

Curriculum Vitae

Muheet Ahmed Butt

B. E (CS & Eng.), M. Tech (CIT), Ph. D (CS),

FIETE, MIE, MISTE, MCSI

Scientist "D",

Post Graduate Department of Computer Science,

University of Kashmir, Hazratbal, Srinagar – 190006.



Web Site: www.kashmiruniversity.net/cs.uok.edu.in
Telephone: (0194) 2420408(O) 2461454(R) 2420565 (Fax)
Mobile: +919419017904;
E-mail: ermuheet@gmail.com/ermuheet@kashmiruniversity.net
Education: **B. E. (Computer Science & Engineering)**

(Bangalore University)

M. Tech. (Communication & Information Technology)

(National Institute of Technology [NIT], Srinagar)

Ph. D. (Computer Science)

(University of Kashmir, Srinagar)

FIETE, FIZOR, MISTE, MIE, MCSI

Percentage of Marks in Qualifying Examination (M. Tech.): **80.0%**

Date of Birth October 15, 1977

Marital Status: Married with Two Kids.

Passport No/ Visa: K5579061 with 10 Years Multiple Entry USA VISA [F1474360]

Objectives: 1. To be a part of an organization where hard work will be rewarded and where career advancement will always be a possibility. 2. To accomplish and fulfill my desire to be happy in an environment where I can offer my experiences. 3. To learn more as I grow in an organization or with an employer who is willing to give me a chance to improve and use many other skills that I have and am willing to learn, if given the opportunity.

Research Specialization: Data Mining, Intrusion Detection, Data Warehousing, ETL, Image Processing, Steganography

Industry Specialization: Dot NET, Java, Oracle SQL Plus, PL/SQL, MS SQL Server, MY SQL, LAMP, MATLAB, C, C++, WEB Designing.

Consultancy: Hon'ble Vice-Chancellors Nominee to Higher Education Department, Government of Jammu & Kashmir (UT).

Experience Details

University of Kashmir: June, 2000 till Date (18 Years)

Pentafour Communications: Sept, 1999 to May, 2000 (8 Months)

Experience in University Examinations: **8 Years** and providing consultancy to the software solutions developed for University Examinations till date.

Total Working Experience: **22 Years.**

Details of Experiences in Chronological Order

Scientist "D" (October, 2012 till present)

Post Graduate Department of Computer Science, University of Kashmir, Srinagar

- Faculty Member for MCA and PGDCA Courses offered by Post Graduate Department of Computer Science, University of Kashmir, Srinagar.
- Nominee of Hon'ble Vice-Chancellor in Higher Education Department, Government of Jammu and Kashmir (UT) since January 09, 2020 till Date.
- University Registered Research Supervisor for M. Phil. And Ph. D. Students and coordinating research activities in the Department.
- Member of University of Kashmir Council [September 2007 onwards].
- President of Kashmir University Teachers Association (KUTA) [September 2017 onwards].
- Member of Kashmir University Alumni Executive Council (2018-2023)
- In-charge High End trainings, Projects and Computer Labs for the Department.
- Departmental Coordinator for NAAC (National Assessment Accreditation Council)
- Coordinator of various workshops in the Department.
- Coordinating Extra Circular Activities for the Students like Picnic & Sports
- Coordinator for conducting various online examinations at all India level in the University.
- Organizing Computer Literacy programs in the University and other institutions
- Coordinator Sports Activities in the Department.
- Script Writing for Distance Education Courses on Information Technology.
- Visiting Faculty for PG Department of Computer Science, University of Kashmir, Srinagar, Institute for Management & Public Administration (IMPA), J&K, and North & South Campuses of University of Kashmir, Srinagar, Islamic University of Science and Technology, Awantipora, Baba Ghulam Shah Badshah University, Rajouri.

Scientist "B" (December, 2011 to September, 2012)

Directorate of Information Technology & Support Systems, University of Kashmir, Srinagar

- Incharge Software Development and Maintenance for University Administration, Examinations, Academics.
- Faculty Member for M. Sc. (IT) offered by Directorate of Information Technology, University of Kashmir, Srinagar.
- Visiting Faculty for PG Department of Computer Science, University of Kashmir, Srinagar, Institute for Management & Public Administration (IMPA), J&K, and North & South Campuses of University of Kashmir, Srinagar, Islamic University of Science and Technology, Awantipora, Baba Ghulam Shah Badshah University, Rajouri.
- Organizing Computer Literacy programs in the University of Kashmir.
- Script Writing for Distance Education Courses on Information Technology.
- Coordinating Research Activities [Perusing Ph. D in Computer Science Stream].

Scientist "B" (March, 2004 to November, 2011)

Examination Wing, University of Kashmir, Srinagar

- Design, Development, Customization & Maintenance of Examination Automation software responsible for preparation of around 400 evaluation & 400 re-evaluation results of courses for

around 3 Lakh Students enrolled in more than 300 affiliated Colleges offering courses at Under & Post Graduate level every year and are affiliated to the University of Kashmir, Srinagar.

- Technologist & Team Leader, E-Governance Project Funded by Ministry of Communication and Information Technology, Govt. of India, New Delhi for Examination & Administration, University of Kashmir, Srinagar.
- Technologist for the Design & Management of University Official Website (Examination Module).

Trainee Engineer (January 2004– March, 2004)

- Design and Development of University Registration Software (Client and Server Module) software at Signifera Software Solutions, Mysore deputed by University of Kashmir.
- Design & Development of University Examination Automation Software Phase 1 and 2.

Contractual Lecturer and Network Administrator (June, 2002– January, 2004)

Post Graduate Department of Computer Science, University of Kashmir, Srinagar

- Taught various Post Graduate Courses like (Oracle 8.0, Java 2.0, Numerical Analysis, Digital Electronics, C and C++, Visual Programming Internet and Java, E- Commerce Application Development) to MCA students.
- Acted as an Academic Counselor for Indira Gandhi National Open University.
- Network Administrator for Lab. (Worked on Managed CISCO Switches)
- Troubleshooting of Computer Hardware.

Contractual Lecturer and Computer Engineer (June 2000 – May 2002)

The Business School, University of Kashmir, Srinagar

- Taught various Post Graduate Courses like (Oracle, Developer 2000, Management Information System, E-Commerce Application, and Office Automation Systems) to MBA Students.
- Maintenance and troubleshooting of Network and Computer Lab.

Executive Faculty – Cum – Software Engineer (September 1999 – May 2000)

Pentastoft: A Division of Pentafour Communications

- Designed, Developed and Guided Software Application projects for various organizations.
- Provided Computer Training to Govt. Administrative Officials
- Designed Websites for various Organizations.

Courses Taught at UG and PG Level

- Programming Languages: C, C++, Java, ASP, Pascal, FORTRAN, JavaScript, jQuery, jQuery UI. PHP, HTML, XHTML, MATLAB
- Visual Programming: [Visual Basic 6.0, 2002, 2008, 2010, 2013, 2015] ASP 2.5, 3.0, 4.0, 2005, 2008, CSS, Java Programming, Java Net beans, J Builder, [C# 2008, 2010, 2012, 2013, 2015].
- Database Management Systems: [Oracle 10G, 9i, 8i, 8, 7], My SQL, MS SQL Server, JavaDB, Access
- Numerical Techniques, Software Engineering, Operating Systems, Digital Electronics, System Analysis and Design, Management Information Systems, Decision Support Systems, System Software.
- Grid and Cloud Computing, Pervasive Computing

Research Guidance

S. No.	Name of Scholar	Topic of Research	Degree	Date of Joining	Date of Completion
1.	Musavir Hassan	Comparative study of various Stenographic Techniques for Digital Images.	M. Phil	08-08-2014	15-June-2016
2.	Qamar Rayees Khan	Analyzing and Interpreting the Threat Mitigation Strategies in Information Systems: Conceptual and Operational Explorations	Ph. D.		Completed
3.	Samiah Jan Nasti	Extraction of Useful Information from Web Content Using Various Techniques.	Ph. D	October 2013	August 18, 2018
4.	Nasir Majeed	Intrusion Detection Systems	M. Phil	08-08-2014	Completed
5.	Basharat Hameed	A Novel Framework of Web Content and Usage Mining for Information Extraction in Real Environments.	Ph. D	08-08-2014	Pursing
6.	Razeef Mohd	Adaptive Data Mining Approaches for Effective Predictive Analytics	Ph. D	01-10-2015	Completed
7.	Musavir Hassan	Design and Evaluation of Privacy Preserving Data Mining Models for Distributed Healthcare Systems	Ph. D.	16-06-2016	Pursuing
8.	Ifra	Not Finalized Yet	M. Phil	06-09-2018	Pursuing
9.	Ms. Aasia Rehman	Not Finalized Yet	Ph. D	06-09-2018	Pursing
10.	Ms. Lubna	Not Finalized Yet	Ph. D	06-09-2018	Pursuing

Details of Publications

Journal Publications

- 1) "How Machine Learning is Redefining Geographical Science: A Review of Literature", International Journal of Emerging Technologies and Innovative Research (www.jetir.org), ISSN:2349-5162, Vol.6, Issue 1, page no.1731-1746, January 2019, Available :<http://www.jetir.org/papers/JETIRDW06285.pdf>
- 2) Hassan, Musavir, Muheet Ahmed Butt, and Majid Zaman. "An Ensemble Random Forest Algorithm for Privacy Preserving Distributed Medical Data Mining." International Journal of E-Health and Medical Communications (IJEHMC) 12.6 (2021): 1-23.

- 3) Mohd, R., Butt, M. and Baba, M. (2020), "**GWLM–NARX: Grey Wolf Levenberg–Marquardt-based neural network for rainfall prediction**", Data Technologies and Applications **EMERALD INSIGHT**, Vol. ahead-of-print No. ahead-of-print. <https://doi.org/10.1108/DTA-08-2019-0130>
- 4) Majid Zaman, Sameer Kaul and Muheet Ahmed. —**Analytical Comparison between the Information Gain and Gini Index using Historical Geographical Data**” (IJACSA) International Journal of Advanced Computer Science and Applications, (pp. 429-440), Vol.11, No. 5, 2020.
- 5) Ashraf, Mudasir, Majid Zaman, and Muheet Ahmed. "**An Intelligent Prediction System for Educational Data Mining Based on Ensemble and Filtering approaches.**" *Procedia Computer Science* 167 (2020): 1471-1483.
- 6) Ashraf, Mudasir, Majid Zaman, and Muheet Ahmed. "**To ameliorate classification accuracy using ensemble vote approach and base classifiers.**" In *Emerging Technologies in Data Mining and Information Security*, pp. 321-334. Springer, Singapore, 2019.
- 7) Ifra Altaf, Muheet Ahmed Butt, Majid Zaman, S. Jahangir Sidiq, "**A Comparative Study of Various Data Mining Algorithms for effective Liver Disease Diagnosis A decade review from 2010 to 2019.**", Volume 6, Issue 1 PP 980-995, January 2019
- 8) Sheikh Amir Fayaz, S. Jahangir Sidiq, Majid Zman, Muheet Ahmed, "**How Machine Learning is Redefining Geographical Science: A Review of Literature**", *Journal of Emerging Technologies and Innovative Research (JETIR)*, Volume 6, Issue 1 PP 1731-1746, January 2019
- 9) Roheela Amin, Sushma Gupta, Muheet Ahmed Butt, Majid Zaman, "**A decision Tree Based Approach for Data Analysis and Fault Prediction For Wind Turbine Using SCADA dataset**", *International Journal of Engineering Development and Research (IJEDR)*", Volume 6, Issue 4 | ISSN: 2321-9939, PP 510-518, 2018
- 10) Syed FajarHazrat, Pooja Khatri, Muheet Ahmed Butt, Majid Zaman, "**Grid Monitoring Using Solar SCADA Dataset**", *IOSR Journal of Electrical and Electronics Engineering (IOSR-JEEE)*, e-ISSN: 2278-1676,p-ISSN: 2320-3331, Volume 13, Issue 5 Ver. II (Sep. – Oct. 2018), PP 39-48, www.iosrjournals.org [UGC Approved Journal].
- 11) Miftah Ul Uroos,Dimple Goyal,Muheet Ahmed Butt,Majid Zaman, "**A REVIEW OF IMAGE STEGANOGRAPHY**", *International Journal of Creative Research Thoughts (IJCRT)*, ISSN:2320-2882, Volume.6, Issue 2, pp.1333-1342, APRIL 2018, Available at :<http://www.ijcrt.org/papers/IJCRT1813267.pdf>
- 12) Khaitul Abeez, Sandeep Sangwan, Majid Zaman, Muheet Ahmed, Junaid Rasool, "**Framework for Multi-Round Security Algorithm**", *International organization of Scientific Research (IOSRJEN): IOSR Journal of Engineering*, ISSN (e): 2250-3021, ISSN (p): 2278-8719 Vol. 08, Issue 8 (August. 2018), Page No 29-41, www.iosrjen.org, [UGC Approved Journal].
- 13) ASHRAF, Mudasir; ZAMAN, Dr. Majid; AHMED, Dr. Muheet. "**Role of Effectual Predictors of Academic Achievement: An Analytical Study on Select Course Adopted**". *Artificial Intelligent Systems and Machine Learning*, [S.l.], v. 10, n. 4, p. 98-101, apr. 2018. ISSN 0974 – 9543. Available at: <http://www.ciitresearch.org/dl/index.php/aiml/article/view/AIML042018004>.
- 14) Mr. Sameer Kaul , Roheela Amin, Er. Sushma Gupta, Dr. Majid Zaman Dr. Muheet Ahmed, "**Integrated Design for Energy Generation and Weather Forecasting Using Different Base Learners on Wind & Rain Dataset**", *International organization of Scientific Research (IOSRJEN): IOSR Journal of Engineering*, ISSN (e): 2250-3021, ISSN (p): 2278-8719, Vol. 08, Issue 9 (September. 2018), Pages 01-10 www.iosrjen.org, [UGC Approved Journal].
- 15) Imran Rashid Bandy, Majid Zaman, S. M. K. Quadri, Muheet Ahmed Butt, "**Big Data Mining: A Literature Review**", *International Journal of Research in Electronics and Computer Engineering (IJRECE)*, Volume 6 Issue 3, July-September, 2018, ISSN: 2393-9028 (PRINT) | ISSN: 2348-2281 (ONLINE) Page No. 1694-1697 [UGC Approved Journal].

- 16) Razeef Mohd, Muheet Ahmed Butt, Majid Zaman, **"Comparative Study of Rainfall Prediction Modeling: A Case Study on Srinagar, J&K, India"**, Asian Journal of Computer Science and Technology, (AJCST), Volume 6 Issue 1, August 2018. ISSN 2249-0701. *[UGC Approved Journal]*.
- 17) Sidiq, S. Jahangeer, Majid Zaman, and Muheet Butt. **"A Comprehensive Review on Class Imbalance Problem."** Artificial Intelligent Systems and Machine Learning 10.3 (2018): 59-65. *[UGC Approved Journal]*.
- 18) Sidiq, S. Jahangeer, Majid Zaman, and Muheet Butt. **"A Framework for Class Imbalance Problem Using Hybrid Sampling."** Artificial Intelligent Systems and Machine Learning 10.4 (2018): 83-89. *[UGC Approved Journal]*.
- 19) Sidiq, S. Jahangeer, Majid Zaman, and Muheet Butt. **"An Empirical Comparison of Classifiers for Multi-Class Imbalance Learning."** International Journal of Data Mining And Emerging Technologies 8.1 (2018): 115-122. *[UGC Approved Journal]*.
- 20) Mudasir Ashraf, Majid Zaman, Muheet Ahmed, **"Using Ensemble StackingC Method and Base Classifiers to Ameliorate Prediction Accuracy of Pedagogical Data"**, Procedia Computer Science (ELSEVIER), Volume 132, 2018, Pages 1021-1040,ISSN 1877-0509, <https://doi.org/10.1016/j.procs.2018.05.018>, *[UGC Approved Journal]*.
- 21) Miftah ul Uroos, Dimple Goyal, Muheet Ahmed Butt, Majid Zaman, **"A Review of Image Steganography"**, International Journal of Creative Research Thoughts, IJCRT, Volume 6, Issue 2, ISSN: 2320-2882, April 2018, *[UGC Approved Journal]*.
- 22) Roheela Amin, Sushma Gupta, Muheet Ahmad Butt, Majid Zaman, **"Review of SCADA System for Wind Energy Generation"**, International Journal of Creative Research Thoughts, IJCRT, Volume 6, Issue 2, ISSN: 2320-2882, April 2018, *[UGC Approved Journal]*.
- 23) Syed Fajar Hazrat, Pooja Khatri, Muheet Ahmed Butt, Majid Zaman, **"Review of SCADA System for Photovoltaic Power Plants"**, International Journal of Creative Research Thoughts, IJCRT, Volume 6, Issue 2, ISSN: 2320-2882, April 2018, *[UGC Approved Journal]*.
- 24) Musavir Hassan, Muheet Ahmed Butt, Majid Zaman, **"Privacy Protection and Security Challenges in Electronic Healthcare Records"**, International Journal of Advance Research in Science and Engineering (IJARSE)", Volume 7, Special Issue No 4, March 2018., ISSN (P): 2319-8346, ISSN (O): 2319-8354. *[UGC Approved Journal]*.
- 25) S.M. Nasti, S.J.Nasti, R.Bashir, M.A. Butt, **"Bitcoin: First Revolutionary Cryptographic Virtual Currency"**, International Journal of Computer Sciences and Engineering, Volume 5, Issue 8, E-ISSN: 2347-2693, January 2018 Page 101-103. *[UGC Approved Journal]*.
- 26) 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), Volume 6, Issue 12, December 2017, ISSN 2347-8616. *[UGC Approved Journal]*
- 27) S.J. Nasti, M. Asgar, M.A. Butt, **"Analysis of Customer Behavior using Modern Data Mining Techniques"**, International Journal of Computer Sciences and Engineering, Volume-5, Issue-12, Page No. 60-62, E-ISSN: 2347-2693. *[UGC Approved Journal]*
- 28) Farah Qureshi, Muheet Ahmed, Majid Zaman, Sajad Mohammad Khan, **"Marketing Online: A Descriptive Approach"**, International Journal of Scientific Research in Computer Science, Engineering and Information Technology, Volume 2, Issue 6, Page 248-255, ISSN : 2456-3307. *[UGC Approved Journal]*
- 29) Farah Qureshi, Muheet Ahmed, Majid Zaman, Sajad Mohammad Khan, **"Internet and its Impact on Academic Performance of University Students : A Brief Survey"**, International Journal of Scientific Research in Computer Science, Engineering and Information Technology, Volume 2, Issue 6, Page 248-255, ISSN : 2456-3307. *[UGC Approved Journal]*

- 30) Sidiq, S. Jahangeer, Majid Zaman, and Muheet Butt. "**An Experimental Comparison of Extensible Algorithms for Multi-class Imbalance Problem.**" International Journal of Innovations & Advancement in Computer Science IJIACS ISSN 2347 – 8616 Volume 6, Issue 12 December 2017. [UGC Approved Journal].
- 31) Ms Uzma Muzzaffar, Ms Sukhvinder Kaur, Mr. Muheet Ahmed Butt, Mr. Majid Zaman, "**Speaker Segmentation and Change Detection for News Audio: A Practical Implementation**", International Journal Of Engineering Development And Research (IJDER), Volume 5 Issues 4, (November, 2017) ISSN (Online): 2321-9939. [UGC Approved Journal].
- 32) Ms. Munazah Gul, Ms. Sukhvinder Kaur, Muheet Ahmed Butt, Majid Zaman, "**Multiple Speakers Speech Recognition for Spoken Digits using MPCC and LPC based on Euclidean Distance**", International Journal of Advanced Research in Computer Science (IJARCS), Volume 8 Issues 1, (November-December, 2017) ISSN (Online): 0796-5657 [UGC Approved Journal].
- 33) Ms. Mehak Mehraj, Ms Arti Goel, Muheet Ahmed Butt, Majid Zaman, "**Automatic Speech Recognition Approach for Diverse Voice Commands**", International Journal of Advanced Research in Computer Science (IJARCS), Volume 8 Issues 1, (November-December, 2017) ISSN (Online): 0796-5657 [UGC Approved Journal].
- 34) Ms Uzma Muzzaffar, Ms Sukhvinder Kaur, Mr. Muheet Ahmed Butt, Mr. Majid Zaman, "**Speaker Change Detection for News Audio: A Practical Approach**", International Journal of Engineering Development and Research, Volume 5 Issues 3, (July – September, 2017) ISSN (Online): 2348-2281 [UGC Approved Journal].
- 35) Ms. Munazah Gul, Ms. Sukhvinder Kaur, Muheet Ahmed Butt, Majid Zaman, "**Similarity Measuring Algorithm**", International Journal of Research in Electronics AND Computer Engineering (IJRECE), Volume 5_Issues 3, (July – September, 2017) ISSN (Online): 2348-2281 [UGC Approved Journal].
- 36) Ms. Mehak Mehraj, Ms. Sukhvinder Kaur, Muheet Ahmed Butt, Majid Zaman, "**Analysis of Speech recognition**", International Journal of Research in Electronics AND Computer Engineering (IJRECE), Volume 5 Issues 3, (July – September, 2017) ISSN (Online): 166-171 [UGC Approved Journal].
- 37) Mudasir Bhat, Majid Zaman, Muheet Ahmed Butt, "**Impact of Performance Analysis Of Varied Subjects on Overall Result: An Empirical Discourse Of Educational Data Mining**", International Journal of Data Analysis Techniques and Strategies, Inter-Science Publishers, August 2017. [UGC Approved Journal].
- 38) Arusa Firdous, Neha Pawar, Muheet Ahmed Butt, Majid Zaman, "**Review of Optical Character Recognition Techniques & Applications**", International Journals of Advanced Research in Computer Science and Software Engineering (IJARCSSE), Volume. 7 Issue. 7, ISSN: 2277-128X, July, 2017, Page 206-210, [UGC Approved Journal].
- 39) Razeef Mohammad, Muheet Ahmed Butt, Majid Zaman, "**Tools for Predictive Analytics: An Overview**", International Journal of Scientific Research Engineering& Technology (IJSRET), Volume 6 Issue 7, July, 2017. ISSN 2278-0882, [UGC Approved Journal].
- 40) Razeef Mohammad, Muheet Ahmed Butt, Majid Zaman, "**Review of Predictive Analytical Modeling Techniques**", International Journal of Emerging Trends & Technology in Computer Science (IJETTCS), Volume 6 Issue 4, July-August, 2017. ISSN 2278-6856 Page 58-62, [UGC Approved Journal].
- 41) Musavir Hassan, Muheet Ahmed Butt, Majid Zaman, "**Logistic Regression Versus Neural Networks: The best accuracy in Prediction of Diabetes Disease**", Asian Journal of Computer Science and Technology (AJCST), Volume 6 No. 2, Page No 33-42 Print ISSN : 2249-0701, July 2017. [UGC Approved Journal].
- 42) Sameer Kaul, Majid Zaman, Muheet Ahmed Butt, "**Comparative Overview of the Advantages and Shortcomings of Popular Data Mining Techniques Used In Weather Prediction**", International

- Journal of Emerging Technology and Advanced Engineering, Volume 7, Issue 7, July 2017, ISSN 2250-2459, Page 293-298 [UGC Approved Journal].
- 43) Razeef Mohammad, Muheet Ahmed Butt, Majid Zaman, **“Predictive Analytic Modeling: A Walkthrough”**, International Journal of Advanced Research in Computer Science and Software Engineering IJARCSSE, Volume 7 Issue 6, Page 421-426 ISSN: 2277-128X, June 2017. [UGC Approved Journal].
 - 44) Arusa Firdous, Neha Pawar, Muheet Ahmed Butt, Majid Zaman, **“Character Recognition: A Signature Approach”**, International Journal of Advanced Research in Computer Science (IJARCS), Volume.8 Issue. IV, ISSN: 0976-5697, May-June 2017, <http://www.ijarcs.info>. Page No 1522-1526 [UGC Approved Journal]
 - 45) Mudasir Ashraf, Majid Zaman, Muheet Ahmed, S Jehangeer Sidiq, **“Knowledge Discovery in Academia: A Survey on related Literature”**, International Journal of Advanced Research in Computer Sciences, Volume 8 No. 1 Jan-Feb, 2017, ISSN No. 0976-5697. [UGC Approved Journal]
 - 46) Peer Waseem ul Aslam, Sanjay Kumar, Muheet Ahmed Butt, **“Using Decision Trees for the Classification of Pregnancy Outcomes”**, International Journal of Engineering Research and Management (IJERM)”, ISSN No. 2349-2058, Volume 4, Issue 2, Feb, 2017. [UGC Approved Journal].
 - 47) S Jehangeer Sidiq, Majid Zaman, Muheet Ahmed, Mudasir Ashraf, **“An Empirical Comparison of Supervised Classifiers for Diabetic Diagnosis”**, International Journal of Advanced Research in Computer Sciences, Volume 8 No. 1 Jan-Feb, 2017, ISSN No. 0976-5697. [UGC Approved Journal]
 - 48) Sameer Koul, Majid Zaman, Muheet Ahmed Butt, **“Comparative Overview of the Advantages and Shortcomings of Popular Data Mining Techniques Used In Weather Prediction”**, International Journal of Emerging Technology and Advanced Engineering, Volume 6 Issue 12, ISSN 2250-2459, December 2016, [UGC Approved Journal]
 - 49) Muheet Ahmed Butt, Majid Zaman, **“Challenges in Analysis and Assessment for University of Kashmir Examination System”**, International Journal of Engineering Management and Sciences, ISSN: 2348-3733, June 2016.
 - 50) Muheet Ahmed Butt, Majid Zaman, **“Empowering Economy Through ICT: A Case Study of Kashmir Valley”**, International Journal of New Technology and Research Impact Factor 1.09, ISSN: 2454-4116, June 2016
 - 51) Majid Zaman, Muheet Ahmed Butt, **“Challenges and Role of Information Communication Technology Practices in Modern Distance Education System”**, World Journal of Research and Review WJRR, Volume 3, Issue 1 (July 2016 Volume 3) Paper ID: - WJRR0301094, July 2016.
 - 52) Vinod Sharma, Zunera Farooq, Muheet Ahmed Butt, **“Modeling Academic Resources: An Aporri Approach”**, International Journal of Computer Applications, 144(9) – 12-17, June 2016, ISBN: 973-93-80893-55-6.
 - 53) Samieh Jan Nasti, M. Azgar, Muheet Ahmed Butt, **“A Comparative Study on Web Data Extraction Approaches”**, International Journal of Engineering Science and Computing, Volume 6, Issue 5, May 2016, ISSN: 2250-1271.
 - 54) Samieh Jan Nasti, M. Azgar, Muheet Ahmed butt, **“Prognostication of Customer Behaviour using Web Data”**, International Journal of Advance Research in Computer Science and Management Studies, Volume 4, Issue 5, May 2016, ISSN: 2321-7782.
 - 55) Nasir Majeed Mir, Sarfraz Khan, Muheet Ahmed Butt and Majid Zaman, **“An Experimental Evaluation of Bayesian Classifiers Applied to Intrusion Detection”**, Indian Journal of Science and Technology, Vol 9(12), DOI: 10.17485/ijst/2016/v9i12/86291, April 2016, ISSN (Print) : 0974-6846 ISSN (Online) :0974-5645.
 - 56) S Jahangeer Sidiq, Dr. (Er.) Majid Zaman and Dr. Muheet Ahmed, **“Mining Clinic Data for Diabetic Diagnostics”**, International Journal of Advance Foundation and Research in Computer (IJAFRC) Volume 2, Issue 5, May - 2015. ISSN 2348 – 4853

- 57) Musavir Hassan, Er. Muheet Ahmed Butt , Majid Zaman, **“Steganography Techniques: A Comparative Research Case Study”**, International Journal of Emerging Trends & Technology in Computer Science (IJETTCS) ISSN 2278-6856, Vol 4, Issue 3, May-June, 2015, Page 80-86
- 58) Qamar Rayees Khan, Muheet Ahmed Butt, Majid Zaman, M. Asger, **“Integrity Model based Intrusion Detection System: A Practical Approach”**, International Journal of Computer Applications (Impact Factor: 0.82). 04/2015; 115(10):9-12. DOI: 10.5120/20186-2407, 2014
- 59) Qamar Rayees Khan, Muheet Ahmed Butt, Majid Zaman, M. Asger, **“Review of Intrusion and Anomaly Detection Techniques”**, International Journal of Modern Engineering Research (IJMER), Volume No 4 Issue No. 4, ISSN:2249-6645, April, 2014.
- 60) 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), Volume 3 Issue 5, June 2013.
- 61) Majid Zaman, Muheet Ahmed Butt, **“Enterprise Management Information System: Design and Architecture”**, International Journal of Computational Engineering Research (IJCER), ISSN : 2250-3005, May, 2013.
- 62) Majid Zaman, Muheet Ahmed Butt, **“Health Information Systems Integration Plan: Databases Perspective”**, Journal of Global Research in Computer Science, JGRCS, Illinois, USA (ISSN-2229-371X), Volume 4 Issue 4, May, 2013.
- 63) Majid Zaman, Muheet Ahmed Butt, **“Enterprise Data Backup and Recovery: A Generic Approach”**, International Organization of Scientific Research Journal of Engineering (IOSRJEN), 2278-4721, May 2013.
- 64) Majid Zaman, Muheet Ahmed Butt, **“Warehouse Creator: A Generic Enterprise Solution”**, International Journal of Engineering Science (IJES), Volume 2 Issue 11, ISSN No. 2278-4721, May 2013.
- 65) Waseem Jeelani Bakshi, Muheet Ahmed Butt, Majid Zaman Baba, **“Information Communication Technology: A Key to Distance Learning”** International Journal of Engineering and Innovative Technology, Volume 2 Issue 9, ISSN:2277-3754, May,2013.
- 66) Muheet Ahmed Butt, Majid Zaman, **“Implementing ICT Practices of Effective Tourism Management: A Case Study”**, Journal of Global Research in Computer Science, JGRCS, Illinois, USA (ISSN-2229-371X), Volume 4 Issue 4, May, 2013.
- 67) Muheet Ahmed Butt, Majid Zaman, **“Cognitive Way of Classifying Document: A Cognitive Approach”**, Journal of Global Research in Computer Science, JGRCS, Illinois, USA (ISSN-2229-371X), Volume 4 Issue 4, May, 2013.
- 68) Majid Zaman, Muheet Ahmed Butt, **“Impact of MCT Practices on Health Care System: A Case Study”**, International Journal of Computers & Distributed Systems (IJCDS), Volume 2 Issue 3, ISSN 2278 – 5183, April 2013.
- 69) Muheet Ahmed Butt, Majid Zaman, **“Implementing MCT Practices in University Examination Automation Systems”**, International Journal Modern Engineering Research (IJMER)“, Volume 3 Issue 1 ISSN 2249 – 6645, Pages 8-11, January – April, 2013
- 70) Majid Zaman, Muheet Ahmed Butt, **“Integrating MCT with RFID: A Case Study”**, Journal of Global Research in Computer Science, JGRCS, Illinois, USA (ISSN-2229-371X), Volume 4 Issue 2, March, 2013.
- 71) Diana Al-Tahmezi, Muheet Ahmed Butt, Majid Zaman, **“Cloud Security PAAS Aspect”**, International Journal of Engineering Science and Innovative Technology IJESIT, Volume 2 Issue 2, FLORIDA, US, 33771, ISSN: 2319-5967, March 2013 pp 555-557.
- 72) Nomaan Maqbool Rao, Majid Zaman, Muheet Ahmed Butt, **“Software Development Life Cycle: Enterprise Requirement Mapping”**, International Journal of Engineering Science and Innovative

- Technology IJESIT, Volume 2 Issue 2, FLORIDA, US, 33771, ISSN: 2319-5967, pp 192-194 March 2013
- 73) Ashish Mishra, Muheet Ahmed Butt, Majid Zaman, **“Revenue maximization for Cloud Computing Environment through Resource Sharing by SLA”** International Journal of Computer Applications, Foundation of Computer Science IJCA, New York, USA. March, 2013.
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 - 76) Sajad Mohammad Khan, Muheet Ahmed Butt, Majid Zaman, **“Information Communication Technology: Practices for Academia”**, International Journal Modern Engineering Research (IJMER)“, Volume 3 Issue 1 ISSN 2249 – 6645, Pages 8-11, January – February, 2013
 - 77) Deveshree Nayak, Muheet Ahmed Butt, Majid Zaman Diana Al-Tahmezi, **“Empowering Cloud Security Though SLA”**, Journal of Global Research in Computer Science, JGRCS, Illinois, USA (ISSN-2229-371X), Volume 4 Issue 1, February, 2013.
 - 78) Sajad Mohammad Khan, Muheet Ahmed Butt, Majid Zaman Baba,” **Role of Information Communication Technology in Modern Educational System”**, International Journal of Modern Engineering Research (IJMER), Vol 1 Issue 1, Jan-Feb, 2013 pp 4764-4767 ISSN No. 2249-6645.
 - 79) Qamar Rayees, Muheet Ahmed Butt, Majid Zaman, Azgar Ali, **“Information Cleanup Formulation: Pragmatic Solution”**, Journal of Global Research in Computer Science, JGRCS, Illinois, USA (ISSN-2229-371X), Volume 4, No. 1, January 2013
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 - 81) Muheet Ahmed Butt, Majid Zaman, **“Assessment Model Based Data Warehouse: A Quantitative Approach”**, International Journal of Computer Applications, Foundation of Computer Science IJCA, New York, USA. January, 2013. Vol. 62 No 10.
 - 82) Sajad Mohammad Khan, Muheet Ahmed Butt, Majid Zaman, **“ICT: Impacting Teaching and Learning”**, International Journal of Computer Applications, Foundation of Computer Science, New York, USA. January, 2013. Vol. 61 No. 8.
 - 83) Majid Zaman, Muheet Ahmed Butt **“Information Integration: An Enterprise Solution”**, International Journal of Engineering Science and Innovative Technology (IJESIT), Volume 2 Issue 1, January, 2013 Pages [315-317].
 - 84) Muheet Ahmed Butt, Majid Zaman, **“Data Quality Tools for Data Warehouse: An Enterprise Case Study”**, International Organization of Scientific Research (IOSR), December, 2012. e-ISSN: 2250-3021, p-ISSN: 2278-8719, Vol. 3, Issue 1 (Jan. 2013), ||V1|| PP 75-76
 - 85) Muheet Ahmed Butt, Majid Zaman, **“Communication Information Technology: Academic Roles and Responsibilities”**, International Journal of Computers & Distributed Systems (IJCDS), Volume 2 Issue 1, Pages [1-4], ISSN 2278 – 5183, December 2012.
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 - 87) Muheet Ahmed Butt, Majid Zaman, **“Legacy Information System Development: Problems and Issues”**, International Journal of Computers & Distributed Systems “, Volume 2 Issue 1, ISSN 2278 – 5183, December 2012, PP 114-117.

- 88) Muheet Ahmed Butt, Majid Zaman, "**Information Extraction in Pre-Printed Forms**", International Journal of Computers & Distributed Systems (IJCDS) , Volume 2 Issue 1, ISSN 2278 – 5183, December 2012, PP 88-93.
- 89) Muheet Ahmed Butt, Majid Zaman, "**Signature Analysis based Character Recognition Approach**", International Journal of Computers & Distributed Systems (IJCDS), Volume 1 No. 3, ISSN 2278 – 5183, October 2012, PP 100-102.
- 90) Muheet Ahmed Butt, S. M. K. Quadri, Majid Zaman, "**Data Warehouse Implementation of Examination Databases**", International Conference on Computer Science, Computer Engineering and Applied Computing Las Vegas, USA, July 16-19, 2012 ISBN 1-60132-050-7
- 91) Muheet Ahmed Butt, S. M. K. Quadri, Majid Zaman, "**Migrated Legacy Data Issues: Recovery, Concurrency & Security**", Journal of Global Research in Computer Science, JGRCS, Illinois, USA (ISSN-2229-371X), Volume 3 Issue 5.
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- 94) Majid Zaman, S. M. K. Quadri, Muheet Ahmed Butt, "**Information Integration for Heterogeneous Data Sources**", IOSR Journal of Engineering Apr. 2012, Vol. 2(4) pp: 640-643, New York USA.
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- 96) Muheet Ahmed Butt, S. M. K. Quadri, Majid Zaman, "**Data Warehouse Implementation of Examination Databases**" International Journal of Computer Applications, Foundation of Computer Science, New York, USA. April, 2012.
- 97) Muheet Ahmed Butt, "**WAP Engineered for Perfection**", in Journal "The Business Review", Vol. 8 No. 1 and 2, Faculty of Commerce and Management Studies, the University of Kashmir, Srinagar. [UGC Approved Journal]
- 98) Muheet Ahmed Butt, "**Internet: A Better Way**" in Journal "The Business Review", Vol. 7 No. 1 and 2, Faculty of Commerce and Management Studies, the University of Kashmir, Srinagar. [UGC Approved Journal]

Conference Publications

- 1) Ashraf, Mudsir, Yass Khudheir Salal, S. M. Abdullaev, Majid Zaman, and Muheet Ahmed Bhut. "**Introduction of Feature Selection and Leading-Edge Technologies Viz. TENSORFLOW, PYTORCH, and KERAS: An Empirical Study to Improve Prediction Accuracy of Cardiovascular Disease.**" In International Conference on Innovative Computing and Communications, pp. 19-31. Springer, Singapore, 2022.
- 2) Ifra Altaf, Muheet Ahmed Butt, Majid Zaman, S. Jahangir Sidiq, "**A Comparative Study of Various Data Mining Algorithms for effective Liver Disease Diagnosis A decade review from 2010 to 2019**", Volume 6, Issue 1 PP 980-995, 2019
- 3) Fayaz, Sheikh Amir, Majid Zaman, and Muheet Ahmed Butt. "**To Ameliorate Classification Accuracy using Ensemble Distributed Decision Tree (DDT) Vote Approach: An Empirical discourse of Geographical Data Mining.**" Procedia Computer Science 184 (2021): 935-940.

- 4) Riyaz, Lubna, et al. "**Heart Disease Prediction Using Machine Learning Techniques: A Quantitative Review.**" International Conference on Innovative Computing and Communications. Springer, Singapore, 2022.
- 5) Fayaz, Sheikh Amir, Majid Zaman, and Muheet Ahmed Butt. "**Performance Evaluation of GINI Index and Information Gain Criteria on Geographical Data: An Empirical Study Based on JAVA and Python.**" International Conference on Innovative Computing and Communications. Springer, Singapore, 2022.
- 6) Altaf, Ifra, Muheet Ahmed Butt, and Majid Zaman. "**Disease Detection and Prediction Using the Liver Function Test Data: A Review of Machine Learning Algorithms.**" International Conference on Innovative Computing and Communications. Springer, Singapore, 2022.
- 7) A. Rehman, M. Ahmed Butt and M. Zaman, "**A Survey of Medical Image Analysis Using Deep Learning Approaches,**" 2021 5th International Conference on Computing Methodologies and Communication (ICCMC), 2021, pp. 1334-1342, doi: 10.1109/ICCMC51019.2021.9418385.
- 8) Fayaz, Sheikh Amir, Majid Zaman, and Muheet Ahmed Butt. "**Knowledge Discovery in Geographical Sciences—A Systematic Survey of Various Machine Learning Algorithms for Rainfall Prediction.**" International Conference on Innovative Computing and Communications. Springer, Singapore, 2022.
- 9) Nasti S.J., Asger M., Butt M.A. (2020) **Automatic Extraction of Product Information from Multiple e-Commerce Web Sites.** Proceedings of ICRIC 2019. Lecture Notes in Electrical Engineering, vol 597. Springer, Cham. https://doi.org/10.1007/978-3-030-29407-6_53
- 10) Ashraf, Mudasar, Majid Zaman, and Muheet Ahmed. "**Performance analysis and different subject combinations: An Empirical and analytical discourse of educational Data Mining.**" 2018 8th International Conference on Cloud Computing, Data Science & Engineering (Confluence). IEEE, 2018.
- 11) Razeef Mohd, Muheet Ahmed, Majid Zaman, "**Predictive Analytic Modeling Techniques and Methodologies**", International Conference on Big Data, Computer Sciences and Information Technology (ICBDCSIT), organized Institute of Research and Journals in association with IRAJ Research Forum, New Delhi, August 19, 2018.
- 12) Razeef Mohd, Muheet Ahmed, Majid Zaman, "**Modelling Rainfall Prediction: A Naïve Bayes Approach**", International Conference on Recent Advances in Computer Sciences and Information Technology (ICRACSIT, New Delhi) organized by World Research Forum for Engineers and Researchers in association with IRAJ Research Forum, New Delhi, August 12, 2018.
- 13) Musavir Hassan, Muheet Ahmed Butt, "**Big Data Analytics in Health Care: A Study of Emerging Opportunities and Challenges**", SEEDS 2017, Organized by Department of Electronics and Communication, University of Kashmir, Srinagar.
- 14) Presented a Paper Entitled "**Logical Perspective for Data Integration from Heterogeneous Repositories**", 9th International Conference on Engineering Technology, Science and Management Innovation (ICETSMI-2017) organized by Conference Info in Association with Academic Science at Mahratta Chamber of Commerce Industries and Agriculture, Senapati Bapat Road, Pune Maharashtra on December 31, 2017.
- 15) Musavir Hassan, Muheet Ahmed Butt, Majid Zaman, "**Privacy Protection and Security Challenges in Electronic Healthcare Records**", 1st International Conference on Recent Developments in Science, Humanities and Management 2018, Held on April 17-18, 2018, Amar Singh College, Cluster University, Srinagar.
- 16) Nasti S., Butt M and Asger, M (2015), "**Big Data: A growing tide not hype**", International Conference on Advances in Computers, Communications and Electrical Engineering (COMMINE 2015), Srinagar India.

- 17) Nasti S., Butt M and Asger, M (2014) **“Data Mining: Past Present and Future”**, In Proceeding of national Conference on Recent Innovations and Advancements in Information Technology (RIAIT-2014), Rajouri, India.
- 18) Nasti S., Butt M and Asger, M (2014), **“Web Mining: A Roadmap”**, In Proceeding of national Conference on Recent Innovations and Advancements in Information Technology (RIAIT-2014), Rajouri, India.
- 19) Waseem Qadri, S. A. Mufeed, Majid Zaman, Muheet Ahmed Butt, **“Service Science Management and Engineering: An Emerging Discipline”**, 3 Day National Conference on Contemporary Issues in Business, Management and Finance (CIBMF) organized by the Post Graduate Department of Commerce, University of Kashmir, Srinagar, 21st to 23rd September, 2012.
- 20) Majid Zaman, Muheet Ahmed Butt **“Information Translation: A Practitioners Approach”**, World Congress on Engineering and Computer Science (WCECS), San Francisco, USA. October, 2012.
- 21) Muheet Ahmed Butt, S. M. K. Quadri, Majid Zaman, **“Star Schema Implementation for Automation of Examination Records”**, International Conference on Computer Science, Computer Engineering and Applied Computing Las Vegas, USA, July 16-19, 2012 ISBN 1-60132-050-7
- 22) Mehraj ud Din Dar, Majid Zaman, Muheet Ahmed Butt, **“Document Security through Encryption”**, International Conference on Advances in Computer Vision and Information Technology, Dr. Baba Ambedkar University, Aurngabad. November 15-18, 2007.
- 23) Mehraj ud Din Dar, Mushtaq Ahmed Peer, Muheet Ahmed Butt, Majid Zaman **“Document Image Categorization, A Cognition Based Approach”** J & K Science Congress University of Kashmir. 25-27 July, 2006.
- 24) Mehraj ud Din Dar, Mushtaq Ahmed Peer, Muheet Ahmed Butt, Majid Zaman **“Data Security in Examination System through encryption”** J & K Science Congress University of Kashmir. 25-27 July, 2006.
- 25) Mehraj ud Din Dar, Mushtaq Ahmed Peer, Muheet Ahmed Butt, Majid Zaman **“Challenges in Educational System: Scope for E-Support”**, J & K Science Congress University of Kashmir. 25-27 July, 2006
- 26) Mehraj ud Din Dar, Muheet Ahmed Butt, Majid Zaman, **“Short Messaging Services Based Examination Information System”**, International Conference on Computer Science, Computer Engineering and Applied Computing. Las Vegas, USA, June 25-28, 2007, ISBN 1-60132-050-9
- 27) Mehraj ud Din Dar, Mushtaq Ahmed Peer, Muheet Ahmed Butt, Majid Zaman **“University Information System Integration Plan: Database Perspective”**, International Conference on Computer Science, Computer Engineering and Applied Computing Las Vegas, USA, June 25-28, 2007 ISBN 1-60132-050-7

Awards

- Best Innovation & First Prize Award on the topic “Qaleen Design” reorganized by Higher Education Department, Govt. of Jammu and Kashmir. The innovation was selected out of 160 innovations (2020).
- **I2OR National Eminent Educator Award 2020** instituted by the International Institute of organized Research (I2OR) which is a registered MSME with the Ministry of Micro, Small and Medium Enterprises, Government of India and is advocating Academic and Research Programs for API and Career Advancement Scheme.

Conferences Session Chaired

1. Chaired a session in International Conference (CoSIDs) Organized by Post Graduate Department of Computer Sciences North Campus in Collaboration with PG Department of Computer Sciences, University of Kashmir, Srinagar in June 20-21, 2018.
2. Chaired a session in International Conference (SEEDS 2017) Organized by Post Graduate Department of Electronics and Communication, University of Kashmir, Srinagar in March 24-25, 2017.
3. Chaired a session in International Conference (COMMUNE 2014) Organized by Post Graduate Department of Electronics and Communication, University of Kashmir, Srinagar.

Key Note Speaker

1. Delivered a Key Note Lecture on ***“Internet of Things – Applications”***, in an FTP Program organized by Cluster University at Amar Singh College Srinagar on January 27, 2018
2. Delivered a Key Note Lecture on ***Data Warehouse Design: Case Study of University of Kashmir*** in International Conference Organized by Post Graduate Department of Electronics and Communication, University of Kashmir, Srinagar.
3. Delivered a lecture at one day seminar on the theme: Sensitization of Police and Media Personnel in Curbing Violence Against Women entitled ***“Challenges of Cyber Crime against Women”*** on International Women’s Day organized by Women’s Studies Center, University of Kashmir in collaboration with Dean, College Development Council, Department of Students Welfare and Department of Law on March 8, 2016

Workshops / FDP Programs Organized

1. Organized Workshop on Counselling Psychology ***“Needs and Opportunities”*** in collaboration with Higher Education Department, Govt. of Jammu and Kashmir
2. Organized FDP on Research Methodology in collaboration with Higher Education Department, Govt. of Jammu and Kashmir
3. Organized FDP on Information Communication Technology in Modern Education in collaboration with Higher Education Department, Govt. of Jammu and Kashmir.
4. Organized One Week Online Workshop on Language Translation Skills in collaboration with Higher Education Department, Govt. of Jammu and Kashmir.
5. Organized One Week National e-Workshop on ***“Leveraging Education for Harnessing Entrepreneurship, Research and Innovation LEHERI 2020”*** in collaboration with Higher Education Department, Govt. of Jammu and Kashmir
6. Participated in Webinar on Systematic Reviews and Meta-Analysis: A Viable Alternative to Experimental Research in Times of COVID-19

Workshops and Seminars Attended

- Delivered a Lecture on SQL/PLSQL Part – I in 10 Days Training Workshop on ***“Big Data Analytics”*** at National Institute of Technology Srinagar Sponsored by Ministry of Information Technology Govt. of India, March 10 - March 20, 2017.

- Delivered a Lecture on SQL/PLSQL Part – II in 10 Days Training Workshop on “Big Data Analytics” at National Institute of Technology Srinagar Sponsored by Ministry of Information Technology Govt. of India, March 10 - March 20, 2017.
- Coordinated and Participated in One Day ESDM Workshop on STPI Awareness funded by Computer Society of India held on August 20, 2013 at Software Technology Parks of India, Srinagar Division.
- Participated in one Day Regional Workshop on National Knowledge Network (NKN), Srinagar (J & K) –September 11, 2012.
- Participated in Two weeks Refresher on Research Methodology Course in Academic Staff College, University of Kashmir, Srinagar
- Participated and presented paper in the workshop “Innovative Role of Information Technology in Modern Business Environment organized by Directorate of Distance Education, University of Kashmir, Srinagar.
- Presented Three Papers in National Science Congress Held in University of Kashmir in Year 2008.
- Participated in Two-Day National Seminar on “Advances in Soft Computing” Oct 7, 2005 organized by the Department of Department of Electronics, the University of Kashmir, Srinagar.
- Participated in One-Day Workshop on “Carrier Guidance and Challenges” on June 23, 1999 organized by the Department of Electronics, the University of Kashmir, Srinagar.
- Participated in the Seminar entitled “Y2k” Bug on Feb 22, 2000 organized by council of Education and Training First Computers, Srinagar and got best participant award.
- Participated in two-day workshop-cum-seminar on “Promotion of Information Technology in Jammu and Kashmir” at SKICC, Srinagar on January 5-6, 2001 organized by J & K industrial Development Corporation Ltd. (SIDCO) in collaboration with Electronics and Software Export Promotion Council.
- Participated in 2-day National Seminar on “Commerce Education in New Millennium”, Organized by the Department of Commerce, the University of Kashmir, Srinagar held on September 4-5, 2001.
- Participated in “WTO Sensitization Workshop organized by the University of Kashmir in Collaboration with Ministry of Industry Govt. of India on July 29, 2000.
- Participated in two day national Seminar on “NANOTECHNOLOGY” organized by the Department of Electronics and Communication, the University of Kashmir, Srinagar.

Total Invited Lectures Delivered/ Workshops/

IMPA	Academic Staff College	Workshop
20 Lectures	26 Lectures	12 Lectures

Software Development/ Consultancy Provided

Software Projects Completed

- ✓ **E-Content Monitoring** for Higher Education Department, Govt. of Jammu & Kashmir provides the amount of e-Content created by the faculty members of Degree Colleges of J&K (UT).

- ✓ **Examination Accounting:** Software for University Examination Accounts for Account Management of Individual Teachers who complete any examination assignment.
- ✓ **Library Software for Police Department:** Library Software for Police Department for Three Remote areas of police.
- ✓ **Signature Analysis Based Face and Character Recognition:** A Low Computational Process for Face and Character recognition using structured Training Set.
- ✓ **Weather Prediction Using Naïve Bayes Classification:** A software module for weather Prediction for Rainfall, Winds, Snowfall.
- ✓ **Library Information System,”** A Live Project for Libraries of JK Police Department, Jammu and Kashmir State.
- ✓ **Examination Accounts Management,** “A Live Project for University of Kashmir Secrecy Department of Examination Wing.
- ✓ **Kani Shawl Design:** A Kani Shawl Editor for writing KANI Shawl Taleem.
- ✓ **iNET Fusion:** Multiple Internet connections around your computer into a single pipe
- ✓ **E- Placement System:** A Web based module for Student Placement and Dynamic Brochure Generation.
- ✓ **File Tracking System:** A SOA based File Tracking System.
- ✓ **Business Forecasting 1.0:** A business forecasting solution for various cooperate houses of the state.
- ✓ **Tourist Tracking System:** Software for Tracking Tourist at various Tourist Places in Srinagar.
- ✓ **Time Table Management:** Time Table Tracker for College/s.
- ✓ **Carpet Taleem Design and Translation: 1.0:** A comprehensive software for Kashmiri Carpet Taleem (Submitted two Research Papers on the said Work)
- ✓ **Examination Automation System** (A complete Solution for University of Kashmir Examination System Capable of preparing result of around 3.5 Lakh Students every year appearing in various UG, PG and Professional Courses).
- ✓ **Degree 1.1** (A complete Degree Certificate Preparation Solution for University of Kashmir with efficient security features).
- ✓ **Print Soft Version 1.1.1** (Designed for the University of Kashmir and SKAUST, Shalimar for Degree Preparation with Photographs).
- ✓ **University Registration System:** Designed and Developed for University of Kashmir, Srinagar(University and College Edition)
- ✓ **PicSen 1.4** Automatic Picture Mapping Software for Multiple Database Records.
- ✓ **Virtual Change Room** (Virtual Change Room for Textile Industry)
- ✓ **Web Based Fitness Center:** Dutch Company “RUMLAN” Amsterdam, Netherlands
- ✓ **Internet Conferencing** (Soft-Care India Limited, Bangalore)
- ✓ **Survey Billing Package for PDD**(Implemented for Three Divisions of J&K)
- ✓ **Websites Designed**
 - www.cskashmir.org (Cancer Society of Kashmir)
 - www.womencolsgr.org (Women’s College, Srinagar)
 - www.spcollege.org (SP College, Srinagar)
 - www.kashmiruniversity.net (Examination Module)
- ✓ **Accounting Package** Designed & Developed for Kashmir Imperial Carpets, Jammu and Kashmir for Pentafour Communications, Srinagar.
- ✓ **Inventory Management** Little India, Kashmir Handicraft Gallery, Kemang South Jakarta,(Solution Has been Implemented at eight of its branches in Indonesia)
- ✓ **Internet Conferencing for** Soft Care India Limited, Bangalore
- ✓ Number of Academic Software Projects Guided at Graduate Level 42
- ✓ Number of Academic Software Projects Guided at Post Graduate Level 22

- | | |
|--|----|
| ✓ Number of Academic Software Projects Guided for B. Tech Students | 14 |
| ✓ Number of Software Projects Under Taken | 03 |
| - Kani Shawl Design (Advance Update) | |
| - File Tracking System | |

Live Software Projects Undertaken

- ✓ Designing the monitoring application for e-Content Development for Higher Education Department, Govt. of Jammu and Kashmir.
- ✓ Designing & Development of e-Governance Solution for University of Kashmir (Role: Technologist) funded by Ministry of Communication & Information Technology Govt. of India (MIT), New Delhi **.(Role Technologist)**
- ✓ Designing Website (Examination Module) of **the University of Kashmir, Srinagar. Software Packages Used:** ASP, SQL SERVER, FRONTPAGE and PHOTPSHOP. **(Role: Technologist)**
- ✓ Design, Development and Management of Website for Cancer Society of Kashmir, Srinagar **(Role: Lead Designer and Developer)**

Short Term Course Attended

- ✓ Short term Course on Mechatronics organized by P.G. Department of Electronics and Instrumentation Technology, University of Kashmir in collaboration with Department of Mechanical Engineering, National Institute of Technology (NIT), Srinagar & Academic Staff College, University of Kashmir from (June 21 – 26, 2011).
- ✓ Certificate Course in Linux Administration from Linux Learning Center, Bangalore, India(February 2004).
- ✓ Certificate Course in Office Computing, Visual Basic 6.0 and Java 2.0 from First Computers, Srinagar (June, 2000).
- ✓ Certificate Course in Object Relational Database Management System Using Oracle 8.0 from Software Solution Integrated Limited, Bangalore, November, 1998.

Memberships

1. Senior Member, International Association of Computer Science and Information Technology (IACSIT) [Membership No: 80351272].
2. President of Kashmir University Teachers Association (KUTA) (2016-2018)
3. Member of Kashmir University Alumni Executive Council (2018-2023)
4. Member of Kashmir University Alumni Association.
5. Professional Life Membership of International Institute of Organized Research I2OR (Membership ID: I2OR/2020/A-0237).
6. Fellow of Institute of Electronics and Tele Communication Engineers (FIETE)
7. Life Member of Computer Society of India (MCSI) (2010000400)
8. Life Member of Soft Computing Research Society (SCRS) (2020-06-30-1126)
9. Member of Institute of Engineers (INDIA). (MIE) [M-147270]
10. Life Member of Indian Society for Technical Education. (MISTE) [LM- 76256]
11. Member of International Association of Online Engineering (IAOE)
12. Member of Expert Team of DOEACC Centre Accreditation (NIELT, New Delhi)
13. Member of Various Committees of the University of Kashmir, Srinagar.
14. Member of International Engineering Consortium (IEC)
15. Life Member of Developer IQ (MDIQ)
16. Member of India Today Group (MITG)
17. Ex-Member & General Secretary of Kashmir University Officers Association (KUOA).
18. AICTE ENROLLMENT UNIQUE ID: 1-3695403753

Sports

Swimming, Scuba Diving, Paragliding, River Rafting, Sky Diving, Carom, Chess, Volley Ball, Badminton, Cycling, Cricket, Football, Table Tennis, Trekking.

Hobbies

Gardening, Fish Aquariums, Turtle Aquariums, Model Design.

References

Prof. P. Naghabhushan,
Chairman,
Dept. of Studies in Computer Sciences,
University of Mysore. Karnataka

Prof. A. M. Shah
Dean Academics
Islamic University of Science and Technology,
Ex-Controller & Dean & Head Department of Management Studies.
Awantipora, J&K.

Prof. S. M. K. Quadri
Professor & Head,
Department of Computer Sciences,
Jamia Millia Islamia, New Delhi

Tariq A. Shah, DVM, PhD, HCLD
Director, Embryology and Andrology Labs
Reproductive Medicine Associates of Michigan
Troy, MI 48084

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



Muheet Ahmed Butt