

Curriculum Vitae

Prof. S. M. K. Quadri

M. Tech., Ph. D. (Computer Science)

**Professor, Department of Computer Science and
Former Hony. Director, Centre for Information Technology,
Former HOD, Department of Computer Science,
Jamia Millia Islamia, Jamia Nagar, New Delhi, INDIA - 110025**



E-mail: quadrismk@jmi.ac.in

Web Site: <http://www.jmi.ac.in/computerscience>

Date of Birth 01-01-1965

Marital Status: Married

Religion: **Islam**

Research Area of Interest: Software Engineering, Software Reliability Engineering

Topic of Ph.D.: A study of Software Reliability Growth Models Considering Optimal Software Release Policies and Hardware Reliability Theory.

Topic of M. Tech Dissertation: Development of Budgetary Information system Related to Fund Allocation and Expenditure for a university

Publications: **166** Papers, **10** Book Chapters and **04** Books have been published; please see annexure-I, II & III.

Citations: 2047

h-index: 23

i10index: 53

Google Scholar: <https://scholar.google.com/citations?user=MG-Y2soAAAAJ&hl=en&oi=ao>

Scopus: <https://www.scopus.com/authid/detail.uri?authorId=23397581400>

Web of Science: <https://www.webofscience.com/wos/author/record/34246685>

Invited Lecture/Session Chaired in Conferences/Workshop: 22.

Total Working Experience: - **30+** Years.

Details of Employee & Teaching Experiences in Chronological Order

S. No.	University	Designation	Period	Nature of Duties
1.	Jamia Millia Islamia	Professor & HOD	24 March 2019 to 23-March 2022	Teaching and Research & Administration
2	Jamia Millia Islamia	Professor	1 Jan 2016 to till date	Teaching and Research
3	Jamia Millia Islamia	Hony. Director, CIT	8-8-2018 to 25.02.2020	Supervision of all activities related to IT and supports of the university
4	Jamia Millia Islamia	Hony. Addl. Director, CIT	5-2-2016 to 7-8-2018	Supervision of maintenance activity of all computers and peripherals of the

				university
5	University of Kashmir, sgr.	Professor & HOD	12.12.12 to 31.12.2015	Teaching, research and administration.
6	--- do ---	Director, Information Technology (additional charge)	03.04.13 to 31.12.2015	Planning and execution of e-governance in the University of Kashmir and affiliated colleges of the Kashmir valley in J&K state
7	--- do ---	I/c Director & HOD	17.3.2009 to 11.12.12	Teaching, Research and Administration
8	--- do ---	System Manager / Scientist-D (Reader's Grade)	16-03-1997 to 11.12.12	Teaching MCA, PGDCA & Research (MPhil/PhD)
9	--- do ---	System Analyst(Lecturer's Grade)	6-8-1992 to 15-3-1997	Software Development Teaching & Research
10	--- do ---	Programmer (Lecturer's Grade)	22-09-1989 to 5-8-92 (Adhoc Service)	--- do ----

Qualification Details

Examination	Year	University/Board	Subjects
Matriculation	1979	Bihar Board	Phy, Che, Maths, Eng, Urdu, Hindi, etc
I. Sc.	1982	Bihar University	--- do---
B.Sc. Honors.	1984	--- do ---	Mathematics.(Hons), Phy., Chem.
M.Sc.	1987	A.M.U., Aligarh	Statistics (III Rank)
P. G. Dip in Computer Programming	1988	A.M.U., Aligarh	Commercial Progr, Scientific Progr, Introduction to Comp Sciences
M. Tech (Computer Application)	1998	Indian School of Mines (IIT-ISM) Dhanbad	S/w Engg, Data Structure, System Progr, Simulation & Modeling, OS, OOP, Progr Language, SAD, Comp Arch, CAD/CAM, DBMS, CG, etc.
Ph. D. (Computer Science)	2008.	University of Kashmir	Computer Science

Courses Taught at Post Graduate Level

No.	Course Description
1.	Business Intelligence and Visualization
2.	Programming in R
3.	Modeling and System Simulation and GPSS
4.	Data & File Structure
5.	Computational & Statistical Technique
6.	Numerical Methods
7.	Programming Languages(like Python, R Software, Core JAVA, Fortran, C/C++, VB etc)
8.	Object Oriented Programming, Analysis and Design
9.	Software Engineering
10.	Software Reliability Engineering
11.	Design and Analysis of Algorithms

12.	DBMS
13.	Programming Languages and Paradigms
14.	Software Project Management
15.	Biostatistics

Programming Languages Known

Python, JAVA, R Software, SQL, VB, C, C++, FORTRAN etc

Details of Ph. D Scholars Guided/Supervised

S. No.	Name of Students	Degree/University	Title of the Research	Status
1.	Farhad Khoshbakht	Ph.D./JMI	"Big Data Framework for Analytics Business Intelligence"	Awarded, March, 2024
2.	Anuradha Khattar	Ph.D./JMI	An Analytical Framework Based on Micro blogged Communication for Disaster Management	Awarded, January, 2024
3.	Md Nurul Islam	Ph.D./JMI	Development of a Framework For Software Testing For Cloud Based Application.	Awarded, June, 2023
4.	Aamish Izhar	Ph.D./JMI	Big Data-Enabled Framework For Smart Cities	Awarded, June, 2023
5.	Javaid Iqbal Bhat	Ph.D./KU	Indexed Storage and Retrieval of Documents Based on Content Understanding	Awarded, May, 2023
6.	Mubashira Majeed	Ph.D./KU	Secure Software Architecture & design: A new Hybrid Approach based on the Comparative Study	Awarded, February, 2019
7.	Peer Zahoor Ahmad	Ph.D./KU	Building Quantum Dot Cellular Automata Models, Implementation techniques and Related Applications in Digital Logic Design.	Awarded, November 2018
8.	Zahid Hussain Wani	Ph.D./KU	Software Cost Estimation Using Artificial Neural Networks	Awarded, November 2018
9.	Suhail Qadir Mir	Ph.D./KU	Ensuring Availability of Information by preventing DOS attacks	Awarded, October, 2018
10.	Maroof Naiem Qadri	Ph.D./KU	Cloud Computing in University Egoernance	Awarded, May 2018
11.	Shabia Shabir Khan	Ph.D./KU	Mining of Appraisal of Knowledge extracted from Realistic Data	Awarded August 2017
12.	Rumaan Bashir	Ph.D./KU	Automatic Script Identification and Analysis of a Multilingual Document Image	Awarded June, 2016

13.	Kaisar Javeed	Ph.D./KU	Design, Development and Implementation of Reliable and Efficient Wavelet based Watermarking Technique for Color Images	Awarded June, 2016
14.	Javaid Iqbal	Ph.D./KU	Software Reliability Growth Models from the Perspective of Learning Effects and Change-point	Awarded June, 2014
15.	Mehnaz Khan	Ph.D./KU	Design of Interactive Feature Space Construction Protocol.	Awarded November, 2013
16.	Majid Zaman Baba	Ph.D./KU	Adaptation System for Data Retrieval and Information Translation from Semantically Heterogeneous Autonomous Data Sources	Awarded September, 2013
17.	Muheet Ahmed Butt	Ph. D.	Adaptive Data Modeling for Legacy Information Systems	Awarded September, 2013
18.	Irshad Ahmad Mir	Ph.D./KU	Modeling of Security Measurement (Metrics) in an Information System.	Awarded August 2013
19.	Rafi Ahmad Khan	Ph.D./KU	An Integrated Machine Learning Approach to Business Intelligence	Awarded April 2013
20.	Manzoor Ahmad Chachoo	Ph.D./KU	Framework for Human Computer Interaction Using Learned Dialog Strategies in Controlled Natural Language in Information Systems	Awarded December 2012
21.	Wasim Ahmad Bhat	Ph.D./KU	Design Consideration for Developing a Disk File System	Awarded August 2012
22.	Umar Farooq	Ph.D./KU	Evaluating Effectiveness of Software Testing Techniques with Emphasis on Enhancing Software Reliability.	Awarded August 2012

Details of M. Phil Scholars Guided /Supervised

S. No.	Name of Students	Degree	Title of the Research	year of Passing
1.	Mubashira Majeed	M. Phil	Document Recognition and Data Extraction From Preprinted Form, An Intelligence Approach	Awarded July 2013
2.	Aasia Quyoum	M. Phil	Role of System Simulation in Analyzing Software Reliability	Awarded August 2012
3.	Shazia Akram	M. Phil	Document image classification: A Cognitive Approach	Awarded August 2012
4.	Asma Rafiq	M. Phil	Some Studies on Wireless Mesh Network	Awarded/ Dec, 2011
5.	Razeef Mohd	M. Phil	A Comparative Study of Software Reliability and Optimum Release Policy	Awarded/ 2011

Presently Scholar(s) doing Post Doctorate under my Supervision

S. No.	Name of the Scholar	Topic	Fellowship
1.	Dr. Asif Iqbal Khan	Deep Learning for Apple Diseases: Development of an intelligent System for detection of Apple fruit diseases	Dr. D.S. Kothari Post-Doc Fellowship
2.	Dr. Sharifa Rajab	Design of an Interpretable deep learning and neuro-fuzzy based educational data mining framework.	Dr. D.S. Kothari Post-Doc Fellowship

Presently Scholars doing Ph. D under my Supervision

S. No.	Name of the Research Degree	Number of Scholars
1.	Ph. D.	08

Conferences/ Seminar/ Symposia Organized/Conducted

S. No.	Conference/ Seminar/ Symposia Title
1.	Tutorial Chair of Conference on Software Engineering and Data Sciences (CoSEDS 2018) organized by Department of Computer Sciences, North Campus, University of Kashmir on 20-21 June 2018.
2.	Organized 2-Day workshop on "Data Analysis using SPSS" on 20th and 21st Feb-2014 at Department of Computer Sciences, University of Kashmir, Srinagar
3.	Co-convener of Diamond Jubilee Seminar on Leveraging ICT for Growth and Development of J&K (LICT-J&K-2013) on September 13-14, 2013, sponsored by IETE (Institution of Electronics and Telecommunication Engineers) at NIT Srinagar.
4.	101 Regional Indian Science Congress & 9th JK Science Congress 2013
5.	ESDM Workshop at STPI, Srinagar organized by Computer science, KU, Srinagar, sponsored by Computer society of India (CSI). 20/8/2013
6.	8th JK Science Congress 2012
7.	A 3-day National Seminar OSSS 2011 on 20-22 June, 2011 in collaboration with Library and Information Science, Kashmir University Srinagar.

Workshop/ Orientation Courses/ Trainings Organized/ Conducted

S. No.	Workshop/ Orientation Courses/ Trainings Description
1.	Worked as a Course Director in a refresher Course of three weeks duration (26/12/2013 to 20/1/2014) in COMPUTER APPLICATION, organized by Academic Staff College, Kashmir University Srinagar sponsored by UGC, India.
2.	Co-chaired a 3-day National Seminar on Open Source Software Systems 2011, conducted from 20 th – 22 nd June 2011 Srinagar by the Department of Computer Science and Library and Information Science, Kashmir University, Srinagar.
3.	Worked as a Course Director in a refresher Course of three weeks duration (9/5/2011 to 28/5/2011) in COMPUTER APPLICATION, Organized by Academic Staff College, Kashmir University Srinagar sponsored by UGC, India.

4.	Worked as a Course Director in a refresher Course of three weeks duration (17/11/2006 to 07/12/2006) in COMPUTER APPLICATION, organized by Academic Staff College, Kashmir University Srinagar sponsored by UGC, India.
----	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Conferences/ Seminar/ Symposia Attended

S. No.	Conference Description
1.	2017 International Conference on "Computing for Sustainable Global Development", 1 - 3 rd March, India, March, 2017.
2.	2014 International Conference on "Computing for Sustainable Global Development", 5 th - 7 th March, India, March, 2014.
3.	A 3-day National Seminar OSSS 2011, Srinagar.
4.	5 th National Conference, INDIACom-2011, New Delhi, India, March, 2011.
5.	6th JK Science Congress, Srinagar, 2010
6.	4th JK Science Congress, Srinagar, 2008.
7.	2 nd National Conference, INDIACom-2008, New Delhi, India, February, 2008.
8.	A two days' workshop on "Curriculum of MCA: Design and development", Kashmir University, Srinagar, India, 2007
9.	International Symposium on Optimization and Statistics, December 28-30, 2002, Department of Statistics and Operations Research, A.M.U. Aligarh, India
10.	A workshop of the duration two week on "Character Recognition and Cognition." Attended from 10-23 February 2002.

Workshop/ Orientation Courses/ Trainings Attended

S. No.	Workshop/ Orientation Courses/ Trainings Description
1.	Orientation Programme of 4 weeks duration
2.	Workshop on "Character recognition" of 2 weeks duration

Membership of Learned Societies

S. No.	Learned Society Description
1.	Expert member of Joint Assessment Committee-80 for the academic session 2024-25
2.	External Member of RDC of Integral University 2034-24
3.	Anjuman(Court) Member of JMI from 02.09.2021 to 22.03.2022
4.	Member of Planning Board, Guru Gobind Singh Indraprastha University, New Delhi
5.	Member of Board of Studies of the Department of Computer Science, Aligarh Muslim University, Aligarh (UP) (India) from 02.03.2022 to 01.03.2024.
6.	Member of Board of Studies of the Department of Computer Science & Engineering, Maulana Azad Nation Urdu University, Hyderabad (India).

7.	Member of Board of Studies of the Department of Computer Science, Kumau University, Nainital, Uttrakhand (india)
8.	Expert Member of National Accreditation and Assessment Council (NAAC)
9.	All India Council of Technical Education (AICTE) Expert Committee
10.	DOEACC Expert committee, India. Expert No: 2173
11.	Fellow of IETE

**Publications (Book, Book Chapter, Journals and Proceedings)
(Please see Annexure- I)**

**Papers presented in Conferences & Seminars
(Please see Annexure-II)**

Work Plan (Annexure-III)

References

Prof. P. Nagabhushan
(From University of Mysore)
DIRECTOR
Indian Institute of Information Technology
Allahabad
IIIT-A JHALWA, ALLAHABAD-211012 (U.P.)
Ph: 9448051551
Email: pnagabhushan@hotmail.com

Prof. Nesar Ahmed,
HEAD, Statistics & Computer Application
T. M. Bhagalpur University,
Bhagalpur, Bihar
India
Ph: +919472149270
Email: nesar_bgp@yahoo.co.in

Prof. M U Bokhari
Professor,
Department of Computer Science,
AMU Aligarh, Aligarh (UP), India
Ph: 91-9412640294
Email: mubokhari@gmail.com,
mubokhari@rediffmail.com

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

Date: 14/03/2024

(Prof. S. M. K. Quadri)

Annexure- I

Publications

Book Publications

S. No.	Book Description
1.	Hoda, M.N., Chauhan, N., Quadri, S.M.K. , Srivastava, P.R. "Software Engineering, Proceedings of CSI 2015", (Eds.), 2019. Springer.
2.	Sheikh Umar Farooq, S. M. K Quadri and Nesar Ahmad, "Software Testing Techniques Evaluation – An Empirical Approach", Lambert Academic Publishing, Germany , Dec 2012 (ISBN: 978-3-659-19538-9).
3.	S. M. K. Quadri and Wasim Ahmad Bhat, "Computer Programming Fundamentals using C", ISBN: 9789-382097631, Published by Distance Education Directorate, Kashmir University, India, 2012.
4.	S. M. K. Quadri and Bilal Maqbool Beigh, "Data Communication and Computer Network", ISBN: 93-82097-20-4, Published by Distance Education Directorate, Kashmir University, India, 2012.

Book Chapter Publications

S. No.	Book Description
1.	Khoshbakht, F., Quadri, S.M.K., Big Data Framework for Analytics Business Intelligence, Lecture Notes in Networks and Systems , 2023, 551, pp. 51–69 (SCOPUS)
2.	Usman, Quadri, S.M.K. , Encoder/Decoder Transformer-Based Framework to Detect Hate Speech from Tweets, <i>Intelligent Data Analytics, IoT, and Blockchain</i> , 2023 , pp. 195–207 (Scopus)
3.	Jain Priti, Quadri S M K , Mary Rose, Elaina "Mental States, Perceptions, and Experiences of Teachers and Students: An Indian Case Study on Online Teaching– Learning" <i>Lecture Notes on Data Engineering and Communications Technologies</i> Volume 116, Pages 611 – 650, 2022.(Scopus)
4.	Khattar, A., Quadri, S.M.K., "Deep Domain Adaptation Approach for Classification of Disaster Images", in <i>Lecture Notes on Data Engineering and Communications Technologies</i> , 2021, 57, pp. 245–259.
5.	Jain, P.R., Quadri, S.M.K., Emerging Role of Intelligent Techniques for Effective Detection and Prediction of Mental Disorders <i>Lecture Notes on Data Engineering and Communications</i>

	Technologies, 2021, 57, pp. 185–198.
6.	Sheikh Umar Farooq and SMK Quadri, “Test Cloud Before Cloud Test”, In Modern Software Engineering Methodologies for Mobile and Cloud Environments, pp.89-101. IGI Global, USA (DOI: 10.4018/978-1-4666-9916-8.ch005) ISBN: 9781466699168, 2016.
7.	Wasim Ahmad Bhat and Quadri, S.M. K. , “hFAT: A High Performance Hybrid FAT32 File System”, Book Title: “ <i>Horizons in Computer Science</i> ”, Volume 9, Chapter 12, pp. 285-300, ISBN: 978-1-63321-522-1 , Nova Science Publishers, Inc, USA
8.	Mir, Shabir Ahmad, Quadri, S. M. K. “Decision Support Systems: Concepts, Progress and Issues- A Review”, <i>Sustainable Agriculture Reviews</i> , Springer Science + Business Media B. V., France, Vol.2, 2009
9.	Ahmad, N. and Quadri, S. M. K. , “Accelerated life Test Planning and Application with Burr Type III Distributions for Censored Data,” Trends in Applied Statistics Research, Nova Science Publishers, Inc, U.S.A. , volume: 25, number 2 and 3, pp. 211-235, 2008.
10.	Bhat, Wasim Ahmad, and Quadri, S. M. K. "Performance Augmentation of a FAT File system by a Hybrid Storage System." <i>Smart Innovation, Systems and Technologies</i> , Volume 28, 2014, pp 489-498, ISBN 978-3-319-07349-1, springer, 2014.

Top Research Publications:

S. No.	Paper, Journal, Volume, Issue, Date and Author Description
1.	Prakash, O., Azim, M., Quadri, S.M.K. , NIEF-CS: Nature Inspired Energy Efficient Framework bases on BAT Algorithms for Solving the Cloud Selection Problem , <i>International Journal of Intelligent Systems and Applications in Engineering</i> , 2024 , 12(4s), pp. 665–675 (SCOPUS)
2.	<i>Wani, S.A., Khan, S.A., Quadri, S.M.K., scJVAE: A novel method for integrative analysis of multimodal single-cell data</i> , Computers in Biology and Medicine, 2023 , 158, 106865 (SCOPUS)
3.	Prakash, O., Azim, M., Quadri, S.M.K. , EEF-OCS: Energy Efficient Framework based on Hybrid Learning for Optimal Cloud Selection , <i>International Journal of Intelligent Systems and Applications in Engineering</i> , 2023 , 11(5s), pp. 103–114 (SCOPUS)
4.	Khattar, A., Quadri, S.M.K. , Multi-source domain adaptation of social media data for disaster management, <i>Multimedia Tools and Applications</i> , 2023 , 82(6), pp. 9083–9111(SCOPUS).

5.	Khoshbakht, F., Shiranzaei, A., Quadri, S.M.K. , <i>Design & Develop: Data Warehouse & Data Mart for Business Organization</i> , International Journal of Intelligent Systems and Applications in Engineering, 2023 , 11(3s), pp. 260–265 (SCOPUS)
6.	Mir, A.Y., Zaman, M., Quadri, S.M.K. , Fayaz, S.A., <i>An Adaptive Classification Framework for Handling the Cold Start Problem in Case of News Items</i> , Revue d'Intelligence Artificielle, 2022 , 36(6), pp. 889–896 (SCOPUS)
7.	Khattar, A., Quadri, S.M.K. , "Generalization of convolutional network to domain adaptation network for classification of disaster images on twitter", Multimedia Tools and Applications, 2022 , 81(21), pp. 30437–30464 (SCOPUS)
8.	Banday, I.R., Zaman, M., Quadri, S.M.K. , Fayaz, S.A., Butt, M.A., <i>Big Data in Academia: A Proposed Framework for Improving Students Performance</i> , Revue d'Intelligence Artificielle, 2022 , 36(4), pp. 589–595 (SCOPUS)
9.	Khan, A.I., Quadri, S.M.K. , Banday, S., Latief Shah, J., <i>Deep diagnosis: A real-time apple leaf disease detection system based on deep learning</i> , Computers and Electronics in Agriculture, 2022 , 198, 107093 (SCOPUS)
10.	Bashir, R., Quadri, S.M.K. , Giri, K.J., <i>Script identification: a review</i> , International Journal of Information Technology (Singapore), 2022 , 14(1), pp. 459–473 (Scopus)
11.	Khattar, A., Quadri, S.M.K. , CAMM: Cross-Attention Multimodal Classification of Disaster-Related Tweets, <i>IEEE Access</i> , 2022 , 10, pp. 92889–92902.
12.	Asif Iqbal Khan a, Quadri S.M.K. , Saba Banday , Junaid Latief "Shah Deep diagnosis: A real-time apple leaf disease detection system based on deep learning", Computers and Electronics in Agriculture 198 (2022) 107093, pp 1-12, Elsevier, (Impact Factor 5.565). 2022 .
13.	Anuradha Khattar, Quadri S. M. K. "Generalization of convolutional network to domain adaptation network for classification of disaster images on twitter" 2022 .
14.	Izhar, A., Rastogi, A., Ali, S.S., Quadri, S.M.K. , Rizvi, S.A.M. " Feature-driven label generation for congestion detection in smart cities under big data ", International Journal of Advanced Technology and Engineering Exploration, 2022 , 9(86), pp. 94–110 (SCOPUS)
15.	A Khattar, Quadri SMK "Generalization of Convolution Network to Domain Adaptation Network for Classification of Disaster Images on Twitter", has been accepted for publication in Multimedia Tools and Applications. Springer (Impact Factor 2.9) . 2022 .
16.	Giri, K.J., Quadri, S.M.K. , Bashir, R., Bhat, J.I., " DWT based color image watermarking: a review ", Multimedia Tools and Applications, 2020 , 79(43-44), Springer , pp. 32881–32895.
17.	Mir, S.Q., Quadri, S.M.K. , " <i>Component based metric for evaluating availability of an information system: an empirical evaluation</i> ", International Journal of Information Technology (Singapore), 2019 , 11(2), pp. 277–285.
18.	Mir, S. Q., & Quadri, S. M. K. (2018). Component based metric for evaluating availability of an information system: an empirical evaluation. <i>International Journal of Information Technology</i> , Springer , 1-9.

19.	Qadri, Maroof Naieem, and S. M. K. Quadri . "Mapping cloud computing in university e-governance system." <i>International Journal of Intelligent Computing and Cybernetics, Emerald</i> 11.1 (2018): 141-162.
20.	Bashir, Rumaan, S. M. K. Quadri , and Kaiser J. Giri. "Script identification: a review." <i>International Journal of Information Technology, Springer</i> (2018): 1-15.
21.	Ahmad, P. Z., Quadri, S. M. K. , Ahmad, F., Bahar, A. N., Wani, G. M., & Tantary, S. M. (2017). A novel reversible logic gate and its systematic approach to implement cost-efficient arithmetic logic circuits using QCA. <i>Data in brief, Elsevier</i> , 15, 701-708.
22.	Farooq, Sheikh Umar, S. M. K. Quadri , and Nesar Ahmad. "A replicated empirical study to evaluate software testing methods." <i>Journal of Software: Evolution and Process, Wiley</i> 29.9 (2017): e1883.
23.	Khan, Shabia Shabir, and S. M. K. Quadri . "Structure identification and IO space partitioning in a nonlinear fuzzy system for prediction of patient survival after surgery." <i>International Journal of Intelligent Computing and Cybernetics, Emerald</i> , 10.2 (2017): 166-182.
24.	Shabia Shabir Khan, Quadri, S. M. K. , Peer. M. A. Genetic Algorithm for Biomarker Search Problem and Class Prediction", <i>IJISA-International Journal of Intelligent Systems and Applications (IJISA)</i> , MECS Press, 2016, 9, 47-55
25.	Qadir, S. and Quadri, S. Information Availability: An Insight into the Most Important Attribute of Information Security. <i>Journal of Information Security</i> , 7, 185-194, 2016. doi: 10.4236/jis.2016.73014. (2016)
26.	Lone, T. A., Malik, S. H., & Quadri, S. M. K. (2016). A First Hand Survey of Frequency Domain Denoising Algorithms and Techniques. <i>BIJIT - BVICAM's International Journal of Information Technology</i> , January - June, 2016; Vol. 8 No. 1; ISSN 0973 –5658
27.	Wasim Ahmad Bhat, S.M.K. Quadri , "Big Data promises value: Is hardware technology taken onboard?", <i>Industrial Management & Data Systems, Emerald</i> Vol. 115 Iss 9 pp. 2015.
28.	Bashir, R., S. M. K. Quadri , "Density Based Script Identification of a Multilingual Document Image", <i>I.J. Image, Graphics and Signal Processing</i> , 2015, 2, 8-14., 2015
29.	Khan, M., & Quadri, S. M. K. (2013). Effects of using filter based feature selection on the performance of machine learners using different datasets. <i>BVICAM's International Journal of Information Technology</i> , 5(2), 597.
30.	Sheikh Umar Farooq and S. M. K Quadri , "Empirical Evaluation of Software Testing Techniques – Need, Issues and Mitigation", Software Engineering: An International Journal (SEIJ) ,pp:41-51,Vol. 3, No. 1, April 2013
31.	Wasim Ahmad Bhat and Quadri, S. M. K. , "Understanding and mitigating security issues in Sun NFS", Network Security, Elsevier , Volume-2013, Issue-1, Jan 2013
32.	Rafi Ahmad Khan and Quadri, S. M. K. , "Dovetailing of Business Intelligence and Knowledge Management: An Integrative Framework", <i>Information and Knowledge Management</i> , Vol 2, No.4, pp: 1-7, 2012.
33.	Wasim Ahmad Bhat and S. M. K Quadri , "After-deletion data recovery: myths and solutions", Computer Fraud and Security, Elsevier , Volume 2012, Issue 4, ISSN:1361-3723, Pages 17-20, April 2012.

34.	Rafi Ahmad Khan and Quadri, S. M. K. , "BUSINESS INTELLIGENCE: AN INTEGRATED APPROACH", Business Intelligence Journal, Vol.5 No.1, pp 64-70. January 2012.
35.	Iqbal Javaid, Quadri, S. M. K. , "SOFTWARE RELIABILITY SIMULATION: PROCESS, APPROACHES AND METHODOLOGY" Global Journal of Computer Science and Technology (USA), Volume 11 Issue 8 Version 1.0, May 2011.
36.	Quadri, S. M. K. N. Ahmad and Sheikh Umar Farooq "Software Reliability Growth Modeling with New Generalized Exponential Growth Models and Optimal Release Policy", Global Journal of Computer Science and Technology (USA), Vol. 2, pp. 26-41, Feb, 2011.
37.	Farooq, Sheikh Umar, QUADRI, S. M. K. , "Software Measurements and Metrics: Role in Effective Software Testing", International Journal of Engineering Science and Technology, Vol. 3, issue1, PP. 671-680, 2011
38.	Ahmad, N., Khan, G. M., Quadri, S. M. K. , M Kumar. "Modeling and Analysis of Software Reliability with Burr Type X Testing-Effort and Release-Time Determination", Journal of Modelling in Management, U.K. , Vol.4 no 1, pp. 28-54, 2009.
39.	Ahmad, N., Bokhari, M. U., Quadri, S. M. K. and Khan, M. G. M. "The Exponentiated Weibull Software Reliability Growth Model with Various Testing-efforts and optimal release policy: A Performance Analysis", International Journal of Quality and Reliability Management, U.K. , Vol. 25(2), pp. 211-235, 2008.
40.	Quadri, S. M. K. , Ahmad, N., Peer, M. A. and Kumar, M. "Non-homogeneous Poisson Process Software Reliability Growth Model with Generalized exponential Testing-effort functions", RAU Journal of Research , Vol. 16 (1-2), pp. 159 – 163, INDIA, 2006.
41.	Ahmad, N., Quadri, S. M. K. and Choudhary, N. "Design of Accelerated life Tests for Periodic Inspection with Burr Type III distributions: Models, Assumptions, and Applications", Journal of Applied Statistical Science, USA , Vol. 15 (2), 161 – 179, 2006.
42.	Kumar, M., Ahmad, N. and Quadri, S. M. K. "Software Reliability Growth Models and Data Analysis with a Pareto Test-Effort," RAU Journal of Research , Vol. 15 (1-2), 124 - 128, INDIA, 2005.

Refereed Publications in Conference Proceedings

S. No.	Conference and Paper Description
1.	Khoshbakht, F., Kaur, J., Verawaty, ... Anantadjaya, S.P.D., Quadri, S.M.K. , Uses of Data Fusion Technology for Establishing Scalable Data Solutions in the Marketing Sector, <i>4th International Conference on Inventive Research in Computing Applications, ICIRCA 2022 - Proceedings, 2022</i> , pp. 1414–1419 (SCOPUS)
2.	Wani, S.A., Quadri, S.M.K. , Evaluation of Computational Methods for Single Cell Multi-Omics Integration, <i>Procedia Computer Science, 2022</i> , 218, pp. 2744–2754 (SCOPUS)
3.	Yezdani, R., Quadri, S.M.K. , Power and Performance Issues and Management Approaches in Cloud Computing, <i>Proceedings - 2022 4th International Conference on Advances in Computing, Communication Control and Networking, ICAC3N 2022, 2022</i> , pp. 2112–2120 (SCOPUS)
4.	Khattar, A., Jain, P.R., Quadri, S.M.K. , "Effects of the Disastrous Pandemic COVID 19 on Learning Styles, Activities and Mental Health of Young Indian Students-A Machine Learning Approach", <i>Proceedings of the International Conference on Intelligent Computing and Control Systems, ICICCS 2020</i> .
5.	Izhar, A., Quadri, S.M.K. , Rizvi, S.A.M., "Hybrid feature based label generation approach for prediction of traffic congestion in smart cities", <i>Proceedings of the 3rd International Conference on Intelligent Sustainable Systems, ICISS 2020, 2020, ieeexplore</i> , pp. 991–997, 9316085.
6.	Wani, Z. H., & Quadri, S. M. K. (2016). Artificial Bee Colony-Trained Functional Link Artificial Neural Network Model for Software Cost Estimation. In <i>Proceedings of Fifth International Conference on Soft Computing for Problem Solving</i> (pp. 729-741). Springer, Singapore.
7.	Farooq, Sheikh Umar, and S. M. K. Quadri. "Empirical evaluation of software testing techniques in an open source fashion." In <i>Proceedings of the 2nd International Workshop on Conducting Empirical Studies in Industry</i> , pp. 21-24. ACM, 2014.
8.	Iqbal, Javaid, S. M. K. Quadri, and N. Ahmad. "An imperfect-debugging model with learning-factor based fault-detection rate." In <i>Computing for Sustainable Global Development (INDIACom), 2014 International Conference on</i> , pp. 383-387. IEEE, 2014.
9.	Bashir, Rumaan, and S. M. K. Quadri. "Entropy based Script Identification of a multilingual Document Image." In <i>Computing for Sustainable Global Development (INDIACom), 2014 International Conference on</i> , pp. 19-23. IEEE, 2014.
10.	Quadri S. M. K. ; Majid Zaman and Maroof NayeemQuadri "E-GOVERNANCE DEVELOPMENT: AGILE PERSPECTIVE", <i>International Conference on Recent Trends in Computer Science and Engineering during Feb 8-9, 2014 Patna,(INDIA)</i> .
11.	Rumaan Bashir, Quadri, S.M.K. , "Identification of Kashmiri script in a bilingual document image". In the Proceeding of the Image Information Processing (ICIIP), 2013 IEEE Second International Conference , pp. 575-579, 2013.
12.	Iqbal, Javaid; Ahmad, N.; Quadri, S.M.K. , "A software reliability growth model with two types of learning and a negligence factor," <i>Image Information Processing (ICIIP), 2013 IEEE Second International Conference on</i> , vol., no., pp.678,683, 9-11 Dec. 2013
13.	Bhat, WA and Quadri, S.M.K. , "suvs: A virtual file system in userspace that supports large files", 2013 IEEE International Conference on Big Data, CA, USA, 6-9 Oct. 2013 .

14.	Wasim Ahmad Bhat and S. M. K. Quadri . "Dr. Watson provides data for post-breach analysis." In <i>Proceedings of the 2013 ACM SIGSAC conference on Computer & communications security</i> , pp. 1445-1448. ACM , 2013.
15.	SU Farooq and SMK Quadri , "An Externally Replicated Experiment to Evaluate Three Software Testing Methods ", 17 th International Conference on Evaluation and Assessment in Software Engineering, ACM , pp:72-77Porto de Galinhas, Brazil , April 14-16, 2013
16.	SU Farooq, SMK Quadri and N Ahmad, "A Controlled Experiment to Evaluate Effectiveness and Efficiency of Three Software Testing Methods", In Proceedings of 6 th IEEE International Conference on Software Testing, Verification and Validation", Luxembourg , March 18-22, 2013.
17.	Sheikh Umar Farooq, S. M. K Quadri and Nesar Ahmad, "Metrics, Models and Measurements in Software Reliability", Proceedings of 10 th IEEE symposium on Applied Machine Intelligence and Informatics SAMI 2012 , pp:441-449, Slovakia Europe , Jan 26-28, 2012
18.	Wasimahmadbhat and S. M. K Quadri , "restfs: Secure Data Deletion using Reliable & Efficient Stackable File System", Proceedings of 10 th IEEE symposium on Applied Machine Intelligence and Informatics SAMI 2012 , pp:457-462, Slovakia Europe , Jan 26-28, 2012
19.	Quadri, S. M. K. , Ahmad, N., Peer, M. A., "Software Optimal Release Policy And Reliability Growth Modeling", In the Proceedings of 2nd National Conference, INDIACom-2008 , India, pp. 423-431, 2008.
20.	Quadri, S. M. K. , Ahmad, N., Khan, M. G. M., "Performance Analysis of Software Reliability Model with Burr Type X Testing-Effort and Release Time" In the Proceedings of 2nd national conference on Mathematical Techniques: Emerging Paradigms for Electronics and IT Industries-08, India, pp. 26-28, 2008.
21.	Bokhari, M. U., Islam, A., Quadri, S. M. K. and Ahmad, N. "Software reliability growth with Exponentiated Weibull testing-effort," Proceeding of V International Symposium on Optimization and Statistics, A.M.U., Aligarh, India, 2002 .

Annexure- II

Papers Presented in Conferences/Seminars

S. No.	Description of the Papers Presented
1.	Comparative study of Streaming Data Mining Techniques". Proceedings of 8 th INDIACom; INDIACom 2014, 2014 International Conference on "Computing for Sustainable Global Development", 5 th -7 th March, 2014. pp. 244-249, India, March, 2014.
2.	An Imperfect-Debugging Model with Learning-Factor based Fault—Detection Rate". Proceedings of 8 th INDIACom; INDIACom 2014, 2014 International Conference on "Computing for Sustainable Global Development", 5 th -7 th March, 2014. pp. 443-447, India, March, 2014.

3.	Entropy Based Script Identification of a Multilingual Language” ” Proceedings of 8 th INDIACom; INDIACom 2014, 2014 International Conference on “Computing for Sustainable Global Development”, 5 th -7 th March, 2014. pp. 18-22, India, March, 2014.
4.	E-GOVERNANCE DEVELOPMENT: AGILE PERSPECTIVE”, International Conference on Recent Trends in Computer Science and Engineering during Feb 8-9, 2014 Patna,(INDIA).
5.	Software Reliability Modeling with Learning-Based Fault-Detection Rate”, International Conference on Recent Trends in Computer Science and Engineering during Feb 8-9, 2014 Patna,(INDIA).
6.	“Metrics, Models and Measurements in Software Reliability ”, Proceedings of 10 th IEEE symposium on Applied Machine Intelligence and Informatics SAMI 2012 , pp:441-449 , Slovakia Europe , Jan 26-28, 2012
7.	“restfs: Secure Data Deletion using Reliable & Efficient Stackable File System”, Proceedings of 10 th IEEE symposium on Applied Machine Intelligence and Informatics SAMI 2012 , pp:457-462, Slovakia Europe , Jan 26-28, 2012
8.	“Software Reliability Modeling- Objectives and Principles”, In the Proceedings of 6th JK Science Congress, Srinagar, 2010.
9.	“Software Reliability Growth Models: A Comparative Study”, In the Proceedings of 6th JK Science Congress, Srinagar, 2010.

Annexure-III

Work Plan

Brief Research Contribution

My major area of research is software testing and software reliability.

My major research contributions include:

1. Proposed a software reliability growth model using Modified-Weibull testing-effort function.
2. Proposed a software reliability growth model using Generalized Exponential testing-effort function.
3. Investigated and evaluated software testing techniques for software testing for applicability conditions.
4. Introduced the concept of two types of learning effects in software reliability growth modeling. Proposed two models on this concept.
5. Proposed two models based on learning-based fault detection rate functions.
6. Proposed SRGM involving exponential testing effort functions
7. Proposed a SRGM using Burr-type test-effort function

I have many research papers published in IEEE and ACM conferences, Elsevier and Emerald journals and other internationally reputed journals. I have supervised to completion of Ph.D. programme 18 research scholars and five M. Phil. scholars. My extended research areas include Disk File systems and Artificial Intelligence.

Currently I am working on use of Bayesian and Quasi-Bayesian Approach for study of learning effects, Cost models and Release policies in SRGMs. Moreover, I am also working on Change-point analysis in SRGMs. I am also working on evaluation of sorting and searching techniques under the single processor architecture.