



## Dr Abhilasha Jain

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Phone: , 9417941071

Address: Bathinda ,Punjab,India - 151001

## Expertise

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Computer Science Artificial Intelligence

Machine Learning, Soft Computing

## Work experience

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1. Maharaja Ranjit Singh Punjab Technical University 1998 — Present

Associate Professor

Bathinda

## Education

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1. Ph.D - 2019

Punjab Technical University

## Membership In Professional Bodies

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1. International Association of Engineers, 2014

2. The Institution of Engineers , 2012  
M
3. Computer Society of India, 2012  
Life
4. Indian Society of Technical Education, 2004  
LMISTE

## Membership In Committees

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1. DDRC, CSE, MRSPTU, Bathinda, 2020  
Member
2. Board of Control, CSE Department, 2019  
Member
3. Board of Studies, MRSPTU, Bathinda, 2019  
Member

## Patent

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1. A System Of Deep Learning Customer Churn Prediction Model In E Commerce Using Data Mining  
Inventor(s): ["SEEMA", "ASSISTANT PROFESSOR, YADAVINDRA DEPARTMENT OF ENGINEERING, PUNJABI UNIVERSITY GURU KASHI CAMPUS, (DAMDAMA SAHIB), TALWANDI SABO.", "India", "India"], ["GAURAV GUPTA", "ASSISTANT PROFESSOR, DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING, PUNJABI UNIVERSITY, PATIALA.", "India", "India"], ["GURJIT SINGH BHATHAL", "ASSISTANT PROFESSOR, DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING, PUNJABI UNIVERSITY, PATIALA.", "India", "India"], ["BRAHMALEEN K. SIDHU", "ASSISTANT PROFESSOR, DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING, PUNJABI UNIVERSITY, PATIALA.", "India", "India"], ["SUNIL KUMAR", "ASSISTANT PROFESSOR, YADAVINDRA DEPARTMENT OF ENGINEERING, PUNJABI UNIVERSITY GURU KASHI CAMPUS (DAMDAMA SAHIB), TALWANDI SABO.", "India", "India"], ["PRIYANKA GUPTA", "DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING, PUNJABI UNIVERSITY, PATIALA.", "India", "India"], ["BACHANDEEP SINGH BHATHAL", "ASSISTANT PROFESSOR, DEPARTMENT OF COMPUTER APPLICATION, CHANDIGARH UNIVERSITY, GARUAH.", "India", "India"], Assignee:  
Published: 0000-00-00

# Publication

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1. **A real time face mask detection system using convolutional neural network**

Goyal, Hiten and Sidana, Karanveer and Singh, Charanjeet and Jain, Abhilasha and Jindal, Swati  
Multimedia Tools and Applications, Volume 81, Year 2022, Pages 14999--15015

2. **A Modified Track Sector Clustering Scheme for Energy Efficiency in Wireless Sensor Networks**

Divjot Kaur, Abhilasha Jain and Swati Jindal  
Wireless Sensor Networks and the Internet of Things Future Directions and Applications, Volume , Year 2021, Pages

3. **Energy Efcient Fuzzy Routing Protocol for Wireless Sensor Networks**

Abhilasha Jain ., Ashok Kumar Goel .,  
Wireless Personal Communications, Volume 110(3), Year 2020, Pages 1459-1474

4. **Enhanced Versions of PEGASIS Routing Technique for Wsns: a Survey**

Abhilasha Jain, Ashok Kumar Goel  
International Journal of Recent Technology and Engineering (IJRTE), Volume 7(6S5), Year 2019, Pages 211-219

5. **A Survey on Routing Techniques in WSN.**

Abhilasha Jain, Ashok Kumar Goel  
International Journal of Computer Engineering and Applications, Volume XII, Year 2018, Pages 330-340

6. **Energy Efficient Algorithm for Wireless Sensor Network using Fuzzy C-Means Clustering**

Abhilasha Jain ., Ashok Kumar .,  
(IJACSA) International Journal of Advanced Computer Science and Applications, Volume 9, Year 2018, Pages 475-481

7. **Performance Investigation of LEACH, DEEC and PEGASIS for Wireless Sensor Networks.**

Abhilasha Jain, Ashok Kumar Goel  
JETIR, Volume 5, Year 2018, Pages 678-690

8. **Inheritors of LEACH for Heterogeneous Wireless Sensor Networks**

Abhilasha Jain, Ashok Kumar Goel  
JETIR, Volume 5, Year 2018, Pages 591-595

9. **A novel review on various energy efficient routing algorithms in wireless sensor networks**

Abhilasha Jain ., Ashok Kumar Goel .,  
International Journal of Engineering & Technology, Volume 7 (2), Year 2018, Pages 533-535

10. **Pulmonary Lesion Detection and Staging from CT Images Using Watershed Algorithm**  
Khatri M.;Kumar M.;Jain A.  
Proceedings of the 8th International Advance Computing Conference, IACC 2018, Volume , Year 2018, Pages 108-112
11. **Literature Survey on Various Scheduling Approaches in Grid Computing Environment**  
Heena Setia ., Abhilasha Jain .,  
1st IEEE International Conference on Power Electronics, Intelligent Control and Energy Systems (ICPEICES-2016), Volume , Year 2016, Pages
12. **Face Recognition of Blurred Images Using Image Enhancement and Texture Features**  
Deeksha Kapil .,  
1st International Conference on Next Generation Computing Technologies (NGCT-2015), Volume , Year 2015, Pages
13. **An Energy Efficient Time Synchronization Protocol for Wireless Sensor Networks using Clustering**  
Parminder Kaur .,  
Communication and Information Technology Conference (PCITC), Volume , Year 2015, Pages
14. **Energy efficient two level distributed clustering scheme to prolong stability period of wireless sensor network**  
Kaur M.;Jain A.;Goel A.K.  
Proceedings of the 2014 International Conference on Advances in Computing, Communications and Informatics, ICACCI 2014, Volume , Year 2014, Pages 68-73