



**Dr. P. SUBHASRI**

**Teaching Assistant**

### Contact

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### Academic Qualifications

| Degree  | Institution  | Year | Branch                                    | Class                                |
|---------|--|------|---|--------------------------------------|
| Ph. D   | Alagappa University - Karaikudi  | 2018 | Computer Science                          | Commended                            |
| M. Phil | Alagappa University - Karaikudi  | 2013 | Computer Science                          | Commended University I Rank          |
| M.Sc.   | Sri Sarada Niketan College for Women, Devakottai<br>Affiliated to Alagappa University  | 2012 | Computer Science & Information Technology | First Class with Distinction (83.6%) |
| B. Sc   | Dr.Umayal Ramanathan College for Women, Karaikudi<br>Affiliated to Alagappa University | 2010 | Information Technology                    | First Class (70.5%)                  |

## Teaching Experience

Total Teaching Experience : 6 Years

| Position           | Institution   | Duration               |
|--------------------|---|------------------------|
| Teaching Assistant | Department of Computer Science, Alagappa University, Karaikudi          | July 2024 to till date |
| Adjunct Faculty    | Department of Computer Science, Alagappa University, Karaikudi          | Dec 2023 to May 2024   |
| Teaching Assistant | Alagappa Institute of Skill Development, Alagappa University, Karaikudi | Oct 2017 to May 2023   |

## Research Experience

Total Research Experience : 11 Years

| Position           | Institution / University | Duration          |
|--------------------|--------------------------|-------------------|
| Research Scholar   | Alagappa University      | 2013 to 2018      |
| Teaching Assistant | Alagappa University      | 2018 to till date |

## Academic and Additional Responsibilities

| S. No. | Position               | University Bodies | Period |      |
|--------|------------------------|-------------------|--------|------|
|        |                        |                   | From   | To   |
| 1      | Department Coordinator | NIRF Ranking      | 2019   | 2023 |
| 2      | Department Coordinator | AQAR/IQAC         | 2021   | 2023 |
| 3      | Department Coordinator | Swayam            | 2019   | 2021 |

## Areas of Research

- Medical Contents Security
- Cloud Computing
- Image Processing

## Research Supervision / Guidance

| Program of Study |             | Completed | Ongoing |
|------------------|-------------|-----------|---------|
| Project          | PG          | 8         | -       |
|                  | UG / Others | 60        | -       |

## Publications

| International |             | National |             | Others                                  |
|---------------|-------------|----------|-------------|---|
| Journals      | Conferences | Journals | Conferences | Books / Chapters / Monographs / Manuals |
| 19            | 09          | -        | 08          | 01                                      |

**Cumulative Impact Factor (as per JCR) : 5.1**

**h-index : 5**

**i10 index : 5**

**Total Citations : 115**

## Distinctive Achievements / Awards

- University I Rank in M.Phil from Alagappa University
- Got first prize for ESSAY WRITING COMPETITION for Vallal Alagappan 110<sup>th</sup>, 111<sup>th</sup>, 112<sup>th</sup>, 114<sup>th</sup> Birthday Celebrations Conducted by Alagappa University
- Certified in PRATHAMIC Hindi Examination

## Events organized in leading roles

Number of Seminars / Conferences / Workshops / Events organized: 10

| Position             | Programme  | Duration                                      | Institution  |
|----------------------|--|---|--|
| Organizing Secretary | TechFest - 2022  | 22 <sup>nd</sup> Dec 2021                     | Alagappa Institute of Skill Development, Alagappa University |
| Event Organizer      | TechFest - 2018  | 16 <sup>th</sup> Oct 2018                     | Alagappa Institute of Skill Development, Alagappa University |
| Event Coordinator    | South Zone Inter-University Folk Festival (URUMI-2018) | 9 <sup>th</sup> – 11 <sup>th</sup> March 2018 | Alagappa Institute of Skill Development, Alagappa University |
| Event Organizer      | FACON FEST – 2018                                      | 28 <sup>th</sup> Feb 2018                     | Alagappa Institute of Skill Development, Alagappa University |

|                             |   |  |   |
|-----------------------------|---|--|---|
| Organizing Committee Member | National Conference on Emerging Trends in Computing                                 | 13 <sup>th</sup> – 14 <sup>th</sup> March 2017 | Department of Computer Science, Alagappa University                                     |
| Organizing Committee Member | Carrer Prospects and Developments in Computer Science                               | 27 <sup>th</sup> – 28 <sup>th</sup> Feb 2017   | University Collaboration Centre and Department of Computer Science, Alagappa University |
| Technical Committee Member  | International Conference on Innovations in Computer Science and Technology (ICICST) | 4 <sup>th</sup> – 5 <sup>th</sup> April 2016   | Department of Computer Science and Engineering, Alagappa University                     |
| Organizing Committee Member | International Workshop on Data Science and Analytics                                | 27 <sup>th</sup> – 28 <sup>th</sup> Sep 2016   | Department of Computer Science, Alagappa University                                     |
| Technical Committee Member  | National Seminar on Advances in Computer Science                                    | 21 <sup>st</sup> – 22 <sup>nd</sup> Oct 2016   | Department of Computer Science, Alagappa University                                     |
| Organizing Committee Member | ALUTES 2016   | Sep 2016                                       | Alagappa University   |

## Events Participated

Number of Conferences / Seminars / Workshops: 12

## List of Research Articles / Recent Publications

| S. No. | Authors/Title of the paper/Journal  | Impact Factor |
|--------|---|---------------|
| 1      | Dr.P.Subhasri, “Efficiency Enhancement using Least Significant Bits Method in Image Steganography”, IEEE Scopus Publication, 2022, <a href="https://ieeexplore.ieee.org/document/10029071">https://ieeexplore.ieee.org/document/10029071</a> .  | 0.3           |
| 2      | Subhasri, Prabhakaran, and Arumugam Padmapriya (2021) Cryptanalysis for securing DICOM medical contents using multilevel encryption, International Journal of Biomedical Engineering and Technology 36.4 (2021): 350-357.   | 0.68          |
| 3      | Dr.P.Subhasri, “Investigation on Data Mining and Machine Learning Techniques in Rheumatoid Arthritis Disease Research and Its Outcomes”. EAI/Springer Innovations in Communication and Computing. Springer, Cham. <a href="https://doi.org/10.1007/978-3-030-49795-8_71">https://doi.org/10.1007/978-3-030-49795-8_71</a> . | 0.4           |
| 4      | Dr.P.Subhasri, “Edge Filtering through Recursive Application using Canny Edge Detector algorithm on small sub-blocks in an Image”, IEEE Scopus Publication, 2020, <a href="https://ieeexplore.ieee.org/document/9215304">https://ieeexplore.ieee.org/document/9215304</a> .   | 0.5           |
| 5      | Dr.P.Subhasri, “Cloud Based User Analytics And Dynamic Page   | 1.0           |

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|----|---|------|
|    | Refreshment Application For Web Portal”, International Journal of Recent Technology and Engineering (IJRTE),Volume-8, Issue-2, July 2019, pp. 6217-6219.  |      |
| 6  | Dr.P.Subhasri, “Image Encryption using Advanced Multilevel Encryption”, Global Journal of Engineering Science and Researches”, Volume 6 (Issue 5), 2019, pp. 519-524.   |      |
| 7  | P.Subhasri and Dr.A.Padmapriya, “Authentication based Access Control mechanism for Ensuring Privacy of DICOM contents in Public Cloud”, Aust. J. Basic & Appl. Sci., 11(10): 2017, pp. 128-136.   | 0.34 |
| 8  | Subhasri, P; Padmapriya, A (2017), “Cryptanalysis of Digital Imaging and Communications in Medicine (DICOM) Medical contents Encryption using Modified Vigenere Cipher and Multilevel Encryption”, Research Journal of Pharmaceutics, Biological and Chemical Sciences, Sep-Oct. 2017, Volume 8 (Issue 5), Page No. 485-493 | 0.9  |
| 9  | P.Subhasri and Dr.A.Padmapriya, “Security Issues involved in sharing of Healthcare Information’s Through Cloud Storage”, International Journal of Engineering and Technology (IJET), Vol 9 No 5 Oct-Nov 2017, pp. 3636-3639.  | 1    |
| 10 | P.Subhasri and Dr.A.Padmapriya, "Securing DICOM content in a public cloud using Transposition based AES", International Journal of Advanced Research Trends in Engineering and Technology (IJARTET), Vol. 3, Special Issue 20, ISSN 2394-3777, April 2016, pp. 507 – 510.   |      |
| 11 | P.Subhasri and Dr.A.Padmapriya, “Enhancing the Security of DICOM content using modified Vigenere cipher”, International Journal of Applied Engineering Research (IJAER), ISSN 0973-4562, Vol. 10 No.55, June 2015, pp. 1951 – 1956.   | 0.4  |
| 12 | P.Subhasri and Dr.A.Padmapriya, “Ensuring security of DICOM content using Transposition Based AES”, Elsevier Data Science and Engineering,http://www.elsevierst.com/ConferenceBookdetail.php?pid =92, January 2015, pp. 159 - 163.  |      |
| 13 | P.Subhasri and Dr.A.Padmapriya, “Multilevel Encryption for Ensuring Public Cloud”, International Journal of Advanced Research in Computer Science and Software Engineering (IJARCSSE), Volume 3, Issue 7, July 2013, ISSN: 2277 128X, pp. 527 – 533.  |      |
| 14 | P.Subhasri and Dr.A.Padmapriya, “An Implementation of Reverse Caesar cipher (RCC) Algorithm in Google Cloud using Cloud SQL”, International Journal of Computer Trends and Technology (IJCTT), Volume 4 Issue 7, July 2013, pp. 2257 – 2262.  |      |
| 15 | P.Subhasri and Dr.A.Padmapriya, “Implementation of Reverse Caesar Cipher Algorithm for Cloud Computing”, International Journal For Advance Research In Engineering And Technology (IJARET), Vol. 1, Issue VI, July 2013 ISSN 2320-6802, pp. 43 – 46.  |      |
| 16 | Dr.A.Padmapriya and P.Subhasri, “Cloud Computing: Reverse Caesar Cipher Algorithm to Increase Data Security”, International Journal of Engineering Trends and Technology (IJETT), Volume 4 Issue 4- April   |      |

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|----|--|--|
|    | 2013, pp. 1067 – 1071.   |  |
| 17 | Dr. A. Padmapriya and P.Subhasri, “Cloud Computing: Security Challenges & Encryption Practices”, International Journal of Advanced Research in Computer Science and Software Engineering (IJARCSSE), Volume 3, Issue 3, March 2013, ISSN: 2277 128X, pp 225 – 229. |  |

Date : 04-11-2024

Place : Karaikudi

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