

STAFF PROFILE

- 1) Name : Dr. P.Gayathiri.
2) Designation : Assistant Professor
3) Department : Information Technology
4) Qualification : Ph. D Computer Science
5) Experience : **Teaching** : 10 years **Research** : 6 years
6) Area of Specialization (s) : Data Mining & Block Chain
7) E-mail : Gai3phd2021@gmail.com
8) Academic Qualifications : M.Sc., M. Phil., Ph.D

9) RESEARCH EXCELLENCE

Ph.D Thesis Topic: Enhanced Unimodal and Multimodal Biometric Recognition using Data Mining Algorithms

PAPER PRESENTED

INTERNATIONAL/NATIONAL CONFERENCE

S.No	Title	Theme	Venue	Date
1	Data Mining Using Decision Tree	National Conference on Information Communication Networking NCICN	SRM Easwari Engineering College, Chennai	04/04/12
2	Comparison of Data Mining Techniques using WEKA Tool	National Conference from Kilobyte to Terabyte	MGR JANAKI College, Chennai	13/09/13
3	Validating Credit Card Numbers using Bayesian Belief Network with Luhn Check	International Conference on Emerging Trends and Challenges in Technology	Bhaktavasalam Memorial College, Chennai	01/03/13
4	Data Mining Techs in Multi Classifier using WEKA in Credit Card Fraud Detection	National Conference on Concepts of Data Mining INCOSMIT-13	Pattammal Alagesan College, Chengalpattu	16/03/13

5	Credit Card Fraud Detection and Prevention Using Neural Networks	International Conference on Computational Linguistics	Sri Sankara Arts & Science College, Kanchipuram	12/03/14
6	Error Detection in Magnetic Stripe Cards using Neural Networks	International Conference on Research Trends in Computer Science	SKP College of Arts & Science, Chennai	13/08/14
7	Credit Card Fraud Detection using Data Mining Algorithms	IEEE International Conference on Intelligent Computing and Control	Karpagam College of Engineering, Coimbatore	23/06/17 - 224/06/17
8	Credit Card Fraud Detection using Machine Learning Algorithms	National Level Conference on Marketing the Game Changing Innovations	Ramakrishna College of Arts and Science for Women	03/09/17
9	Multimodal Biometric Template Protection Using Blockchain Technology	International Istanbul Scientific Research Congress	Istanbul Scientific Research, Turkish	14/05/22 - 15/05/22

PUBLICATIONS

UGC/SCOPUS /SCIE JOURNALS

S.No	Publisher	Title	ISSN NO
1	International journal of Computer Science Engineering and Technology (IJCSET)	Hamming Code Detecting and Correcting Errors in Credit Cards Using Neural Networks	2231-0711
2	International Journal of Computer Science and Information Technologies (IJCSIT)	RFID Detect Credit Card Skimmers using Neural Networks	0975-9646
3	International Journal of Computer Science Issues (IJCSI)	Credit Card Fraud Detection using Decision Tree for Tracing Email and IP	1694-0814
4	International Journal of Future Generation Communication and Networking (IJFGCN)	Multi Biometric Authentication using Score Level Fusion and Non-Invertible Template Formation Technique	2233-7857

5	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	Partial Fingerprint Recognition of Feature Extraction and Improving Accelerated KAZE Feature Matching Algorithm	2278-3075
6	International Journal of Engineering and Advanced Technology (IJEAT)	Card Fraud Reduction Technology in Biometric Fingerprint Security Using Data Mining Algorithms	2249-8958

BOOK CHAPTERS

1. Redefining Virtual Teaching Learning Pedagogy, Book 2022(253–274) **Scrivener Publishing LLC.**
2. Healthcare Industry 4.0: Computer Vision-Aided Data Analytics Book 2022 (**CRC Press Taylor & Francis group**).

WORKSHOP/SEMINAR ATTENDED

- National Level Seminar on Recent Trends in IT Conducted by MGR Janaki College Chennai (2011).
- National Level Workshop on Ethical Hacking Computer Forensics Conducted by SRM University, Chennai (2011).
- National Level Workshop on AI & WEB Opportunities and Challenges Conducted by VIT University, Vellore (2012).
- National Level Workshop on Information Security and Cyber Crimes Conducted by Madras University, Chennai (2014).
- International Seminar on Research Performance Analysis Strategy, c (2016).
- One Day National Workshop on Open source Technology, Karpagam College of Engineering (2017)
- Two Days National Level Workshop on Cyber Security & Digital Forensics Conducted by Bharathiar University (2017).
- One Day Seminar on Future of Mobile Technologies & Artificial Intelligence Conducted by Bharathiar University (2017)
- National Seminar on Augmented Reality Conducted by Bharathiar University, Coimbatore (2019).

- National Level Workshop on Research with Patenting Conducted by SNR College, Coimbatore (2021).
- National Level Workshop on Blockchain in IoT technology Conducted by Dr.Mahalingamm College of Engineering,Coimbatore (2022)

Declaration: I hereby declare that all the above information is true to the best of my knowledge and belief.

Place: Coimbatore

Date: 13.10.22

Signature

Dr.P.Gayathiri