



MAJID ZAMAN

Scientist E / Controller of Examinations

Directorate of Information Technology & Support System,
University of Kashmir, Hazratbal, Srinagar 190006

PERSONAL DETAILS

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I10-Index: 21

ACADEMIC QUALIFICATION

Doctor of Philosophy (Ph. D)

Specialization: Computer Sciences
Institution: University of Kashmir
Title: *Adaptation System for Data Retrieval and Information Translation from Semantically Heterogeneous, Autonomous Data Sources*
Date of Award: 09-09-2013

Master of Science (M.S)

Specialization: Software Systems
Institution: Birla Institute of Technology and Science (BITS), Pilani.
Title: Data Warehouse for University Examination System
Period: 2004-2006

Bachelor of Engineering(B.E)

Specialization: Computer Science & Engineering
Institution: BAMU, Maharashtra
Result: Distinction
Period: 1997-2001

Sun Certified Java Programmer (SCJP)


Institution: Oracle(Sun Microsystem), USA
Result: 77%
Year: 2002


Fellow of Institute of Electronics and Tele Communication Engineers (FIETE)


Institution: Institute of Electronics and Tele Communication Engineers
Member ID: F235647

SOCIAL

 <https://www.scopus.com/authid/detail.uri?authorId=44961538800>

 [linkedin.com/in/majid-zaman-196a6a5](https://www.linkedin.com/in/majid-zaman-196a6a5)

 <https://orcid.org/0000-0003-1070-8195>

 <https://scholar.google.co.in/citations?user=wKcQD8AAAAJ&hl=en>

SKILLS

Problem Solving
Adaptability
Collaboration

Time Management
Critical Thinking
Innovative
Handling Pressure
Leadership

TOOLS

- Java
- PHP
- MY SQL
- LAMP
- C/C++,
- WEB Designing, Mong DB,
- python,
- Matplotlib etc

Member of Institute of Engineers (MIE)

Institution: Institute of Engineers

Member ID: M-147271-7

Life Member of Indian Society for Technical Education (MISTE)

Institution: Indian Society for Technical Education

Member ID: LM- 76257

EXPERIENCE

Scientist "E" (1st January, 2017 –till date)

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

- Coordinator M.Sc. Information Technology programme, University of Kashmir.
- Established M.Sc. Information Technology, University of Kashmir
- Designed Course Curriculum, statues of M.Sc. Information Technology.
- Faculty Member for M.Sc. Information Technology.
- Registered Research Supervisor for M. Phil. And Ph. D. Computer Science.
- Visiting Faculty for PG Department of Computer Science, Business School, North Campus & South Campus of University of Kashmir, Srinagar.

Scientist "D" (1st January, 2013 –31st December, 2016)

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

- Coordinator M.Sc. Information Technology programme, University of Kashmir.
- Established M.Sc. Information Technology, University of Kashmir
- Designed Course Curriculum, statues of M.Sc. Information Technology.
- Faculty Member for M.Sc. Information Technology.
- Registered Research Supervisor for M. Phil. And Ph. D. Computer Science.
- Visiting Faculty for PG Department of Computer Science, Business School, North Campus & South Campus of University of Kashmir, Srinagar.
- Incharge Examination Information Technology
- Design & Development of One Student One Form, abolishment of Examination Forms.
- Centralized admission of UGCBCS 1st Semester.
- Automation of transit, manual marks entry abolished, multiple Evaluation Centers across valley established.
- Question Bank for UG Courses.

ADMINISTRATIVE

POSITIONS HELD

- Deputy Controller of Examinations (01-10-2015 to 31-08-2017)
- Director NAD & DA, Examination Wing (01-09-2017 to 29-01-2019)

AWARDS

- Best Technical Implementation in the project competition during state level technical festival Exuberance held from 15-17, March 2001, in Maharashtra.
- Second Position in paper presentation competition during state level technical festival Exuberance held from 15-17, March, 2001, in Maharashtra
- 1st Position in First Best Innovative Software Idea **"Qaleen Designer – Reviving Past"**, Awarded by Hon'ble Commissioner Secretary, Jammu and Kashmir Higher Education Higher Education Department

COURSES TAUGHT

LINUX, Data Warehousing, Data Mining, Database Management Systems: My SQL, MS SQL, PLSQL
Operating System, Microprocessor (8085, 8086) Computer Architecture, Open Source Technologies, Computer Graphics, Object Oriented Analysis & Design, Pervasive Computing, UML, System Analysis and Design, Management Information Systems, Decision Support Systems, System Software. Programming Languages: C, C++, Core Java, JSP, JDBC, EJB, PHP, Java Script, Html, AJAX.

Scientist "C" (1st January, 2009 –31st January, 2012)

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

- Coordinator M.Sc. Information Technology programme, University of Kashmir.
- Established M.Sc. Information Technology, University of Kashmir
- Designed Course Curriculum, statutes of M.Sc. Information Technology.
- 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.
- Visiting Faculty for PG Department of Computer Science, Business School, North Campus & South Campus of University of Kashmir, Srinagar.

Scientist "B" (1st January, 2006 to 31st December, 2008)

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.
- Visiting Faculty for PG Department of Computer Science, Business School, North Campus & South Campus of University of Kashmir, Srinagar.

Information Officer (March, 2004 to 31, December 2005)

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.
- Visiting Faculty for PG Department of Computer Science, Business School, North Campus & South Campus of University of Kashmir, Srinagar.

Trainee Engineer (January 2004– March, 2004)

Examination Wing, University of Kashmir, Srinagar

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

Contractual Lecturer (May, 2003– January, 2004)

Center of Distance Education, University of Kashmir, Srinagar

- Taught various Post Graduate Courses.
- Troubleshooting of Computer Hardware.
- Prepared course material for graduate and diploma students.
- Organized and managed various short term courses in the Center of Distance Education.

Consultant (November, 2002– April, 2003)

Indira Gandhi National Open University

- Taught various Graduate and Post Graduate Courses.
- Prepared course material for graduate and diploma students.

Contractual Lecturer (June 2002 – November 2002)

The Business School, University of Kashmir, Srinagar

- Taught various Post Graduate Courses to MBA Students.
- Maintenance of Network and Computer Lab.

Lecturer (August 2001 – June 2002)

CASET College of Computer Sciences, Srinagar.

- Taught various Courses to "B" Level Students.

RESEARCH SCHOLARS

Name of the Scholar	Research Title	Degree	Date of Joining	Date of Award
Mr. S.Jahangeer Sidiq	A Learning Framework for Class Imbalance Problem using Hybrid Sampling	Ph.D. Awarded	29-04-2016	June, 2019
Mr. Mudasir Ashraf	Using Predictive Analysis and Cluster ensembling to enhance classification of academic data	Ph.D. Awarded	21-06-2016	5 th Feb, 2018
Mr. Mirza Shuja Rashid	Design and Implementation of Decision Support System for Prognosis of Diabetes Using Clinical Data.	Ph.D Awarded	25-08-2015	27 th April, 2019
Mr. S.Jahangeer Sidiq	Comparative Study of Various Data Mining Techniques for Management of Diabetes Diagnosis and Prognosis Using Clinical History	M.Phil Awarded	8 th August, 2014	28 th April, 2016

Mr. Mudasir Ashraf	Comparative Study of Various Data Mining Approaches for Efficient Knowledge Discovery in Academic Information Systems	M.Phil Awarded	1 st September, 2014	20 th June, 2016
Mr. Akhtar Rasool Malik	Comparative Study of Various Data Mining Approaches for Psychological Evaluation	M.Phil Awarded	1 st November, 2014	20 th June, 2016
Ms. Saima Mehraj	Design of Efficient Identity and Access Management Techniques for Cloud Computing.	I-Ph.D Submitted	21 Dec, 2015	
Mr. Imran Banday	Framework for Mining Enterprise Big Data	Ph.D Pursuing	24-11-2015	
Mr. Azhar Yousf	Hybrid Framework for Recommender Systems for Handling Cold Start Problem	Ph.D Pursuing	24-11-2015	
Mr. Akhtar Rasool Malik	Analysis and Design of prediction system in health care using fuzzy logic	Ph.D Pursuing	3 rd October, 2016	
Mr. Sameer Koul	Design and Development of Predictive Data Mining Technique for Management of Climate Change, Using Historical Meteorological Data of Kashmir Division	Ph.D. Pursuing	Oct, 2015	
Mr. Sheikh Amir Fayaz	Design and Development of a Hybrid Model Using Deep Learning Neural Network and Random forest (DLNN-RF) on Historical Geographical Data for the Prediction of Rainfall	I-Ph.D. Pursuing	24 Jan, 2019	

PUBLICATIONS

- 1) Fayaz, S.A., Kaul, S., Zaman, M., Butt, M.A. (2022). **An adaptive gradient boosting model for the prediction of rainfall using ID3 as a base estimator**. Revue d'Intelligence Artificielle, Vol. 36, No. 2, pp. 241-250. <https://doi.org/10.18280/ria.360208>
- 2) Sheikh Amir Fayaz, Majid Zaman, Sameer Kaul and Muheet Ahmed Butt, **"Is Deep Learning on Tabular Data Enough? An Assessment"** **International Journal of Advanced Computer Science and Applications(IJACSA)**, 13(4), 2022. <http://dx.doi.org/10.14569/IJACSA.2022.0130454>
- 3) Kaul, Sameer, Sheikh Amir Fayaz, Majid Zaman, and Muheet Ahmed Butt. **"Is decision tree obsolete in its original form? A burning debate."** Revue d'Intelligence Artificielle 36, no. 1 (2022): 105-113.

- 4) Fayaz, S. A. ., Zaman, M. ., & Butt, M. A. . (2022). **Numerical and Experimental Investigation of Meteorological Data Using Adaptive Linear M5 Model Tree for the Prediction of Rainfall** . Review of Computer Engineering Research, 9(1), 1–12. <https://doi.org/10.18488/76.v9i1.2961>
- 5) Riyaz, L., Butt, M. A., & Zaman, M. (2022). **Improving coronary heart disease prediction by outlier elimination**. Applied Computer Science, 18(1), 70-88. <https://doi.org/10.23743/acs-2022-06>
- 6) Neha, K., Sidiq, J., Zaman, M. (2021). **Deep neural network model for identification of predictive variables and evaluation of student's academic performance**. Revue d'Intelligence Artificielle, Vol. 35, No. 5, pp. 409-415. <https://doi.org/10.18280/ria.350507>
- 7) 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."** In International Conference on Innovative Computing and Communications, pp. 593-608. Springer, Singapore, 2022.
- 8) Mohd, Razeef, Muheet Ahmed Butt, and Majid Zaman Baba. **"Grey Wolf-Based Linear Regression Model for Rainfall Prediction."** *International Journal of Information Technologies and Systems Approach (IJITSA)* 15, no. 1 (2022): 1-18.
- 9) Altaf, Ifra, Muheet Ahmed Butt, and Majid Zaman. **"Disease Detection and Prediction Using the Liver Function Test Data: A Review of Machine Learning Algorithms."** In International Conference on Innovative Computing and Communications, pp. 785-800. Springer, Singapore, 2022.
- 10) 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."** In International Conference on Innovative Computing and Communications, pp. 249-265. Springer, Singapore, 2022.
- 11) Riyaz, Lubna, Muheet Ahmed Butt, Majid Zaman, and Omeera Ayob. **"Heart Disease Prediction Using Machine Learning Techniques: A Quantitative Review."** In International Conference on Innovative Computing and Communications, pp. 81-94. Springer, Singapore, 2022.
- 12) 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.
- 13) 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, no. 6 (2021): 1-23.
- 14) Rehman, Aasia, Muheet Ahmed Butt, and Majid Zaman. **"A Survey of Medical Image Analysis Using Deep Learning Approaches."** In 2021 5th International Conference on Computing Methodologies and Communication (ICCMC), pp. 1334-1342. IEEE, 2021.
- 15) 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.
- 16) 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.
- 17) Razeef Mohd, Muheet Ahmed Butt and Majid Zaman Baba. **"Grey Wolf Levenberg–Marquardt-based neural network for rainfall prediction||**, *Data Technologies and Applications*, Emerald Publishing Limited, ISSN: 2514-9288, Accepted Dec, 2019.
- 18) Azhar Yousf Mir, Majid Zaman, S. M. K. Quadri, Muheet Ahmed Butt. **"Cold-Start Problem in Recommender Systems: A Literature Review"**, *IJRECE* Vol. 6, Issue 3, (July - September 2018) ISSN: 2393-9028 (Print) | ISSN: 2348-2281(Online)

- 19) Imran Rashid Banday, Majid Zaman, S. M. K. Quadri, Muheet Ahmed Butt. **"Big Data Mining: A Literature Review"**, IJRECE Vol. 6, Issue 3, (July - September 2018) ISSN: 2393-9028 (Print) | ISSN: 2348-2281(Online)
- 20) 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 "**, IOSR Journal of Engineering (IOSRJEN), ISSN (e): 2250-3021, ISSN (p): 2278-8719, Vol. 08, Issue 9(September. 2018), ||V(I) || PP 01-10
- 21) Khaitul Abeeze, Sandeep Sangwan, Majid Zaman, Muheet Ahmed, Junaid Rasool. **"Framework for Multi Round Security Algorithm"**, IOSR Journal of Engineering (IOSRJEN), ISSN (e): 2250-3021, ISSN (p): 2278-8719, Vol. 08, Issue 8(August. 2018), ||V(VI) || PP 29-41.
- 22) S Jahangeer Sidiq, Majid Zaman, Muheet Ahmed, **"Combating Multi-class Imbalance Problem using Binarization and Sampling||**, International Journal of Computer & Mathematical Sciences IJCMS ISSN 2347 –8527 Volume 7, Issue 1 January 2018 : 43464
- 23) 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 – 8618 Volume 6, Issue 12 January 2018 :8616
- 24) Jahangeer Sidiq, S., Majid Zaman, &Muheet Butt. **"A Comprehensive Review on Class Imbalance Problem"**, Artificial Intelligent Systems and Machine Learning [Online], 10.3 (2018): 59-65. Web. 27 Apr. 2018.
- 25) 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 Volume 7, Issue 1 January 2018
- 26) 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, Page No pp.1333-1342, APRIL 2018,
- 27) Jahangeer Sidiq, S., Majid Zaman, &Muheet Butt. **"A Framework for Class Imbalance Problem Using Hybrid Sampling."** Artificial Intelligent Systems and Machine Learning [Online], 10.4 (2018). Web. Apr. 2018 :45136
- 28) Jeelani Bakshi, Waseem & Hashmy, Rana & Zaman, Majid & Butt, Muheet. (2018). **Logical Data Integration Model for the Integration of Data Repositories.** International Journal of Database Theory and Application. 11. 21-28. 10.14257/ijdt.2018.11.1.03.
- 29) S Jahangeer Sidiq, Majid Zaman, MuheetAhmed, **"An Empirical Comparison of Classifiers for Multi-class Imbalance Learning||**, International Journal of Data MiningandEmerging Technologies IJDMET ISSN 2249-3212, Apr. 2018 : 2836
- 30) Mudasir Ashraf, Dr. Majid Zaman, Dr. Muheet Ahmad **—Performance analysis and different subject combinations: An empirical and analytical discourse of educational data mining||** IEEE 8th International Conference Confluence 2018,11-12 January 2018, p. 79,.
- 31) Mirza, S., Mittal, S., & Zaman, M. (2018). **—Decision Support Predictive model for prognosis of diabetes using SMOTE and Decision tree||**. International Journal of Applied Engineering Research, 13(11), 9277-9282.
- 32) Mirza, S., Mittal, S., & Zaman, M. (2018). **—Applying Decision Tree for Prognosis of Diabetes Mellitus||**. International Journal of Applied Research on Information Technology and Computing, 9(1), 15-20.
- 33) Mirza, S. R., Mittal, S., & Zaman, M. (2018). **—DESIGN AND IMPLEMENTATION OF PREDICTIVE MODEL FOR PROGNOSIS OF DIABETES USING DATA MINING TECHNIQUES||**. International Journal of Advanced Research in Computer Science, 9(2), 895-900.
- 34) **Decision Support System for Prognosis of Diabetes Using Non-Clinical Parameters And Data Mining Techniques.** (To Appear In International Journal of Database Theory and Applications IJDTA, Vol:11 no.3,Sep.18).
- 35) S Jahangeer Sidiq, Majid Zaman, Muheet Ahmed, **—An Experimental Comparison of Extensible Algorithms**

- 36) MsUzmaMuzzaffar, MsSukhvinder 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].
- 37) 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].
- 38) Ms. MehakMehraj, MsArtiGoel, 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].
- 39) MsUzmaMuzzaffar, MsSukhvinder Kaur, Mr. Muheet Ahmed Butt, Mr. Majid Zaman, **—Speaker Change Detection]],** International Journal of Research in Electronics AND Computer Engineering (IJRECE), Volume 5 Issues 3, (July – September, 2017) ISSN (Online): 2348-2281[UGC Approved Journal].
- 40) 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 5Issues 3, (July – September, 2017) ISSN (Online): 2348-2281[UGC Approved Journal].
- 41) Ms. MehakMehraj, 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): 2348-2281 [UGC Approved Journal].
- 42) 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]
- 43) ArusaFirdous, 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].
- 44) 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].
- 45) 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].
- 46) 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].
- 47) 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].
- 48) Sameer Kaul, Majid Zaman, **—Critical Analysis of Data Mining Technique for Meteorological Data Analysis]],**International Journal of Computer & Mathematical Sciences IJCMS ISSN 2347 – 8527 Volume 6, Issue 11 November 2017.
- 49) Sameer Kaul, Majid Zaman, Muheet Ahmed Butt, **—Comparing Rainfall Pattern of Two Cold Regions using Historical Meteorological Rain Dataset]],**International Journal of Innovations & Advancement in Computer Science IJIACS ISSN 2347 – 8616 Volume 6, Issue 12 December 2017.
- 50) Razeef Mohammad, Muheet Ahmed Butt, Majid Zaman, **—Predictive Analytic Modeling: A Walkthrough]],** International Journal of Advanced Research in Computer Science and Software EngineeringIJARCSSE, Volume

- 51) ArusaFirdous, 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]
- 52) 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]
- 53) 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].
- 54) 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]
- 55) Mudasir Ashraf, Dr. Majid Zaman, Dr. Muheet Ahmad —**Impact of performance analysis of varied subjects on overall result: An empirical discourse of educational data mining**|| IEEE NINTH INTERNATIONAL CONFERENCE ON ADVANCED COMPUTING (ICoAC), 14-16 December 2017, pp. 173-180.
- 56) Mudasir Ashraf, Dr. Majid Zaman, Dr. Muheet Ahmad —**Tools and Techniques in Knowledge Discovery in Academia: A Theoretical Discourse**||, International Journal of Data Mining and Emerging Technologies, Volume 7, Number 1, May, 2017, pp. 1-9
- 57) Mudasir Ashraf, Dr. Majid Zaman, Dr. Muheet Ahmad —**Role of Effectual Predictors of Academic Achievement: An Analytical Study on Select Course Adopted**|| Artificial Intelligent Systems and Machine Learning,
- 58) Mudasir Ashraf, Dr. Majid Zaman, Dr. Muheet Ahmad —**Using Predictive Modelling System and Ensemble Method to Ameliorate Classification Accuracy in EDM**|| Asian journal of Computer science and Technology,.
- 59) Shuja Mirza, Dr. Sonu Mitta, Dr. Majid Zaman, “**A Review of Data Mining Literature**”, International Journal of Computer Science and Information Security (IJCSIS), ISSN 1947-5500 Vol. 14, No. 11, November 2016, Pages 437-442.
- 60) 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.
- 61) 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) ISSN:2455-3956, Volume-3, Issue-1, July 2016 Pages 74-76.
- 62) Muheet Ahmed Butt, Majid Zaman, —**Challenges in Analysis and Assessment for University of Kashmir Examination System**||, International Journal of Engineering Management and Sciences (IJEMS), Volume 3 Issue 6 Pages 18-20. ISSN No; ISSN:2348-3733, June 2016.
- 63) Majid Zaman, Muheet Ahmed Butt, —**Empowering Economy Through ICT: A Case Study of Kashmir Valley**||, International Journal of New Technology and Research (IJNTR) ISSN:2454-4116, Volume-2, Issue-6, June 2016 Pages 113-115.
- 64) 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.
- 65) S Jahangeer Sidiq, Dr. (Er.) Majid Zaman and Dr. MuheetAhmed, “**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
- 66) 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

- 67) Mirza Waseem Hussain, Dr. Sanjay Jamwal, Dr. Majid Zaman, "**Congestion avoidance by estimating proper round trip time(RTT) using neural networks**", INTERNATIONAL JOURNAL OF RESEARCH IN ELECTRONICS AND COMPUTER ENGINEERING (IJRECE), ISSN 2393-9028, Vol 3, Issue 3, July-Sept, 2015, Page 96-102
- 68) Mirza Waseem Hussain, Sanjay Jamwal, Majid Zaman, "**Congestion Control Techniques in a Computer Network: A Survey**", International Journal of Computer Applications (0975 – 8887) Volume 111 – No 2, February 2015.
- 69) Mirza Waseem Hussain, Sanjay Jamwal, Majid Zaman, "**Intelligent Congestion Control Algorithm in a Network: Possible Alternatives**", International Journal of Advanced Research in Computer Science and Software Engineering(IJARCSSE), Volume No 5, Issue No 1, ISSN: 2277 128X, January, 2015
- 70) 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
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- 74) 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.
- 75) Devshree Nayak, Muheet Ahmed Butt, Majid Zaman, —**Scheduling with Hadoop: A Comparative Survey**||, International Conference on Computer Science, Computer Engineering and Applied Computing Las Vegas, USA, July 16-19, 2013, WORLD COMP 13 ISBN 1-60132-050-7
- 76) Majid Zaman, Muheet Ahmed Butt, —**Enterprise Management Information System: Design and Architecture**||, International Journal of Computational Engineering Research (IJCER), ISSN : 2250-3005, May, 2013.
- 77) 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.
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- 79) 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.
- 80) 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.
- 81) 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.

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- 85) 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
- 86) 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.
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- 88) NomaanMaqbool 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
- 89) 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.
- 90) NomaanMaqbool Rao, Muheet Ahmed Butt, Majid Zaman, Waseem JeelaniBakshi **—Distributed Data Warehouse Architecture: An Efficient Priority Mechanism for Query Formulation**||, International Journal of Engineering and Innovative Technology, Volume 2 Issue 8, ISSN:2277-3754, February,2013.
- 91) Muheet Ahmed Butt, Majid Zaman, **—Cognitive Radio Network: Security Enhancements**||, Journal of Global Research in Computer Science, JGRCS, Illinois, USA (ISSN-2229-371X), Volume 4 Issue 1, February, 2013.
- 92) 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.
- 93) DeveshreeNayak, 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.
- 94) 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
- 95) Qamar Rayees, Muheet Ahmed Butt, Majid Zaman, Azgar Ali, **—A Novel Approach Based Information Integrity Modeling**", International Journal of Engineering Science and Innovative Technology (IJESIT), Volume 2 Issue 1, January 2013 pp 210-215.
- 96) 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.
- 97) 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.
- 98) 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].

- 99) 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
- 100) 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.
- 101) Majid Zaman, S. M. K. Quadri, Muheet Ahmed Butt, **—User Desired Information Translation**, Journal of Global Research in Computer Science, JGRCS, Illinois, USA (ISSN-2229-371X), Volume 3 Issue 6, July, 2012, PP 51-53.
- 102) 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
- 103) 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.
- 104) 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.
- 105) 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
- 106) 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.
- 107) Majid Zaman, S. M. K. Quadri, Muheet Ahmed Butt, **—Integrating Information from Heterogeneous Data Sources: University of Kashmir Case Study**, Journal of Global Research in Computer Science, JGRCS (ISSN-2229-371X), Volume 3 Issue 5 Illinois, USA
- 108) 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.
- 109) Majid Zaman, S. M. K. Quadri, Muheet Ahmed Butt, "**Generic Search Optimization for Heterogeneous Data Sources**" International Journal of Computer Applications, Foundation of Computer Science, New York, USA. April, 2012.
- 110) 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

CONFERENCE PUBLICATIONS

- 1) Quadri S. M. K, Majid Zaman and Maroof Nayeem Qadri, "**E-GOVERNANCE DEVELOPMENT: AGILE PERSPECTIVE**", International Conference on Recent Trends in Computer Science and Engineering, Feb 8-9, 2014 Patna, (INDIA).
- 2) Majid 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.
- 3) Majid Zaman, Muheet Ahmed Butt "**Information Translation: A Practitioners Approach**", World Congress on Engineering and Computer Science (WCECS), San Francisco, USA. October, 2012.
- 4) 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.

- 5) 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.
- 6) 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.
- 7) 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.
- 8) 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.
- 9) 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.
- 10) 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

CONFERENCES/ SEMINARS/ WORK SHOPS ATTENDED

- 1) Attended three day International Conference from 24-26 October, 2012 on "World Congress on Engineering and Computer Science, 2012(WCECS 2012)" at University of California, Berkeley, San Francisco, USA and presented a paper "Information Translation: A Practitioners Approach", [ISBN: 978- 988-19251-6-9]
- 2) Attended three day National Conference from September 21-23 on "Contemporary Issues in Business, Management and Finance" organised by the Department of Business and Financial Studies, university of Kashmir, Srinagar and presented a co-authored paper "Service Science Management and Engineering: An Emerging Discipline"
- 3) Attended three week Refresher Course from January 16-February 8 at Academic Staff College University of Kashmir, Srinagar
- 4) Attended one day Regional Workshop on September 11 on "National Knowledge Network (NKN)", organized by National Information Centre at Srinagar
- 5) Attended three day Workshop in November on "Role of Information Technology in Higher Education" organized by the Department of Education, University of Kashmir, Srinagar
- 6) Participated in short term course on "MECHATRONICS" organized by Department of Electronics & Instrumentation Technology in collaboration with Academic Staff College, University of Kashmir & Department of Mechanical Engineering, NIT, Srinagar from 21-06-2011 to 26-06-2011
- 7) 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.
- 8) Participated in two day national Seminar on "NANOTECHNOLOGY" organized by the Department of Electronics and Communication, the University of Kashmir, Srinagar.
- 9) Participated in four day training program on AIX Unix, Bangalore, 20th -23rd Feb, 2006.
- 10) Participated in Two-Day National Seminar on "Advances in Soft Computing" 7-10-2005 to 8-10-2005, organized by the Department of Electronics, the University of Kashmir, Srinagar.
- 11) Participated in four day training program on "Linux System & Network Administration", Bangalore, 23-02-2004 to 26-02-2004.
- 12) Participated in two-day workshop-cum-seminar on "Promotion of Information Technology in Jammu and

Kashmir" at SKICC, Srinagar on 5-01-2001 to 06-01-2001 organized by J & K Industrial Development Corporation Ltd. (SIDCO) in collaboration with Electronics and Software Export Promotion Council.

INVITED LECTURES DELIVERED

- 1) Delivered an invited talk in the 5th J&K Women Science Congress 2018 on **—Emerging Trends in Science: Role of Women||** organised by Govt. College for Women M.A Road Srinagar from 27th to 29th March, 2018.
- 2) Contributed as a resource person in the workshop titled **—Relevance of information technology in the teaching learning process||** from 20th to 26th march 2018 organised by Department of Information Technology and Zoology, Islamia College of Science and Commerce.
- 3) Delivered key note address in the workshop titled **—Relevance of information technology in the teaching learning process||** on 26th march 2018 organised by Department of Information Technology and Zoology, Islamia College of Science and Commerce.
- 4) Contributed as a resource person in the technical session vii on the topic **—Data Analysis of Internet of Things||** at the one week national faculty development programme on Internet of Things (IOT)- Applications organised in collaboration with EDC, IIT ROORKEE on 27th January to 2nd February 2018.
- 5) Delivered 2 lectures on **"Academic Mining for Decision Making in Higher Education"** to the participants of **77th General Orientation Course||** , conducted from **26-12-2017 to 23-01-2018** organized by UGC-Human Resource Development Centre, University of Kashmir.
- 6) Delivered lecture to the **"sector specific workshop on vocational education"** participants on the topic titled **"Cloud Computing"** held on 24th-28th October, 2017 at the deptt. Of management studies, University of Kashmir.
- 7) Delivered lecture on **"Open Source Technologies"** to the participants of the **"1 Days workshop on Open Source Technologies & System Software Development||**, conducted on **14-10-2017** organized by Govt. College for Women, Cluster University of Kashmir, Srinagar.
- 8) Chaired **Session: S4** in the **"UGC sponsored National Seminar on Electronic Devices, System and Information Security, SEEDS 2017||** on 24-25th March, 2017 organized by the Post Graduate Department of Electronics and Instrumentation Technology, University of Kashmir.
- 9) Delivered lecture on **"Big Data Analytics"** to the participants of the **"10 Days Training Programme on Big Data Analytics||**, conducted between **10-03-2017 to 20-03-2017** organized by Department of Information Technology, National Institute of Technology, Srinagar.
- 10) Delivered lecture on **"Role of Data Mining in achieving transparency in Higher Education"** to the participants of the **"Special Winter School refresher Course||**, conducted on **22-02-2017** organized by UGC-Human Resource Development Centre, University of Kashmir.
- 11) Delivered lectures on **"Introduction to Data Mining"** to the participants of the **"Refresher Course In Behavioural Science||**, conducted on **28-01-2017** organized by UGC-Human Resource Development Centre, University of Kashmir.
- 12) Delivered 2 lectures on **"Academic Mining"** to the participants of the **"73rd General Orientation Course||** , conducted on **09-12-2016** organized by UGC-Human Resource Development Centre, University of Kashmir.
- 13) Delivered 2 lectures on **"Academic Mining"** to the participants of the **One Week Workshop in Information Technology||**, conducted on **18-06-2016** organized by UGC-Human Resource Development Centre, University of Kashmir.
- 14) Delivered 2 lectures on **"Microsoft Word"** to the participants of the **One Week Workshop in Information Technology||**, conducted on **14-06-2016** organized by UGC-Human Resource Development Centre, University of Kashmir.
- 15) Delivered 2 lectures on **"Academic Mining"** to the participants of the **One Week Workshop in Information Technology||**, conducted on **22-03-2016** organized by UGC-Human Resource Development Centre, University of Kashmir.
- 16) Chaired **Session** in the **"UGC sponsored National Seminar on Electronic Devices, System and Information Security, SEEDS 2016||** on 18-19th March, 2016 organized by the Post Graduate

- 17) Delivered 2 lectures on "**Microsoft Word**" to the participants of the **One Week Workshop in Information Technology**||, conducted on **17-03-2016** organized by UGC-Human Resource Development Centre, University of Kashmir.
- 18) Presented a Session "**Big Data: A Growing Tide not Hype**" in the "2015 international conference on Advances in Computers, Communication and Electronic Engineering"(COMMUNE-2015) organized from **16-18 March, 2015** by the Post Graduate Department of Electronics and Instrumentation Technology, University of Kashmir.
- 19) Chaired **Technical Session-3:Commune-2015(c1)** in the "2015 international conference on Advances in Computers, Communication and Electronic Engineering"(COMMUNE-2015) organized from **16-18 March, 2015** by the Post Graduate Department of Electronics and Instrumentation Technology, University of Kashmir.
- 20) Presented a Session "**Information Security**" in the "2015 international conference on Advances in Computers, Communication and Electronic Engineering"(COMMUNE-2015) organized from **16-18 March, 2015** by the Post Graduate Department of Electronics and Instrumentation Technology, University of Kashmir.
- 21) Delivered a lecture on "**Relationship between e-Government, ICT & e-Governance**" to the trainee participants of the **Training Course on –e-Governance**|| , sponsored by DOPT, Govt. of India and organized by Jammu & Kashmir, Institute of Management Public Administration and Rural Dev on 8th July, 2014.
- 22) Delivered a lecture in technical session on 25th March, 2014, in one week **UGC Sponsored Faculty Development Workshop on –ICT & e-Learning in Higher Education**", organized by Department of Computer Applications, Islamia College of Science & Commerce.
- 23) Delivered lecture on "**Matplotlib Tools**" to the participants of the "**Refresher Course in Computer Applications**||, conducted on **03-01-2014** organized by UGC-Human Resource Development Centre, University of Kashmir.
- 24) Delivered lecture on "**Microsoft Word**" to the participants of the "**Refresher Course in Computer Applications**||, conducted on **04-01-2014** organized by UGC-Human Resource Development Centre, University of Kashmir.
- 25) Delivered lecture on "**Computer Security Fundamentals**" to the participants of the "**Refresher Course in Computer Applications**||, conducted on **04-01-2014** organized by UGC-Human Resource Development Centre, University of Kashmir.
- 26) Delivered lecture on "**Evaluation of Papers**" to the participants of the "**Refresher Course In Computer Applications**||, conducted on **19-01-2014** organized by UGC-Human Resource Development Centre, University of Kashmir.
- 27) Delivered lecture on "**Cyber Security Fundamentals**" to the participants of the "**63rd General Orientation Course**||, on **11-1-2014** organized by UGC-Human Resource Development Centre, University of Kashmir.
- 28) Delivered lecture on "**Computer & Communication Information Technology**" to the participants of the "**61st General Orientation Course**||, on **04-03-2013** organized by UGC-Human Resource Development Centre, University of Kashmir.
- 29) Delivered lecture on "**Artificial Intelligence**" to the participants of the "**Refresher Course In Basic & Applied Science**||, conducted on **18-05-2013** organized by UGC-Human Resource Development Centre, University of Kashmir.
- 30) Delivered lecture on "**Data Mining**" to the participants of the "**Refresher Course In Basic & Applied Science**||, conducted on **23-05-2013** organized by UGC-Human Resource Development Centre, University of Kashmir.
- 31) Delivered lecture on "**Data Mining Fundamentals**" to the participants of the "**Refresher Course in Computer Applications**||, conducted on **31-12-2013** organized by UGC-Human Resource Development Centre, University of Kashmir.

- 32) **Participated in the four week UGC sponsored 62nd General Orientation Course** organized from 10th June, 2013 to 08th July, 2013 and obtained Grade "A".
- 33) **Participated in the three week UGC sponsored Research Methodology Refresher Course in Sciences** organized from 16 Jan, 2012 to 08th Feb, 2
- 34) Delivered lecture on "**Role of IT in Re-engineering of Administration**" to the participants, conducted on **17-02-2021** organized by J&K IMPA, Srinagar.
- 35) Delivered **six** lectures on "**E-governance**" to the participants, conducted from **10-06-2020 to 25-06-2020** organized by J&K IMPA, Srinagar
- 36) Delivered lecture on "**Internet of Things**" to the participants of the "**86th Guru Dakshta Faculty Induction Programme**", conducted on 10-11-2021 organized by UGC-Human Resource Development Centre, University of Kashmir.
- 37) Delivered lecture on "**Privacy Protection And Security Challenges in Electronic Healthcare Records**" to the participants of the "**Recent Developments in Science, Humanities & Management-2018**", conducted on 17-04-2018 organized by Amar Singh College, Cluster University, Srinagar.
- 38) Delivered lecture on "**Academic Mining**" to the participants of the "**73rd General Orientation Course**", conducted on 09-12-2016 organized by UGC-Human Resource Development Centre, University of Kashmir.
- 39) Delivered two lectures on "**Cognitive Skills and Design thinking**" to the participants, conducted on 31-03-2021 organized by AICTE, Faculty Development cell.
- 40) Delivered two lectures on "**Online FDP on Data Science**" to the participants, conducted on 25-08-2020 organized by AICTE training and Learning.
- 41) Delivered four lectures on "**Dig Data Analytics**" to the participants, conducted from 15-03-2017 to 20-03-2017 organized by Department of Science and Technology (BDI), Govt. of India.
- 42) Delivered lecture on "**Cloud Computing**" to the participants of the "**Sector Specific Workshop on Vocational Education**", conducted on 28-10-2017 organized by Directorate of Rashtriya Madhyamik Shiksha Abhiyan, J&K.

Declaration

I hereby that all the information furnished above is true and genuine to the best of my knowledge and I bear the responsibility for the correctness of the above mentioned particulars.

Majid Zaman