

BIOGRAPHY



Dr. Pallavi Goel

Associate Professor

Qualification: PhD

Experience: 13 Years

Profile: Dr. Pallavi Goel is an Associate Professor in the Department of Computer Science, Faculty of Engineering and Technology. She also taking care of International Relations Coordinator CSE, FET. Establishment for the various technical collaborations for the welfare of the students. She is having 13 years of teaching experience. She has completed her PhD in Computer Engineering from Gurukul Kangri University, India on “PERFORMANCE RELATED ISSUES OF MOBILE AGENT”. Dr. Goel’s teaching and research interests includes Machine Learning, Artificial Intelligence, IoT, Cyber Security and related technologies. She is an author or co-author of many journal articles, conference papers, book chapter related to AIML and BIG DATA HADOOP. She organized and orated many workshops on Machine learning using Python, Big Data Technologies etc. in IIT and various reputed institutes. She is an open-source technology enthusiast who supports and promotes “technology for all” and is actively engaged in activities that aim at empowering communities through tools of technologies. Dr. Pallavi has been associated with ANNA UNIVERSITY AND IIT MADRAS ALUMNI STARTUP TOP ENGINEERS as a guest faculty and speaker. She has also been a guest speaker at various events promoting Artificial Intelligence and its applications. She always invited as Keynote Speaker in the international Conferences, Session Chair and organizer of the various International Conferences, National Events many more. In her Previous job she badged big profiles Associate Dean IQAC and Associate Dean Student Welfare of Galgotias University, India

CHAPTERS,INTERNATIONAL PUBLICATIONS,PATENT AND CONFERENCES

- Applied patent in Australian Government IP Australia on SMART AGRICULTURE USING IOT .
- Published paper in Vyaapaar – B2B Outsourcing Platform International Journal for Research Applied Science & Engineering Technology (IJRASET)
ISSN: 2321-9653; IC Value: 45.98; SJ Impact Factor: 7.429
- Published paper for SCI succesfully submitted online "EFFICIENT COVERAGE GREEDY PACKET STATELESS ROUTING IN WIRELESS SENSOR NETWORKS". In 15 July 2020 @sage journals.Measurement and Control.
- **A Survey on Various Machine Learning Models in IOT Applications** published paper in IEEE ,International Conference on Computing and Information Technology (ICCI-1441)
- **Improved ML Models on Feature Extraction in HSI** published paper IEEE 2020 International Conference on Computing and Information Technology (ICCI-1441)
- **Various Deep Learning Methods for Hyperspectral Images** published paper IEEE 2020 International Conference on Computing and Information Technology (ICCI-1441)

- **A Comparative Study of Industry 4.0 with Education 4.0** published paper in International Conference on Innovation Advancement in Engineering and Technology (IAET-2020).
https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3553215
- Pallavi Bhimte,Pallavi Goel,Dileep Kumar Yadav,Dharmendra Kumar,/"Hadoop Framework:Big Data Management Platform for Internet of Things," Chapter-17 in From Visual Surveillance to Internet of Things:Technology and Applications,Taylor & Francis, March 2019.
(Catalogue No:K421388,Accepted,In Press ,Scopus)
- **"Comparison of Classification Techniques on Data Mining"** International Journal of Emerging Technology and Innovative Engineering, Volume 5, Issue 5, May 2019.
- **"Crack Detection and Diagnosis for Wind Turbines Using Naive"** International Journal of Emerging Technology and Innovative Engineering Volume 5, Issue 5, May 2019.
- **"Design and Implementation of WSN for the Real Time Assessment of Water Quality for the Water Distribution System"** International Journal of Emerging Technology and Innovative Engineering Volume 5, Issue 5, May 2019.
- **"Image Restoration on Mammography Images"** 2016 International Conference on Computing, Communication and Automation (ICCCA).
- **Survey on Security** Issues in Mobile Ad Hoc Networks IJCSIT Vol. 5 (3) ,2014, 3732-3735.
- **"Protecting Dynamic Mobile Agent against Denial of Service Attacks"**. Citation: AIP Conference Proceedings 1324, 316 (2010); View online: <https://doi.org/10.1063/1.3526222> View Table of Contents: <http://aip.scitation.org/toc/apc/1324/1> Published by the American Institute of Physics
- **"Security of Mobile Agent in e-commerce"** presented at National Seminar on Emerging Trends on IT Sector- Issues & Challenges-14 March, 2009.Organized by Shri Atmanand Jain Institute of Management & Technology, Ambala.
- **"Three Tier Secured Mobile Agent Mediated e-business model"** presented in International Conference on Emerging Trends in Electronics & Communications (ICETEC- 2009)- 11 September -2009.Organized by Indo Global Colleges, Mohali.
- **"Hierarchal Model to Prevent DoS Attack in Mobile Agents"** IJCA Proceedings on International Conference on Recent Trends in Information Technology and Computer Science 2012© 2013 by IJCA Journal ICRTITCS - Number 1Year of Publication: 2013.
- **Hierarchal Secured Fault Tolarat Approach For Mobile Agent Using Petrets"** Journal of Information Systems and Communication ISSN: 0976-8742 & E-ISSN: 0976-8750, Volume 3, Issue 1, 2012, pp.-170-173.
- **Performance Evaluation of Routing Protocol for Mobile Ad Hoc Network** IJRASET Vol. 2 Issue V, May 2014 ISSN: 2321-9653.
- **Simulation of Dynamic Mobile Agent Model to Prevent Denial of Service Attack using CPNS** International Journal of Computer Applications (0975 – 8887) Volume 20– No.1, April 2011.

- **Simulation of Static Mobile Agent Model to Prevent Denial of Service Attack Using CPNs.** IJRTET Vol. 05, No. 01, Mar 2011.