PROFILE SUMMARY

Personal Summary

Name: Dr Mudassir Khan	
Qualification: BSc. (Hons), MCA, PhD **(CS-Bigdata)**, Postdoc	**Sex:** Male
Current Designation: Assistant Professor	**Marital status:** Married
Current Organization: King Khalid University	**Passport number:** T2452339
Total Experience: 14+ years	**Contact info:** +966503921479
Department: Computer Science	

Publication Summary

ISI Publication:	100 published
ISI Publication Under review	10+
Scopus Publication:	153 published
Patents/copyrights:	17
Book publication:	15+
Book under processing	13
Book chapters:	38
Book chapters accepted:	23
Google Scholar Citations	1669
Scopus Citations	1198

Academic summary

Dr. Mudassir Khan is a distinguished academician, researcher, author, and consultant with a robust background in computer science and data analytics. He earned his Master of Computer Applications (MCA) from Gautam Budh Technical University, India, and subsequently completed his Ph.D. in Big Data Analytics using Deep Learning from Noida International University, India. He has completed a postdoctoral fellowship in the Faculty of Computing Informatics at Multimedia University, Malaysia (Remote: 2024-2026). He is Co-Supervisor (Remote) for Postgraduate Studies in the Centre of Postgraduate Studies, Department of Computer Science, Lincoln University College, Malaysia). He is Supervisor / Co- Supervisor for Postdoctoral Researcher fellow program in the Department of Computer Information Systems, Faculty of Information & Communication Technology, L-Università ta' Malta (University of Malta).

With over 14+ years of teaching and research experience, Dr. Khan has made significant contributions to the field while serving as an Assistant Professor in the Department of Computer

Science at the College of Computer Science, Applied College, Tanumah, King Khalid University, Kingdom of Saudi Arabia. His expertise encompasses a broad spectrum of subjects, including Big Data, Deep Learning, Machine Learning, Data Science, the Internet of Things (IoT), and Artificial Intelligence, medical imaging particularly in the context of healthcare.

Dr. Khan is a prolific author, having published over 130+ research articles in prestigious international referred journals, including those indexed by SCI, SCIE, and SCOPUS. His work has also been presented at various international conferences, with publications indexed in Springer, IEEE Xplore, and ACM. Dr. Khan has edited numerous books published by esteemed publishers such as Springer, Wiley, Bentham Science, Nova Publishers, and Elsevier. In addition to his articles, he has authored four books in the field of computer science

His contributions extend beyond research and publication. Dr. Khan has been actively involved in the academic community as a member of technical program, organizing, advisory, and review committees for more than 30+ national and international conferences worldwide.

Recognized for his expertise, Dr. Khan holds globally recognized professional certifications from various IT giants and has secured patents in Australia and India. He is a member of several research organizations, where he holds life and associate memberships, further underscoring his commitment to advancing knowledge and innovation in his field.

Through his work, Dr. Mudassir Khan continues to inspire future generations of researchers and practitioners, making significant strides in the realms of technology and education.

CURRICULUM VITAE



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CAREER OBJECTIVE:

"To begin my career at a highly reputed and eminent educational institute and to gain exceptional career move ahead through long efforts and performance regularity"

Professional Summary

- Possess a total of around 16+ years of experience in the teaching field.

- I am currently working as an Assistant Professor at **King Khalid University, Saudi Arabia.**
- Supervisor / Co- Supervisor for Postdoctoral Researcher fellow program in the Department of Computer Information Systems, Faculty of Information & Communication Technology, **L-Università ta' Malta (University of Malta).**
- I am currently pursuing as Postdoctoral Researcher at **Multimedia University, Malaysia (Hybrid).**
- Supervisor / Co- Supervisor for Postgraduate Studies in the Centre of Postgraduate Studies, Department of Computer Science, **Lincoln University College, Malaysia.**
- Supervisor / Co- Supervisor for Postgraduate Studies in the Centre of Postgraduate Studies, Department of Computer Science, **Noida International University, India.**
- Supervisor / Co- Supervisor for Postgraduate Studies in the Centre of Postgraduate Studies, Department of Computer Science, **Annamacharya University, India.**
- Possess excellent teaching and monitoring skills.
- Familiar with the policies and guidelines of university.
- Self-motivator and excellent team player/leader.
- Possess good communication and team spirit.
- Good academic and administrative skills.
- Use of innovative techniques like LMS Blackboard, flipped classroom, application learning in classroom, experiential learning.
- Participate in faculty and college committee activities.
- Develop curricula and recommend curricula revisions and additions.
- Direct, coordinate, and evaluate the activities of personnel, including support staff, engaged in administering academic institutions and departments.
- Determine course schedules and coordinate teaching assignments and room assignments to ensure optimum use of buildings and equipment.
- Review student misconduct reports requiring disciplinary action and counsel students regarding such reports.
- Academic advisor to review the student's performance.

Educational Qualification

- **Post-Doctoral (PDF)** from Multimedia University, Malaysia. (Remote)
- **Ph.D.** in Computer Science **(Bigdata-Data Science)** from Noida International University.
- **MCA** in Computer Science from Gautam Budh Technical University in June 2010
- **BSc (Hons)** from Aligarh Muslim University in June 2007

Subject Expertise

- **Big data, Machine Learning, Python Programming.**
- Data Structure, Operating System, Computing Ethics.

- Cyber Defense Technology, Multimedia and Computer Graphics.
- Programming Paradigm, Network Security, artificial intelligence.
- Mobile computing, big data, Mathematical foundation and computer science.
- Computer networks, information storage management, cloud computing.
- Had given support for projects for Data Flow Diagram and related ones.

Certification Courses

- Quality Matters certified course on “Applying the QM Rubrics” at King Khalid University campus Nov – 2020.
- IBM certified course on “Database DB2” Jan 2010.
- NPTEL certified course on “Privacy and Security in Online Social Media” Feb – Apr 2020.
- Certificate of achievement for the subject software engineering by Saylor Academy April 2020.
- Certificate of achievement for the subject Computer Communications and Networks by Saylor Academy June 20, 2020.
- Successfully completed the course "Google Analytics for Beginners" from google analytics academy June 25, 2020.
- Certificate of completion of "Big Data Hadoop and spark developer training" online course in Dec 2022.
- Certificate of completion of "Data Science with Python" online course in Dec 2022.
- Certificate of completion of "Python for Data Science" online course in Nov 2021.
- Certificate of completion of "Hadoop Platform and Application Framework by University of California San Diego" online course in April 2019.

Academic Role

- Head of committee “A unit for Developing Computer Skills” in the College of Science & Arts Tanumah, King Khalid University, Saudi Arabia. (2012-2016)
- Program coordinator of Department of Computer Science in the College of Science & Arts Tanumah, King Khalid University, Saudi Arabia. (2012-2016)
- Member of Unit of Quality & Development in the College of Science & Arts Tanumah, King Khalid University, Saudi Arabia. (2012-2016)
- Member of College Council Committee in the College of Science & Arts Tanumah, King Khalid University, Saudi Arabia. (2012-2016)
- Member of committee “Examination” in the College of Science & Arts Tanumah, King Khalid University, Saudi Arabia. (2012-2016)
- Member of committee “Schedule” in the College of Science & Arts Tanumah, King Khalid University, Saudi Arabia. (2012-2016)
- Member of committee “E-learning Center” in the College of Science & Arts Tanumah, King Khalid University, Saudi Arabia. (2012-Present)

- Member of committee “Scholars & Teaching Assistant” in the College of Science & Arts Tanumah, King Khalid University, Saudi Arabia. (2012-Present)
- Member of committee “Academic Guidance in the College of Science & Arts Tanumah, King Khalid University, Saudi Arabia. (2012-Present)
- Member of committee “Equipments & Labs” in the College of Science & Arts Tanumah, King Khalid University, Saudi Arabia. (2012-Present)
- Member of committee “Graduate Affairs” in the College of Science & Arts Tanumah, King Khalid University, Saudi Arabia. (2016-Present)
- Member of committee “Graduation Project” in the College of Science & Arts Tanumah, King Khalid University, Saudi Arabia. (2012-Present)
- Member of committee “Curriculum Development” in the College of Science & Arts Tanumah, King Khalid University, Saudi Arabia. (2016-Present)
- Member of committee “Scientific Research” in the College of Science & Arts Tanumah, King Khalid University, Saudi Arabia. (2016-Present)
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Awards

- Got the appreciation certificate by the dean of College of Science & Arts Tanumah, King Khalid University for establishing a Department of Computer Science.
- Got the best Paper Award “The Scope of E-learning in the Computer Science & Technologies”
- I coordinated the college fest.
- Active member of “CONFLUENCE” (Committee of MCA students in college).
- Certificates in various drawing competitions at school level.

Patents, Copyrights Published & Granted

- Title of the Copyright: Automated Accident Detection and Reporting System Using Vision Language Models
- Role: Coauthor and Inventor of the work

  Issuing Authority: German Government: German (European)
  Application Number: 20 2025 101 026 (14 April 2025)
  IPC: G08B 25/00

- Title of the Copyright: Deep Learning Based System for the Detection of COVID-19 Infections

Role: Coauthor and Inventor of the work
Issuing Authority: Australian Government: IP Austrailia
Application Number: 2021100007 (date of statutory declaration 2/Jan/2021)
Verification-Source:
http://pericles.ipaustralia.gov.au/ols/auspat/applicationDetails.do?applicationNo=2021100007#!

- Title of the Copyright: METHOD FOR STATISTICAL ANALYTICS IN BIG DATA USING MACHINE LEARNING AND IOT

Role: Coauthor and Inventor of the work
Issuing Authority: Indian Government: IP India
Application Number: 202311081619 (Date of Publication 29/Dec/2023)
Verification-Source:
https://iprsearch.ipindia.gov.in/PatentSearch/PatentSearch/ViewApplicationStatus

- Title of the Copyright: AI BASED ELECTRIC AND MANUAL HOME CARE CUM WHEELCHAIR

Role: Coauthor and Inventor of the work
Issuing Authority: Indian Government: IP India
Application Number: 411013-001 (Date of Publication 10/May/2024)
Design No- 411013-001
Verification-Source: https://search.ipindia.gov.in/DesignApplicationStatus

- Title of the Copyright: CUSTOMIZABLE BRACELET
- Role: Coauthor and Inventor of the work

Issuing Authority: Indian Government: IP India
Application Number: 411908-001 (Date of Publication 29/March/2024)
Design No- 411908-001
Verification-Source: https://search.ipindia.gov.in/DesignApplicationStatus

- Title of the Copyright: PIEZOELECTRIC ENERGY HARVESTING DEVICE FOR ELECTRICITY GENERATION
- Role: Coauthor and Inventor of the work

Issuing Authority: Indian Government: IP India
Application Number: 2024411040095 (Date of Publication 07/06/2024)
Design No- 2024411040095
Verification-Source: https://search.ipindia.gov.in/DesignApplicationStatus

- Title of the Copyright: SYSTEM AND METHOD FOR NON-INVASIVE BREAST CANCER DETECTION USING THERMAL IMAGING AND ARTIFICIAL INTELLIGENCE
- Role: Coauthor and Inventor of the work

Issuing Authority: Indian Government: IP India
Application Number: 202511054586 (Ready for Publication)
Design No- 202511054586
Verification-Source: https://search.ipindia.gov.in/DesignApplicationStatus

SCI Publication

1. Khan, M. and M. D. Ansari (2020). "Multi-criteria software quality model selection based on divergence measure and score function." Journal of Intelligent & Fuzzy Systems 38(3): 3179-3188. 10.3233/JIFS-191153.
2. Khan, M. (2021). Smart And Effective Environment Monitoring using Internet of Things. Biosc.Biotech.Res.Comm., 14(7), 258–262. https://doi.org/10.21786/bbrc/14.7.57
3. Khan, M; Ilavendhan, A.; Babu, C.N.K.; Jain, V.; Goyal, S.B.; Verma, C.; Safirescu, C.O.; Mihaltan, T.C. Clustering Based Optimal Cluster Head Selection Using Bio-Inspired Neural Network in Energy Optimization of 6LowPAN. Energies 2022, 15, 4528. https://doi.org/10.3390/en15134528
4. Li Xiaojuan, Khan Mudassir and Ansari Dilshad Mohd, Design and Development of a Data Structure Visualisation System Using the Ant Colony Algorithm, Recent Advances in Electrical & Electronic Engineering 2023; 16 (2) https://dx.doi.org/10.2174/2352096515666220617111139
5. Lu, Y., Khan, M. & Ansari, M. (2022). Face recognition algorithm based on stack denoising and self-encoding LBP. Journal of Intelligent Systems, 31(1), 501-510. https://doi.org/10.1515/jisys-2022-0011
6. Ting, L., Khan, M*., Sharma, A. & Ansari, M. (2022). A secure framework for IoT-based smart climate agriculture system: Toward blockchain and edge computing. Journal of Intelligent Systems, 31(1), 221-236. https://doi.org/10.1515/jisys-2022-0012
7. Muqeem Ahmed, Mohd Dilshad Ansari, Ninni Singh, Vinit Kumar Gunjan, Santhosh Krishna B. V., Mudassir Khan, "Rating-Based Recommender System Based on Textual Reviews Using IoT Smart Devices", Mobile Information Systems, vol. 2022, Article ID 2854741, 18 pages, 2022. https://doi.org/10.1155/2022/2854741
8. Khan, M., Hariharasitaraman, S., Joshi, S., Jain, V., Ramanan, M., SampathKumar, A. et al. (2022) A deep learning approach for facial emotions recognition using principal component analysis and neural network techniques. The Photogrammetric Record, 00, 1–18, https://doi.org/10.1111/phor.12426

9. Chinnasamy, P.; Albakri, A.; Khan, M.; Raja, A.A.; Kiran, A.; Babu, J.C. Smart Contract-Enabled Secure Sharing of Health Data for a Mobile Cloud-Based E-Health System. Appl. Sci. 2023, 13, 3970. https://doi.org/10.3390/app13063970
10. Prasanna, K.; Khan, M.; Alshahrani, S.M.; Kiran, A.; Phanindra Kumar Reddy, P.; Alymani, M.; Chinna Babu, J. Continual Learning Approach for Continuous Data Stream Analysis in Dynamic Environments. Appl. Sci. 2023, 13, 8004. https://doi.org/10.3390/app13148004
11. Vellaichamy, J.; Basheer, S.; Bai, P.S.M.; Khan, M.; Kumar Mathivanan, S.; Jayagopal, P.; Babu, J.C. Wireless Sensor Networks Based on Multi-Criteria Clustering and Optimal Bio-Inspired Algorithm for Energy-Efficient Routing. Appl. Sci. 2023, 13, 2801. https://doi.org/10.3390/app13052801
12. Venkatesh, B.; Khan, M.; Alabduallah, B.; Kiran, A.; Babu, J.C.; Bhargavi, B.; Alhayan, F. Design Optimization of Counter-Flow Double-Pipe Heat Exchanger Using Hybrid Optimization Algorithm. Processes 2023, 11, 1674. https://doi.org/10.3390/pr11061674
13. Chowdary, M.K.; Turaka, R.; Alabduallah, B.; Khan, M.; Babu, J.C.; Kiran, A. Low-Power Very-Large-Scale Integration Implementation of Fault-Tolerant Parallel Real Fast Fourier Transform Architectures Using Error Correction Codes and Algorithm-Based Fault-Tolerant Techniques. Processes 2023, 11, 2389. https://doi.org/10.3390/pr11082389
14. Venkatesh, C. et al., An automatic diagnostic model for the detection and classification of cardiovascular diseases based on swarm intelligence technique. Heliyon, Volume 10, Issue 3, e25574; https://doi.org/10.1016/j.heliyon.2024.e25574
15. Venkatesh B, Kiran A, Khan M, Rahmani MKI, Upadhyay L, et al. (2024) Performance optimization for an optimal operating condition for a shell and heat exchanger using a multi-objective genetic algorithm approach. PLOS ONE 19(6): e0304097. https://doi.org/10.1371/journal.pone.0304097
16. Karimullah S, Khan M, Shaik F, Alabduallah B and Almjally A (2024) An integrated method for detecting lung cancer via CT scanning via optimization, deep learning, and IoT data transmission. Front. Oncol. 14:1435041. doi: 10.3389/fonc.2024.1435041
17. Venkatesh, A., Prakash Raj, M., Baranidharan, B., Rahmani, M. K. I., Tasneem, K. T., Khan, M., & Giri, J. (2024). Analyzing steady-state equilibria and bifurcations in a time-delayed SIR epidemic model featuring Crowley-Martin incidence and Holling type II treatment rates. Heliyon, 10(21), e39520. https://doi.org/10.1016/j.heliyon.2024.e39520
18. Swapandeep Kaur, Sheifali Gupta, Deepali Gupta, Sapna Juneja, Ali Nauman, Mudassir Khan, Izhar Husain, Asharul Islam, Saurav Mallik, High-accuracy lung disease classification via logistic regression and advanced feature extraction techniques, Egyptian Informatics Journal, Volume 29, 2025, https://doi.org/10.1016/j.eij.2024.100596
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20. Khan, M., Su'ud, M.M., Alam, M.M. *et al.* Enhancing Breast Cancer Detection Through Optimized Thermal Image Analysis Using PRMS-Net Deep Learning Approach. *J Digit Imaging. Inform. med.* (2025). https://doi.org/10.1007/s10278-025-01465-y
21. Almjally, A., Khan, M., Ismail, M. et al. Broadband Technology Selection Based on Three-Way Decision-Making Model Under the Tripolar Fuzzy Information. Int. J. Fuzzy Syst. (2025). https://doi.org/10.1007/s40815-025-02054-5
22. Hasan, N., Saleem, S., Khan, M. *et al.* Machine learning: enhanced dynamic clustering for privacy preservation and malicious node detection in industrial internet of things. *Discov Computing* **28**, 166 (2025). https://doi.org/10.1007/s10791-025-09689-w
23. Marichamy, M., Pandian, N., Kesavan, S., Khan, M., Oruganti, S.K. (2025). Enhanced brain and lung tumor detection by explainable AI techniques. Traitement du Signal, Vol. 42, No. 4, pp. 1935-1943. https://doi.org/10.18280/ts.420408
24. M. Khan, R. A. Mahajan, N. R. Sivakumar, et al., " A Unified Hybrid Model for Cardiovascular Risk Prediction: Merging Statistical, Kernel-Based and Neural Approaches," *Journal of Cellular and Molecular Medicine* 29, no. 16 (2025): e70797, **https://doi.org/10.1111/jcmm.70797**.
25. A. Varghese et al., "Robust Skin Cancer Detection through CNN-Transformer-GRU Fusion and Generative Adversarial Network Based Data Augmentation," Comput. Model. Eng. Sci., vol. 144, no. 2, pp. 1767–1791, 2025. https://doi.org/10.32604/cmes.2025.067999
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27. Mahajan, R. A., Khan, M., Dey, R., Nezami, M. M., Bagate, R. A., & Kumbhar, V. (2025). Enhancing Synthetic Medical Images in Healthcare using AI-Based Exposed GANs with Data Augmentation. *Current Medical Imaging*.
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29. Morshedur Hassan, M. M., Ray, A., Barbhuyan, M. F., Khan, M., Alabdullah, B., Islam, M. F., & Mohammed Mujahid, B. CottonNet-MHA: A Model for Detecting Cotton Disease Based on Deep Learning. *Frontiers in Plant Science*, *16*, 1664242. https://doi.org/10.3389/fpls.2025.1664242
30. Nasra, P., Gupta, S., Khan, M., Singh, J., Alabdullah, B., Almjally, A., ... & Bharany, S. Deep Learning-Based Phenotyping of Lettuce Diseases Using Efficient-FBM-FRMNet for Precision Agriculture. *Frontiers in Plant Science*, *16*, 1704647.
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33. Nayak, D. S. K., Pati, A., Panigrahi, A., Khan, M., Alabdullah, B., Sahoo, S. K., ... & Swarnkar, T. (2025). aiGeneR 3.0: an enhanced deep network model for resistant strain identification and multi-drug resistance prediction in Escherichia coli causing urinary tract infection using next-generation sequencing data. *Frontiers in Genetics*, *16*, 1651917.

34. Malik, V., Khan, M., Bhoyar, P., Gupta, K., Hussain, M. A., Arora, K., & Mujahid, B. M. (2025). StegoSec-EHR: A blockchain-enabled IoTFramework for secure HER sharing via steganography in genetic disease diagnosis. *Peer-to-Peer Networking and Applications*, *18*(6), 325.
35. Chatterjee, K., Bala, B., Khan, M. et al. AiM: urban air quality forecasting with grid-embedded recurrent MLP model. Sci Rep 15, 42812 (2025). https://doi.org/10.1038/s41598-025-27073-y
36. Rupali Atul Mahajan, Mudassir Khan, Rajesh Dey, Manzar Nezami, Rupali Amit Bagate, Vijaya Kumbhar, Enhancing the Synthetic Medical Images in Healthcare Using AI-based Exposed GANs with Data Augmentation, Current Medical Imaging; Volume 22, Year 2026, e15734056391394.DOI: 10.2174/0115734056391394251104065630
37. Singh, K., Khanna, V., Rathore, S. *et al.* MXene as electrodes for energy storage: applications in batteries & supercapacitors. *J Mater Sci: Mater Electron* **36**, 2259 (2025). https://doi.org/10.1007/s10854-025-16220-w
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39. Bhuria, R., Singh, R., Khan, M., Abbas, M., Singh, J., Ksibi, A., ... & Kaur, U. AI-Powered Detection of Pumpkin Leaf Diseases Using DualFusion-CBAM-Stochastic for Yield Protection and Precision Agriculture. *Frontiers in Plant Science*, *16*, 1717226.
40. DHANKA, S., Kumar, A., Maini, S., Kumar, N., Singh, J., Khan, M., ... & Ksibi, A. Padding Interpolation, Median Imputation, RobustScalar, and Particle Swarm Optimization with Heterogeneous Classifiers: A Robust Combination for Effective Heart Disease Diagnosis. *Frontiers in Medicine*, *12*, 1721740.
41. Khan, M., Khan, A., Ismail, M. et al. *A Development of the Circular Non-linear Diophantine Fuzzy Set and Their Application in Cloud Services Provider Selection*. Int J Comput Intell Syst 19, 13 (2026). https://doi.org/10.1007/s44196-025-01079-w
42. Balajee, A., Vinoth, R., Suresh, A., Khan, M., Mahesh, T. R., & Sayal, A. (2026). *Federated hyper LSTM model for storage optimization and collision prediction in an intelligent IoVT.* Egyptian Informatics Journal, 33, 100884.
43. Borkotoky, B., Deka, B., Bharteey, P.K. et al. Soil erosion: assessing riverbank erosion dynamics in Jorhat district of Assam, India using revised MMF model and GIS techniques. Environ Geochem Health 48, 96 (2026). https://doi.org/10.1007/s10653-026-02988-1
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and enhanced dermatologist support. Journal of King Saud University. Science, 0(1), 1–16. doi:10.25259/jksus_1183_2025

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50. Mehta, M.A., Mazumdar, P., Chatterjee, K. *et al.* Realistic benchmark RBD360 dataset for quality assessment of random user generated 360° videos. *Sci Rep* (2026). https://doi.org/10.1038/s41598-026-48418-1

51. Malik, V., Alsubait, T., Khan, M., Lakhina, U., Menshawi, A., Mehla, S., Mukhija, L., Altaf, M., & Jamel, L. Multimodal Breast Cancer Diagnosis Using Feature Fusion and Deep Learning. *Frontiers in Medicine*, *13*, 1877662. https://doi.org/10.3389/fmed.2026.1877662
52. Khan, M., Rahman, M.I., Alhayan, F. *et al.* A Novel Decision Model for Surgical Robot Selection Based on the Bipolar Fuzzy Z-number. *Int J Comput Intell Syst* (2026). https://doi.org/10.1007/s44196-026-01395-9

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54. Md. Shihab Sharar Oyon, Md. Abdullah Nabil, Zahid Hasan Rifat, Mudassir Khan, and Mohammad Nasir Uddin, "Numerical analysis of balanced geometry selection in circular PCF SPR biosensors for cancer and bacterial detection," Opt. Continuum 5, 1115-1141 (2026)

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141. Thirumalaiah, G., Partha Praneeth Reddy, P., Sai Sree, S., Khan, M., Sai Pavani, Y., Santhosh Kumar, E., & Hanumanthu, M. (2026). A review on Edge-AI powered image segmentation and sensor-based crop management. In H. Singh, P. Kaushal, & S. Kaur (Eds.), Advanced computing and AI for sustainable environment, energy, and smart manufacturing: AI-driven sustainability across environment, energy, and industry (pp. 487–491). CRC Press. https://doi.org/10.1201/9781003790730-87

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152. Chinnakotla, B., Murarrysetty, T., Bodagala, L. D., Shaik, A., Mandem, C., Dulla, G. R., Khan, M., & Thirumalaiah, G. (2026). Development of a selective refractive index-based SPR sensor for acetone detection in industrial wastewater. In V. Bhatia, S. Kaur, A. Kalra, & B. Tandon (Eds.), *Smart systems and beyond: Redefining computing and robotics through AI*. Routledge. https://doi.org/10.1201/9781042026289-52

Book Publications

153. Khan, M.: Big Data analytics framework for social opinion analysis in Information Management, (Thesis)
154. Maurya, A., Khan, M., Kumar, N.: Cyber Security. Nitya Publications, India (2020).
155. Priya, A., B, Prasanalakshmi., Khan, M., Kumar, Ravi.: Fundamental Concepts of Computer Programming. Scientific International Publishing House, India (2022).
156. Rao, M; Basheer, Shakila; Babu, J; Khan, M; Reddy, B; Hybrid Feature Selection based Machine Learning Approaches for Texture Classification. DreamBook Publishing, India (2023).
157. Khan, M.; Basheer, Shakila: ARTIFICIAL INTELLIGENCE: A MODERN APPROACH. gcspublishers, India (2022).

158. T V Ramana, G S Ghantasala, R Sathiyaraj, Mudassir Khan (2024): Artificial Intelligence and Machine Learning for Smart Community, CRC/Taylor and Francis Group, https://doi.org/10.1201/9781003409502

159. M. Thirunavukkarasan, S.A. Sahaaya Arul Mary, Sathiyaraj R., G.S. Pradeep Ghantasala, and Mudassir Khan (20254): Artificial Intelligence and Machine Learning for Industry 4.0, Scrivener Publishing, Wiley.

160. Mondal, S., Kumar, A., & Khan, M. (Eds.). (2025). Digital Twins and ESG. John Wiley & Sons.

161. Ghonge, M. M., Liu, H., Khan, M., & Tran, T. A. (Eds.). (2025). *Advances in Emerging Technologies and Computing Innovations: Proceedings of First International Conference on Emerging Technologies and Computing Innovations (ICETCI-2025)*. Springer Nature Switzerland AG

162. Sbai, A., Khan, M., Dutta, P., Davim, J., & Onyema Edeh, M. (Eds.). (2026). *Transformative Role of Transformer Models in Healthcare*. IGI Global Scientific Publishing. https://doi.org/10.4018/979-8-3373-2038-0

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164. Khan, M., Karimullah, S., Shaik, F., & Margala, M. (Eds.). (2026). *Innovative paradigms in oncology*. Wiley-Scrivener.

165. Singh, V., Khan, M., Malik, V., Kour, S., & Mondal, S. (Eds.). (2026). *Intercropping and sustainable agriculture using Internet of Things and artificial intelligence*. Wiley-Scrivener.

166. Bhambri, P., Dutta, P. K., Khan, M., & Starostka-Patyk, M. (Eds.). (2026). Next-gen supply chains: AI, automation, and sustainability in a disrupted world. Wiley-ISTE.

167. Ghonge, M., Bhushan, M., N., P., Tran, T. A., Liu, H., & Khan, M. (Eds.). (2026). Ensuring reliable generative AI in healthcare: Challenges and solutions for diagnosis and treatment systems. Springer Nature.

168. Koundal, D., Khan, M., Atul Mahajan, R., & Dey, R. (Eds.). (2026). Intelligent Precision Healthcare: Multimodal Generative AI for Neurodegenerative Disease Management (1st ed.). CRC Press. https://doi.org/10.1201/9781003667360

169. Khan, M., Ali, J., Malik, M., & Mondal, S. (Eds.). (2026). Green Bytes: Mitigating the Environmental Impact of Digital Technologies (1st ed.). CRC Press. https://doi.org/10.1201/9781003682721

170. Khan, M., Malik, M. H., Bhushan, M., Malik, V., & Mondal, S. (Eds.). (2027). *Green Investment Analytics, Sustainable Finance, and AI*. IGI Global Scientific Publishing. https://doi.org/10.4018/979-8-2600-5002-6

171. Khan, M., Malik, M. H., Bhushan, M., Malik, V., & Mondal, S. (Eds.). (2027). *Cloud-Based Digital Finance Systems for Green Economic Growth*. IGI Global Scientific Publishing. https://doi.org/10.4018/979-8-2600-0908-6

172. Hoang, V. T., Khan, M., Khan, S. B., & Malik, V. (Eds.). (2027). Edge Computing for Next-Generation Smart Cities. IGI Global Scientific Publishing. https://doi.org/10.4018/979-8-2600-0537-8

Reviewer/Editor for Journals

- **Editor** in the "Journal of Computational Systems and Applications" https://ojs.gospub.com/index.php/jcsa/about
- **Editor** in the "Journal of Computer Science (ISSN- 1549-3636)"; https://thescipub.com/jcs/editors
- **Academic Editor** in the" PLoS ONE- Multidisciplinary Journal Q-1 Journal (ISSN- 1932-6203)"; https://journals.plos.org/plosone/s/resources-for-editors
- **Associate Editor** in the" GAP Interdisciplinary- A Global Journal of Interdisciplinary Studies (ISSN- 2581-5828)";https://www.gapinterdisciplinarities.org/editors.php
- **Editor** in the "IgMin-Research-STEM a Multi-disciplinary Journal"; https://www.igminresearch.com/members/mudassir-khan
- **Honorable Editorial Board** member in the "International Journal of Scientific Research in Computer Science, Engineering and Information Technology"; ISSN: 2456-3307 UGC Journal No : 64718;https://ijsrcseit.com/editorial.php
- **Editor** in the "Emirates Journal of Food and Agriculture" https://ejfa.pensoft.net/
- **Editor** in the "International Journal of Advanced Trends in Computer Applications (IJATCA)" https://ijatca.com/Editorial_Board?page=3
- **Editor** in the "International Journal of Research in Advent Technology (IJRAT)" https://www.ijrat.org/
- Reviewer in International Journal of Teaching and Teacher Education (JTTE).
- Reviewer in International Journal of Computer Science and Internet Technologies (IJCSIT).
- Reviewer in International Journal of Teaching and Teacher Education (JTTE).
- Reviewer in International Journal of Computer Science and Internet Technologies (IJCSIT).
- Reviewer in IEEE Access.
- Reviewer in Applied Sciences.
- Reviewer in Energies.
- Reviewer in Soft Computing.
- Reviewer in Cybernetics & Systems.
- Reviewer in International Journal of Pervasive Computing and Communications.
- Reviewer in Sensors.
- Reviewer in Applied Artificial Intelligence.

- Reviewer in Electra.
- Reviewer in Journal of Intelligent & Fuzzy Systems.
- Reviewer in Paladyn, Journal of Behavioral Robotics.
- Reviewer in PeerJ.
- Reviewer in PeerJ Computer Science.
- Reviewer in Remote Sensing.
- Reviewer in Systems.
- Reviewer in Biomedical signal processing and control
- Reviewer in Supercomputing.
- Reviewer in International Journal of Cloud Applications and Computing (IJCAC)
- Reviewer in Journal of Data Science and Intelligent Systems
- Reviewer in Automatika: Journal for Control, Measurement, Electronics, Computing and Communications.
- Reviewer in International Journal of System Assurance Engineering and Management
- Reviewer in Iranian Journal of Science and Technology, Transactions of Electrical Engineering
- Reviewer in Computer methods in biomechanics and biomedical engineering.
- Reviewer in Connection science.
- Reviewer in Coronaviruses.
- Reviewer in EURASIP Journal on wireless communications and networking
- Reviewer in Higher learning research communications.
- Reviewer in IGI Global Book Chapter Peer Reviews
- Reviewer in International journal of big data and analytics in healthcare.
- Reviewer in International journal of pervasive computing and communications.
- Reviewer in Journal of advanced research in natural and applied sciences (Çanakkale).
- Reviewer in Journal of Electrical Engineering & technology
- Reviewer in Journal of experimental & theoretical artificial intelligence.
- Reviewer in Qeios.
- Reviewer in The Innovation.
- Reviewer in Wireless personal communications.
- Reviewer in Complex & Intelligent Systems.
- Reviewer in Computing and Informatics.
- Reviewer in Journal of Advanced Research in Natural and Applied Sciences.
- Reviewer in Complexity.
- Reviewer in International Journal of Services, Economics and Management.
- Reviewer in Electronics.

Professional Membership

- **Senior Member** of the International Society for Applied Computing (ISAC), Membership No- **SM2024111801**
- Member of International Association of Engineers (IAENG) Membership No-170204

- Member of IEEE Member: 94615477
- Member of Internet Society Member ID: 182181
- Member of Computer Science Teachers Association (CSTA) Member Number: 52780881
- Member of Technical Programme Committee in 5th International Conference on Computing for Sustainable Global Development Technically Sponsored by IEEE Advancing Technology for Humanity (IEEE Conference ID-42835)
- Member of Universal Association of Computer and Electronics Engineers, Membership Id-AM101000581648
- Member of Reviewer committee in the 8th International Conference on Computer, Electrical and Electronics Engineering & Technology (ICEEET-2018) April 17-18, 2018 Kyoto (Japan)
- Member of Technical Program Committee (TPC) in the Automation and computational Engineering, IEEE sponsored"(ICACE- 2018) scheduled from 3rd - 5th Oct. 2018.
- Associate Editor in the" GAP Interdisciplinary- A Global Journal of Interdisciplinary Studies (ISSN- 2581-5828)"
- Key note speaker in the" 6th CSERD International Conference-Research & Innovation Trends (ICRIT-2018) "
- Member of Technical Program Committee (TPC) in the Automation and computational Engineering, IEEE sponsored"(ICACE- 2019) scheduled from April 2018
- Key note speaker in the" International Conference on Environmental Science & Covid-19 (ICESC-2021) (https://sites.google.com/view/icdsc/keynote-speaker)

FDP/ WORKSHOP/ SEMINAR/ STTP/ WEBINAR Attended

- Attended Workshop on Student Assessment by Prof. Bill Boyle in King Khalid University, Saudi KSA.
- Attended Workshop on Teaching Strategies by Prof. Brain Boyd in King Khalid University,Saudi KSA.
- Attended Seminar on French in the College of Science & Arts Tanumah, King Khalid University, Saudi Arabia.
- Attended Workshop on E-learning by Prof. Bill Boyle in King Khalid University, KSA.
- Attended Workshop on Teaching Strategies by Prof. Brain Boyd in King Khalid University, KSA.
- Attended two seminars at Jamia Millia Islamia New Delhi on Neural Network & Software Engineering conducted by the Computer Engineering Department Jamia Millia Islamia.
- Attended Conference conducted by the Computer Engineering Department Jamia Millia Islamia on Theory of Automation.
- Attended Conference conducted by the Computer Engineering Department Jawaharlal University New Delhi on Computer Network.

- I have done software trainee in STG International (software tech. group) as a part of six month training during the period of my teaching.
- During Training work on IBM Live project.
- Attended One week FDP on " Online National Faculty Enrichment Programme" organized by the Internal Quality Assurance Cell of Mannar Thirumalai Naicker College, Madurai, India, 13th May - 19th May 2020.
- Attended One week FDP on " Machine learning and Deep Learning:Research and Applications Perspectives" organized by the Department of Computer Science & Engineering, Poornima College of Engineering, Jaipur, held on 20-25 July, 2020.
- Attended One week FDP on " Artificial Intelligence using Python" organized by the Brain vision Solutions India Pvt.Ltd. & National Youth Council of India, 14th September - 19th September 2020.
- Attended One week FDP on "Emerging trends in computer science & Engineering and their applications " organized by the Jointly Organized by Department of Computer Science & Engineering, Nawab Shah Alam Khan College of Engineering & Technology & C-DAC Bangalore., 5th August - 9th August 2020.
- Attended One week FDP on "Emerging Trends & Technologies in Data Science" organized by the Jointly Organized by the HKBK College of Engineering, India, 13th – 20th August 2020.
- Attended One week FDP on "Python and Mobile Application Development" organized by the Jointly Organized Department of Computer Science and Engineering,GMR Institute of Technology, Rajam, Andhra Pradesh during 24th – 29th August 2020.
- Attended One week FDP on "Scientific Writing Using Latex" organized by Department of Computer Sciences, BGSB University, Rajouri, from 05th October, 2020 to 9th of October,2020
- Participated in Five days FDP on "Data Analysis & Mining with Python" organized by the Department of Computer Science & Engineering, CMR College of Engineering, Hyderabad, India, 8th November - 12th November 2021.
- Participated in Five days FDP on "Data Science: Tools and Research" organized by the Department of Artificial Intelligence & Data Science, VIIT, Pune, India in association with Society for Data Science, 1st November – 5th November 2022.
- One day workshop “R Programming” Employability' from 28th July, 30th July, 2020 organized by Malla Reddy Institute of Science & Technology.
- Participated in One Day Online National-Level Workshop on “Image Classification using MATLAB” conducted by Department of CSE, SCSE, JAIN Deemed to be University, Bangalore, held on 24th May 2020.
- Attended the workshop (New Trends for the Evaluation & Measurement Center and the Establishment of Items Bank) Which was organized by Evaluation & Measurement Center, King Khalid University, Abha, Saudi, Arabia Monday 11/5/2020 G

- Certificate of Completion is hereby granted for successful completion of:Independent Applying the QM Rubric (Virtual) (APPQMR), King Khalid University, Abha, Saudi, November 25, 2020
- E-Learning Deanship at King Khalid University Certifies for the completion of the course Learning Practitioner Which has been held via LMS (Blackboard), King Khalid University, Abha, Saudi Arabia, From 15/09/2020 To 21/09/2020.
- Certificate of Completion on the following module ”How to build empathy in research” organized by Elsevier on Friday 24 July, 2020
- Certificate of Completion on the following module ”Plagiarism: Decision making & dealing with grey-zones across academic Fields” organized by Elsevier on Friday 24 July, 2020
- Certificate of Completion on the following module ” Two Day Workshop on "Aligning Yourself to the Publishing Process” organized by Elsevier on Friday 24 July, 2020
- Certificate of Appreciation for the completion of National Level Quiz on “Computer Networks” organized by Department of MCA, VES Institute of Technology, Mumbai, in association with Institute Innovation Council(IIC) on 28-6-2020. Certificate Id: IAKDAY-CE000156.
- One day workshop on “NEURAL NETWORKS -JOURNEY FROM SHALLOW TO DEEP LEARNING” hosted by Department of Information Science & Engineering on June 5, 2020.
- Has completed the 2-days Online Training on“Cyber Hygiene Practices and Digital Signatures” as part of Faculty Development Program (FDP) conducted in collaboration with Dept. of CSE, Nawab Shah Alam Khan College of Engineering and Technology, Hyderabad. This training is conducted by C-DAC Bangalore as part of Information Security Education and Awareness (ISEA) project funded by Ministry of Electronics And Information Technology, Govt. of India.
- 5-Days Online Faculty Development Program on DEEP LEARNING & ITS APPLICATIONS : THEORY TO PRACTICE from6th - 10th July, 2020, organised by Dept of Computer Science & Engineering, Sasi Institute of Technology & Engineering, Tadepalligudem.
- Participated in One day National Level Webinar “Cyber Security” on 23.04.2021 organised by G.T.N.Arts College.
- Participated in “A Stress Relief Session on How to Attain Zero State of Mind”, organized by, Department of Mechanical Engineering, Smt. Kashibai Navale College of Engineering, Vadgaon Bk, Pune-41
- Attended Webinar on “Mathematics Behind Machine Learning” organized by Department of Applied Sciences and Humanities, MEC held on 20 th August, 2020. Mewat Engineering College, Nuh,(Haryana Waqf Board, Government of Haryana),ECertificate No: BUOYHM-CE000331
- Has Participated in Online National Level Workshop on “Python Programming-Intermediate” Held on 7th June 2020.

- Participated in one day online workshop titled "Machine Learning for Remote Sensing Data Classification", conducted by this institute on 01-06-2020. The participant attended the workshop at **ISRO**, **IIRS** Outreach network center.
- Participated in the two-day International Webinar on Data Science Using Python organized by the Department of Statistics, Bharathiar University, Coimbatore, Tamil Nadu, India during September 10 - 11, 2020.
- Participated in the webinar on "CLOUD COMPUTING" organized by the Department of Information Technology, Pope's College (Autonomous), Sawyerpuram, Thoothukudi(Dist) on 3rd July 2020.

Work Experience

Organization: Prakash Institute, Greater Noida, India

Duration: January 2010 to August 2012

Designation: Assistant Professor in the **Department of Computer Science**

Organization: King Khalid University

Duration: September 2012 to August 2024

Designation: Lecturer in the **Department of Computer Science, College of Science & Arts Tanumah, King Khalid University, Saudi Arabia.**

Administrative Experience:

Organization: King Khalid University

Duration: September 2012 to November 2016

Designation: ***Department Head*** in the **Department of Computer Science, College of Science & Arts Tanumah, King Khalid University, Saudi Arabia.**

Organization: King Khalid University

Duration: ***August 2024 to present***

Designation: Assistant Professor in the **Department of Computer Science, College of Computer Science, King Khalid University, Saudi Arabia.**

Organization: L-Università ta' Malta (University of Malta)

Duration: November 2025 to present (Remote)

Designation: Supervisor/Co-Supervisor for Postgraduate Studies in the **Department of Computer Information Systems, Faculty of Information & Communication Technology,**

L-Università ta' Malta (University of Malta)
Organization: Lincoln University College, Malaysia Duration: December 2024 to present (Remote) Designation: Supervisor/Co-Supervisor for Postgraduate Studies in the **Centre of Postgraduate Studies, Department of Computer Science, Lincoln University College, Malaysia.**

Technical Skills

Main: Python Programming, HTML, C. C++
Databases: SQL SERVER, ORACLE 8i
Operating System: WINDOWS 2007/xp,UNIX, Linux

Personal Details

Name	:	Dr. MUDASSIR KHAN
Mother's Name	:	RAIFA BEGUM
Date of Birth	:	10-07-1986
Sex	:	Male
Marital status	:	Married
Passport number	:	T2452339
Linguistic proficiency	:	English, Urdu, Hindi, Arabic

References

Prof. Rajesh Dey
Principal, Camelia Group of Institution, India

Email: de.rajesh@gmail.com

Prof. Rupali Atul Mahajan
Head of the Department
Department of Computer Science, Vishwakarma Institute of Technology, Pune, India
Email: rupali.mahajan@viit.edu

Dr. Aniruddha Deka
Dean, Research and Development
Faculty of Computer Technology,
Assam down town University, Sankar Madhab Path
Panikhaiti,91026 Guwahati, India
Email: dekaaniruddha@gmail.com

Declaration

I **Dr.** ***Mudassir Khan*** hereby states that the information provided by me is true to the best of my knowledge.

Place: Abha, Saudi Arabia



Date: **(Dr. Mudassir Khan)**