



NAME : Dr. L. Sathiya
DESIGNATION : Adjunct Faculty

Contact

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AcademicQualifications

Degree	Institution	Year	Branch	Class
Ph.D.	AlagappaUniversity,Karaikudi	2023	ComputerScience	HighlyRecommended
M.Phil	AlagappaUniversity,Karaikudi	2014	ComputerScience	First Class with Distinction
M.Sc.	AlagappaUniversity,Karaikudi	2013	ComputerScience	FirstClasswith Distinction
B.Ed	Tamilnadu TeachersEducationUniversity	2011	ComputerScience	FirstClasswith Distinction
B.Sc.	BharathidasanUniversity,Trichy	2010	ComputerScience	FirstClass

Teaching Experience

Total Teaching Experience : 4 Years

Position	Institution	Duration
Teaching Assistant	Department of Computer Applications, Alagappa University, Karaikudi	2015 to 2018
Teaching Assistant	Department of Computer Applications, Alagappa University, Karaikudi	August 2023 to Till Now

Research Experience

Total Research Experience : 6 Years

Position	Institution/University	Duration
Research Scholar – Full Time UGC-NFSC	Department of Computer Applications, Alagappa University, Karaikudi	1.03.2018 to 1.03.2022

Areas of Research

- Network Security
- Image Processing
- Biometrics
- Artificial Intelligence
- Pattern Recognition

Publications Details

International		National		Others
Journals	Conferences	Journals	Conferences	Books/Chapters/Monographs/Manuals
5	4		2	2

Cumulative Impact Factor (as per JCR) : 3.68

h-index : 03

i10 index :-

Total Citations

:12

Awards/Achievements

1. UGC-NFSC Award
2. Reviewer of Futuristic Trends in Artificial Intelligence, IIP International Publishers USA & India, on 14th October 2023

Events organized in leading roles

Number of Seminars/Conferences/Workshops/Events organized:

Position	Programme	Duration	Institution
Organizing Committee Member	One day National Seminar on “Artificial Intelligence in Healthcare Diagnosis and Beyond”	20.10.2023	Department of Computer Applications, Alagappa University
Organizing Secretary	National Conference on “Recent Research Trends in Computer Science (NCRRTCS’19) Sponsored under RUSA Phase 2.0	04.11.2019	Department of Computer Applications, Alagappa University
Technical Committee Member	International Conference on “Information, Communication and Digital Security (ICICDS 2018)	21 st and 22 nd March 2018	Department of Computer Applications, Alagappa University
Technical Committee Member	DST-PURSE Sponsored Two days National Seminar on “Recent Research Trends and Developments in Computer Science	8 th and 9 th March 2019	Department of Computer Applications, Alagappa University
Technical Committee Member	Two days Short Term Training Programme on “Hands on Training in Computer Networks and R Programming”	31st January and 1st February 2018	Department of Computer Applications, Alagappa University

Events Participated

Number of Conferences/Seminars/Workshops: 20

List of Research Articles/Recent Publications

S. No	Authors/Title of the paper/Journal	Impact Factor
1	Sathiya.L and Dr.V.Palanisamy, "Finger knuckle pattern person authentication system based on monogenic and LPQ features", Published on 06 Jan 2022 in Pattern Analysis and Applications (SCIE), IF-2.307.	2.307
2	Sathiya.L and Dr.V.Palanisamy, "DCNN Based Finger Knuckle Print Recognition Using C-ROI Morphological Segmentation and Derivative Line extraction", Accepted in China Communications and waiting for Publication (SCIE).	3.17
3	Sathiya.L and Dr.V.Palanisamy, "Minor finger knuckle print image edge detection using Second Order Derivatives", 2019 3rd International Conference on Trends in Electronics and Informatics (ICOEI) IEEE Xplore (Scopus)-2019.	-
4	Sathiya.L and Dr.V.Palanisamy, "A Survey on Finger Knuckle Print based Biometric Authentication", International Journal of Computer Sciences and Engineering (UGC Approved)-2018.	3.802
5	Sathiya.L and Dr.V.Palanisamy, "Minor finger knuckle print image enhancement using CLAHET technique", International conference on Computational Vision and Bio Inspired Computing, Springer lecture notes (Scopus)-2018.	-

Publications–International Conference

1. L.sathiya, Dr. V. Palanisamy, Two Days International conference ICRTESCS @20, Idhaya College for women, Kumbakonam 3-4, February, 2020.
2. L.sathiya, Dr. V. Palanisamy, 3rd international conference on trends in electronics and informatics (ICOEI 2019), SCAD College, Thirunelveli, on 23-25, April 2019.
3. L.sathiya, Dr. V. Palanisamy, International conference on computational intelligence and applications (ICCIA-2019), Department of computational logistics, Alagappa University, on 8-9 August 2019.
4. L.sathiya, Dr. V. Palanisamy, National Conference on Recent Research Trends in Computer Science, Department of Computer Applications, Alagappa University, on 4 November 2019.
5. L.sathiya, Dr. V. Palanisamy, National Conference on Recent Trends and Advances in the field of IT, KAHE, Coimbatore on 28 September 2018.
6. L.sathiya, Dr. V. Palanisamy, 2018 international conference on computational vision and bio inspired computing (ICCVBIC), RVS college, Coimbatore, on 29-30, November 2018.

PUBLICATIONS–Book Chapters

1. L.Sathiya, Dr.V.Palanisamy "Minor finger Knuckle print image edge detection using second order derivatives" in trends in Electronics and Informatics, book series (IEEE, Volume pages 1227-1231) Apr 2019 (Scopus).
2. L.Sathiya, Dr.V.Palanisamy "Minor Finger Knuckle Print Image enhancement using CLAHET technique" in Computational Vision and Bio-inspired computing, book series (SPRINGER, Volume pages 681-688) 29 Sep 2020 (Scopus).

Date : 26.02.2024

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