



**Dr. P. SUBHASRI**

**Adjunct Faculty**

### Contact

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### Academic Qualifications

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

## Teaching Experience

Total Teaching Experience : 6 Years

Position	Institution	Duration
Adjunct Faculty	Department of Computer Science, Alagappa University, Karaikudi	Dec 2023 till date
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, AISD	NIRF Ranking	2019	2023
2	Department Coordinator, AISD	AQAR/IQAC	2021	2023
3	Department Coordinator, AISD	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 Refreshment Application For Web Portal”, International Journal of Recent Technology and Engineering (IJRTE), Volume-8, Issue-2, July 2019, pp. 6217-6219.	1.0
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, <a href="http://www.elsevierst.com/ConferenceBookdetail.php?pid=92">http://www.elsevierst.com/ConferenceBookdetail.php?pid=92</a> , 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 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.	