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Google Scholar (<https://scholar.google.com/citations?user=QEhyUzMAAAAJ&hl=en>)

Scopus (<https://www.scopus.com/authid/detail.uri?authorId=25724398200>)

Web of Science: ResearcherID (<https://publons.com/researcher/3865860/raees-khan/>)

Research Gate (https://www.researchgate.net/profile/Prof_Raees_Khan)

Educational Qualification

	Organization	Year of Award
Undergraduate	AMU, Aligarh	1997
Post-graduation	Punjab Technical University, Jalandhar	2000

DOCTORAL DEGREE

Ph.D. (Computer Science) from Jamia Millia Islamia (A Central University)
New Delhi.

Ph. D. TITLE

Quality Estimation of Object Oriented Code- A Design Metrics Perspective

Professional Experience (In Years)

Teaching Experience: 20 Years

Research Experience: 16 Years

Areas of Research (Maximum Five Bullet Points)

Software Quality, Security, Reliability, Durability and Quality Metrics.

Research/Consultancy Grants

Title of Projects	Funding Agency	Duration (Specific Dates)	Total Grant	Role (PI/CO-PI)
Development of a Security Assessment Framework for OO Software	Department of Information Technology (DIT), MIT, Govt. of India, New Delhi, India	25th October 2005 to 1st December 2006	Rs. 33.26 Lakhs	Co-Investigator

Quantifying Security in Early Stage of Software Development Life Cycle: An Object Oriented Software Perspectives	University Grant Commission (UGC), New Delhi, India	-	Rs. 7, 81,800/-	Principal Investigator
Symptoms and Sensation due to Cellular Telephone Usage Among the Urban and Rural Population of Uttar Pradesh: A Risk Assessment	Council of Science & Technology, UP, India (under Young Scientist Scheme)	-	Rs. 6, 36,000/-	Principal Investigator
Integration, Analysis and Implementation of Prosodic & MFCC Features for Automatic Speaker Recognition System using GMM	Council of Science & Technology, UP, India	-	Rs. 7, 82,000/-	Principal Investigator
Managing Software Security Risk: A Design Metrics Perspective	University Grant Commission (UGC), New Delhi, India	-	Rs. 14, 40,000/-	Principal Investigator
Design and Development of Software Security-Durability Mechanism to make Digital India Initiative more Secure	Council of Science & Technology, UP, India	-	Rs. 7, 80,000/-	Co-Investigator

Publications [1-308]

International	
Cumulative Impact Factor= 127.098	Average Impact Factor= 3.026
INDEXED IN SCI/SCIE/ESCI/WEB OF SCIENCE/SCOPUS AND Q1 QUARTILE	
<ol style="list-style-type: none"> 1. Khan R.A., et. al., (2021). Exploring the Topological Properties of the Tor Dark Web, <i>IEEE Access</i>. IEEE. Article in press. DOI: 10.1109/ACCESS.2021.3055532. <ul style="list-style-type: none"> • Indexed in SCI-E, WoS, Scopus • Impact Factor: 3.745 • Quartile: Q1 2. Khan R.A., et. al., (2021), A Hybrid Fuzzy Rule-Based Multi-Criteria Framework for Sustainable-Security Assessment of Web Application, article in press. <i>Ain Shams Engineering Journal</i>, Elsevier. DOI: 10.1016/j.asej.2021.01.003. <ul style="list-style-type: none"> • Indexed in SCI-E, WoS, Scopus • Impact Factor: 1.949 • Quartile: Q1 3. Khan R.A., et. al., (2021). Managing security-risks for improving security-durability of institutional web-applications: design perspective. <i>Computers, Materials & Continua</i>, vol. 66, no.2, pp. 1849–1865, Tech Science Press. <ul style="list-style-type: none"> • Indexed in SCI-E, WoS, Scopus • Impact Factor: 4.890 • Quartile: Q1 4. Khan R.A., et. al., (2020). Evaluating the impact of software security tactics: a design perspective. <i>Computers, Materials & Continua</i>, vol. 66, no. 3, pp. 2283–2299, Tech Science Press. 	

- Indexed in SCI-E, WoS, Scopus
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5. Khan R.A., et. al., (2020), Evaluating the Impact of Blockchain Models for Secure and Trustworthy Electronic Healthcare Records, *IEEE Access*, vol. 8, pp. 157959-157973, IEEE.
 - Indexed in SCI-E, WoS, Scopus
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 6. Khan R.A., et. al., (2020), Evaluating the Security Impact of Healthcare Web Applications through Fuzzy Based Hybrid Approach of Multi-Criteria Decision-Making Analysis, *IEEE Access*, Vol. 8, pp. 135770-135783, IEEE.
 - Indexed in SCI-E, WoS, Scopus
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 7. Khan R.A., et. al., (2020), Security Risk Assessment of Healthcare Web Application through Adaptive Neuro-Fuzzy Inference System: A Design Perspective, *Risk Management and Healthcare Policy*, Volume 13, pp. 355-371, Dove Press.
 - Indexed in SCI-E, WoS, Scopus
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 8. Khan R.A., et. al., (2020), A Hybrid Model of Hesitant Fuzzy Decision- Making Analysis for Estimating Usable- Security of Software, *IEEE Access*, Volume 8, Issue 4, pp. 72694-72712. IEEE.
 - Indexed in SCI-E, WoS, Scopus
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 9. Khan R.A., et. al., (2020), An Integrated Approach of Fuzzy Logic, AHP and TOPSIS for Estimating Usable-Security of Web Applications, *IEEE Access*, Volume 8, Issue 3, pp. 50944-50957. IEEE.
 - Indexed in SCI-E, WoS, Scopus
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 10. Khan R.A., et. al., (2020), A Knowledge Based Integrated System of Hesitant Fuzzy Set, AHP and TOPSIS for Evaluating Security-Durability of Web Applications, *IEEE Access*, Volume 8, Issue 2, pp. 48870-48885. IEEE.
 - Indexed in SCI-E, WoS, Scopus
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 11. Khan R.A., et. al., (2020), Attribute Based Honey Encryption Algorithm for Securing Big Data: Hadoop Distributed File System Perspective, *PeerJ Computer Science*, Feb 2020. PeerJ Inc.,
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 12. Khan R.A., et. al., (2020), Key Issues in Healthcare Data Integrity: Analysis and Recommendations, *IEEE Access*, Volume 8, Issue 1, pp. 40612-40628. IEEE.
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 13. Khan R.A., et. al., (2020), Evaluating Performance of Web Application Security through a Fuzzy based Hybrid Multi-Criteria Decision-Making Approach: Design Tactics Perspective, *IEEE Access*, Volume 8, 2020, pp. 25543-25556. IEEE.

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 15. Khan R.A., et. al., (2019), Security durability assessment through Fuzzy Analytic Hierarchy process, *PeerJ Computer Science*, PeerJ Inc., DOI: <https://doi.org/10.7717/peerj-cs.215>
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 16. Khan R.A., et. al., (2019), Measuring Security-Durability through Fuzzy Based Decision-Making Process, *International Journal of Computational Intelligence Systems*, Volume 12, Issue 2, pp. 627 – 642, Atlantis Press.
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 17. Khan R.A., et. al., (2019), Exploring and Analyzing the Dark Web: A New Alchemy, *First Monday*, Volume 24, Issue 5, DOI: <https://doi.org/10.5210/fm.v24i5.9473>.
 - Indexed in Scopus
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 18. Khan R.A., et. al., (2012), Mobile Phone Radiation Does Not Induce Oxidative Stress in the Rat Brain, *Journal of Neurochemistry*, Volume 123, Issue s1, pp. 64-65, Blackwell Publishing Inc.
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 19. Khan R.A., et. al., (2011), Evaluation of Cellular Phone utilization for Adolescent Diabetic Patient Care and Management: a Pilot Study, *Pediatric Diabetes*, Volume 12, Issue s15, pp. 82, Blackwell Publishing Inc.
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 21. Khan R.A., et. al., (2011), Frequency of the Forgetfulness among the Cellular Phone Users: A Risk Assessment, *Journal of Neurochemistry*, Volume 118, s1, pg55, Blackwell Publishing Inc.
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 22. Khan R.A., et. al., (2011), Neurobehavioral Effects in Mice through the Acute Exposure of Cellular Irradiation, *Journal of Neurochemistry*, Volume 115, s1, pg76, Blackwell Publishing Inc.
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23. Khan R.A., et. al., (2011), Prevalence of Headache among Extensive and Normal Cellular Phone Users, *Journal of Neurochemistry*, Special Issue, s2, Volume 110 Issue s2, pg228, Blackwell Publishing Inc.
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 27. Khan R.A., et. al., (2021). Integrity Assessment of Medical-Devices for Improving Security Performance. *Computers, Materials & Continua*, Tech Science Press. (Accepted).
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28. Khan R.A., et. al., (2021). A Multi-Perspective Benchmarking Framework for Estimating Usable-Security of Hospital Management System Software Based on Fuzzy Logic, ANP and TOPSIS Methods, *KSII Transactions on Internet and Information Systems*, vol. 15, no. 1, pp. 240-263, Korea Society for Internet Information.
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29. Khan R.A., et. al., (2021). Healthcare device security: insights and implications. *Intelligent Automation & Soft Computing*, vol. 27, no.2, pp. 409-424, Tech Science Press.
 - Indexed in SCI-E, WoS, Scopus
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30. Khan R.A., et. al., (2021). Atrocious impinging of covid-19 pandemic on software development industries, *Computer Systems Science and Engineering*, vol. 36, no.2, pp. 323-338, Tech Science Press.
 - Indexed in SCI-E, WoS, Scopus
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31. Khan R.A., et. al., (2021). Device security assessment of internet of healthcare things. *Intelligent Automation & Soft Computing*, vol. 27, no. 2, pp. 593-603, Tech Science Press. DOI: 10.32604/iasc.2021.015092.

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33. Khan R.A., et. al., (2020), Symmetrical Model of Smart Healthcare Data Management: A Cybernetics Perspective, *Symmetry*, 12 (12: 2089), pp. 1-18. Multidisciplinary Digital Publishing Institute (MDPI).
- Indexed in SCI-E, WoS, Scopus
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34. Khan R.A., et. al., (2020), Fuzzy Multi Criteria Decision Analysis Method for Assessing Security Design Tactics for Web Applications, *International Journal of Intelligent Engineering and Systems*, Vol.13, No.5, pp. 181-196, Intelligent Networks and Systems Society.
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35. Khan R.A., et. al., (2020), Security Issues in Fog Environment: A Systematic Literature Review, *International Journal of Wireless Information Networks*, Vol. 27, pp. 467–483, Springer.
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36. Khan R.A., et. al., (2020), A Hybrid Fuzzy Rule-Based Multi-Criteria Framework for Security Assessment of Medical Device Software, *International Journal of Intelligent Engineering and Systems*, Vol.13, No.5, pp. 51-62, Intelligent Networks and Systems Society.
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37. Khan R.A., et. al., (2020), Healthcare Data Breaches: Insights and Implications, *Healthcare*, 8 (133), pp. 1-18. Multidisciplinary Digital Publishing Institute (MDPI). DOI: 10.3390/healthcare8020133
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38. Khan R.A., et. al., (2020), Fuzzy-Based Symmetrical Multi-Criteria Decision-Making Procedure for Evaluating the Impact of Harmful Factors of Healthcare Information Security, *Symmetry*, 12 (664), pp. 1-23. Multidisciplinary Digital Publishing Institute (MDPI).
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39. Rajeev Kumar et. al., (2020), Software Security Estimation Using the Hybrid Fuzzy ANP-TOPSIS Approach: Design Tactics Perspective, *Symmetry*, 12 (4), pp. 1-21. Multidisciplinary Digital Publishing Institute (MDPI).
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40. Khan R.A., et. al., (2020), A wakeup Call to Data Integrity Invulnerability, *Computer Fraud & Security*, Volume 2020, Issue 4, pp. 14-19. Elsevier. Available at Thomson Reuters.
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41. Khan R.A., et. al., (2020), Evaluating Performance of Software Durability through an Integrated Fuzzy-Based Symmetrical Method of ANP and TOPSIS, *Symmetry*, 12(3), pp. 1-17. Multidisciplinary Digital Publishing Institute (MDPI).
 - Indexed in SCI-E, WoS, Scopus
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 - Quartile: Q2
42. Khan R.A., et. al., (2020), A Unified Fuzzy-Based Symmetrical Multi-Criteria Decision-Making Method for Evaluating Sustainable-Security of Web Applications, *Symmetry*, 12(3), pp. 1-23. Multidisciplinary Digital Publishing Institute (MDPI).
 - Indexed in SCI-E, WoS, Scopus
 - Impact Factor: 2.256 (JCR)
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43. Khan R.A., et. al., (2020), Ranking Potentially Harmful Tor Hidden Services: Illicit Drugs Perspective, *Applied Computing and Informatics*, DOI: <https://doi.org/10.1016/j.aci.2020.02.003>. Elsevier.
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44. Khan R.A., et. al., (2019), RSA based Encryption Approach for Preserving Confidentiality of Big Data, *Journal of King Saud University-Computer and Information Sciences*, pp. 1-9, (Article in Press) October-2019, Elsevier.
 - Indexed in E-SCI, WoS, Scopus
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45. Khan R.A., et. al., (2019), Source Code Perspective Framework to Produce Secure Web Application, *Computer Fraud & Security*, Elsevier. Available at Thomson Reuters, October 2019.
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46. Khan R.A., et. al., (2019), Multi-level Fuzzy System for Usable-Security Assessment, *Journal of King Saud University-Computer and Information Sciences*, pp. 1-9, (Article in Press) April-2019, Elsevier.
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47. Khan R.A., et. al., (2014), Security Assessment Framework: Complexity Perspective, *Computer Fraud & Security*, Volume 2014, Issue 7, pp. 13-17, Elsevier.
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48. Khan R.A., (2011), Secure Software Development Process: A Prescriptive Framework, *Computer Fraud & Security*, Volume 2011, Issue 8, pp. 12-20, Elsevier.
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49. Khan R.A., et. al., (2009), From Threat to Security Indexing: A Causal Chain, *Computer Fraud & Security*, Volume 2009, Issue 4, pp. 9-12, Elsevier.
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51. Khan R.A., et. al., (2021). Managing Software Security Risks through an Integrated Computational Method. *Intelligent Automation & Soft Computing*, Tech Science Press. (Accepted).
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52. Khan R.A., et. al., (2021). An Ensemble Approach to Detect Firearm Listing for Identification of Key Vendors on the Dark Web Cryptomarkets, *Computer Systems Science and Engineering*, Tech Science Press. (Accepted).
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53. Khan R.A., et. al., (2021). P-STORE: Extension of STORE Methodology to Elicit Privacy Requirements, *Arabian Journal for Science and Engineering*, Springer. (Accepted).
- Indexed in SCI-E, WoS, Scopus
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54. Khan R.A., et. al., (2021). Impact of COVID-19 Pandemic: A Cybersecurity Perspective. *Intelligent Automation & Soft Computing*, Tech Science Press. (Accepted).
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55. Khan R.A., et. al., (2021). Impact of Tools and Techniques for Securing Consultancy Services. *Computer Systems Science and Engineering*, Tech Science Press. (Accepted).
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56. Khan R.A., et. al., (2021), “Quantitative Analysis of Software Security through Fuzzy PROMETHEE-II Methodology: Design Perspective,” *International Journal of Mathematical Sciences and Computing*. (Accepted).
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58. Khan R.A., et. al., (2020), A Framework for Producing Effective and Efficient Secure Code through Malware Analysis, *International Journal of Advanced Computer Science and Applications*, Vol. 11, Issue 2, pp. 497-503, The Science and Information (SAI) Organization Limited.
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- 62. Khan R.A., et. al., (2014), Modeling and Quantifying the Security Attribute Confidentiality at Design Stage: An OO Software Perspective, *Pensee Journal*, Volume 76, No. 4, pp. 1-18, Espaces Marx.
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- 63. Khan R.A., et. al., (2014), Assessing Impact of Cohesion on Security- An Object Oriented Design Perspective, *Pensee Journal*, Vol 76, No. 2, pp. 144-155, Espaces Marx.
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- 64. Khan R.A., et. al., (2014), Statistical Analysis of Metrics & Models for OO design -Complexity Perspective, *Pensee Journal*, Vol. 76, No. 4, pp. 267-276, Espaces Marx.
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- 65. Khan R.A., et. al., (2014), A Statistical Analysis on OO Design-Complexity Perspective, *Pensee Journal*, Vol. 76, No. 4, Espaces Marx.
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74. Khan R.A., et. al., (2018), Attribute based Honey Encryption for Data Security, *Journal of Advanced Research in Dynamical and Control Systems*, Vol. 10, 14-Special Issue, pp. 1800-1807.
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76. Khan R.A., et. al., (2018), Security Challenges and Precautionary Measures: Big Data Perspective, *ICIC Express Letters-An International Journal of Research and Surveys*, Volume 12, Number 9, pp. 947-954.
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- 84. Khan R.A., et. al., (2018), Major Software Security Risks at Design Phase, *ICIC Express Letters*, Volume 12, No.11, pp. 1804-1809.
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 - Quartile: Q3

Authored Books

- **Software Engineering: A Practitioners Approach, Khan R A**, Agrawal A, Narosa Publication, ISBN: 978-81-8487-381-8, http://www.narosa.com/computer_science.asp (Also published by its Int. Associate, Alpha Science, **Oxford UK**: http://www.alphasci.com/books_display.asp?title=1-84265-909-0)
- **Software Quality: Concepts and Practices, Khan R A**, Mustafa K and Ahson S I, Narosa Publication, ISBN: 978-81-7319-722-2, http://www.narosa.com/computer_science.asp (Also published by its Int. Associate, Alpha Science, **Oxford UK**: http://www.alphasci.com/books_display.asp?title=1-84265-305-9)
- **Software Testing: Concepts and Practices**, Mustafa K & **Khan R A**, Narosa Publication, ISBN: 1-84265-367-9, http://www.narosa.com/computer_science.asp (Also published by its Int. Associate, Alpha Science, **Oxford UK**: http://www.alphasci.com/books_display.asp?title=1-84265-367-9)

[also translated into **Chinese Language** by Science publication, sciencep.com.]

Edited Books

- **Limitations and Future Applications of Quantum Cryptography.** Kumar, N., Agrawal, A., Chaurasia, B. K., & **Khan, R. A.** (2021). IGI Global. <http://doi:10.4018/978-1-7998-6677-0>

Patents

Status	Inventors	Title and Award/Application no.
National Patents		
Published	Khan R.A., et. al.,	Managing Software Security Risk: Design Perspective (Patent Number: 1781/DEL/2015) FER on Jan 12, 2021.

Published	Khan R.A., et. al.,	A Framework for Automatic Speaker Recognition Using MFCC & Prosodic Feature Extraction (Patent Number: 1706/DEL/2015)
Published	Khan R.A., et. al.,	An Agile based Approach to Validate Security Metric Suite (Patent Number: 1756/DEL/2015)
Published	Khan R.A., et. al.,	A Framework to Software Security Usability Trade-off (Patent Number: 1782/DEL/2015)
Published	Khan R.A., et. al.,	Design of an IoT based Alert Network for Rainfall Disaster Management (Patent Number: 201711028829)
Published	Khan R.A., et. al.,	Security Durability Assessment Framework (Patent Number: 201711032601)
Published	Khan R.A., et. al.,	Flood Avoidance Mechanism for Smart Cities using Plain Modeling and Cellular Pipelining (Patent Number: 201911010562)
Published	Khan R.A., et. al.,	A Quality Evaluation Model for Anti-Phishing Tool (Patent Number: 201911019604)
International Patents		
Filed	Khan R.A., et. al.,	Bigdata Analysis for Smart Hospital Management System Using Blockchain (Australian Patent Number: 2021100554)
Filed	Khan R.A., et. al.,	A Security Management System for Digital Healthcare Information Management Field and Its Method Thereof (Australian Patent Number: 2021100559)

Research Supervision

	Completed	Ongoing
PG/M.Phil	More than 250	More than 15
Ph.D	19	06
Post-Doctoral	01	00

Honors, Recognition and Awards

- National Scholarship.

Membership of Professional Bodies

- Editorial Board of Journal of Information Technology Journal, Journal of Applied Sciences, Journal of Software Engineering, Research Journal of Information Technology, International Journal of Computing Science & Communication Technologies
- Lifetime Member of CSI Journal
- Professional Member of Journal of ACM
- Member of Developer IQ, Software Technology Magazine
- Reviewer of the Book Manuscript, Narosa Publication
- Member of Board of Management, BB Ambedkar University(A Central University), Lucknow UP-India(expired)
- Member of Planning Board, BB Ambedkar University(A Central University), Lucknow UP-India(expired)
- Member of Academic Council, BB Ambedkar University(A Central University), Lucknow UP-India

- Member of School Board Committee, School for Information Science & Technology, BB Ambedkar University(A Central University), Lucknow UP-India
- Member of Board of Studies, National PG College, Lucknow
- Chairman, Board of Post Graduate Studies, Dept. of Information Technology, BB Ambedkar University(A Central University), Lucknow UP-India
- Chairman, Departmental Research Committee, Dept. of Information Technology, BB Ambedkar University(A Central University), Lucknow UP-India
- Member of Computer Specification Technical Committee, BB Ambedkar University(A Central University), Lucknow UP-India

Seminar/Conference/Symposia /Workshops Organised

Director	:	National Symposium on Environment and Society on November 20, 2019.
Director	:	Two Weeks Faculty Development Program on Ensuring Excellence in in Teaching/Learning/ Research in Higher Educational Institutions using ICT ID) from December 22, 2018 to January 06, 2019.
Director	:	Two weeks Training course on Cyber Security from February 1, 2018 to February 15, 2018.
Convener	:	Three Weeks Research Methodology Course (RMC-2017) during 5 th January to 28 th January 2017.
Director	:	Two Days Workshop on Choice Based Credit System and Outcome Based Teaching and Learning, during 30 th - 31 st Marsh 2016.
Director	:	National Conference on Information Security Challenges (NCISC-2016) on 24 th February 2016.
Director	:	One week Workshop on Ethical Hacking & Information Security and Digital India Week Celebration during 6 th -12 th August 2015.
Convener	:	International Conference on Emerging Trends in Information Technology during 23-24 th March 2015
Director	:	Two Days Workshop on Rapid Application Development Using Oracle IDS during 30-31 October, 2014
Director	:	One Week Workshop on Research Methods in Information Technology during 22-28 September, 2014
Convener	:	National Conference on Information Security, On 28 th March 2014.

Countries Visited

*

Invited Lectures/Talks/Chair/Co-Chair in Seminar/Conference/Symposia /Workshops

*

Additional Information (If Any)

ADMINISTRATIVE DUTIES/ASSIGNMENTS

- Dean, School for Information Science and Technology, Babasaheb Bhimrao Ambedkar University, Lucknow
- Director, University Institute of Engineering and Technology, BBAU Lucknow
- Head (Founder), Department of Information Technology, Babasaheb Bhimrao Ambedkar University (A Central University), Lucknow, UP –December 2006 to continue.
- Director, Computer Center, Babasaheb Bhimrao Ambedkar University, Lucknow.
- Director, Start-UP Center, Babasaheb Bhimrao Ambedkar University, Lucknow.
- Nodal Officer, BBAU-ERP
- Nodal Officer, BBAU-MHRD Wi-Fi Project, Govt of India
- Nodal Officer, BBAU-AISHE, Govt of India
- Nodal Officer, BBAU-Central University Portal, Govt of India
- Nodal Officer, BBAU-NIRF, Govt of India
- Nodal Officer, BBAU-PFMS, Govt of India
- Nodal Officer, BBAU-Skill Development Programme, Govt of India
- Co-Ordinator, Online Entrance Test (2016-17) Babasaheb Bhimrao Ambedkar University, Lucknow.
- Co-Ordinator, Online Entrance Test (2017-18) Babasaheb Bhimrao Ambedkar University, Lucknow.
- Co-Ordinator, Online Entrance Test (2018-19) Babasaheb Bhimrao Ambedkar University, Lucknow.
- Co-Ordinator, Online and Offline Entrance Test (2019-20), Babasaheb Bhimrao Ambedkar University, Lucknow.
- Assistant Dean Student Welfare (A-DSW), Babasaheb Bhimrao Ambedkar University (A Central University), Lucknow, UP during 2013-2015.
- Deputy Centre Superintendent, University Entrance Test, Babasaheb Bhimrao Ambedkar University (A Central University), Lucknow, UP during Academic Session of year 2012-13.
- Deputy Centre Superintendent, University Entrance Test, Babasaheb Bhimrao Ambedkar University (A Central University), Lucknow, UP during Academic Session of year 2011-12.
- Centre Superintendent, Semester Examinations, Babasaheb Bhimrao Ambedkar University (A Central University), Lucknow, UP during Academic Session of year 2007-08.
- Incharge Departmental library, Department of Computer Science, Jamia Millia Islamia, New Delhi.
- Coordinator Extension Lectures, Department of Computer Science, Jamia Millia Islamia, New Delhi.
- Coordinator Embedded Systems Lab, Department of Computer Science, Jamia Millia Islamia, New Delhi.

- Coordinator Computing Lab, Department of Computer Science, Jamia Millia Islamia, New Delhi.

CURRICULUM DESIGN/ PROPOSALS

- Designed 2 Years M. Sc. (Cyber Security) Course for the Department of Information Technology, Babasaheb Bhimrao Ambedkar University (A Central University) Lucknow.
- Designed 2 Years M. Sc. (Information Security) Course for the Department of Information Technology, Babasaheb Bhimrao Ambedkar University (A Central University) Lucknow.
- Designed 2 Years M. Tech. (Software Engineering) Course for the Department of Information Technology, Babasaheb Bhimrao Ambedkar University (A Central University) Lucknow.
- Designed MOOCs Proposal for Babasaheb Bhimrao Ambedkar University (A Central University) Lucknow.
- Designed Rashtriye Avishkar Abhiyan Proposal for Babasaheb Bhimrao Ambedkar University (A Central University) Lucknow.
- Designed International Summer and Winter Term (ISWT) Proposal for Babasaheb Bhimrao Ambedkar University (A Central University) Lucknow.
- Designed Proposals for Centres of Excellence for Science and Mathematics Education (CESME) for Babasaheb Bhimrao Ambedkar University (A Central University) Lucknow.
- Designed 2 Years M. Sc. (IT) Course for the Department of Information Technology, Babasaheb Bhimrao Ambedkar University (A Central University) Lucknow, 2007-8.
- XI-Plan Document for the Department of Information Technology, BB Ambedkar University (A Central Govt. University), Lucknow UP-India, 2007-8.
- Designed a course curriculum for 5 Years Integrated M. Sc. (Computer Science & Mathematics) in Jamia Millia Islamia, 2006-2007.
- Designed XIth Plan proposal for the Department of Computer Science, Jamia Millia Islamia (A Central University) New Delhi-India, 2006-2007.

MY BOOKS RECOMMENDED AS A TEXTBOOKS(S)/READINGS

My Book: Software Quality: Concepts and Practice, Alpha Science, Oxford UK, 2006.

Included as a Text Book at the following Universities/Institutions:

1. American University, College of Arts and Sciences, Department of Computer Science, Semester: Fall 2011, Course Number: CSC493.001, Title: Computer Science Capstone Project, Instructor: Dr. Mehdi Owrang, Office Location: SCAN (Sports Center Annex) Room 162, e-mail Address(es): OWRANG at AMERICAN.EDU.
2. Himachal Pradesh University, Master of Technology in Computer Science, Course Name: M. Tech. (Computer Science), Effective from 2010, Paper Code and Title: MT-205 Software Quality and Testing.
3. University of Sargodha, Department of Computer Science & Information Technology, Course Name: M.Sc. in Information Technology Program, Paper Code and Title: SE 493 - Software Quality Assurance

4. Tamil Nadu Open University, Post Graduate Diploma in Software Quality Management – PGDSM, PGDSM 05: Software Testing.
5. Universitatea Babeş-Bolyai Cluj-Napoca, Facultatea de Matematică și Informatică, Ciclul de studii: Masterat, Domeniul: Informatica, Programul de studii: Modelare și simulare - în limba engleză, Limba de predare: Engleză; C1: Introduction: basic concepts of software qualities; C2: Typical errors in software development; relation between software quality and life cycle.

My Book: Software Testing: Concepts and Practice, Alpha Science Oxford UK, 2008.

Included as a Text Book at the following Universities/Institutions:

1. Veer Narmad South Gujarat University, Surat, Master of Science (Information & Communication Technology), Effective from July 2010.

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