

Profile Page



Name : Dr. Manjeet Singh
Designation : Assistant Professor Grade-i
Department : Electronics and Comm. Engg.
Qualification : PhD Wireless Sensor Networks (NIT Hamirpur)
M.Tech Cognitive Radio (NIT Hamirpur)
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Research Interests :

Wireless sensor networks, Machine Learning, Cognitive Radio, Image Processing

Other Profile Links :

Google Scholar Link :

Manjeet Singh [Click Here](#)

Journal Publications :

Year	Journal	Publication
2021	Ad Hoc Networks 114 (2021): 102441.	Singh, Manjeet, and Surender Kumar Soni. "Network lifetime enhancement of WSNs using correlation model and node selection algorithm." Ad Hoc Networks 114 (2021): 102441.
2019	Journal of Ambient Intelligence and Humanized Computing 10.4 (2019): 1361-1378.	Singh, Manjeet, and Surender Kumar Soni. "Fuzzy based novel clustering technique by exploiting spatial correlation in wireless sensor network." Journal of Ambient Intelligence and Humanized Computing 10.4 (2019): 1361-1378.
2018	International Journal of Engineering and Technology Innovation 8.4 (2018): 294.	Singh, Manjeet, and Surender Kumar Soni. "Spatial correlation-based clustering in wireless sensor network." International Journal of Engineering and Technology Innovation 8.4 (2018): 294.
2017	Sensor Review	Singh, Manjeet, and Surender Kumar Soni. "A comprehensive review of fuzzy-based clustering techniques in wireless sensor networks." Sensor Review (2017).

Conference Publications :

Year	Conference	Publication
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2021	"International conference on Recent Developments on Materials, Reliability, Safety, and Environmental issues (IMRSE-2021) 25-27 June 2021"	Priyanka Gautam and Manjeet Singh, "Gender-based Effects of Cardiac Diseases on Pulse rate"
2021	"International conference on Recent Developments on Materials, Reliability, Safety, and Environmental issues (IMRSE-2021) 25-27 June 2021"	Sourabh Kumar Verma and Manjeet Singh, "Cognitive Radio: Noise Cancellation Techniques – A Review"
2021	"International conference on Recent Developments on Materials, Reliability, Safety, and Environmental issues (IMRSE-2021) 25-27 June 2021"	Mohit Srivastava and Manjeet Singh, "BRAIN TUMOR DETECTION: A REVIEW"
2021	"International conference on Recent Developments on Materials, Reliability, Safety, and Environmental issues (IMRSE-2021) 25-27 June 2021"	Shalu Saini and Manjeet Singh, "A Comprehensive Review of Friend-Foe Identification Systems"
2021	3rd International Conference on Computing for Sustainable Global Development (INDIACom). IEEE,	Gaurav, ;Kumar, Vicky;Kumar, Ashok;Singh, Manjeet, "Localization using varying anchor range in randomly distributed wireless sensor network"
2020	"First International Conference on Communication Computing and Signal Processing July 23rd -24th, 2020, NIT Jalandhar"	Priyanka Gautam, Manjeet Singh "Heart Rate Analysis using ECG Signals"
2017	4th International Conference on Signal Processing, Computing and Control (ISPCC). IEEE	Singh, Manjeet, Surender Soni, and Vicky Kumar. "Improving WSN operational lifetime using fuzzy logic and correlation characteristics." 2017 4th International Conference on Signal Processing, Computing and Control (ISPCC). IEEE, 2017.
2017	4th IEEE International Conference on Signal Processing, Computing and Control, ISPCC 2017	Kumar, Vicky;Kumar, Ashok;Singh, Manjeet, "Boosting anonymity in wireless sensor networks"
2016	3rd International Conference on Computing for Sustainable Global Development (INDIACom). IEEE,	Singh, Manjeet, Surender Soni, and Vicky Kumar. "Clustering using fuzzy logic in wireless sensor networks." 2016 3rd International Conference on Computing for Sustainable Global Development (INDIACom). IEEE, 2016.
2016	3rd International Conference on Computing for Sustainable Global Development (INDIACom). IEEE,	Kumar, Vicky and Kumar, Ashok and Singh, Manjeet , "Improving network lifetime \& reporting delay in wireless sensor networks using multiple mobile sinks
2016	3rd International Conference on Computing for Sustainable Global Development (INDIACom). IEEE,	Kumar, Vicky;Kumar, Ashok;Gaurav, ;Singh, Manjeet, "Improving network lifetime & reporting delay in wireless sensor networks using multiple mobile sinks

Events Organized :

Category	Type	Title	Venue	From	To	Designation
STC	National	Low Power VLSI Design for Communication Systems and Networks (LVCSN'20)	Dr. B. R. Ambedkar National Institute of Technology Jalandhar (Online Mode)	16/09/2020	20/09/2020	Coordinator
STC	National	Emerging Trends and Challenges in Communication Systems	Dr. B. R. Ambedkar National Institute of Technology Jalandhar (Online Mode)	11/01/2021	15/01/2021	Coordinator

Conference	International	"International Conference on Recent Development on Materials, Reliability, Safety and Environmental Issues "	Dr. B. R. Ambedkar National Institute of Technology Jalandhar	25/06/2021	27/06/2021	Joint Organizing Secretary, Session chair
Conference	National	International Conference on Communication Computing and Signal Processing-2020 (CCSP-2020)	Dr. B. R. Ambedkar National Institute of Technology Jalandhar	23/07/2020	24/07/2020	Session chair, Organizing Team

Professional Affiliations :

Designation	Organization
Member	IEEE

PhD Supervised :

Scholar Name	Research Topic	Status	Year	Co-Supervisor
Ankit Sharma	Security issues in WSN	Pursuing	From 2021	
Priyanka Gautam	Classification of Alzheimer's Disease using MRI	Pursuing	From 2020	

Admin. Responsibilities :

Position Held	Organization	From	To
Warden (MBH-F)	Hostel NITJ	March 2021	