

BIOGRAPHY

- Passionate about teaching and mentoring students.
- National and International experiences of Research and Development.

EDUCATION

- **Ph.D.** (CSE), Punjab Engineering College (PEC) Chandigarh (2015-2021)
- **M.Tech.** (CSE), NIT Jalandhar, Gold Medalist (2011-2013)
- **B.Tech. (Hons.)** (CSE), UIET, Kurukshetra University (2006-2010)

EXPERIENCES

- **Assistant Professor**, Department of Computer Science Engineering & IT, Jaypee Institute of Information Technology, Noida Sector 62, Uttar Pradesh (August 2021-April 2022).
- **Research Intern**, Data Management and Analytic Lab, School of Computing Science and Engineering, Nanyang Technological University, Singapore (April 2017-August 2017).
- **Assistant Professor**, School of Computer Science Engineering, Galgotias University, Greater Noida. (July 2013-July 2015).

PUBLICATIONS

International Journal

1. **Jaspal Kaur Saini** & Divya Bansal (2019) A Comparative Study and Automated Detection of Illegal Weapon Procurement over Dark Web, *Cybernetics and Systems*, DOI: [10.1080/01969722.2018.1553591](https://doi.org/10.1080/01969722.2018.1553591) (SCIE Indexed, Impact Factor: 1.433)
2. **Jaspal Kaur Saini**, Divya Bansal, “Detecting Online Recruitment of Terrorists: Towards Smarter Solutions to Counter Terrorism” *International Journal of Information Technology*. 13, 697–702 (2021). <https://doi.org/10.1007/s41870-021-00620-2> (UGC-CARE List (India))
3. **Jaspal Kaur Saini** and Kriti Saini. Article: New Advance Encryption Standard to Analyze Encrypted Image Quality. *International Journal of Computer Applications* 74(7):1-5, July 2013. (Scopus Indexed)
4. Kirti Aggarwal, **Jaspal Kaur Saini** and Harsh K Verma. Article: Performance Evaluation of RC6, Blowfish, DES, IDEA, CAST-128 Block Ciphers. *International Journal of Computer Applications* 68(25):10-16, April 2013. Full text available. (Scopus Indexed)

Conferences

1. Ishita Goyal, Amritanshu Singh, and **Jaspal Kaur Saini**. "Big Data in Healthcare: A Review." *2022 1st International Conference on Informatics (ICI)*. IEEE, 2022.
2. Parth Kumar and **Jaspal Kaur Saini**, "A Systematic Study of Nature Inspired Algorithms," *2022 1st International Conference on Informatics (ICI)*, 2022, pp. 220-222, doi: 10.1109/ICI53355.2022.9786894.
3. Jyoti. Maggu, **Jaspal Kaur Saini** and P. Verma, "FILM.LrTL: FusIng MuLtiFocus IMages using Low-rank Transform Learning," *2022 1st International Conference on Informatics (ICI)*, 2022, pp. 60-65, doi: 10.1109/ICI53355.2022.9786913.
4. Armaan Kaur, **Jaspal Kaur Saini**, and Divya Bansal. "Detecting radical text over online media using deep learning." *arXiv preprint arXiv:1907.12368* (2019).
5. Tamanna Goyal, **Jaspal Kaur Saini**, and Divya Bansal. "Analyzing behavior of ISIS and Al-Qaeda using association rule mining." *Proceedings of 2nd International Conference on Communication, Computing and Networking*. Springer, Singapore, 2019.
6. Keshav Gupta, and **Jaspal Kaur Saini**. "Novel approach for distributed file system with multiple layers of fault tolerance." *International Conference on Computing, Communication & Automation*. IEEE, 2015.
7. **Jaspal Kaur Saini**, and Harsh K. Verma. "A hybrid approach for image security by combining encryption and steganography." *2013 IEEE second international conference on image information processing (ICIIP-2013)*. IEEE, 2013.

OTHER ACHIEVEMENTS

- Qualified **GATE 2011, NET 2015, NET 2016**.
- Class Topper, Gold Medalist in **MTech CSE, NIT Jalandhar** (2011-2013).
- Received **Scholarship from MHRD** during M.Tech. at NIT Jalandhar.
- Received **Visvesvaraya Scholarship** during PhD at PEC Chandigarh under Visvesvaraya PhD Scheme for Electronics & IT, Ministry of Electronics & Information Technology (MeitY), Government of India.
- Received **Project Scholarship** during Research Internship at Data Management and Analytic Lab, School of Computing Science and Engineering, Nanyang Technological University, Singapore.
- Received **Travel Grant Award** from ACM to present paper in KDD 2019, Alaska, US.