Dr. Mohammad Amjad
Professor & Head
OFFICE ADDRESS :
Department of Computer Engineering, Faculty of Engg. & Technology
Jamia Millia Islamia, New Delhi-110025
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CURRENT POSITIONS HELD

- Professor and Head in the Department of Computer Engineering, Faculty of Engineering & Technology Jamia Millia Islamia, New Delhi.
- NBA Coordinator and IQAC Nodal Officer of the Department of Computer Engg, Faculty of Engineering & Technology Jamia Millia Islamia, New Delhi.

TOTAL TEACHING EXPERIENCE: More than 22 Years at UG and PG level.

ACADEMIC QUALIFICATION:
• Ph.D. in the year 2013 from Department of Computer Engineering, Jamia Millia Islamia, New Delhi.
• M. Tech. (Information Technology) from Guru Gobind Singh Indraprastha University in 2008, New Delhi.
• B.Tech. (Computer Engineering) from Aligarh Muslim University, Aligarh in 1997.

RESEARCH AREA: Cyber Security, IoT using Machine learning, Mobile and Cloud Computing, Block chain.

CLASSES TAUGHT:
Ph.D.(course work), M.Tech.(Computer Engineering specialization in AI & Machine Learning), B.Tech. (Computer Engineering), B.E.(Computer Engineering), M.C.A., B.C.A. (Computer Science), M.Sc.(Maths with Computer Science), B.A.C.A. (Economics), M.Tech.(Computational Maths), Diploma (Computer Engineering).

Ph.D. GUIDED: 15
Awarded/Submitted/Onging:

S.No.	Name of Research Scholar	Research Topic	Year of award/ Submission/ongoing
1.	Dr. Rizwan Khan	Automatic Test data Generation for Data -Flow Testing Using Nature Inspired Evolutionary Meta-Heuristics Genetic Algorithm	2017 awarded
2.	Dr. Syed Zubair Ahmad Shah	Precending Clustering by Pattern Preservation	2019 awarded
3.	Dr. Arvinda Kushwaha	QoS issues for wireless sensor Networks in Cloud Environment	2020 awarded
4.	Dr. Mumtaz	Energy Efficient Spectrum Access	2021 awarded

	Ahmed	Scheme in Wireless Sensor Networks	
5.	Dr. Subhash Chandra Gupta	Optimization of Energy in Wireless Sensor Network	2021 awarded
6.	Dr. Mahboob Alam	Parallel and Distributed Analytics Approaches on Big Data Clouds	2021 awarded
7.	Dr. Danish Raza Rizvi	Security Issues in Wireless Sensor Network	2022 awarded
8.	Ms. Sana Zeba	Development of Approach for isolating Routing Attacks in Wireless Sensor based IOT System	Submitted in August 2024
9.	Mr. Asif Khan	Threshold Sensitive with dynamic Clustering and Sink Mobility An Energy Efficient Networks Protocol	Ongoing
10.	Mr. Mohd Danish	Rating Based Recommender System using User Textual Reviews	Ongoing
11.	Ms. Sabeena Yasmin Hera	Application of Machine Learning for User Profiling in Recommender System	Ongoing
12.	Ms. Shafaque Aziz	An Investigation The learning and Recognition of the Sign Language Transcription Using Deep Learning	Ongoing
13.	Mr. Hannan Mansoor	Artificial Intelligence Technique for Natural language Processing	Ongoing
14.	Ms. Rifa Nizam Khan	IoT based Women Self Defence System	Ongoing
15.	Ms. Nighat Naaz Ansari	Parkinson's Disease progression prediction using Deep Learning	Ongoing

PREVIOUS POSITIONS HELD

- Worked as an Associate Professor in the Department of Computer Engineering from 19-02-2016 to 19-02-2019.
- Worked as Sr. Assistant Professor in the Department of Computer Engineering from 19-02-2013 to 19-02-2016.
- Worked as Assistant Professor in the Department of Computer Engineering from 12-9-2006 to 19-02-2013.
- Worked as a Lecturer in University Polytechnic, J.M.I., from 19-2-2002 to 12-09-2006.
- Worked as a Lecturer in the Department of Computer Science & Engineering, M.J.P. Rohilkhand University , Bareilly from July 1999 to November 2001
- Worked as Senior Network Engineer in Crescent Computer Pvt. Ltd from August 1998 to July 1999.

RESEARCH AND PUBLICATIONS: 97

Papers Published in International Journals: 57
Papers Published in International conferences: 28
Papers Published in National conferences: 05
Book chapters: 03
Books Authored: 02
Patent published: 02

Technical Bodies Membership: ISTE (Life Membership)

INVITED TALKS/ SEMINAR PAPER PRESENTATION:
- Delivered an invited talk on "Multimedia and its application" on 05th November 2003 at All India Radio (AKASHVANI), NCH, AIR Todapur New Delhi, broadcasted at 07 P.M. on the same day by the AIR New Delhi.
- Delivered a lecture on "Operating system and its application" in 76th 4-week Orientation Program from 22nd February to 23rd March 2006, organized by UGC Academic Staff College, Jamia Millia Islamia, Delhi on 27th February 2006.
- Delivered a lecture on "Computer Network" in 84th 4-week Orientation Program from 06th August to 4th Sept. 2009 organized by UGC Academic Staff College, Jamia Millia Islamia, Delhi on 11th August 2009.
- Presented a seminar paper on "Information Communication Tools" in Short Refresher Course in Computer Application from 28th August to 16th September 2012 organized by UGC Academic staff college A.M.U Aligarh and Computer Science Department A.M.U Aligarh on 14th September 2012.
- Presented a seminar paper on "Computer Peripheral Devices" in 3 week special Winter program from 11th December 2012 to 1st Jan 2013, organized by UGC Academic Staff College, Jamia Millia Islamia, Delhi on 26th December 2012.
- Presented a seminar paper on "Elliptical Curve Cryptography" in 3rd 3-week special Summer program from 16th May 2014 to 05th June 2014, organized by UGC Academic Staff College, Jamia Millia Islamia, Delhi on 2nd June 2014.
- Orientation lecture delivered to B.Tech. first year students on 09th August 2019 in the Faculty of Engg. Auditorium for the session 2019-20.
- Expert lecture on Learning Management Platforms in One-Day Webinar on Efficient E-Learning Amid Covid-19 organized by University Women's Polytechnic, AMU, Aligarh on 25th July, 2020.
- Expert lecture on 02nd March 2021, in Refresher Course in Information Technology (Interdisciplinary) scheduled between 27th February, 2021 to 12th March 2021organized by university of Kashmir UGC-HRDC, Srinagar.
- Expert lecture on 23rd February 2022, in Refresher Course in Information Technology (Interdisciplinary) scheduled between 23rd February, 2022 to 8th March 2022 organized by university of Kashmir UGC-HRDC, Srinagar.

PATENTS PUBLISHED:
1. Dr. Mohd. Amjad, Ms. Rifa Nizam Khan etal., "IoT Based Healthcare Monitoring & Remote Patient Car", Field of Invention: Bio-Medical Engineering, Indian Patent.
2. Dr. Mohd. Amjad, Mr. Mohd. Dansih etal., "Real Time customer support chatbot system for enhancing service efficiency through Advanced Natural Language Processing Techniques", Field of Invention: Computer Science, Indian Patent.

BOOKS AUTHORED:
1. Cryptography & Network Security, by Mohammad Amjad, Published by I.K. International publishing house Pvt. Ltd. New Delhi-110020. ISBN: 9789384588564, 2015.
2. Fundamental of Computers, Manaullah Abid & M. Amjad, Published by I.K. International publishing house Pvt. Ltd. New Delhi-110020. ISBN: 97893845883366, 2015

REFRESHER COURSES/ ORIENTATION PROGRAM ATTENDED:

1. Attended NEP -2020 Orientation and sensitization programme under Malaviya Mission Teacher Training Programme (MM-TTP) of University Grants Commission (UGC) Organized by MMTTC, Jamia Millia Islamia, New Delhi from 19th February to 28th February 2024.
2. Online Faculty Development program on "Python programming Language" organized by Department of Computer Engineering Jamia Millia Islamia New Delhi in association with spoken tutorial IIT Bombay, held from 31st August 2020 to 4th September 2020.
3. AICTE Training And Learning (ATAL) Academy Online FDP on "Internet of Things (IoT)" from 14-09-2020 to 18-9-2020 organized by Central University of Jharkhand.
4. AICTE sponsored Faculty Development Program on "Mechatronics and Robotics in Manufacturing Industries" organized by Deptt. of Mechanical Engg, F/o Engg. & Tech. Jamia Millia Islamia, New Delhi held for two weeks from 27th Feb to 12th March 2015.
5. AICTE and ISTE sponsored short term training program on "Microprocessor Programming and Interfacing" organized by Univ. Polytechnic, F/o Engg. & Tech. Jamia Millia Islamia, New Delhi held for two weeks from 16th June 2003 to 27thJune 2003.
6. AICTE and ISTE sponsored short term training program on "Computer Aided Learning in Engineering and Technology: CALET" organized by Univ. Polytechnic, F/o Engg. & Tech. Jamia Millia Islamia, New Delhi held for two weeks from 16th March 2005 to 30th March 2005.
7. University Grant Commission sponsored 81st 4- week orientation Program organized by Academic Staff College Jamia Millia Islamia, New Delhi from 03rd April 2007 to 01st May 2007.
8. University Grant Commission sponsored 3-week SRC Refresher course in Computer Application organized by Academic staff college, A.M.U. Aligarh from 28th August 2013 to 16th September 2012.
9. University Grant Commission sponsored 1st 3-week special winter program organized by Academic staff college Jamia Millia Islamia, New Delhi from 11th December 2012 to 1st Jan 2013.
10. UGC sponsored 3rd 3-week special summer program organized by Academic staff college Jamia Millia Islamia, New Delhi from 16th May 2014 to 05th June 2014.

LIST OF PUBLICATIONS:

JOURNAL PAPERS:

1. Sana Zeba, M. Amjad, "Identification and location monitoring through Live video Streaming by using Block chain" International Journal of Multimedia Tools and Applications, Published by Springer Nature, August 2024, DOI: 10.1007/s 11042-024-20197-9. (SCIE).
2. Sana Zeba, M. Amjad, "Distribution and Tracking Current Live Location of Recognized Criminal Face at Decentralized Blockchain through Image" International Journal of Internet Protocol Technology, IJIPT, Volume 16, Issue 3, August 2023, DOI: 10.1504/IJIPT.2023.10054246, (SCOPUS, ESCI).
3. Salman Khursheed Ahmad, Km Ikra, M. Amjad, "Visitor Friendly Smart Car Parking Management System Using IoT, Web Technology and Deep Learning", Eu. Hem. Bull (ECB) Journal, 12(Special issue 8) 7325-7343, DOI: 10.48047/ecb/2023.12.Si8.616, (SCOPUS).

4. Mohd Danish, M. Amjad," Crypto Apps Textual reviews using Deep learning model" METSZET Journal, Volume 7, Issue 12 , December-2022, DOI: 10.27896/METSZET7.12/34 https://metszetjournal.com/volume-7-issue-12/ (SCOPUS).

5. Hera, S.Y., M. Amjad, and Saba, M.K. (2022) "Improving heart disease prediction using multi-tier ensemble model," Network Modelling Analysis in Health Informatics and Bioinformatics, 11(1). Available at: https://doi.org/10.1007/s13721-022-00381-3 (SCOPUS, ESCI)

6. Hera, S.Y. and M. Amjad, (2022) "Prediction of explicit features for recommendation system using user reviews," Iraqi Journal of Science, pp. 5015–5023. Available at: https://doi.org/10.24996/ijs.2022.63.11.36 (SCOPUS)

7. Sana Zeba, M. Amjad, "Mobile-Chain Framework: Distributed Health Communication Framework With Mobile Blockchain and IoT Technology" Journal of Chengdu University of Technology (Science and Technology Edition), VOLUME 26, ISSUE 9, October 2021, ISSN-NO- 1671-9727 (SCOPUS).

8. Mahboob Alam, M. Amjad. "A precipitation forecasting model using ML on Big Data in Clouds Environment" Mausam Journal, Mausam, 72, 4 (October 2021), P 781-790, ISSN: 551.509.314 : 551.577 (004.42), (SCIE)

9. Sana Zeba, M. Amjad, "Identification of a person from live video streaming using machine learning in the Internet of Things (IoT)" International Journal of Mobile Computing and Multimedia Communications, IJMCMC, SCOPUS, ISSN:1937-9412, Vol 12, Issue 3. July-September 2021, DOI-10.4018/IJMCMC.2021070104, (ESCI).

10. Akhtar M.M., Rizvi D.R, Ahad M.A., Kanhere S.S, M. Amjad, Coviello G., "Efficient data communication using distributed ledger technology and iota-enabled internet of things for a future machine-to-machine economy" Sensors Journal, Volume 21, Issue 13, 01 July 2021, Article No. 4354, ISSN: 14248220, (SCIE).

11. Sana Zeba, M. Amjad, "Proposed Learning Model for Image Recognition Model from Live Video Streaming " Journal of Huazhong University of Science and Technology, July 2021, Vol 50, Issue 7, ISSN-1671-4512, Page: 1- 11.(SCOPUS)

12. Gupta Subhash Chandra, M. Amjad., "MDR - Multi-hop deterministic energy efficient routing protocol for wireless sensor networks," International Journal of Engineering Trends and Technology, Vol-69(4), pp.-(118-124), (April 2021), ISSN: 2231-5381 /doi:10.14445/22315381/IJETT-V69I4P217, (SCOPUS).

13. Subhash Chandra Gupta, M. Amjad , "Performance Analysis of Energy Efficiency for Wireless Sensor Networks in Healthcare Applications", Annals of the Romanian Society for Cell Biology, Vol. 25(3), pp.-(2868-2877), (March 2021), , ISSN: 1583-6258, (SCOPUS).

14. Mahboob Alam, M. Amjad. "Analysis of Climate change and its impact on Health using Big data analytics in cloud Environment. IETE Journal of Research, Feb 2021. P-1-8. DOI: 10.1080/03772063.2021.1886605, (SCIE).

15. Gupta Subhash Chandra, M. Amjad, "LEACH-E: An energy efficient clustering protocol for improving the inter cluster communication of wireless sensor networks," ICTACT (Journal on Communication Technology), Vol .12(1), pp.-(2290-2293), (2021), UGC-CARE Indexed, ISSN: 2229-6948 DOI: 10.21917/ijct.2021.0353.

16. Gupta Subhash Chandra, M. Amjad, "Energy-Aware Cluster Head Selection and Optimized routing Algorithm in Wireless Sensor Networks using WMBA and QOGA," Turkish Journal of Computer and Mathematics Education, Vol.12 No.10, pp.-(6279 –

6293), (2021), Index Journal, ISSN: 1309-4653, https://doi.org/10.17762/turcomat.v12i10.5468, (SCOPUS)

17. Mahboob Alam, M. Amjad. "Analysis of Change in Climate with Meta Data Problems Using Parallel and Distributed Analytics Approaches on Big Data Clouds. International Journal of Advanced Science and Technology, Volume 29, No. 3, 2020, P-14625-14636.

18. Mahboob Alam, M. Amjad, "Rainfall forecasting using parallel and distributed analytics approaches on big data clouds", Journal of Discrete Mathematical Sciences and Cryptography, Taylor & Francis, , ISSN No. 0972-0529 (Print), 2169-0065 (Online) Volume 22, (2019), No. 4, September 2019, P-687-695, (ESCI).

19. Arvinda Kushwaha, M. Amjad, "Enhancement of the QoS Parameter of LEACH Protocol using Modified K-Means Algorithm", International Journal of Recent Technology and Engineering (IJRTE) SCOPUS Indexed, ISSN 2277-3878, Volume 8, Issue -2S6, July 2019, P- 880-885.

20. Mahboob Alam, M. Amjad, "Weather forecasting using parallel and distributed analytics approaches on big data clouds", Journal of Statistics and Management System, Taylor & Francis, ESCI Indexed, ISSN No. 0972-0510 (Print), 2169-0014 (Online) Volume 22, (2019), No. 4, June 2019, P-791-799.

21. Zubair Shah, M. Amjad, "Preceding Document Clustering by Graph Mining Based Maximal Frequent Termsets Preservation Based Maximal Frequent Termsets Preservation" The International Arab Journal of Information Technology, IAJIT, SCIE Indexed ,ISSN 1683-3198, Volume 16, Number 3, May 2019, P-364-370.

22. Rijwan Khan, M. Amjad, "Mutation-based genetic algorithm for efficiency optimization of unit testing" International Journal of Advanced Intelligence Paradigms, IJAIP, ISSN 1755-0386, DOI: 10.1504/IJAIP.2019.098563, SCOPUS Indexed Volume 3/4, Number 12, March 2019, P-254-265.

23. M. Amjad, Arvinda Kushwaha "A Particle Swarm Optimization Based Load Scheduling Algorithm in Cloud Platform for Wireless Sensor Networks", Scalable Computing: Practice and Experience Journal, ESCI and SCOPUS Indexed, ISSN 1895-1767, Volume 20, Number 1, 09th March 2019, P- 71-82.

24. Ibrar Ahmad, M. Amjad "Design and Implementation of GSM Based Smart Home System" Journal of Emerging Technologies and Innovative Research JETIR. ISSN 2349-5162, Volume 6, Issue 3, March 2019, P- 505-507. UGC Approved Journal No. 63975.

25. Asif khan, M. Amjad "Comparative Study of Energy Efficient Routing Protocols in Hierarchical Cluster Based WSN" Journal of Emerging Technologies and Innovative Research JETIR, ISSN 2349-5162, Volume 5, Issue 10, October 2018, P- 84-89. UGC Approved Journal No. 63975.

26. Ibrar Ahmad, Shilpi, M. Amjad "Internet of Things (IoT), Meaning, Applications and Challenges" International Journal of Trends in Scientific Research and Development (IJTSRD), ISSN 2456-6470, Volume 6, Issue 2, Sept- Oct 2018, P- 1056-1064.

27. Ibrar Ahmad, Shilpi, M. Amjad "Block chain Technology a literature survey" International Research Journal of Engineering and Technology (IRJET), ISSN 2395-0056, Volume 5, Issue 10, Oct 2018, P- 1490-1493.

28. M. Amjad "Designing of Secure Hash Algorithm using Chaotic Function for Cryptography" International Journal of Computer Networks and Wireless Communications, (IJCNWC), ISSN 2250-3501, Volume 8 No. 5, Issue September-October 2018, P- 65-70. ESCI and SCOPUS Indexed.

29. M. Amjad "Secure Digital Signature with Elliptic Curve Cryptography Scheme using

Galois Field" International Journal of Computer Science and Engineering (IJCSE), ISSN 2347-2693 Volume 6, Issue 8, August 2018, P- 790-796, SCIE.

30. M. Amjad, Raju, "Image Security by using Genetic Algorithm" International Journal of Research and Analytical Reviews (IJRAR), ISSN 2349-5138 Volume 5, Issue 3, July 2018, P- 884-891. UGC approved Journal No. 43602 (19).

31. M. Amjad, M.Z Ansari, Nasim Alam, "An MLP based Approach of Hate Speech Detection on Twitter" International Journal of Research in Electronics and Computer Engineering IJRECE, ISSN 2321- 5593 Volume 6, Issue 3, July –September 2018, P- 368-373.

32. M. Amjad, Raju, "Digital Data Security by using Quantum Cryptography" International Journal of Trend in Scientific Research and Development IJTSRD, ISSN 2456-6470 Volume 2, Issue 5, July 2018, P- 482-489.

33. Mumtaz Ahmad, M.N. Doja, M. Amjad, "Energy Efficient Distributed Clustering and Scheduling Algorithm for Wireless Sensor Networks with Non-Uniform Node Distribution", International Journal of Advance Research in Computer Science IJARCS ISSN No. 0976-5697, Volume 9, No. 2, March-April 2018, P-527-532.

34. Zubair Shah, M. Amjad, "Load Balancing Algorithm for Mining Frequent Patterns on a Distributed System" International Journal of Computer & Mathematical Sciences IJCMS, ISSN 2347 – 8527 Volume 6, Issue 9, September 2017, P-347-349.

35. Rijwan Khan, M. Amjad, "Introduction to Data Flow Testing with Genetic Algorithm" International Journal of Computer Applications IJCA, ISSN 0975 – 8887, SCOPUS Indexed Volume 170, Number 5, July 2017, P-39-45.

36. Mahboob Alam, M. Amjad, "Proposed Tools and Techniques of Parallel Analytics of Big Data in the Cloud Environment", International Journal of Emerging Technology and Advanced Engineering IJETAE, , ISSN No. 2250-2459, Volume 7 issue 7,July 2017, P-241-246.

37. Zubair Shah, M. Amjad, Ahmad Ali Habeeb, Mohd Huzaifa Faruqui & Mudasir Shafi: "Algorithms for Frequent Pattern Mining of Big Data" International Journal of Applied Engineering Research IJAER, ISSN 0973-4562, SCOPUS Indexed, Volume 12, Number 18, 2017, P-7355-7359, SCOPUS, UGC approved Journal No. 64529.

38. Danish R. Rizvi, M. Amjad, M.N. Doja "A study of Wireless Sensor Networks", International Research Journal of Engineering and Technology IRJET, ISSN No. 2395-0056, Volume 4 issue 7, July 2017, P-2078-2081

39. M. Amjad "Security Enhancement of IPV6 Using Advance Encryption Standard and Diffie-Hellman" , International Journal of Scientific Research in Network Security and Communication IJSRNSC, ISSN No. 2321-3256, Volume 5 issue 3, June 2017, P-177-181

40. Mumtaz Ahmad, M.N. Doja, M. Amjad, "Reduction of Energy Consumption in Dynamic Spectrum Access in Wireless Sensor Networks using S-MAC", International Journal of Advance Research in Computer Science IJARCS ISSN No. 0976-5697, Volume 8, No. 5, May-June 2017, P-2512-2516.

41. M. Amjad & Zubair Shah: "Using Frequent Itemset Mining for Breast Cancer Detection " Indian Journal of Science and Technology IJST, ISSN 0974-5645 Volume 10, Issue9, March 2017, P-1-4, Web of Science.

42. Subhash Chandra Gupta, M. Amjad, " A Survey of Routing Protocols in Wireless Sensor Network" International Journal of Science and Research (IJSR), ISSN (Online): 2319-7064, Paper ID: ART20172009, Volume 6 Issue 3, March 2017.P-2017-2021

43. Rijwan Khan, M. Amjad, "Automatic Generation of Test Cases for Data Flow Test Paths Using K-Means Clustering and Genetic Algorithm" International Journal of Applied

Engineering Research (IJAER)(ISSN 0973-4562), SCOPUS Indexed Volume 11, Number 1, 2016, P-473- 478, SCOPUS, UGC approved Journal No. 64529.

44. Rijwan Khan, M. Amjad, "Load Testing of Web Applications Using HP Load Runner and CA Wily Introscope tools" Journal IJETTCS, SCOPUS (Elsevier), ORCID, Thomson Retures Indexed Published, Volume 5, issue 3, May-June 2016, P-56-59.

45. Rijwan Khan, M. Amjad, "Performance testing (Load) of web applications based on test case management" Perspectives in Science, Elsevier, Journal of Science Direct, Vol. 8 (2016), P-355-357. Published 29-Apr-16

46. M. Amjad, "Secure Proxy Digital Signature Scheme using Digital Signature Standard with Random Key Generation Process", International Journal of Computer Science and Mobile Computing IJCSMC, Vol.4, issue 12, December 2015, ISSN: 2320-088X, P- 119-124.

47. Vikas Khanna, M. Amjad, "Objective Analysis of MySQL and MySQLVariant" International Journal of Scientific Research in Science, Engineering and Technology IJSRSET, Issue 3 Volume 1, June 2015, ISSN: 2394-4099 P-193-197.

48. M. Amjad & Zubair Shah: "Hyper-clique Patterns- A study and Implementation" International Journal of Innovations & Advancement in Computer Science IJIACS, ISSN 2347–8616 Volume 4, Special Issue March 2015, P-498-504.

49. Rijwan Khan, M. Amjad, "A Review on Automated Test Case Generation Using Genetic Algorithms" IJARCSSE-International Journal of Advance Research in Computer Science and Software Engineering" Volume -4, Issue12, ISSN: 2277-128X , December 2014, P-201-204.

50. Rijwan Khan, M. Amjad, Dilkeshwar Pandey "Automated Test Case Generation using Nature Inspired Meta Heuristics- Genetic Algorithm" IJAIEM-International Journal of Application or Innovation in Engineering & Management , Volume 3, issue 11, Nov. 2014, ISSN 2319 – 4847, P-7-9, INDIA.

51. Ruchi Jain & M. Amjad "Computer Surveillance System" IJECS- International Journal Of Engineering And Computer Science Volume 03 Issue 07, July 2014, ISSN:2319-7242, P-7041-7043.

52. Sharad Mehta & M. Amjad "Automatic License Plate Detection of Vehicles with Different Contrast Scenario" IJSRD - International Journal for Scientific Research & Development Vol. 2, Issue 05, August 2014, ISSN (online): 2321-0613, P-244-249. INDIA.

53. Mohd. Danish & M. Amjad "Intelligent Face Detection and Recognition" IJSRD - International Journal for Scientific Research & Development Vol. 2, Issue 03, May 2014, ISSN (online): 2321-0613, p-1259-1263.

54. M. Amjad "Wireless Network Security: Susceptibility, Extortion and Kiosk" International Journal of Computer Science and Engineering IJCSE, Volume-I, Issue-3, ISSN: 2347-2693, November 2013. p-10-14, ESCI.

55. M. Amjad & M.N. Doja: "Energy Consumption Based Dynamic Channel Allocation in Wireless Communication" International Journal of Advance Research in Computer Science and Software Engineering" IJARCSSE, Volume -3, Issue7, ISSN: 2277-128X , July 2013, p 1215-20.

56. M.N. Doja & M. Amjad: "Cluster-Based Routing Protocol To Improve Qos In Mobile Adhoc Networks, International Journal of Computer Science and Information Security Vol.10 ,No1 2012, ISSN: 19475500 Pittsburgh, USA, January 2012, p 95-100, Thomson Reuters.

57. M. Amjad & M.N. Doja: "Quality of Service in Mobile Ad- Hoc Networks" International Journal of Advance Engineering and Application, IJAEA Vol-2, Print ISSN: 0975-7783,

Online ISSN: 0975-7791, January 2011, P 165-168.

INTERNATIONAL CONFERENCES:

1. Rifa Nizam khan, M. Amjad, "Comprehensive Evaluation of Women's Safety Solutions in IoT Environment" Innovative Computing and Communications Proceedings of ICICC 2024 Published by Springer, Volume 6, ISSN 2367-3389 (electronic) Lecture Notes in Networks and Systems, ISBN 978-981-97-4228-8 (eBook) https://doi.org/10.1007/978-981-97-4228-8

2. Sana Zeba, M. Amjad, "Proposed Sustainable Paradigm Model to Data Storage of IoT devices in to AWS Cloud Storage " 2021, International Conference on Sustainable Computing, SUSCOM- 2021, SPRINGER, ESCI, E-ISBN 978-981-16-4538-9 , January 2022, DOI: 10.1007/978-981-16-4538-9_44, page no: 445- 453

3. Sana Zeba, M. Amjad, "Sustainable and Secure IoT-Chain Architecture Integrated with Blockchain Technology" International Conference on Intelligent Cyber-Physical Systems, ICPS-2021, SPRINFER, E-ISBN 978-981-16-7136-4, January 2022, Page No. 51- 64

4. Mohd Danish, M. Amjad, "Sentiment Analysis of Crypto-currency Apps Textual Reviews Using BERT Model " 2021, 40th World Conference on Applied Science, Engineering & Technology, WCASET-2021, ISBN : 978-93-92105-41-8, https://wcaset.com/ proceeding /40th-WCASET.pdf

5. Mudasir Shafi, Syed Zubair Ahmad Shah. & M. Amjad, "Modeling Internet of Things Data for Knowledge Discovery", International Conference on Emerging Current Trends in Computing and Expert Technology COMET 2019, Published by Springer LNCS, March 22nd – 23rd, 2019.

6. Mahboob Alam & M. Amjad, "Segmentation and Classification of Brain MR Images Using Big Data Analytics" 4th IEEE International Conference on Advances in Computing, Communication and Automation, ICACCA 2018, organized by Tailor's University Malaysia, October 26-28, 2018.

7. Shah S. Z. A. & M. Amjad, "Lexical analysis of the Quran using frequent itemset mining", The 21st World Multi-conference on Systemics, Cybernetics and Informatics, WMSCI-2017 Orlando, Florida, U.S.A. , July 8-11, 2017.

8. Shah S. Z. A., M. Amjad & Habeeb A.A. , "Efficient frequent pattern mining of Big data on a distributed system", The 21st World Multi-conference on Systemics, Cybernetics and Informatics, WMSCI-2017 Orlando, Florida, U.S.A. , July 8-11, 2017.

9. Rijwan Khan, M. Amjad, "Automatic Test Case Generation for Mutation Testing by Hybrid Genetic Algorithm- An Optimization Technique" CICT-2017 by ABESEC Ghaziabad (UP). IEEE Conference, 10-11 Feb 2017.

10. Rijwan Khan, M. Amjad, "A Tool: Automatic Generation of Control Flow Graph (CFG)" INDIACom-2017 by Bharti Vidyapeeth, New Delhi. IEEE Conference ID: 40353, 1-3 March 2017.

11. Rijwan Khan, M. Amjad, "Optimization of Automatic test case generation with Cuckoo Search and Genetic Algorithm approaches" ICCCCS-2016 by Aryabhatta College of Engineering and Research Center, Ajmer. Springer Conference Presented & Published 12-Aug-16.

12. Rijwan Khan, M. Amjad, "Web Application's Performance Testing Using HP LoadRunner and CA Wily Introscope Tools" ICCCA 2016 by Galgotias University, Gr. Noida, India. IEEE Conference: Presented & Published 29-Apr-16.

13. Rijwan Khan, M. Amjad, "Smoke Testing of Web Application Based on ALM Tool" ICCCA 2016 by Galgotias University, Gr. Noida, India. IEEE Conference: Presented & Published 29-Apr-16.

14. Rijwan Khan, M. Amjad, "Soak Testing of Web Applications Based on Automatic Test Cases" ICECS 2016 by Karpagam College of Engineering Coimbatore, Tamilnadu, India. IEEE Conference ID: 766828 Presented & Published 25-Feb-16.

15. Rijwan Khan, M. Amjad, "Automatic Testing for Web Application Using HP ALM Tool" ICECS 2016 by Karpagam College of Engineering Coimbatore, Tamilnadu, India. IEEE Conference ID: 766828 Presented & Published 25-Feb-16.

16. Rijwan Khan, M. Amjad, "Optimize the Software Testing Efficiency Using Genetic Algorithm and Mutation Analysis" INDIACom-2016 by Bharti Vidyapeeth, New Delhi. IEEE Conference ID: 37465 Presented & Published 16-Mar-16.

17. Rijwan Khan, M. Amjad, "Optimization of Automatic Generated Test Cases for Path Testing Using Genetic Algorithm" CICT-2016 by ABESEC Ghaziabad (UP). IEEE Conference ID: 766667, ISSN: 978-1-5090-0210-8/16, Presented & Published 12-Feb-16.

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4. M. Amjad & C.S. Rai : "Web Based Integrated Development Environment (WIDE)" National Conference on Issues and challenges in Mobile Computing, Institute of Management and Research" 28th March 2008 , INDIA.

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ADMINISTRATIVE RESPONSIBILITIES:

- Coordinator NBA, Department of Computer Engineering Jamia Millia Islamia, for the Academic Year 2015-16 to 2018-19, 2018-19 to 2022-23 and 2022-23 to till date.
- Nodal officer IQAC, Department of Computer Engineering Jamia Millia Islamia, for the Academic Year 2014-15 to 2018-19 and 2019-20 to till date.
- Coordinator B.E. (Computer Engg.) Jamia Millia Islamia, from August 2012 to February 2022.
- Coordinator of the Diploma in Computer Engineering (Evening) for two years from December 2003 to December 2005.
- Hostel warden of the Main Boys Hostel in MJP Rohilkhand University U.P from July 1999 to December 2001.
- Assistant Superintendent of the Entrance test of class IXth , held on 1st June 2014 in the Computer Science Deptt. Jamia Millia Islamia, New Delhi.
- Superintendent of the B. Tech Entrance test 2014 , held on 14th June 2014, at the center of Kendriya Vidyalaya , Keshavpuram New Delhi.
- Assistant Superintendent of B.Tech. odd semester exam held from 28th November 2014 to 12th December 2014 in the Faculty of Engineering &Technology, Jamia Millia Islamia ,New Delhi.
- Assistant Superintendent of B.Tech. even semester exam held from 09th May 2016 to 25th May 2016 in the Faculty of Engineering &Technology, Jamia Millia Islamia ,New Delhi.
- Assistant Superintendent of Ph.D. entrance test held on 04th September 2016 in the Faculty of Engineering &Technology, Jamia Millia Islamia , New Delhi.
- Assistant Superintendent of B.Tech., M.Tech. M.Sc. Electronics and Ph.D. odd semester exam held from 08th December 2016 to 23rd December 2016 in the Faculty of Engineering &Technology, Jamia Millia Islamia, New Delhi.
- Assistant Superintendent of B.E. evening annual exam held from 06th November 2016 to 24th December 2016 in the Faculty of Engineering &Technology, Jamia Millia Islamia, New Delhi.
- Assistant Superintendent of B.Tech., M.Tech. M.Sc. Electronics and Ph.D. odd semester exam held from 01st December 2017 to 19th December 2017 in the Faculty of Engineering &Technology, Jamia Millia Islamia, New Delhi.
- Center Observer for entrance test XIth science held on 27th April 2024 from 10:00 a.m. to 12:00 noon at J.N. International School Aali village, Sarita Vihar New Delhi.

OTHER SIGNIFICANT CONTRIBUTION:

- Coordinator Departmental Academic Integrity Panel (DAIP) from 2021 to 2024, Deptt. of Computer Engg, Jamia Millia Islamia, New Delhi.
- Member Departmental Research Committee (DRC) from 2018 to 2024, Deptt. of Computer Engg, Jamia Millia Islamia, New Delhi.
- Member Academic Council, Jamia Millia Islamia, New Delhi from August 2024 to till date.
- Member Technical Program Committee International Conference on Renewable Energy and Sustainable Technologies (ICREST 2024) Department of Applied Sciences & Humanities Faculty of Engineering & Technology Jamia Millia Islamia, New Delhi
- Member SRAC Research committee, Department of Computer Science & Engg, School of Engg. Sciences & Technology, Jamia Hamdard, Hamdard Nagar, New Delhi

- Secretary Finance International Conference on Recent Advances in Computer Science and Engineering (ICRACSE) conducted by Deptt. of Computer Engg, Jamia Millia Islamia, New Delhi, during November 26-27, 2022.
- Judge in the Grand Finale in Toycathon 2021, organized by Ministry of Education's (Innovation cell) Government of India and AICTE.
- Certificate of participation, GOOGLE Apps, INDIA, recognition for the work with Google Aptitude challenge 2009 in the field of computer networks.
- Expert member of course designing committee for the course of B.Sc.(IT) in Indira Gandhi National Open University (IGNOU) , Maidan Garhi , New Delhi.
- Co-convener of one day national workshop on the topic " Current trends in digital world" organized by department of computer engineering and FTK, CIT, JMI held on 08th March 2017 in the seminar hall of FTK CIT Jamia Millia Islamia New Delhi.
- Best paper award in the 21st World Multi-conference on Systemics, Cybernetics and Informatics, WMSCI-2017 Orlando, Florida, U.S.A. ,July 8-11, 2017.
- Member of course designing committee for the course of B.Tech. Computer Science & Engg. (Data Sciences)) in Jamia Millia Islamia, New Delhi.
- Member Course designing committee in Computer Hardware & Networking for Centre for Distance and Online Education (CDOE), Jamia Millia Islamia, New Delhi
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