



Dr. S. ARUNPANDIAN

Teaching Assistant

Contact

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Academic Qualifications

Degree	Institution	Year	Branch	Class
Ph.D	Alagappa University - Karaikudi	2023	Computer Science	Highly Commended
M.Phil	Alagappa University - Karaikudi	2017	Computer Applications	Commended
M.C.A	St.Joseph's College, Trichy	2015	Computer Science	First Class (78.1%)
B.Sc	Alagappa Govt. Arts college, Karaikudi.	2012	Computer Science	First Class (72.31%)

Teaching Experience

Total Teaching Experience : 1.5 Years

Position	Institution	Duration
Teaching Assistant	Department of Computer Science, Alagappa University, Karaikudi	July 2024 till date
Assistant Professor	Department of Computer Science, Government Arts College for Women, Pudukkottai,	Sep 2022 to March 2024

Research Experience

Total Research Experience : 6 Years

Position	Institution / University	Duration
Research Scholar	Alagappa University	From 2017 till date

Areas of Research

Information Security

- Computer Vision
- Machine Learning

Program of Study	Completed	Ongoing

Research Supervision/Guidance

Research	PDF	-	-
	Ph.D	-	-
	M.Phil	-	-
Project	PG	-	-
	UG/ Others	9	-

Publications

International		National		Others
Journals	Conferences	Journals	Conferences	Books/Chapters/Monographs/Manuals
2	2	-	3	

Cumulative Impact Factor (as per JCR) :-

h-index :2

i10 index :-

Total Citations : 10

Funded Research Projects

Completed Projects:

S.No.	Agency	Period		Project Title	Budget (Rs.In lakhs)
		From	To		
1	RUSA 2.0	2018 - 2020		Innovative Mechanism for Ensuring Security of Biometric Data	0.80

Events Participated

Number of Conferences/Seminars/Workshops: 10

List of Research Articles / Publications

S. No.	Authors/Title of the paper/Journal	Impact Factor
1	S.Arunpandian, Dr.K.Mahesh “Image Enchiperment using Genetic Algorithm” International Journal of Engineering and Technology (IJET) ISSN: 2319-8613, Vol 9, No 5, P.P: 3570-3574, 2017, DOI: 10.21817/ijet/2017/v9i5/170905311	3.023
2	S.Arunpandian, Dr.K.Mahesh “A Review on Various Encryption Techniques and Quality Metrics for Images” International Journal for Modern Trends in Science and Technology.ISSN No: 2455-3778, Vol 3, Issue 07, P.P :72-176, 2017	2.01
3	S.Arunpandian, Dr.S.S.Dhenakaran “A Study of Crimes in Cyberspace” International Organization of Scientific Research JOURNAL OF ENGINEERING (IOSR-JEN) Volume: 08, Issue: 07, December 2017, ISSN : 2250-3021, pp 38-46	1.02
4	S.Arunpandian, Dr.S.S.Dhenakaran “Encrypting Demography Information to 2D image” International Journal of Applied Engineering Research (IJAER) ISSN 0973-9769	1.09
5	Arunpandian, S., Dhenakaran, S. S. (2019). “IoT Enabled Visual Recognition Model for Biometric Authentication” . International Journal of Advanced Trends in Computer Science and Engineering, ISSN 2278-3091 Volume 8, No.5, P.P 2449-2452.	1.07
6	Arunpandian, S., Dhenakaran, S. S. (2020). “Encryption Mechanism For Concealing Images” ,International Journal of Scientific & Technology Research Volume 9, ISSUE 01, ISSN 2277-8616, P.P 3912-3914,2023.	2.05
7	Arunpandian, S., Dhenakaran, S. S. (2021). “DNA based Computing Encryption Scheme Blending Color and Gray Images” . IEEE Xplore, 2020, ISBN- 978-1-7281-4988-2 P.P-0966-0970.	-
8	Arunpandian, S., Dhenakaran, S. S. (2021). “A novel key and image concealing with static-dynamic pattern using modified periodic table” . Journal of Information Security and Applications, 63, 103019.	5.06
9	Arunpandian, S., Dhenakaran, S. S. (2021).”An effective image compression technique based on burrows wheeler transform with set partitioning in hierarchical trees” . Concurrency and Computation: Practice and Experience, 34(5), e6705.	1.5