



Dr. S. UMA MAHESWARI

Adjunct Faculty

Contact

Address : Department of Computer Science, #G3, Science Block,
Alagappa University, Karaikudi – 630 003, Tamil Nadu

Contact Phone (Office) : 914565-223663

Contact Phone (Mobile) : 9385983958

Contact e-mail(s) : 17umeshrani@gmail.com

Academic Qualifications

Degree	Institution	Year	Branch	Class
B.Sc.	Gandhigram University, Dindigul.	2003-2006	Mathematics	First
M.C.A.	Fatima College, Madurai.	2006-2009	Computer Applications	First
M.Phil.	Alagappa University, Karaikudi	2015-2016	Computer Science and Engineering	First
Ph.D.	Alagappa University Karaikudi	2017-2022	Computer Science	Awarded

Teaching Experience

Total Teaching Experience : 2 Years

Position	Institution	Duration
Adjunct Faculty	Alagappa University	1-09-2022 to Now

Research Experience

Total Research Experience : 9 Years

Areas of Research

- Sentiment Analysis
- Data Mining
- Big Data Analytics
- Networking

Publications

International		National		Others
Journals	Conferences	Journals	Conferences	Books / Chapters / Monographs / Manuals
7	7	-	3	(Book Chapter-3)

h-index : 3

i10 index : 2

Total Citations (as on 03-03-2024) : 34

Events Participated

Number of Conferences / Seminars / Workshops: 14

List of Research Articles / Recent Publications

1. "Bandwidth Capacity Expansion & Prediction" International Journal of Advanced Research Trends in Engineering and Technology (IJARTET), Vol.3, Special Issue 20, ISSN 2394-3777, ISSN 2394-3785, April 2016.
2. "Overview of Social Media Sentiment Analysis" International Journal of Research and Analytical Reviews (IJRAR), Vol.5, Issue 3, E-ISSN 2348-1269, P-ISSN 2349-5138, August 2018.
3. "Sentiment Analysis on Social Media Big Data With Multiple Tweet Words", 'International Journal of Innovative Technology and Exploring Engineering (IJITEE)', ISSN: 2278-3075 (Online), Volume-8 Issue-10, August 2019, Page No: 3429-3434
4. "Opinion Exploration of Tweets and Amazon Reviews" International Journal of Scientific & Technology Research (IJSTR), 9(1), 2277-8616, 2019.
5. "Aspect Based Fuzzy Logic Sentiment Analysis on Social Media Big Data", IEEE Xplore 978-1-7281-4988-2/20, Page No: 0971-0975.
6. "Opinion Mining on Integrated Social Networks and E-Commerce Blog", 'IETE Journal of

Research (IETE - JR)', 0974-780X (Online), DOI: 10.1080/03772063.2021.1886603, 28 February 2021.

7. "Detection of Fake and Genuine Reviews with Hybridization of Fuzzy and Neural Networks Techniques", 'Informatica Journal, ISSN: 0868-4952 (Online), Volume-32, Issue-4, April - 2021, Page No: 74-95.
8. "Sentiment Analysis of Tweets in Social Media Over Covid-19 Span." Algorithm for Intelligent Systems (ISSN: 2524-7565), January-2022, Page No: 519-536, Springer.
9. "Analysis of Approaches for Irony Detection in Tweets for Online Products", Advances in Intelligent Systems and Computing (ISSN: 2194-5357), May-2022, Springer.
10. "Improved Ensemble Based Deep Learning Approach for Sarcastic Opinion Classification", Multimedia Tools and Applications (ISSN: 1573-7721), October 2023, Springer.