

Profile Page



Name : Dr Jagdeep Kaur
Designation : Assistant Professor (Grade-II)
Department : Computer Science & Engg.
Qualification : PhD CSE (Gautam Buddha University, Greater Noida, Uttar Pradesh)
M.Tech CSE (Punjabi University, Patiala)
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Research Interests :

Software Engineering, Artificial Intelligence, Machine learning and Data Science.

Journal Publications :

Year	Journal	Publication
2020	Lecture Notes in Electrical Engineering, 2020, 597, pp. 687–698	Performance analysis of queries with Hive optimized data models
2018	International Journal of Modern Education and Computer Science 10 (8), 33	Clustering based architecture for software component selection
2016	International Journal of Control Theory and Applications, 2016, 9(Specialissue11), pp. 5443–5448	Frefcosco: A fuzzy relation- based fuzzy clustering of software components

Conference Publications :

Year	Conference	Publication
2022	International Health Informatics Conference (IHIC 2022)	Prashant Kumar & Jagdeep Kaur "COVID-19 Prediction from CT and X-Ray Scan Images: A Review"
2022	5th International Conference on Recent Innovations in Computing (ICRIC-2022)	Ashish Kumar & Jagdeep Kaur , "Review of Soil Classification Using Machine Learning, Deep Learning, and Computer Vision Techniques"
2022	International Conference on Security, Privacy and Data Analytics(ISPDA-2022), December 13-15, 2022	Ayushmaan Pandey & Jagdeep Kaur "Enhancing Security and Performance of Software Defect Prediction Models: A Literature Review"

2019	Proceedings of the 2019 6th International Conference on Computing for Sustainable Global Development, INDIACom 2019, 2019, pp. 1073–1077, 8991399	A comparative study of big data processing: Hadoop vs. Spark Sharma, M., Kaur, J.
2016	International Conference on Information Processing, IICIP 2016	A software component selection technique based on fuzzy clustering

Book/Chapter Publications :

Type	Title	Publisher	Authors	ISBN/ISSN No.	Year
Chapter	Extending IoTs Into the cloud-based platform for examining Amazon Web Services	IGI Global	Kaur, J., Sharma, M.	9781522556497	2018

Research Projects :

Role	Project Type	Title	Funding Agency	From	To	Amount	Status	Co-Investigator
Project Coordinator	Sponsored	Establishing Science & Technology Innovation Hub in Jalandhar Cluster	Punjab State Council for Science & Technology, Chandigarh and Department of Science & Technology, GOI	06-10-2021	31-12-2024	9.3 Lakhs (For First Year only)	Ongoing	

Events Organized :

Category	Type	Title	Venue	From	To	Designation
STC	International	“Recent Advances of Machine Learning in Software Engineering”	Online	23-11-2020	27-11-2020	Coordinator
STC	International	Recent Advances in Data Science and Computational Intelligence	Online	26-04-2021	30-04-2021	Coordinator
Workshop	National	MS Office & HTML	Govt High School, Nussi, Jalandhar	17-10-2022	21-10-2022	Coordinator

Professional Affiliations :

Designation	Organization
Life member	CSI
Annual Membership	ACM
Annual Membership	IEEE

PhD Supervised :

Scholar Name	Research Topic	Status	Year	Co-Supervisor
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Prem Kumari	Medical Image Processing	Ongoing	2022	
Arshpreet Kaur	Medical Data Analytics	Ongoing	2022	
Jitendra Kumar Gupta	Application of Machine Learning	Ongoing	2021	None
Vishal Jaswal	Computer Vision	Ongoing	2021	Dr Rajneesh Rani
Surbhi Syal	Software Defect prediction	Ongoing	2020	None

PG Dissertation Guided :

Student Name	Dissertation Title	Status	Year	Co-Supervisor
Prashant Kumar	“Detection of COVID-19 using CT Scan Images”	Completed	2022	
Ashish Kumar	A Comparative Analysis of Soil Classification Using Machine Learning and Deep Learning	Completed	2022	
Anand Kumar	Source Code Defects Prediction using Deep Learning and Machine Learning Methods	Completed	2022	Dr Renu Dhir
Sushree Deepa	Software Defect prediction using Ensemble Learning	Completed	2021	