical Inspection survey committee of the BGSB University.
- Member of National Knowledge Network (NKN) of the BGSB University wef (2011- 2016).
- Member of Guest Houses committee of the BGSB University.
- Member of purchasing committee of the BGSB University.
- Member of Examination Inspection Squad committee of the BGSBU University.
- Member of Inspection Award committee of the BGSBU University.
- Member of Industrial Training Institute (ITI) Mander, Poonch (J&K) (2014- Till date) .
- Member of Industrial Training Institute (ITI) Surankote, Poonch (J&K) (2014- Till date) .
- Incharge BCA & B.COM Computer lab in Department of Computer Science & Commerce, Government Degree College for Women, Baramulla, Kashmir (May, 2005- July, 2005) .
- Member of Library books purchasing committee of BCA & B.COM , Government Degree College for Women, Baramulla, Kashmir (May, 2005- July, 2005) .
- Incharge MCA Computer Programming labs in Department of Computer Science, S.S.M. College of Engineering & Technology, Divar, Parihaspora Pattan, Kashmir (Dec, 2004- Jan, 2005) .

Details of Publications

Publications

- Rayees Q. Khan, Butt Muheet A., Asger M., 2017, "**Preserving Information integrity using INTRUSION DETECTION SYSTEM – A Novel Approach**", Information Systems and Management- Springer. (Under Review Submitted on : 28-07-2017)
- Rayees, Q. Khan, Butt, Muheet A & Asger, M., Zaman M, 2015, **Improving information integrity using ARTIFICIAL BEE COLONY BASED INTRUSION DETECTION SYSTEM**, Inter Jour. of Comp. Science-IJCA", ISSN: (0975 – 8887), vol. 130 no. 06, pp: 12-23.
- Rayees, Q. Khan, Butt, Muheet A & Asger, M., Zaman M, 2015, **Integrity Model based Intrusion Detection System: A Practical Approach**, Inter Jour. of Comp. Science-IJCA", ISSN: 0975-8887, vol. 115 no. 10.p : 9-12.
- Rayees, Q. Khan, Butt, Muheet A & Asger, M., Zaman M, 2015**, Threat Mitigation Strategy in Information System using Intrusion Detection System: A General Classification Reviews**, Inter Jour. of Comp. Science-IJCA", ISSN: 0975-888D, vol 15 no10. P.4 : 4-8.
- Rayees, Q. Khan, Butt, Muheet A & Asger, M., 2013, **Review of Intrusion and Anomaly Detection Techniques**, Inter Jour of Modern Engg. Research-IJMER", ISSN: 2249-6645X, 4 : 1-7.
- Jeelani, W, Bakshi, Butt, Muheet A, Rayees, Q, Khan, Zaman, M, 2013**, Intelligent Mobile Network Services: An ultimate Solution**, Inter Jour of Advance Research in computer science & software Engineering-IJARCSSE ISSN: 2277 128X , 3 , 926-930.
- Rayees, Q. Khan, Butt, Muheet A & Asger, M., 2013, **Information Cleanup Formulation: Pragmatic Solution**, Inter Jour of Global Resc. in Comp.Sci.-IJGRCS", ISSN: 2229-371X, 4 : 83-87.
- Rayees, Q. Khan, Butt, Muheet A & Asger, M.,2012, **A Novel Approach based information Integrity Modeling**, Inter Jour of Eng Sci and Innovative Tech -IJESIT", ISSN:23195967, 2 : 210-215 .

Conference /Workshop Proceedings

- Bhat Ashiq. H, Khan Q.R, Prabhu Puniethaa (2017) , "**OTU Clustering: A Window to Analyze Uncultured Microbial World**", in Innovative Trends in Computer Science Research-ITCSR-2017, organized by the Department of Computer Sciences, BGSB University Rajouri on February 25-26th, 2017.
- Khan Q.R, Naz. S, Sheikh. T.H (2017) , "**A Study of Challenges & Opportunities in Digital forensic- Big Data**", in Innovative Trends in Computer Science Research-

ITCSR-2017, organized by the Department of Computer Sciences, BGSB University Rajouri on February 25-26th, 2017.

- Khan Q.R, Asger M (2016) , **A Novel Threat Mitigation Management in Information Systems using Mathematical Model,** in National Conference on "Analysis, Wavelets And their Applications - 2016)",organized by Department of Mathematics, BGSB University Rajouri.

- Rayees Q. Khan, Butt Muheet A, Asger M., 2016, **Classification of IDS: A General Review**, National Seminar on Data Sciences & Artificial Intelligence (DS&AI-2016), organized by the Department of Information Technology, BGSB University, Rajouri.

- Rayees Q. Khan, Butt Muheet A, Asger M., 2015**, Intrusions: A Threat to Information Integrity**, National Seminar on Recent Opportunities & Challenges in Computer Sciences (ROCCS-2015), organized by the Department of Computer Sciences, BGSB University, Rajouri.

- Rayees, Q, Khan, 2015, **Scenario of WIFI Technologies in Education Sector,** in National Workshop on Wireless & Computer Networks (WWCN-2015) organized by NKN in collaboration with Department of Computer Sciences BGSB University.

- Bhat Ashaq H., Rayees, Q. Khan, Thakur. R.S, 2014, DNA **SEQUENCE ALIGNMENT: METHODS AND THEIR ANALYSIS**, in National Conference on "Recent Innovations and Advancements in Information Technology (RIAIT-2014)", BGSB University Rajouri.

- Rayees, Q, Khan, Mubasher H, Bhat, Muheet A, Asger M, 2013, **Threat Mitigation in information Systems using Data Mining Techniques: A General Review**, 9th JK Science Congress, University of Kashmir.

- Mubasher H, Rayees, Q, Khan, 2013, **Adaptive Filters for Minimization of Intersymbol Interference (ISI) in Wireless Communication**, 9th JK Science Congress, University of Kashmir.

- Khan Q.R, Asger M (2008) (2008)" **Information system in Business: A Critical Review**", An Invited talk in AICTE sponsored National Seminar on Current Trends in Mobile Computing (CMTC-08), held at BGSB University.

- Pir M.Y, Khan Q.R, Asger M (2008) " **Current Challenges in Mobile Communication- A General Review**", AICTE sponsored National Seminar on Current Trends in Mobile Computing (CMTC-08), held at BGSB University.

- Pir M.Y, Khan Q.R, Asger M (2008) " **General Information Security Concerns in Business Organizations**", 4th J& K Science Congress held at University of Kashmir.

Workshops / Seminars / Refresher courses / Orientation courses Attended

- Participated in TEQIP-III Sponsored One Week Workshop on Machine Learning: Tools and Techniques, organized by the Department of Computer Sciences Engineering & Department

of Information Technology Engineering , BGSB University Rajouri in Collaboration with Aligarh Muslim University, AMU, on October 31- November 04, 2018.

- Participated in UGC Sponsored **Special Summer School in Sciences/Refresher course (Inter-disciplinary)** in UGC, Human Resource Development Centre, University of Kashmir. August 09 – September 07, 2018.
- Participated in two Day National Conference on **Innovative Trends in Computer Science Research-ITCSR-2017**, organized by the Department of Computer Sciences, BGSB University Rajouri on February 25-26th, 2017.
- Participated in one day Seminar on **Big Data: Opportunities & Challenges BDOC-2016**, organized by the Department of Computer Sciences, BGSB University Rajouri on December 14, 2016.
- Participated in one day workshop on **Intellectual Property Rights-2016**, organized by the Centre for Biodiversity, BGSB University Rajouri on October 14, 2016.
- Participated in the Eight day National Workshop on **Linux Administration & Open Source Application Softwares,** organized by the Department of Computer Science, BGSB University Rajouri from March 11- 18, 2016.
- Participated in the 10 day workshop on **Information Literacy and plagiarism,** organized by the central library BGSB University Rajouri from March 10 – 19, 2015.
- Participated in National Conference on "**Recent Innovations and Advancements in Information Technology (RIAIT- 2014)**", organized by the Department of Information Technology, BGSB University Rajouri, November 26-27, 2014.
- Participated UGC Sponsored **Refresher course in Basic and Applied Science**. Academic Staff College, University of Kashmir on May 7 – 28, 2013.
- Participated in two day workshop on **Curriculum for MCA & BCA Programme** organized by the Department of Computer Sciences, University of Kashmir on July 2007.
- Participated in four week **General Orientation Course** organized by Academic Staff College,University of Kashmir, July 2008.
- Participated in two week **AICTE sponsored Staff Development Programme** organized by Department of Computer Sciences, BGSB University, June 2009.

Conferences / Workshops / Seminars Organized

- Convenor/Organizing secretary in two Day National Conference on **Innovative Trends in Computer Science Research-ITCSR-2017**, organized by the Department of Computer Sciences, BGSB University Rajouri on 25-26th February, 2017.
- Organizing secretary in one Day National Seminar on **Big Data: Opportunities & Challenges BDOC-2016**, organized by the Department of Computer Sciences, BGSB University Rajouri on 14th December, 2016.
- Organizing secretary in Eight Days National Workshop on **Linux Administration & Open Source Application Softwares** organized by the Department of Computer, BGSB University Rajouri from 11th March to 18th March, 2016.

- Organizing secretary in one Day National Seminar on **Research Opportunities & Challenges in Computer Science (ROCCS-2015)** organized by the Department of Computer Sciences, BGSB University, Rajouri on 10th of October 2015.
- Organizing secretary in Two Day National Workshop on **Wireless & Computer Networks (WWCN-2015)** jointly organized by the National Knowledge Network (NKN) & Department of Computer Sciences, BGSB University, Rajouri, on 27th-Feb-2015 to 28th-feb-2015.
- Organising member of Two Day National Conference on **Recent Innovations and Advancements in Information Technology (RIAIT-14)**, jointly organized by the Department of Computer Sciences & Department of Information Technology , Baba Ghulam Shah Badshah University, Rajouri,on November 26-27, 2014.
- Organized Two Day AICTE sponsored National conference on **Current Trends in Mobile Computing (CMTC-08)**, organized by the Department of Computer Sciences, BGSB University Rajouri on November 28-29, 2008.

Invited Lectures

- Invited as resource person in the workshop on the theme **ITC based Learning and Professional Development** organised by the School of Education, Central University of Jammu, on December 13, 2017.
- Invited as resource person in the workshop on the theme **C Programming and Matlab** organised by the Department of Mathematics, BGSB University Rajouri on April, 2016.
- Invited for guest lecture in Computer courses in Department of Arabic Studies, BGSB University Rajouri.
- Invited for guest lecture in Computer courses in Department of Management Studies, BGSB University Rajouri.
- Invited for guest lecture in Computer courses in Department of Mathematics, BGSB University Rajouri.
- Invited for guest lecture in Department of Information Technology Engineering College, BGSB University Rajouri.

Short Term Courses Attended

- Training course on Advanced Java, Linux Internals, and PC troubleshooting, Embedded Systems from **Signifera Software Solutions, Mysore – Karnataka,** in 2003.
- Training course from **TTTI, Chandigarh** on PC Assembling, Networking, C under Linux, VB6.0 with Oracle in 2002.
- Certificate of Computing (CIC) from **IGNOU** in 2001.

Course Papers Taught at UG/PG Level (Area of Interest)

- Database Management Systems.
- Programming and Problem solving using C.
- Object Oriented Programming Using C++.
- Software Engineering.
- PC Software & Applications.
- JAVA Programming.
- Artificial Intelligence.
- Wireless & Mobile Communication.
- Advanced JAVA.
- Management Information System.
- Information Systems Analysis & Design.

Academic Projects Supervised

- BCA (Academic Projects)   : **15**
- MCA (Academic Projects)   : **36**
- M.Sc. IT (Academic Projects)   : **14**
- M.Sc. Computer Science   : **12**

Research Scholars Supervised/Enrolled

- Ph.D   : **02 (Enrolled)**

Honours/Awards

- Certificate of Appreciation from Hon'ble Governor of J&K Sate for leading the team of Software developers for Designing & Developing University website in 2018.
- Certificate of Appreciation from Hon'ble Vice Chancellor BGSB University for Organizing and successfully conducting cultural Events in 2009 .

References

Prof. M. Asger
Dean, School of Mathematical & Computer Sciences,
BGSB University, Rajouri (J&K) 185234.

Prof. S. M. K. Quadri
Department of Computer Sciences .
Jamila Millia Islamia University, New Delhi.

Prof. Muhammad Obaidullah Bokhari
Chairman, Department of Computer Sciences.
Aligarh Muslim University, AMU Aligarh.

Prof. Atul Gonsai
Department of Computer Science,
Saurashtra University, Rajkot.

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

Qamar Rayees Khan