

CURRICULUM VITAE

Name : **Dr. Dilip Kumar Shaw**
Date of Birth : 25-07-1966
Designation : **Associate Professor**
Department/Center : Department of Computer Applications
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Objective

Use my best teaching skill and experience for the better development of the students and academic growth of the institute.

Educational Qualification:

1. Ph. D., 2014 from National Institute of Technology, Jamshedpur.
2. MCA, 1992 from Center for Computer Applications, RIT, Jamshedpur.
3. B.Sc. (Hons), 1989 from Ranchi University, Ranchi.

Experience:

1. Teaching : 23 years
2. Industry : 2 years

Strengths:

- Ambitious and Result oriented.
- Ability to work under any situation.
- Positive Thinking and easily adaptable to any kind of environment.

Membership of Professional Societies:

Life member of I.S.T.E., Membership No. LM28777 dated 20-06-2000.

Current Research Interest:

Information Security, Supply Chain Management, Network Optimization.

Publications: Published more than twenty papers in National and International Journals.

Project and Thesis (Dissertation) Supervision: B Tech / MCA/ M.Tech Completed
Supervised more than 125 students

Papers published in International Journals

- [1]. **Shaw, D.K.**, Mishra, A., Khan, D.A. and Santha, K.V., “Supply Chain Planning Problem under Uncertainty with the Help of Robust Solutions and Risk Measures”, *International Journal of Manufacturing Technology & Management (ISSN: 0974-6692)*, Vol. 4, No. 3, pp. 10-17, 2010
- [2]. **Shaw, D.K.**, Mishra, A. and Khan, D.A. (2011). “An integrated inventory model for vendor-customer coordination in a supply chain”, *Int. J. Business Performance and Supply Chain Modelling*, Vol. 3, No. 2, pp.181–194.
- [3]. **Shaw, D.K.** and Khan, D.A. (2012). “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, No. 1, pp. 11-27.
- [4]. **Shaw, D.K.**, Mishra, A. and Khan, D.A. (2012). “An Integrated Inventory Model for One Vendor Multi Customer Scenario with Multiple Shipment in a Supply Chain”, *International Journal of Management Science and Engineering Management (ISSN: 1750-9653)*, Vol. 7, No. 2, pp. 140-146.
- [5]. **Shaw, D.K.** and Khan, D.A. (2012). “Optimal inventory policies of facilities in a supply chain system under fuzzy stochastic environment”, *Int. J. Business Performance and Supply Chain Modelling*, Vol. 4, No. 2, pp. 111-125.
- [6]. **Shaw, D.K.**, Mishra, A. and Khan, D.A. (2013). “Replenishment Policy for One Vendor Multi Customer Scenario using Hierarchical Distribution Model with Backorder (HDB)”, *International Journal of Management Science and Engineering Management*, Vol.8, No. 1, pp. 15-23.
- [7]. K.K. Ray, R.K. Tiwari and **D.K. Shaw**, “Medical Cloud Computing in Rural Area”, *International Journal of Computer Engineering and Applications*, Vol. 4, pp. 39-47, 2014.
- [8]. S. Kumar and **D.K. Shaw**, “Chaos based Encryption Mechanism for Wireless Local Network Authentication”, *International Journal of Applied Engineering Research*, Vol. 10, No. 15, pp. 35147-35152, 2015.
- [9]. S. Kumar, M. Singh and **D.K. Shaw**, “Comparative Analysis of Various Edge Detection Techniques in Biometric Application”, *International Journal of Engineering and Technology*, Vol. 8, No. 6, pp. 2452-2459, 2016.
- [10]. Ranjeet Kumar Singh and **Dilip Kumar Shaw**, “Experimental Analysis of DWT based Digital Image Watermarking”, *International journal of control theory and applications*, (ISSN: 0974-5572), Vol. 10, No. 15, pp. 25-37, January 2017.
- [11]. Pushpi Rani and **Dilip Kumar Shaw**, “Knowledge based Traffic Control Method for Guiding the Multiple Intersections at Urban Traffic Network”, *International journal of control theory and applications*, (ISSN: 0974-5572), Vol. 9, No. 41, pp. 881-887, April 2017.
- [12]. Ranjeet Kumar Singh, **Dilip Kumar Shaw** and Jayakrushna Sahoo, “A secure and robust block based DWT-SVD image watermarking approach”, *Journal of Information & Optimization Sciences*, Vol. 38, No. 6, pp. 911-925, October 2017.
- [13]. S. Kumar, S. Paul and **D.K. Shaw**, “IRIS based Authentication Scheme in WLAN using Logistic Map with MAC”, *International Journal of Engineering and Technology*, Vol. 9, No. 2, pp. 324-334, DOI: 10.21817/ijet/2017/v9i1/170902309, April-May 2017
- [14]. Ranjeet Kumar Singh and **Dilip Kumar Shaw**, “A Hybrid Concept of Cryptography and Dual Watermarking (LSB_DCT) for Data Security”, *International Journal of Information Security and Privacy*, Vol. 12, No. 1, pp. 1-12, January-March 2018.
- [15]. S. Kumar, S. Paul and **D.K. Shaw**, “Design and Modeling of Real Time Multimodal Biometric Authentication System”, *Journal of Computer Science*, DOI: 10.3844/jcssp.2017, September 2017

- [16]. R. K. Singh, **D. K. Shaw**, S. K. Jha, M. Kumar, “A DWT-SVD Based Multiple Watermarking Scheme for Image Based Data Security”, *Journal of Information & Optimization Sciences*, Vol. 38, No. 6, pp. 911–925, 2018, DOI :10.1080/02522667.2017.1372137, Taylor and Francis Publications.

International Conference Papers

- [1]. R. K. Singh, **D.K. Shaw**, Md. Javed Alam, “Experimental Studies of LSB Watermarking with Different Noise”, Eleventh International Multi-Conference on Information Processing-2015 (IMCIP-2015), Bangalore, 21/08/2015 to 23/08/2015
- [2]. R. K. Singh, **D. K. Shaw**, “Experimental Analysis of Impact of Noise on Various Edge Detection Techniques” Proceedings of the World Congress on Engineering 2016, Vol. 1, WCE 2016. June 29 - July 1, 2016, London, U.K.
- [3]. Pushpi Rani, **D.K. Shaw**, “Fuzzy A* Algorithm for Traffic Navigation System under Uncertain Environment” 2nd International Conference on Recent Trends in Computer Science & Technology, RVSCET, Jamshedpur, 20th – 21st April 2017.
- [4]. P.K. Badusha, **D.K. Shaw**, “A Study on Security Threats in NDN Architecture” 2nd International Conference on Recent Trends in Computer Science & Technology, RVSCET, Jamshedpur, 20th – 21st April 2017

Book Published

- [1] Dilip Kumar Shaw, “Mitigating Attacks in NDN Architecture using Watermarking Techniques”, ISBN: 978-613-9-82469-4, Lambert Academic Publishing, Mauritius, 2018.
- [2] Dilip Kumar Shaw, “Analysis of Algorithms for Graph Pattern Matching Problems”, ISBN: 978-613-9-83663-5, Lambert Academic Publishing, Mauritius, 2018.
- [3] Dilip Kumar Shaw, “Hybrid Data Mining Approach for Text Classification” ISBN: 978-613-9-85030-3, Lambert Academic Publishing, Mauritius, 2018.

Book Chapter Published

- [1] Dilip Kumar Shaw & Shilpi Shaw, Advances in Computer Science, Volume – I, Chapter 7, “Social Analytics with Text Mining”, ISBN: 978-93-88112-94-9, AkiNik Publication, New Delhi, 2018.

Declaration

I, hereby, declare that all the information furnished above is true, complete and correct to the best of my knowledge and belief.

Place :- NIT Jamshedpur
Date :-

Signature

(Dilip Kumar Shaw)