

CURRICULUM VITAE TEMPLATE



Position/Designation: Professor
 Department: Department of Mathematical and Physical Sciences (DMPS)
 College: College of Arts and Sciences
 University of Nizwa, Sultanate of Oman

Personal Information
Name: Rafi Ahmad Khan Marital Status: Married Email Address: rafi.khan@unizwa.edu.om Contact Numbers: (+968) 90688218
Academic Qualifications
PhD in Computer Sciences Masters in Computer Applications Bachelors in Science
Teaching Activities, Current/Previous Experience
Worked as a faculty member in the Department of Management Studies, University of Kashmir (India) from 2002. Worked as a faculty member in the Islamic University of Madina (Saudi Arabia) from 2016-19
Research Activities
(includes but not limited to research interests, conference attendance, conference presentations and publications: refereed journal, articles, books, etc.)
Research Interests: Data Analytics, Machine Learning, Business Intelligence, Knowledge Management and Information Systems Conference Presentations: 30 Conference Attendance: 15 Publications: 70
<ol style="list-style-type: none"> Rafi Ahmad Khan, Mansoor Farooq (2025), “Maturity Models for Business Intelligence: An Overview”, Indian Journal of Computer Science and Technology (IJCT), ISSN: 2583-5300, Volume: 4, Issue: 1, pp.13-16, https://www.doi.org/10.59256/indjct.20250401003 Rafi Ahmad Khan, Mansoor Farooq (2025), “Digital Library: Tools and Techniques”, International Journal of Research and Analytical Reviews (IJRAR), ISSN: 2348-1269, Volume: 12, Issue: 1, pp.45-51, https://ijrar.org/papers/IJRAR25A1008.pdf Rafi A. Khan & Quadri, S. M. K., “Business Intelligence: A Framework”, Business Intelligence Journal, London, Secured Assets Yield Corporation Limited (Sayco), UK, Vol. 4 (1), P 64-70, ISBN: 978-1-4251-8179-6, ISSN: 1918-2325 http://www.saycocorporativo.com/saycouk/bij/journal/Vol5No1/Article_7.pdf

4. Rafi A. Khan & Quadri, S. M. K., **“Dovetailing of Business Intelligence and Knowledge Management: An Integrative Framework”**, Information and Knowledge Management, Vol. 2(4), P 1-6, ISSN 2224-5758 (Paper), ISSN 2224-896X (Online). <http://www.iiste.org/Journals/index.php/IKM/article/view/1961>
5. Rafi A., Khan, Farooq, M., Khan, M.H., Zahoor, S.Z. (2024). **“Securing AGI: Collaboration, Ethics, and Policy for Responsible AI Development”**. In: El Hajjami, S., Kaushik, K., Khan, I.U. (eds) Artificial General Intelligence (AGI) Security. Advanced Technologies and Societal Change. Springer, Singapore. https://doi.org/10.1007/978-981-97-3222-7_17
6. Tariq A. Lone, & Rafi A. Khan, **“Intelligent Decision Support Systems- A Framework”**, Information and Knowledge Management, Vol. 2(6), P 12-19, ISSN 2224-5758 (Paper), ISSN 2224-896X (Online) <http://www.iiste.org/Journals/index.php/IKM/article/view/2492>
7. Sahaf, M. A., Ishtiaq H. Qureshi & Rafi A. Khan, **“The Science and Art of Customer Relationship Management: A Blend of Business Processes and Technology Solutions”**, African Journal of Business Management, Vol. 5(13), pp. 5057-5064, ISSN 1993-8233 <http://www.academicjournals.org/journal/AJBM/article-full-text-pdf/8C22D3E21651> (ISI Impact Factor-1.105)
8. Farhaan Rashid, Rafi Ahmad Khan, **"A Comprehensive Review of the Altman Z-Score Model Across Industries"**, The Business Review, Vol:27, Issue:2,pp: 35-42, ISSN:0972-8384
9. Rafi Ahmad Khan, Tariq Ahmad Lone, **“Dovetailing of Business Intelligence And Business Analytics: An Integrative Framework”**, Industrial Engineering Journal, ISSN: 0970-2555, Volume : 52, Issue 10, No. 1, October : 2023
10. U. Sidiq, Rafi. A. Khan, **“Data Mining for diagnosis in Healthcare Sector-A Review”**, IJASRE, Volume 3, Issue 8, Sept 2017, ISSN: 2454-8006 <http://dx.doi.org/10.7324/IJASRE.2017.32486>
11. Rafi. A. Khan, **“Business Intelligence and Its Enabling Technologies”**, The Business Review, Vol.19(1), ISSN No: 0972-8384
12. Rafi. A. Khan, **“Web Mining: Concepts and Application”**, CiiT International Journal of Data Mining and Knowledge Engineering, Vol.8 (3), P 89 -91, Print: ISSN 0974 – 9683 & Online: ISSN 0974 – 9578 <http://www.ciiiresearch.org/dl/index.php/dmke>
13. Rafi. A. Khan, **“Data Mining: A Tool for Customer Relationship Management”**, CiiT International Journal of Data Mining and Knowledge Engineering, Vol.8 (4), P 95 -99, Print: ISSN 0974 – 9683 & Online: ISSN 0974 – 9578
14. Rafi. A. Khan, Sharfa, **“Case Based Reasoning and Decision Support Systems: An Integrated Approach”**, CiiT International Journal of Artificial Intelligent Systems and Machine Learning, Vol.8 (4), P 128 -131, Print: ISSN 0974 – 9667 & Online: ISSN 0974 – 9543 <http://www.ciiiresearch.org/dl/index.php/aiml/article/view/AIML042016002>
15. Farooq M, Khan, Rafi Ahmad Khan, **“Stout Implementation of Firewall and Network Segmentation for Securing IoT Devices”**. Indian Journal of Science and Technology 16(33): 2609-2621. <https://doi.org/10.17485/IJST/v16i33.1262>
16. Rafi Ahmad Khan **“Student Perception of EvalTools LMS: A Case Study”**, the International Journal of Technologies in Learning, Vol. 30, Issue 1, pp. 91-105. ISSN: 2327-2686. doi:10.18848/2327-0144/CGP/v30i01/91-105.

17. Rafi Ahmad Khan, **“Perception of Teachers towards EvalTools LMS: A Case Study”**, Bulletin of the Technical Committee on Learning Technology, Vol. 22, Issue 2, pp. 4-10, ISSN : 2306-0212, <https://tc.computer.org/tclt/10-1109-2022-02005006/>
18. Yazed Alsaawy, Ahmad Alkhodre, Mohammed Benaida, Rafi Ahmad Khan, **“A Comparative Study of Multiple Regression Analysis and Back Propagation Neural Network Approaches on Predicting Financial Strength of Banks: An Indian Perspective”**, WSEAS Transactions on Business and Economics, ISSN / E-ISSN: 1109-9526 / 2224-2899, Volume 17, 2020, Art. #60, pp. 627-637, <https://wseas.com/journals/bae/2020/b225107-978.pdf>
19. Sameer Sadiq Sofi, Rafi Ahmad Khan , **“Face Recognition Using Neural Network Technique of SOM”**, International Journal of Scientific and Technology Research, Vol. 8, Issue 12, pp. 3423 – 3427, ISSN:2277-8616, <http://www.ijstr.org/paper-references.php?ref=IJSTR-1219-27375>
20. Rafi Ahmad Khan, Mohamad Hussain, **“Date Palm Crop Yield Estimation-A Framework”**, IJRCST, Vol. 7, Issue 6, pp. 143-46, ISSN:2347-5552
21. Rafi Ahmad Khan, Adnan Nadeem, and Arshid Ali, **“Business Analytics: A Framework”**, International Journal of Computer Technology and Applications, Vol. 10, Issue 2, pp. 102-08, ISSN: 2229-6093
22. Rafi Ahmad Khan, **“Learning Analytics with Big Data: A Framework”**, International Journal of Computer Sciences and Engineering, Vol.7, Issue.4, pp.349-353, ISSN: 2347-2693 <https://doi.org/10.26438/ijcse/v7i4.349353>
23. Umar Sidiq, S M Aaqib, Rafi. A. Khan, **“Diagnosis of various Thyroid ailments using data mining classification techniques”**, International Journal of Scientific Research in Computer Science, Engineering and Information Technology, Vol. 5, Issue 1, pp. 131-36, ISSN: 2456-3307
24. Sameer Sadiq; Khan, Rafi. A. Khan **“Facial Biometric Authenticated Digital Resource Usage”**, International Research Journal of Engineering and Technology (IRJET), Vol.8 (4), P 86 -90, Print: ISSN: 2395-0056 & Online: ISSN: 2395-0072 <https://www.irjet.net/archives/V5/i11/IRJET-V5I1117.pdf>
25. Khalid Bashir Bajwa, Waqas Nawaz, Rafi Ahmad Khan, **“Sentiment Classification and Analysis on Arabic using Semi-Supervised Approach”**, JETIR, Volume 5, Issue 8, ISSN: 2349-5162
26. K. R. Khan, A. Rahman, A. Nadeem, M. S. Siddiqui and Rafi Ahmad Khan, **“Remote Monitoring and Control of Microgrid using Smart Sensor Network and Internet of Thing”**, 2018 1st International Conference on Computer Applications & Information Security (ICCAIS), Riyadh, Saudi Arabia, 2018, pp. 1-4. doi: 10.1109/CAIS.2018.8441994
27. Shoaib Siddiqui, Adnan Nadeem, Atiqur Rahman, Turki Algamidhi, Rafi Ahmad Khan, **“Driver Activity Recognition in identifying the Culprit for a Road Accident”**, IJRAR, Volume 5, Issue 3, August 2018, ISSN: 2349-5138
28. Rafi A. Khan, Syed Zeeshan Zahoor, **“Q-learning and deep Q networks for securing IoT networks, challenges, and solution”** In: Inam Ullah Khan, Salma El Hajjami(eds) Cognitive Machine Intelligence. CRC Press, Boca Raton
29. Rafi Ahmad, Khan, M.H., Zahoor, S.Z. (2024). **“Securing AGI: Collaboration, Ethics, and Policy for Responsible AI Development”**. In: El Hajjami, S., Kaushik, K., Khan, I.U. (eds) Artificial General Intelligence (AGI) Security. Advanced Technologies and Societal Change. Springer, Singapore. https://doi.org/10.1007/978-981-97-3222-7_17
30. Dr. Rafi A Khan, Mansoor Farooq, Mubashir Hassan Khan. **“Advancing cyber security: Robust defenses and transparent decision-making through adversarial training and interpretability techniques in**

artificial intelligence”. International Journal of Computer Artificial Intelligence 2024;5(2):17-27. DOI: 10.33545/27076571.2024.v5.i2a.92

Faculty Administrative Experience

More than 20 years of experience in teaching, administration and research.

Community Services

Consultancy

Membership in Professional Bodies

- International Economics Development Research Center (IEDRC)
- International Association of Computer Science and Information Technology (IACSIT)
- International Association of Engineers (IAENG)
- Computer Science Teachers Association (CSTA)
- Universal Association of Computer and Electronics Engineers (UACEE)

Awards and Recognitions

- Awarded Grade “Excellent” in Teaching by Quality Assurance Cell of the University of Kashmir Based on Student Feedback, Result of Students and Research Work