

CURRICULUM VITAE

Name: Danish Ali Khan

Father's Name: Usman Ali Khan

Present Position: Professor

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Date of Birth: 16/04/1964

**Present Address: United Apartment, First Floor, Flat No. 1
Holding No. 2, Dhatkidih Garaj Area
Jamshedpur, Pin Code: 831001**



Educational Qualification:

S. No.	Degree	Board/University	Year	Percentage
1.	Ph.D	NIT Jamshedpur (RIT, Under Ranchi University)	2004	
2.	MCA	NIT Jamshedpur (RIT, Under Ranchi University)	1992	7.63 CGPA
3.	M. Sc.	Ranchi University	1989	70.12%

Ph. D Thesis Topic: Some JELS Inventory Models for One Vendor-Multi Customer Situations

MCA Thesis Topic: Product Category and Equipment-wise Stoppage Hours Analysis of All Plants.

Research Interests: Software Engineering, Supply Chain Management, Computer Applications

Research Awards/Fellowships Received:

Research Publications (With Full Details):

International Refreed SCI/Scopus Journals:

1. Sumit Kumar, Dilip Kumar Yadav, **Danish Ali Khan**” A novel approach to automate test data generation for data flow testing based on Hybrid Adaptive PSO-GA Algorithm” International Journal of Advanced Intelligence Paradigms, Vol. , pp. , 2017. **Publisher: Inderscience. (SCOPUS).**
2. Sumit Kumar, Dilip Kumar Yadav, Danish Ali Khan “An accelerating PSO algorithm based test data generator for data-flow dependencies using dominance concepts” International Journal of system assurance engineering and management, 2017. **Publisher: Springer (SCOPUS).**
3. Susmita Mahato, D. A. Khan, D. K. Yadav “A minesweeper game-based steganography scheme”, Journal of Information Security and Applications, Vol. 32, pp. 1, 2017 . **Publisher: Elsevier (SCOPUS)**
4. Susmita Mahato, D. A. Khan, D. K. Yadav, , “A Modified Approach to Data Hiding in Microsoft Word Documents by Change-Tracking Technique”, Journal of King Saud University – Computer and Information Sciences, Vol. 32, pp. 1, 2017. Publisher: Elsevier (SCOPUS)
5. Susmita Mahato, D. A. Khan, D. K. Yadav, “A personal characters to bits mapping using Dot Pattern Character Encoding Scheme”, Journal of King Saud University – Computer and Information Sciences”, Vol. 32, pp. 1, 2017. Publisher: Elsevier (SCOPUS)
6. Mandal, S. and Khan, D.A., “Theory and methodology for the JELS model in one-vendor, multi-customer situations when costs are fuzzy and lot sizes deterministic”, International Journal of Management Science and Engineering Management, 8(3), pp.210-218, 2013. Publisher: Taylor & Francis (Scopus)
7. Dilip Kumar Shaw, Akhileswar Mishra, Danish Ali Khan, “An integrated inventory model for single vendor multi customer scenario with multiple shipments in a supply chain”, International Journal of Management Science and Engineering Management, Vol. 7(2), pp. 140-146, 2013. Publisher: Taylor & Francis (Scopus)
8. DK Shaw, A Mishra, DA Khan, “Replenishment policy for one vendor multi-customer scenario using hierarchical distribution model with backorder”, International Journal of Management Science and Engineering Management, Vol. 8(1), pp. 15-23, 2013. Publisher: Taylor & Francis (Scopus)
9. Sumit Kumar, Dilip Kumar Yadav, Danish Ali Khan” An Adaptive PSO Algorithm Based Test Data Generator for Data-Flow Dependencies using Dominance Concepts” International journal of software engineering and its applications, Vol. 10, No. 11, pp. 59-82 ,2016. (SCOPUS).
10. S Mandal, DA Khan, “Integrated inventory model with uniform demand for one vendor one customer”, International Journal of Business Performance and Supply Chain Modelling, Vol. 7(1), pp. 36-52, 2015. Publisher: Inderscience

11. S Mandal, DA Khan, "Integrated model in one vendor-one customer situation when costs are fuzzy and lot sizes are deterministic" International Journal of Logistics Systems and Management, Vol. 18 (1), pp. 49-71, 2014. Publisher: Inderscience
12. DK Shaw, DA Khan, A Mishra "Optimal inventory policies of facilities in a supply chain system under fuzzy stochastic environment", International Journal of Business Performance and Supply Chain Modelling, Vol. 4(2), pp. 111-125, 2012. Publisher: Inderscience
13. DK Shaw, A Mishra, DA Khan, "An integrated inventory model for vendor-customer coordination in a supply chain", International Journal of Business Performance and Supply Chain Modelling, Vol. 3(2), pp. 181-194, 2011. Publisher: Inderscience
14. Sumit Kumar, Dilip Kumar Yadav, Danish Ali Khan" Artificial Bee Colony based Test Data Generation for Data-Flow Testing" Indian journal of science and Technology, ISSN: 0974-6846 Vol 9(39), October 2016. (SCOPUS).
15. Sumit Kumar, Dilip Kumar Yadav, Danish Ali Khan, Sapna Varshney ," A Complete Study of Automatic Test Data Generation for Data Flow Testing using GA, PSO & BPSO" International Journal of Applied Engineering Research, ISSN 0973-4562 Vol. 10 No.55 (2015). (SCOPUS)
16. AK Marandi, DA Khan., "An Approach of Statistical Methods for Improve Software Quality and Cost Minimization", International Journal of Applied Engineering Research 12 (6), 1054-1061, 2017. (Scopus)
17. AK Marandi, DA Khan., "A formal analysis of Statistical Method to improving Software Quality Cost Control based on Weyuker's Properties", International Journal of Control Theory and Applications 10 (19), 203-211, 2017. (Scopus)
18. AK Marandi, DA Khan., "Software Quality Improvement and Cost Estimation using Fuzzy Logic Technique", International Journal of Applied Engineering Research 12 (16), 5433-5440, 2017. (Scopus)

Paper Published in National/International Journals:

1. Dilip Kumar Shaw, Danish Ali Khan : A Multi-criterion Heuristic Optimization for Demand Allocation and Transportation Problems using GA and AHP - International Journal of Industrial Engineering and Technology ISSN : 0974-3146 vol:4 issue:1 pp: 11-27 (2012)
2. Dilip Kumar Shaw, Danish Ali Khan : An integrated inventory model for vendor - customer coordination in a supply chain - Int. J. Business Performance and Supply Chain Modelling vol:3 issue:2 pp:181-194 (2011)

3. Mishra.A, Dilip Kumar Shaw, Danish Ali Khan : Supply Chain Planning Problem under Uncertainty with the Help of Robust Solutions and Risk Measures - International Journal of Manufacturing Technology & Management ISSN : 09746692 vol:4 issue:3 pp:10-17 (2010)
4. Danish Ali Khan : A JELS probabilistic Inventory model with random demand having uniform distribution in a one vendor and multi customer situation - AMSE Modeling Measurement & Control vol:30 issue:1 (2009)
5. U.C. Ray, G. Panda, Danish Ali Khan : A JELS probabilistic Inventory model with random demand having truncated normal distribution in a one vendor- one customer situation - AMSE Modeling vol:28 issue:1-2 (2007)
6. G.Panda, U.C. Ray, Danish Ali Khan : A JELS Stochastic Inventory model with random demand - Stochastic Programming E Print Series(2006)
7. G.Panda, U.C. Ray, Danish Ali Khan : A JELS models under different demand rates in different cycles - AMSE modeling Measurement & Control vol:22 issue:3,4 pp:47-56 (2001)
8. Danish Ali Khan, Arun Kumar Marandi : Aanalytical Phase wise Analysis of Defect Removal Effectiveness to Enhancing the Software Quality - ICQM 2014, International Proceedings of Economics Development and Research, NIT Raipur, India.
9. Danish Ali Khan, Sraboni Mandal : A JELS Probabilistic Inventory Model for One Vendor Multi Customers situation with Random demands having Weibull Distribution - International Journal of Scientific & Engineering Research (IJSER) ISSN : 2229-5518 vol:3 issue:8

National Conferences:

International Conferences:

1. Sumit Kumar, Dilip Kumar Yadav, Danish Ali Khan “Data Flow Based Test Data Generation Using Genetic Algorithm”, International Conference on Reliability, Infocom Technologies and Optimization (ICRITO 2013) at AMITY Noida UP India.
2. Sumit Kumar, Dilip Kumar Yadav, Danish Ali Khan, Anurag Srivastava “A Tool to Generate All DU Paths Automatically” International Conference on “Computing for Sustainable Global Development”, 11th – 13th March, 2015 Bharati Vidyapeeth’s Institute of Computer Applications and Management (BVICAM), New Delhi (INDIA)
3. AK Marandi, DA Khan, “Analytical Phase wise Analysis of Defect Removal Effectiveness to Enhancing the Software Quality” International Proceedings of Economics Development and Research 75, 40, 2014.

4. AK Marandi, DA Khan, "An Impact of Linear Regression Models for Improving the Software Quality with Estimated Cost", *Procedia Computer Science* 54, 335-342, Scienencedirect, 2015. (Scopus Indexed)
5. AK Marandi, DA Khan, "Statistical analysis of defect removal effectiveness to improve the software quality and reducing the estimated cost", *Computing for Sustainable Global Development (INDIACom)*, 2015. (Scopus Indexed)
6. Dindayal Mahto, Danish Ali Khan, and Dilip Kumar Yadav, "Security Analysis of Elliptic Curve Cryptography and RSA." In *Proc. of the World Congress on Engineering, IAENG-Lecture Notes in Engineering and Computer Science*, vol. 1. pp. 419- 422, London, U.K., June 29 - July 1, 2016. (Scopus Indexed)
7. Susmita Mahato, D. K. Yadav, D. A. Khan, "A Modified Approach to Text Steganography using HyperText Markup Language", 2012 Third International Conference on Advanced Computing & Communication Technologies, Rohtak, Hariyana (IEEE)
8. Susmita Mahato, D. K. Yadav, D. A. Khan, "A Novel Approach to Text Steganography Using Font Size of Invisible Space Characters in Microsoft Word Document", *Intelligent Computing, Networking, and Informatics, Advances in Intelligent Systems and Computing* 243, DOI: 10.1007/978-81-322-1665-0_107, Springer India 2014
9. Susmita Mahato, D. K. Yadav, D. A. Khan, "A Novel Approach to Text Steganography Using Devanagari script features", *ICRTCST-2017 at RVS College of Engineering and Technology, Jamshedpur*, 2017.
10. Sraboni Mandal et al.(2010), "A flexible Plat-Form For Multi-Level Decision Making Problems Using Fuzzy Set Theory" University of Rajasthan, Jaipur

Conference/Workshop Organized:

Ph. D. Supervised (With Full Details):

1. **Mr. Dilip Kumar Shaw**

PhD Status: Awarded

Thesis Title: Study and Design of Integrated Vendor-Customer Models for Supply Chain System

Year: 2012

2. **Ms. Sraboni Mondal**

PhD Status: Awarded

Thesis Title: Joint Economic Lot Size (JELS) Model for Vendor & Customer Relation in Different Situations

Year: 2012

3. **Mr. Tej Narain Verma**
PhD Status: Awarded
Thesis Title: Role and Applications of Information Technology in Supply Chain Management for Curbing e-Risk
Year: 2017
4. **Mr. Sumit Kumar**
PhD Status: Awarded
Thesis Title: Automatic Test Data Generation Using Evolutionary Algorithms
Year: 2017
5. **Mr. Arun Kumar Marandi**
PhD Status: Awarded
Thesis Title: Design Methodology for Software Quality Improvement and Cost Reduction
Year: 2017
6. **Mrs. Susmita Mahato**
PhD Status: Thesis Submitted
Thesis Title: Modelling of Reliable Data Communication using Information hiding techniques
Year: 2017
7. **Mr. Debasis Kumar**
PhD Status: Thesis Submitted
Thesis Title: Integrated Inventory Model for Buyer-Vendor under the Different Situations
Year: 2018

Teaching Experience:

Position Held	Institution	From	To	Nature of Job
Associate Professor	NIT Jamshedpur	09-02-2004	Till Date	Teaching and Research
Lecturer	NIT Jamshedpur	25-02-1997	08-11-2004	Teaching and Research

Industry Experience:

Customer Engineer	The National Radio & Electronics Co. Ltd.	04-01-1993	08-08-1995	Software Development, Training and Support
Executive Customer Support	NELITO Systems Ltd	09-08-1995	24-02-1997	Software Development, Training and Support

Awards, Honours & Recognitions:

Reviewer of International Journals and Books:

1. **AMSE Journal France**
2. **Software Testing: Principles and Practices, Book, Publisher: Oxford**

Member of Professional Academic Bodies:

Life Member of Indian Society for Technical Education, (No-LM28776 dated 26-06-2000)

Life Member of IAENG