



Bulbul Bagh Barzulla Srinagar J&K India 190005



9697034923



Prof.saleem@jk.gov.in
arsaleemmir@gmail.com



<https://sites.google.com/view/mirsaleem>



Curriculum Vitae

Mohd Saleem Mir
Senior Assistant Professor @
Higher Education Department, J&K Govt.

Objectives

To come up with research that is applicable in the ever emerging and changing world of research & development and to contribute to the future technology while achieving my targets of personal growth and job satisfaction.

ACADEMIC QUALIFICATION

- Pursuing Ph. D in Artificial Intelligence.
- Masters in Computer Applications from Kashmir University.
- Bachelor of Science (BSc.) from Kashmir University.

TECHNICAL QUALIFICATION

- Oracle Certified DBA Course from CDAC NOIDA – Certificate from ORACLE.
- Diploma in VS.Net | SQL Server | Crystal Reports from NIELIT.

WORK EXPERIENCE

- Working as Senior Assistant Professor at GDC Pattan.
- 2014-2023: Worked as Assistant Professor at J&K Institute of Mathematical sciences Srinagar J&K.
- Jan 2012–2014: Worked as Assistant Professor Govt Women's College Baramulla J&K.

- 2011: Worked as lecturer in Islamia College, Hawal, Srinagar, J&K.
- 2010: Worked as lecturer in S.P College, M.A Road, Srinagar J&K.
- 2008-09: Worked as Project Guide in NIELIT New Delhi Authorized Times Computers, J&K
- 2007: Worked as lecturer in P.G Department of Computer Sciences, Kashmir University.
- 2006: Worked as Instructor/ Project Guide in Manipal University of IT, Study Centre Srinagar J&K.

Achievements

- Member, Board of Studies, for Computer Sciences & Information Technology @ Cluster University, Srinagar
- Member, Board of Studies, for Computer Sciences @ JKIMS Srinagar.
- Project evaluator for Computer Sciences (MCA & BCA) @ IGNOU Srinagar.
- Project evaluator for Computer Sciences (MCA | BCA | A + B Level) @ National Institute of Electronics & Information Technology (NIELIT), New Delhi.
- Resource person for various Training Programmes @ Institute of Advanced Studies in Education (IASE) Srinagar.
- Member, team of Kashmir University for Inspection of Private IT Colleges as IT Expert.
- Nodal Officer for AISHE (All India Survey of Higher Education) @ JKIMS Srinagar.
- Member Managing Council/ Committee of JKIMS.
- Nodal Officer for National Scholarship Portal @ JKIMS Srinagar.
- Coordinator for MOOCS/ online course like SWAYAM for P.G students @ JKIMS Srinagar.

Publications

- Improving the Performance of Hierarchical Scheduling for Rendering. Publisher IEEE, 2014 Innovative Applications of Computational Intelligence on Power, Energy and Controls with their impact on Humanity (CIPECH), (DOI: 10.1109/CIPECH.2014.7019061)

- Biometric verified Access Control of Critical Data on a Cloud. Publisher IEEE, 2014 International Conference on Communication and Signal Processing, (DOI: 10.1109/ICCSP.2014.6949992)
- Access of Cloud Based E-Learning Content, International Journal of Advance Research in Science and Engineering, IJARSE (ISSN: 2319-8354), international Referred | Peer Reviewed Journal. Nov 2017. (http://www.ijarse.com/images/fullpdf/1511159859_311_IJARSE.pdf)
- Big Data Analytics- Perspective and Challenges. Conference Proceedings, 1ST J&KTEACHERS SCIENCE CONGRESS on Pedagogy and Review of Current Science Education 12TH -14TH November 2017 @ JKIMS, Srinagar
- ANN Based Land Cover Classification - New Technique, 1ST J&KTEACHERS SCIENCE CONGRESS on Pedagogy and Review of Current Science Education 12TH -14TH November, 2017 @ JKIMS, Srinagar.
- E-commerce personalization with Big-Data & Challenges, International Journal of Advance Research in Science and Engineering (IJARSE), ISSN: 2319-8354, international Referred | Peer Reviewed Journal, Vol 6, 2017.
- Empirical Comparison of Machine Learning Models for Autism Diagnosis, Conference Proceedings, International Conference on Advances in Sciences, April 20-22, 2018, Amar Singh College, Cluster University, JK, India.
- Diagnosis and Classification of Thyroid Disorder using Machine Learning - A Systematic Review, International Journal of Emerging Technologies and Innovative Research (JETIR), UGC and ISSN Approved, ISSN:2349-5162, Vol.6, Issue 1, page No. pp1040-1048, Jan 2019.
- Effectiveness Of Machine Learning Classifiers On Imbalanced Datasets, INTERNATIONAL JOURNAL OF RESEARCH AND ANALYTICAL REVIEWS (IJRAR), International Peer Reviewed & Refereed Journals, Open Access Journal, ISSN Approved Journal No: E-ISSN 2348-1269,P- ISSN 2349-5138, April 2019.
- Thyroid Prediction on Imbalanced Datasets Using Machine Learning Classifiers, INTERNATIONAL JOURNAL OF APPLIED RESEARCH ON INFORMATION TECHNOLOGY AND COMPUTING) Vol 12(Issue 1to3) Page: 21-30, Published: Jan 2021.
- Improving Classification Accuracy of Machine Learning Algorithms for Thyroid Prediction using Ensemble Models, ICIASE 2022 (International Conference on Innovation in Applied Science and Engineering) at NIT Jalandhar, May 2022.
- Mathematics-Indispensable Part of Machine Learning @ 2-Day National Level Conference 'Analysis and Discrete Mathematics' at JKIMS, Srinagar JK India (17-18, October, 2022).

- ‘Two-Value Logic of Boolean Algebra for Data Processing of Digital Devices: Going Beyond’ as co-author @ 2-Day National Level Conference ‘Analysis and Discrete Mathematics’ at JKIMS Srinagar JK India (17-18, October, 2022).
- Improved Thyroid Disorder Prediction using Embedded Feature Selection and DNN @ International Conference on Multidisciplinary Research and Innovation 2024 ICMRI 19-20, March 2024, Cluster University Srinagar, JK, India.
- Using Hybrid Machine Learning Techniques to Predict Heart Disease, Effectively. @ International Conference on Multidisciplinary Research and Innovation 2024 ICMRI 19-20, March 2024, Cluster University Srinagar, JK, India.
- An Application of Traditional and Ensemble Machine Learning Approaches to Redefine Thyroid Disorder Diagnosis published in SCOPUS Indexed Journal International Information and Engineering Technology Association (IIETA), Sep 2024.

Invited Talks

- Delivered talk ‘Effective Searching On GOOGLE’ in General Orientation Course, conducted by Academic Staff College, Kashmir University from 9Th February 2012 – 10Th March, 2012.
- Delivered talk ‘Programming for youth’ at St. Joseph Higher Secondary School Baramulla, J&K, as chief Guest on Computer Day celebrated by the school June 2013.
- Delivered talk ‘Python-Way Forward’ in 3-Week Multi-disciplinary Refresher course in conducted by Academic Staff College, Kashmir University from 26Th December, 2013 – 20Th January, 2014.
- Delivered lecture on ‘Technology in classroom’ at 1st J&K Science Teachers Congress (12-14 Nov, 2017) on ‘Pedagogy & Review of current Science Education’ at JKIMS Srinagar, JK, India.
- Delivered a talk on ‘Social Personalization - Future Perspective’ at 1-week National Level Workshop on Machine Learning and Mathematical Modelling 26-30 Nov, 2018 @ JKIMS Srinagar.
- Delivered lecture on MASSIVE OPEN ONLINE COURSES (MOOCs) at Institute of Advanced Studies in Education (IASE) Srinagar, J&k, on 9Th Feb, 2019.
- Delivered e-lecture ‘Machine Learning Applications in Real World’ @ 2-week UGC - Human Resource Development Centre sponsored Refresher Course in ICT @ Sant Gadge Baba Amravati University (01-13 August 2022).

Conferences | Workshops | Seminars

- 4-Week General orientation course in conducted by Academic Staff College, Kashmir University from 9Th February 2012 – 10Th March, January 2012.
- 3-Week Multi-disciplinary Refresher course in conducted by Academic Staff College, Kashmir University from 26Th December, 2013 – 20Th January 2014.
- International Conference on Communication and Signal Processing, April 3-5, 2014, Adhiparasakthi Engineering College, Melmaruvathur, India
- 1st J&K Science Teachers Congress (12-14 Nov, 2017) on 'Pedagogy and Review of current Science Education' at JKIMS Srinagar, JK, India.
- International Conference on Recent Innovations in Science Agriculture, Engineering and Management (20 Nov, 2017) at College of Computer Applications, Guru Kashi University, Bathinda Punjab, India.
- International Conference on Advances in Sciences, 20-22 April, 2018, Amar Singh College, Cluster University, JK, India.
- International Conference on Innovation in Applied Science and Engineering (ICIASE 2022) at NIT Jalandhar, May 2022.
- 2-Day National Level Conference 'Analysis and Discrete Mathematics' at Jammu & Kashmir Institute of Mathematics, Srinagar JK India (17-18, October, 2022)
- UGC-Human Resource Development Centre sponsored Refresher Course in ICT @ Sant Gadge Baba Amravati University (01-13 August, 2022).
- 1-Month National Level Lecture Series 'for popularizing Mathematical sciences amongst students' August-September, 2021.
- 10-day ISTE workshop on Database Management Systems conducted by IIT Bombay under NMEICT (MHRD Govt. of India) from 13 - 23 December, 2010, at National institute of Electronics & Information Technology (NIELIT) Srinagar Centre.
- 4-Week General orientation course in conducted by Academic Staff College, Kashmir University from 9Th February 2012 – 10Th March, January 2012.
- 1-Day workshop on Next Generation Networks in National Institute of Technology (NIT) Srinagar on 26Th May 2012.
- 1-Day workshop on Microsoft Technologies at Kashmir University Srinagar on 24Th June 2012.

- 3-Day workshop on Web Technologies from 21 - 23 August, 2013, at National institute of Electronics & Information Technology (NIELIT) Srinagar Centre.
- 3-Week Multi-disciplinary Refresher course in conducted by Academic Staff College, Kashmir University from 26Th December, 2013 – 20Th January 2014.
- 2-Day National Level seminar on ‘Towards new horizons with interplay between Physics & Computer Sciences’ at Amar Singh College Srinagar from 9 - 10 June, 2014.
- 2-week ISTE workshop on Cyber Security conducted by IIT Bombay under NMEICT (MHRD Govt. of India) from 10 - 20 July, 2014, at National institute of Electronics & Information Technology (NIELIT) Srinagar Centre.
- 1-week National Level Workshop on Mathematica and Related Software 24Th Feb – 2nd March, 2014 @ JKIMS Srinagar.
- 10-Day workshop on Mathematical Training and Talent Search (MTTS), 01-10 August, 2014, sponsored by National Board for Higher Mathematics (NBHM), Department of Atomic Energy, Govt of India.
- Coordinator Outreach programmes at various schools alongwith faculty of JKIMS Srinagar as part of duties assigned by the Higher Education Department J&K Govt.
- 2-Day National level seminar on ‘Role of Mathematical Sciences in developing creative thinking’ at JKIMS Srinagar from 25 - 26 Nov, 2015.
- 10-Day workshop on Mathematical Training and Talent Search (MTTS), 22-31 July, 2015, sponsored by National Board for Higher Mathematics (NBHM), Department of Atomic Energy, Govt of India.
- 3-Day State level seminar on ‘Teaching & Learning Mathematics at School Level’ at JKIMS Srinagar from 8 - 10 December, 2015.
- 5-Day State level workshop ‘Curriculum framing of integrated course in Mathematics’ at JKIMS Srinagar from 9 - 13 March, 2017.
- 3-Day National level workshop ‘Curriculum finalization of integrated course in Mathematics’ at JKIMS Srinagar from 28 - 30 April, 2017.
- 2-Day National Level Workshop (23-24 Sep, 2017), on Data Analytics and Cloud Based IoT @ SSM College of Engineering, Baramulla, J&K.
- 1st Teacher’s Science Congress (12-14 Nov, 2017) Titled Pedagogy and Review of current Science Education @ JKIMS Srinagar.
- 15-Day Academic Program at Chennai Mathematical Institute (CMI, Chennai) from 12 - 25 Jan, 2018.
- 1- Day Seminar “Women in Science” 11Th March 2020 @ JKIMS Srinagar.

- 1-week National Level Workshop on Machine Learning and Mathematical Modelling 26 - 30 Nov, 2018 @ JKIMS Srinagar.
- 1-Day Seminar 'Role of Women in Sciences' at JKIMS, Srinagar JK India (11Th March, 2020)
- 2-Day National Level Seminar 'Mathematics indispensable part of Human Culture' at JKIMS, Srinagar JK India (23-24, December, 2020)
- One-Week Online Faculty Development Program on Recent Research Developments in Mathematics, Statistics and Their Applications, (20 - 26 May, 2021) organized by Mathematics Division, Department of Basic Sciences & Humanities, GMR Institute of Technology, Rajam, Andhra Pradesh, India.
- One week online National level Faculty Development Program on "ROLE OF MATHEMATICS IN LATEST ENGINEERING TRENDS" organized by the Department of Mathematics, under Department of Science and Humanities, Lords institute of engineering and technology from 4 – 10 June, 2021.
- One Week National Workshop on Cyber Security oversight for Information Protection Cyber Security Thrust Areas (12 - 16 July, 2021) from Cochin University of Science and Technology.
- One Week Faculty Development Programme on "Recent Trends in Applications of Mathematics (RTAM)" organized by Department of Freshman Engineering, Chadalawada Ramanamma Engineering College (Autonomous), Tirupati from 12 - 17 July, 2021.
- One-Day National WEBINAR on "Shaping the future with Information Technology" organized by DRIEMS School of Professional Studies, on 24" July,2021.
- One Week National Workshop on Data Analytics Using Python, Under Research Capacity Building UGC – STRIDE Scheme, UGC, New Delhi organized by Department of Statistics, K.R.T. Arts, B.H. Commerce and A.M. Science (K.T.H.M.) College, Nashik, Maharashtra during 9 - 15 August, 2021.
- Attended IIT Bombay (ERTS Lab) Sponsored, Two-day workshop on "Introduction to Embedded Systems and Robotics" conducted on 21st & 22nd November 2023 held at IUST, JK.
- Attended one-week Online Faculty Development Programme (FDP) On "Trends in Technological Intelligence 2023 (T2I-2023)" Organized by the Departments of Electronics & Communication and Electrical Engineering BABU BANARASI DAS NORTHERN INDIA INSTITUTE OF TECHNOLOGY, LUCKNOW (August 21 to 27, 2023.)

- Attended 5-Days Online Workshop on Research Methodology, (17/09/24 -21/09/24) @ Himalayan University, A.P India.

As Organizing Secretary

- 3-Day workshop on Web Technologies from 21 - 23 August, 2013, at National institute of Electronics & Information Technology (NIELIT) Srinagar Centre.
- 1-week National Level Workshop on Mathematica and Related Software 24Th Feb – 2nd March, 2014 @ JKIMS Srinagar.
- 10-Day workshop on Mathematical Training and Talent Search (MTTS), 01-10 August, 2014, sponsored by National Board for Higher Mathematics (NBHM), Department of Atomic Energy, Govt of India.
- 1 Month Outreach programmes at various schools as part of popularizing Mathematical Sciences (An Initiative by the Higher Education Department J&K Govt)
- 2-Day National level seminar on 'Role of Mathematical Sciences in developing creative thinking' at JKIMS Srinagar from 25 - 26 Nov, 2015.
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- 1-Day Seminar 'Role of Women in Sciences' at JKIMS, Srinagar JK India (11Th March, 2020)
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- 2-Day National Level Conference 'Analysis and Discrete Mathematics' at Jammu & Kashmir Institute of Mathematics, Srinagar JK India (17-18, October, 2022)
- 1-Month National Level Lecture Series 'for popularizing Mathematical sciences amongst students' August-September, 2021.

Regards

Mohd Saleem Mir