



Dr. JASVANT KUMAR

Curriculum Vitae

Current Status

- Working as Assistant Professor(Contract) in Department of Computer Science and Engineering at institute of Engineering and Technology, NH-24, Sitapur Road, Lucknow, Uttar Pradesh since August 31, 2021

Area of Research

- Visual cryptography, Information security, Steganography and Digital image watermarking

Subjects of Interest

- Cryptography, Computer Networks, Operating System, Parallel Processing, Digital Image Processing, Theory of Automata and Formal Languages and Discrete Mathematics

Education

- 1994–1996 **High School**, *Santosh Kumar Inter College*, Behandar Kalan Hardoi, First (64.50%).
Affiliated to U.P. Board
- 1996–1998 **Intermediate**, *Santosh Kumar Inter College*, Behandar Kalan Hardoi, First (60.00%).
Affiliated to U.P. Board
- 2001–2005 **B.Tech(CSE)**, *Integral Institute of Technology*, Lucknow, First (63.38%).
Affiliated to U.P.T.U.
- 2011–2014 **M.Tech(CSE)**, *Integral University*, Lucknow, First (74.6%).
- 2014–2019 **Ph.D.(CS)**, *University of Lucknow*, Lucknow.

Master thesis

116 – Village-Karlawan, Post-Behandar Kalan, Hardoi -241201
Uttar Pradesh, India

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✉ er.jaswantsingh786@gmail.com

title Optimization of Location Aided Routing Protocol using Greedy Forwarding Approaches in MANET
supervisors Rafeeq Ahmed, Mohammed Shuaib

Ph.D. thesis Status

title Study on Visual Cryptography Secret Sharing Schemes for Image
Awarded Dated on 11/02/2021
Open Viva Dated on 18/01/2021
voce
Submitted Dated on 14/10/2019
Enrollment Dated on 15/10/2014
supervisor Dr. Suresh Prasad Kannoja

Experience

2008–2019 **Total Experience**, 8 Plus Years excluding PhD duration.
2008–2011 **Guest Faculty**, *Institute of Engineering and Technology*, Lucknow.
From January 01, 2008 to January 31, 2011(37 months).
2011–2011 **Asst. Prof.**, *Bansal Institute of Engineering and Technology*, Lucknow.
From February 02, 2011 to July 31, 2011(6 months).
2011–2013 **Guest Faculty(C)**, *Institute of Engineering and Technology*, Lucknow.
From August 01, 2011 to June 30, 2012 and From August 01 2012 to June 30, 2013(22 months).
2013–2014 **Guest Faculty**, *Rastriya Sanskrit Sansthan Gomti Nagar*, Lucknow.
From September 26, 2013 to May 13, 2014(7 months).
2014–2019 **PhD Duration**, *University of Lucknow*, Lucknow, From 15/10/2014–14/10/2019 (5 Years).
2019–2021 **Asst. Prof.**, *B.N. College of Engineering and Technology*, Lucknow.
Since October 16, 2019 to August 30 2021

Languages

Hindi	Skill level	<i>Proficient</i>
English	Skill level	<i>Proficient</i>

Papers Published in Journals

- o Jasvant Kumar, Suresh Prasad Kannoja, "Mutated Random grid Approach to Share Secret Image into Visually Pleasing Shares", *International Journal of Computer Sciences and Engineering*, Vol.9, Issue.5, pp.1-6, 2021.

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- Kannoja, S.P., Kumar, J. XOR-based visual secret sharing scheme using pixel vectorization. *Multimed Tools Appl* (2021). <https://doi.org/10.1007/s11042-020-10352-3>
- Kannoja, S. P., & Kumar, J. (2019). XOR-based unexpanded meaningful visual secret sharing scheme. *International Journal of Security and Networks*, 14(1), 1-9.DOI:10.1504/IJSN.2019.098906
- Kannoja, S. P., & Kumar, J. (2018, March). Plane-Wise Encryption Based Progressive Visual Cryptography for Gray Image. In *International Conference on Communication, Networks and Computing* (pp. 373-384). Springer, Singapore. DOI:https://doi.org/10.1007/978-981-13-2372-0_33
- Kannoja, Suresh Prasad, and Jasvant Kumar. "Role of Visual Cryptography Schemes in Information Security: A Review." *International Journal of Applied Engineering Research* 13.13 (2018): 11340-11343.
- Kumar, Jasvant, Rafeeq Ahmed, and Mohammed Shuaib. "Optimized Location Aided Routing Protocol using Greedy Forwarding Approach in MANET." *International Journal of Engineering and Management Research (IJEMR)* 4.4 (2014): 110-116.

Papers Presented in Conferences

- Suresh Prasad Kannoja, **Jasvant Kumar**, "Secure Rationing System through Visual Cryptography: Smart Ration Card" in national conference on intelligent computing, communication and data science(NCICCD-2018), organized by the Department of of Computer Science and Engineering, Harcourt Butler Technical University Kanpur-208002, (U.P.), India, November 29-30, 2018.
- Suresh Prasad Kannoja, Jasvant Kumar. "Plane-wise Encryption Based Progressive Visual Cryptography for Gray Image" 1st international conference on communication, networks and computing (CNC-2018), 22-24 March, 2018
- Jasvant Kumar, S. P. Kannoja. "Secure Banking Transaction for Joint Account using Visual Cryptography" in the international conference on advanced computing and software engineering(ICACSE-2016), ISBN:978-93-86256-05-8

Short Term Course/Workshops Attended

- One Week Workshop on "Image and Video Analytics" organized by Department of Computer Science and Engineering Motilal Nehru National Institute of Technology Allahabad, India during March 29-April 2, 2018.
- Two Weeks Training Course on Cyber Security (TCCS-2018) organized by Department of Information Technology, Babasaheb Bhimrao Ambedkar University, Lucknow during February 01-15, 2018.

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- One week short term course on "multimedia tools and Utilities through ICT" held from March 27-31 2017, conducted by department of Computer Science and Engineering at Japee Institute of Information Technology, Noida(UP)
- One week short term course on "Advances in Computing Technology" held from Feb 23-March 01, 2017 by department of Computer Science and Engineering at MMMUT, Gorakhpur India
- One week faculty development program on " Role of MATLAB in Advance Computing" by department of Computer Science and Engineering, KNIT, Sultanpur from July 25-29, 2016.
- One week short term course on "Advances in Computing Technology" held from July 03-09, 2016 by department of Computer Science and Engineering at MMMUT, Gorakhpur, India
- Internatinal workshop on " Machine Learning and Its Applications" organized by department of Computer Science, South Asian University, New Delhi, India from April 29-30, 2016
- National workshop on " Soft Computing and its Engineering Applications using MATLAB(SCEAM2016)" organized by department of Computer Engineering and Applications, GLA University Mathura(UP) from March 04-05, 2016.
- Workshop on "Big Data Analytics" organized by ISI Kolkata from August 20-21,2015.

Academic Achievement

- Qualified UGC-NET(Computer Science) organized by University Grant Commission in December 2012
- Qualified UGC-NET(Computer Science) organized by University Grant Commission in June 2013
- Qualified UGC-NET(Computer Science) organized by University Grant Commission in December 2013
- Received Rajiv Gandhi National Fellowship 2014

Gold
Certificate

For developing four virtual labs in eBOOTATHON 02, organized by Bundelkhand Institute of Engineering & Technology Jhansi in association with Dr. A.P.J. Abdul Kalam Technical University Uttar Pradesh, Lucknow, IIT Kanpur and Rajkiya engineering college Banda during 18/08/2020 to 24/08/2020

Additional Duties

- Worked as Center Controller in the entrance examinations held by Uttar Pradesh Technical University, Lucknow
- Worked as Counselor for MCA at IGNOU Study Center 2700, Telibagh, Lucknow

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- o Working as Evaluator for IGNOU, Regional Evaluation Center, Telibagh, Lucknow

References

Dr. S.P. Kannoja

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Asst. Professor

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Ex. Prof. and Head, Department of
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ogy, Sitapur Road, Lucknow-21

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Company Recruitment team

Date:.....

Respected Sir,

Yours Faithfully

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