

Er. Amrit Kaur

Assistant Professor

Department of computer Science and Engineering

Punjabi University

Patiala

amrit_ce@pbi.ac.in

WORK EXPERIENCE

Total Teaching Exp: 14 Years

RESEARCH AREA

- Data Mining
- Machine Learning
- Deep Learning

RESEARCH PAPER/BOOK PUBLISHED**International Conferences: 04**

1. Kaur, S., & Kaur, A. (2015, October). Detection of phishing webpages using weights computed through genetic algorithm. In *2015 IEEE 3rd International Conference on MOOCs, Innovation and Technology in Education (MITE)* (pp. 331-336). IEEE.
2. Kaur, N., & Kaur, A. (2016, January). Predictive modelling approach to data mining for forecasting electricity consumption. In *2016 6th International Conference-Cloud System and Big Data Engineering (Confluence)* (pp. 331-336). IEEE.
3. Wadwa., M & Kaur, A (2016). Study on industrial electricity consumption using neural network in Data Mining. ICRTC-16
4. Leena & Kaur., A (2016). Detection of phishing websites using SVM technique in Data Mining. ICRTC-16.

International Journal: 13

1. kaur, H., & Kaur, A (2012). MATLAB as a Development Environment for Mathematics Functions & Graphs in GUI. *International Journal of Computer Science and Communication Engineering*, 1(2).
2. Kaur, E. A., & Kaur, E. H. Psycho Analysis of Image Enhancement Techniques Using Histogram in MATLAB. *International Journal of IT, Engineering and Applied Sciences Research*, 2(1).
3. Kaur, E. J., & Kaur, A. (2014). Timetable scheduling using modified clustering. *International Journal of Research in Information Technology (IJRIT)*, 2(7), 1-8.
4. Kaur, N., & Kaur, E. A. (2015). Electricity demand prediction using artificial neural networks in data mining. *International Journal For Technological Research In Engineering*, 2(8).

5. Singh, M., & Kaur, A. (2016). A Review on Road Accident in Traffic System using Data Mining Techniques. *International Journal of Science and Research (IJSR)*, 5(1).
6. Sharma, A., Singh, P., & Kaur, A. (2015). Phishing Websites Detection Using Back Propagation Algorithm: A Review.
7. Kaur, S., & Kaur, A. (2015). Detection of Phishing Webpages. *International Journal For Technological Research In Engineering*.2(9).
8. Singh, P, & Kaur, A(2016). Multi-Factor Phishing Attack Detection and Prevention with Support Vector Machine. *International Journal of Modern Computer Science and Applications*, 4(1), 2321-2632.
9. leena & Kaur, A. (2016). Detection of Phishing Websites Using SVM Technique. *Imperial Journal of Interdisciplinary Research*. 2(8)
10. Singh, P., Sharma, A. & Kaur. A. (2016). Genetic algorithm based floating Phishing Vector for Phishing Attack Classification using Naïve Bayes Classifier. *International Journal of Innovations & Advancement in Computer Science*, 5(7).
11. Wadhwa, M., & Kaur, E. A. (2017). Review of performance of various Big Databases. *International Journal on Recent and Innovation Trends in Computing and Communication*, 5(6), 179-182.
12. Kaur, M., & Kaur, A. (2017). Review of Various Data Clustering and Security
13. Singh, M., & Kaur, A. (2018). Analysis of various classification techniques based on neural networks. *Journal of Emerging Technologies and Innovative Research*. 5(7).
14. Kaur, K., & Kaur, A (2023), Performance analysis of Machine Learning Algorithm on Diabetes dataset. *European Chemical Bulletin*. (2063-5346).

Book Editor

1. Kaur Amrit (2021), *Application of AI and Machine Learning*, Dept. of computer science & engineering Punjabi university Patiala, 978-81-941048-7-2

RESEARCH GUIDENCE

S.No	Thesis Title	Submission Date
1	Navigation application using spatial data mining	June 2013
2	Improved secure routing scheme with encrypted session keys in wireless sensor network	July 2013
3	Timetable scheduling using modified clustering	June 2014
4	Forecasting of GDP and GDP growth	June 2014

	rate of India from 2014 to 2023	
5	Electricity demand prediction using predictive modeling in data mining	Sep 2015
6	Phishing detection using fitness based function in data mining	Sep 2015
7	Timetable scheduling in data mining using heuristic approach	Sep 2015
8	Detection of phishing websites in data mining	Oct 2015
9	Data Analyst	July 2016
10	Phishing websites detection using artificial neural network in data mining	Aug 2016
11	Genetic algorithm based floating phishing vector for phishing attack classification using SVM classifier	Aug 2016
12	Detection of phishing websites using SVM techniques in data mining	Aug 2016
13	Prediction and analysis of death case in road traffic system using data mining techniques	Sep 2016
14	Performance Analysis of Different Imputation Techniques	July 2022
15	Performance Analysis of Different Imputation Techniques on Diabetes dataset.	July 2023