


Title	Dr.	First Name	Jaya	Last Name	Gera	Photograph
Designation		Associate Professor				
Department		Computer Science				
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Education		Ph. D.				
Subject		Institution		Details		
Ph. D.in Computer Science		Dept. of Computer Science, University of Delhi.		Ph. D. Title : “Analytic Framework to Assess Crowdfunded Campaigns”.		
M.C.A.		Gurukul Kangri University, Haridwar.		First Division		
Research Interests/ Specialization						
Artificial Intelligence, Machine Learning, Data Mining, Recommender Systems, Crowd Funding, Data Analytics.						
Teaching Experience						
22+ years of teaching experience.						

## **Publications:**

### **Research Papers in Journals:**

1. Jaya Gera, Ekta Bhambri Marwaha ,Reema Thareja , Rashi Thareja , Shefali Gupta , Aruna Jain. Analysing Student's Academic Performance in Relation to Psychosocial Aspects Using AI. International Journal of Engineering Trends and Technology, Volume 72, Issue 1, 243-251, January 2024. ISSN: 2231-5381 / <https://doi.org/10.14445/22315381/IJETT-V72I1P124> 2024, Seventh Sense Research Group. Published: 07 January 2024, First Author. <https://ijettjournal.org/archive/ijett-v72i1p124>
2. Jaya Gera, Ekta Bhambri Marwaha, Reema Thareja, Aruna Jain, (30 Nov 2023). Predicting and Improving Behavioural Factors that Boosts Learning Abilities in Post Pandemic Times using AI Techniques, (IJACSA) International Journal of Advanced Computer Science and Applications, Vol. 14, No. 11, 2023. published on 30 Nov 2023.(WoS & Scopus Indexed)
3. P Yadav, J Gera, H Kaur (2023), Enhancing the accuracy of collaborative filtering based recommender system with novel similarity measure, Multimedia Tools and Applications, 1-18. Published on 27 Oct 2023.
4. Sood, Mansi, Gera, Jaya, and Kaur, Harmeet. 'Creation, Evaluation, and Optimization of a Domain-based Dictionary'. Journal of Intelligent & Fuzzy Systems, vol. 43, no. 5, pp. 6123-6136, 2022. Published: 22 September 2022, 6123 – 6136.
5. Gera, J., & Kaur, H. (2018). A novel framework to improve the performance of crowdfunding platforms. ICT Express, 4 (2), 55-62. Elsevier. (SCIE, Scopus and ESCI indexed)
6. Gera, J., & Kaur, H. (2017). Dynamics of Pledge Behaviour of Crowdfunded Projects. International Journal of Information Technology Project Management (IJITPM), 8(1), 72-86. IGI Global. (Scopus, WoS and ESCI indexed)

### **Research Papers in Conference proceedings:**

1. Sood, M., Kaur, H., Gera, J. (2022). Information Retrieval Using n-grams. In: Raje, R.R., Hussain, F., Kannan, R.J. (eds) Artificial Intelligence and Technologies. Lecture Notes in Electrical Engineering, vol 806. Springer, Singapore. <https://doi.org/10.1007/978-981-16->

2. Sood, M., Kaur, H., & Gera, J. (2021, March). Creating Domain based Dictionary and its Evaluation using Classification Accuracy. In 2021 8th International Conference on Computing for Sustainable Global Development (INDIACom) (pp. 341-347). IEEE.
3. Gera, J., & Kaur, H. (2018, January). Influence of personality traits on campaign success. In 2018 8th International Conference on Cloud Computing, Data Science & Engineering (Confluence), pp. 14-15. IEEE.
4. Gera, J., & Kaur, H. (2019). Prediction Model for Crowdfunding Projects. In Advanced Computing and Communication Technologies (pp. 97-107). Springer, Singapore.
5. Gera J., Kaur H. (2018) Investigation of Parameters Influencing the Success of Crowdfunded Campaigns. In Applications of Computing and Communication Technologies. ICACCT 2018. Communications in Computer and Information Science, vol 899, pp. 275-285, Springer, Singapore.
6. Kaur, H., & Gera, J. (2017). Effect of Social Media Connectivity on Success of Crowdfunding Campaigns. Procedia Computer Science, 122, 767-774. Elsevier.
7. Gera, J., & Kaur, H. (2017). Recommending Investors using Association Rule Mining for Crowd Funding Projects. Communication and Power Engineering, 27-43. De Gryuter.
8. Gera, J., & Kaur, H. (2016). Identifying Significant Features to Improve Crowd Funded Projects' Success. In Innovations in Computer Science and Engineering (pp. 211-218). Springer, Singapore.

#### **Participation in International Conferences/Workshops:**

- Presented a paper in international conference on Applications of Computing and Communication Technologies, ICACCT, March 2018.
- Presented a paper in 11th conference on Advanced Computing and Communication Technologies, February 2018.
- Presented a paper in 8th International Conference on Cloud Computing, Data Science & Engineering (Confluence), January 2018.
- Presented a paper in the 5th International Conference on Information Technology and Quantitative Management (ITQM 2017), December 2017.
- Presented a paper in International conference on Advances in Communication, Network, and Computing – CNC 2016 and presented a paper “Recommending Investors using Association Rule Mining for CrowdFunded projects”, March 2016.
- Presented a paper in International conference ICICSE 2015 and presented paper “Identifying Significant Features to Improve Crowd Funded Projects' Success”, August 2015.

**Other Responsibilities:**

- Teacher In-Charge: Dept. of Computer Science (2006 - 2014 and 2018 - June 2024)
- Convener - Placement Cell 2023-2024.
- Nodal Officer - Examination 2021-22.
- Convener GE-Committee, 2021-2022
- Nodal Officer - Admission 2020-22.
- Convenor - FCC in 2020-21.
- Convener CBCS committee: 2021 -2022
- Convener: Family Counselling Centre, June 2019-2022
- Technical Program Chair: Conference : ICACCT – 2018
- Organizing Member of workshop on Workshop on “Evolving Trends in Teaching Quality with outcome based Learning Tools” on 1-2 Nov. 2019.
- Member: Committee of Courses, Faculty of Mathematical Sciences, Since 2017 -2019 (for revising and restructuring of Post Graduate and Undergraduate Courses)
- Programme Co-ordinator: FDP on “Effective Teaching And Learning Practices” held on 22-26 September, 2018
- Co-Convener: Time Table Committee, 2014-2015
- Member: Governing Body (2014-2015)
- Convener: Placement Cell, 2011-2012
- Co- Convener: Placement Cell, 2010-2011