

Faculty Profile

Name : Dr Bharti Sharma
Designation : Assistant Professor
Qualifications : PhD(CSE)
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Area of Interest/Specialization: Recommendation System, Optimization
Technique, Text Summarization, ML, Deep learning.



Experience : 13 years

Key Publications

1. Sharma, Bharti, et al. "Benchmarking geospatial database on Kubernetes cluster." *EURASIP Journal on Advances in Signal Processing* 2021.1 (2021): 1-29.
2. B. Sharma, M. Tomer, and K. Kriti, "Extractive text summarization using F-RBM," *J. Stat. Manag. Syst.*, vol. 23, no. 6, pp. 1093–1104, 2020.

Papers presented in Conferences

1. Verma, Ashish, and Bharti Sharma. "Comparative analysis in medical imaging." *International Journal of Computer Applications* 975 (2010): 8887.
2. Sharma, Bharti, Neeraj Sharma, and Neeshu Sharma. "Software Process Improvement: A Comparative Analysis of SPI models." *2009 Second International Conference on Emerging Trends in Engineering & Technology*. IEEE, 2009.
3. Sharma, Bharti, Neeraj Sharma, and Neeshu Sharma. "Simulation of different SPI Models." *Int. J. Comput. Appl* 1 (2010): 22-25.
4. Sharma, Bharti, et al. "Automatic Text Summarization Using Fuzzy Extraction." *International Conference on Innovative Computing and Communications*. Springer, Singapore, 2020.
5. Dabas, Deepanshi, Mehak Lakhani, and Bharti Sharma. "Classification of EEG Signals for Hand Gripping Motor Imagery and Hardware Representation of Neural States Using Arduino-Based LED Sensors." *Proceedings of International Conference on Artificial Intelligence and Applications*. Springer, Singapore, 2021.
6. Sharma, Bharti, Neeraj Sharma, and Neeshu Sharma. "Design Framework of KSPI Model (5iKSPI)." *International Journal of Computer Applications* 975 (2010): 8887.

Patent/Copyright:

1. IOT Based Autonomous Post Pandemic HealthCare Monitoring System, Application no:202131006190A, Publication date: 12-3-2021
2. Development of Artificial Intelligence based traffic management system For emergency Vehicle, Application no: 202141004191A, Publication Date: 5-2-2021

Other Contributions: Currently HOD-(IT-2nd shift)