

Dr. A.SHYAMALA

ASSOCIATE PROFESSOR
Department of information tecknology
Vellammal college of engineering technology Madurai
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Carreer Objective

To join an organization that will recognize and utilize my skills fully and offer me a position requiring innovative and creative ideas where continuous growth and learning are way of life.

Academic Profile

Ph.D <u>Information and Communication Engineering</u> (2020) University : Anna University, Tamil Nadu Institution: Syed ammal engineering college Ramnad	GradeA
M.E Applied electronics (1999) University : Madurai kamaraj university Institution Mohamed sathak engineering college kilakarai	1 st Class 72%
B.E Electronics and Communication (1997) University . <i>Bharathithasan university</i> Institution :periyar maniammai college of technology for women Vallam thanjavur	II nd class 58%
Higher Secondary {1993 } Board: State Board of TamilNadu School: Government girls higher secondary school Manamadurai	83 %
SSLC (1991) Board: State Board of TamilNadu School: Government girls higher secondary school Manamadurai	92 %

Subject Taught So far

- 1.Digital Communication for Pre Final ECE - 6 Times
- 2.Analog Communication For Second Year IT/CSE -3 Times
- 3.Wireless Communication for Final ECE IT-4 times
- 4.5.Soft Computing For Final ECE (Elective)-3 times
- 5.Antenna and wave propagation For Final year IT -1 time
6. Rf and microwave engineering For Final ECE-1 Time
7. Electronic Circuits II For second year ECE -2 Times
Etc...

Working Experience

Name of the Institution	Designation	Joining Date	Relieving Date	Experience	
				Years	Months
Mohamed Sathak Engineering College	Assistant Professor	2/6/1998	3/7/2020	12	00
Mohamed sathak engineering college	Associate professor	3/7/2020	Till date	14	00
Teaching Experience				26	00

Area of interest

1. Digital image processing
2. Wireless communication
3. Rf and microwave engineering

Ph.D thesis

Certain investigations on moving vehicle detection and classification using soft computing techniques

PG Projects

Design and implementation of DATA ACQUISITION SYSTEM using sensor network

Book Publication

Shyamala .A,2023, "CERTAIN INVESTIIGATIONS ON MOVING VECHICLE DETECTION AND CLASSIFICATION", Lambert AcademicPublishing, ISBN no:978-620-6-15383-2

Patent

1. TITLE An Image Processing System Based On Iot For Obstacle Detection On Roads
Patent No 2021100888
Award Date 2021;02 23
Agency Country NSW2096 AUSTRALIA
Status PUBLISHED
2. TITLE IOT BASED AUTOMAIC VECHICLE TRACKING DEVICE
Patent No 382529001
Award Date 29/03/2023
Agency Country Government Of India
3. Title A System For Monitorng Agricultral Waste By Image Processing System Based Oniot
Patent No 202311007290 Government Of India
Award Date 05/02/2023
4. Title An Intelligent Self Protection System For Iot With Coginitive Fog Computing
Patent No 2021100988
Award Date 14th April 2021
Australian Government

List Of Papers Published in SCI Journal (Annexure 1)

1. Shyamala,A,Selvaperumal ,S.Prabakar G2018 Anfis Classifier Based Moving Object Detection And Segmentation In Indoor And Out Door Environments,Journal Of Current Signal Transduction Therapy bentham Science Publishers Vol 13 No1 Pp1-8 Online Issn 2212-389xprint Issn1574-3624 Annexure 1
2. Shyamala,A,Selvaperumal Ramasubramanian S.Prabakar G 2019 Detection Of Moving Object In Dynamic Visual Sequences Based On Partial Least Square Classifier, Journal Of Medical Systems Vol 43no 8 Pp 259 91 To10 Annexure 1
3. Shyamala, S,Murugeswari G.Mahendran &G.Jothi Chitra 2023 Hybrid Grey Assisted Whale Optimization Based Machine Learning For The Covid 19 Prediction , Computer Methods In Biomedical And Bio Mechanical Engineering Doi 10.1080 /10255842.2023.2292008
4. Muthuvel Arun Prasad Lakshmi Adhi &Shyamala 2023 Crossover Smell Agent Optimized Multilayer Perceptron For Precise Brain Tumor Classification On MRI Images Journal Of Elsevier Expert System With Applications doi .org/10,1016/j.eswa 2023.121453

LIST OF PAPERS PUBLISHED IN UGC CARE JOURNAL

1. Dr.A.Shyamala et. al “Comparative Performance Analysis of Pre Processing Techniques in CT Angiogram Images”IJMTST
2. Dr.A.Shyamala et. al “Investigation on Image Encryption Using Chaos Based Techniques
3. Dr.A.Shyamala et. al “Tracking the Nano Particles using Multi tracking Method Human crowds

National & International Conferences

1. Presented a paper entitled “Automatic Detection Of COVID 19 and Viral Pneumonia Using X-ray Images and Deep Convolutional Neural Network” at “ 5th International Conference on Engineering,Technology and Science in Muthayammal Engineering college on 26.03.2021.
2. Presented a paper entitled “Temperature Effect in Scattered SiNW MOSFET” at “International Conference on Advances in Applied Engineering & Technology Technology in Syed Ammal Engineering college on 15.05.2015.
3. Presented a paper entitled “Modeling Of Feature Nano Transistor” at “International Conference on Recent Computing & Communication Technology in St.Michael College Of Engineering And Technology on 20.03.2015.
4. Presented a paper entitled “Effects Of scattering in SiNW MOSFET” at “International Conference on Nanotechnology (NANOCON 14)” in Bharati Vidyapeeth Deemed University on 14.10.2014
5. Presented a paper entitled “Effect of scattering in SiNW MOSFET” at “National level seminar on Recent Development in Nano materials” in Mohamed sathak engineering college on 11.04.2013.
6. Presented a paper entitled “Traffic Safety using profile- Driver Adaptive warning distribution scheme” at “International Conference on emerging trends in Engineering and technology” in Pandiyan saraswathi yadav engineering college on 08.03.2014.
7. Presented a paper entitled “Security based mobile routing in space craft network” at “International Conference on emerging trends in Engineering and technology” in Pandiyan saraswathi yadav engineering college on 07.03.2014.
8. Presented a paper entitled “VLSI Implementation of Multi layer error control for network on chip” at “International Conference on Informatics computics & networktics” in VINS Christian college of engineering on 26.02.2013.

Dr. A.SHYAMALA

Seminar, Workshop Conducted as a Convener / Co-ordinator

1. Conducted Two days hands on training on “image processing using matlab” by Dr.Ramasubramanian SRM TRP Engineering college SRM group of institution Trichyai on September 20 2023 Mohamed Sathak Engineering College.
2. Conducted One day Webinar on IOT by Mr.Jishnu, Project Pantech E learning, on May 19th 2020 Mohamed Sathak Engineering College.

Activities

1. An women empowerment cell iCoordinator of Mohamed Sathak Engineering college from March 2020 to July 2021.
2. Completed 5-day online FDP on the theme “Inculcating Universal Human Values in Technical Education” organized by All India Council for Technical Education(AICTE) from 3rd January, 2022 to 7th January, 2022.
3. Served as Resource person for FDP and Workshops conducted in various organizations in Anna university and Other Universities.
4. Act as a reviewer more than six international journals in Information and Communication engineering areas.
5. Conducted two national conferences and three workshops in Mohamed sathak Engineering college.
6. Provide above 90% results for more than 16 subjects during the period 2011 to 2020
7. Actively participated and earned certificates around 20 online webinars during Covid19 Pandemic period

Personal Details

Father's Name	R.Alagar
Date of Birth	25 th may 1976
Sex	Female
Marital Status	Married
Nationality	Indian
Permanent Address	Meenakshi nagar 1 st street old check post pattinamkathan ramnad
Contact Number	+91 9994586271

Declaration:

I hereby confirm that the information given above this is true to the best of myknowledge.



DrA.Shyamala