



| <u>Department of Information Technology</u> | | | | |
|---|--|-----------|-----------|--|
| NAME | Dr. A. Solairaj | | | |
| UNIQUE ID | FD6054 | | | |
| DESIGNATION | Associate Professor | | | |
| QUALIFICATION | M.E., Ph.D., | | | |
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| EXPERIENCE | INDUSTRY | TEACHING | TOTAL | |
| | - | 16.4Years | 16.4Years | |
| DATE OF JOINING THE INSTITUTION | 02-01-25 | | | |
| RESEARCH FOCUS | Data mining, Big Data, Data Science | | | |
| SUBJECT COMPETENCY | Data Structures, Data Mining, Data Warehousing, Programming in C | | | |
| NO OF JOURNAL PUBLICATION (INTERNATIONAL/NATIONAL) | 11 | | | |
| NO OF CONFERENCE ATTENDED | 14 | | | |
| NO OF BOOKS PUBLISHED | 02 | | | |

Academic Credentials :

| Level | Degree | Specialization | University | Year of Completion |
|-------|--------|----------------|--------------------------|--------------------|
| Ph.D. | I&CE | Data mining | Anna University, Chennai | 2017 |
| PG | M.E | CSE | Anna University, Trichy | 2010 |
| UG | B.E | CSE | Anna University, Chennai | 2006 |

Details of Journal Publication:

1. **A. Solairaj**, 2023, "Enhanced Elman spike neural Network based sentiment analysis of online product recommendation", Applied Soft Computing, Elsevier, vol.132, DOI: 10.1016/j.asoc.2022.109789.
2. **A. Solairaj**, 2023, "Smart Contract-Based Advanced Financial Security System: A Literature Review", IEEE Xplore, ISBN:979-8-3503-0571-5.
3. **A. Solairaj**, 2023, "Alzheimer's disease detection using Multi Atlas segmentation based on Temporal group sparse regression", IEEE Xplore, ISBN:979-8-3503-1707-7
4. **A. Solairaj**, 2022, "Block chain fostered cycle-consistent generative adversarial network framework espoused intrusion detection for protecting IoT network", Emerging Telecommunications Technology, Wiley, vol.33, issue.11, DOI:10.1002/ett.4578.
5. **A. Solairaj**, 2019, "TRI-SEC for Files using AWS", Journal of Applied Science and Computations, ISSN NO: 1076-5131, pp.91-96, Volume-6-Issue-3, 2019.
DOI: 16. 10089. JASC. 2018. V6I4. 453459.1890010336.
6. **A. Solairaj**, 2019, "A Cognitive Privy Humanoid Robot", International Journal of Recent Trends in Engineering & Research, ISSN NO : 2455-1457, pp:409-413.
7. **A. Solairaj**, 2019, "Finding Nearest Location Using Data Mining And Map reduce", International Journal of Recent Trends in Engineering & Research, ISSN NO : 2455-1457, pp:457-461.
8. **A. Solairaj**, 2019, "IoT based Online Referendum using Trusted Endorsement System", International Journal of Recent Trends in Engineering & Research, ISSN NO : 2455-1457, pp:462-467
9. **A. Solairaj**, 2016, "Key loggers Software Detection Techniques", IEEE Xplore, ISBN: 978-1-4673-7808-6.
10. **A. Solairaj**, 2016, "Enhancing Classifiers Performance using Data Quality Checking", Asian Journal of Research in Social Sciences and Humanities 6(5), pp. 845-858, 2016.
11. **A. Solairaj**, 2015, "Identification of key loggers in mobile devices using Support vector machine", International Journal of Applied Engineering Research. ISSN 0973-4562. Vol.10 No.55.

Details of Book Publication:

1. **Book Series:** Algorithms for Intelligent Systems.

Chapter: 2C-CNN-LSTM: Two-Channel Convolutional Neural Network-Long Short-Term Memory Deep Learning for Categorization of Autism Using EEG Data (Online ISBN: 978-981-99-3485-0).

Publication: Springer Nature Singapore Publications.

DOI: 10.1007/978-981-99-3485-0_51

2. **Book Series:** Recent Trends in Data Science and its Applications.

Article: Analysis of the Market Capability and Forecast of the Presence of Drugs using Neural Networks (Online ISBN: 978-981-99-3485-0).

Publication: River Publishers.

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