


Name:	ARUNA DEVI R	
Designation:	Assistant Professor	
Qualification:	B.E,M.E,(PhD)	
Number of workshop/ FDP/STTP attended:	Number of Workshops	Number of FDPs
	3	10
Journal & conference Publication	11	
Patents	1	
Number of NPTEL course Completed	3	
Professional Body Membership	1. IEEE membership 2. IAENG membership	

Experience Summary

Over all experience of 9 Years10 Months as teaching staff.

- Working as an Assistant Professor (CSBS) in **Sri Sairam Engineering College**, Tambaram (6th June 2024 to till date).
- Worked as an Assistant Professor (CSE) in **Prince Shri Venkateshwara Padmavathy Engineering college**, Ponmar (11th Sep 2022 to 9th May 2024).
- Worked as an Assistant Professor (CSE) in **SMK Fomra Institute of Technology**, Kelambakkam (19th Aug 2021 to 9th Sep 2022).
- Worked as an Assistant Professor (CSE) in **PRIST UNIVERSITY**, Manamai. (21st Aug 2019 to 24th April 2021).
- Worked as an Assistant Professor (CSE) in **Indira Gandhi College of Engineering and Technology for Women**, Chengalpattu. (1st Aug 2014 to 4th April 2019).

Roles & Responsibilities

- Taught under graduate level courses for the Bachelor of Computer Science and Engineering. Responsible for lectures, exams, assignments, Counselor, lab in charge, projects and supervision of graduate projects.
- Exam Cell Coordinator: Acting as Exam cell coordinator of college. In this role am responsible Conducting/Organizing Anna University Practical and Theory Examinations for the entire college.
- AICTE: In- charge for AICTE Work.

- Acted as a Coordinator for NAAC and NBA for the college.
- Admission work
- In charge of Department ERP software – ROVEN IMS.

Corporate Trainings

- Undergone INPLANT TRAINING in “**BHARATH SANCHAR NIGAM LIMITED**”(BSNL), Tambaram.
- Undergone INPLANT TRAINING in “**ADHITYAA INFOMEDIA SOLUTIONS**” (Java Programming).

Paper Presented

- Presented a paper entitled as “**CAMOUFLAGING WORM PROPAGATION AND DETECTION**” in the National Conference on “Adhi College of Engineering and Technology” organized by Department of Information Technology.
- Presented a paper entitled as “**INTERFIREWALL OPTIMIZATION ACROSS ADMINISTRATIVE DOMAINS FOR ENABLING PRIVACY PRESERVING AND SECURITY**” in the International Conference on “Vels University”.
- Presented a paper entitled as “**FAST CALCULATION OF HARALICK TEXTURE FEATURES TO DETECT GLAUCOMATOUS USING NEURAL NETWORK TECHNIQUES**” in the International Conference on Karpagam College of Engineering.
- Presented a paper entitled as “**SECURING MANET FROM ATTACKS USING HYBRID CRYPTOGRAPHIC TECHNIQUES**” in the International Conference on ARM College of Engineering and Technology.
- Presented a paper entitled as “**INTERFIREWALL OPTIMIZATION ACROSS ADMINISTRATIVE DOMAINS FOR ENABLING PRIVACY PRESERVING AND SECURITY**” in the International Conference on “S.A Engineering College”.
- Presented a paper entitled as “**CLASSIFICATION OF CUSTOMERS USING CHURN IN MACHINE LEARNING**” in the International Conference on Research Innovation in Science, Engineering and Technology, Kings Engineering college of Technology.
- Presented a paper entitled as “**Heart Failure Prediction using Machine Learning Algorithm**” in IEEE Mysurucon 2022-The Mysore subsection Flagship International Conference on October 2022.
- Presented a paper entitled as “**Decoding and Analyzing consumer Feedback for companies and Goods using Machine Learning**” in international conference on Artificial Intelligence and Smart Energy on “JCT college of Engineering and Technology” (2023).
- Presented a paper entitled as “**An Advance strategy for Efficient Agricultural Production using Machine Learning**” in international conference on Automation, Computing and Renewable systems (ICACRS-2023).

Publications

Paper published in international Journal “**INTERFIREWALL OPTIMIZATION ACROSS ADMINISTRATIVE DOMAINS FOR ENABLING PRIVACY PRESERVING AND SECURITY**”-IJCSIT (International Journal of Computer Science and Information Technology) in volume 4(6), 2013, 808-812.

Paper published in International Journal “**INCREASING THROUGHPUT EFFICIENCY OF AD-HOC COGNITIVE RADIO NETWORKS USING NEURAL NETWORK TECHNIQUES**”-IOSR (International Organization of Scientific Research) in volume 8, Issue 4, Nov – Dec 2013.

Paper published in IEEE “**INTERFIREWALL OPTIMIZATION ACROSS ADMINISTRATIVE DOMAINS FOR ENABLING PRIVACY PRESERVING AND SECURITY**”-ICICES (Information Communication and Embedded Systems) in ISBN 978-1-4799-3835-3.

Paper published in International Journal “**DATA SECURITY USING ARTIFICIAL INTELLIGENCE ALGORITHM FOR CLOUD COMPUTING**”- (IJRET) International Journal of Research in Engineering and Technology.e-ISSN:2319-1163 p-ISSN: 2321-7308. Certificate ID: 1103279_2. **E-Governance – Current Scenario**. First Edition 2015. ISBN: 978-93-85640-12-5

Paper published in International Journal “**A NOVEL METHOD TO MODELLING AND DETECTION OF CAMOUFLAGING WORM**” - Journal of Interdisciplinary Cycle Research in ISSN NO: 0022-1945,Volume XII, Issue IV, April 2020.

Paper published in International Journal “**AN ANALYSIS ON STORAGE AND SECURITY OVER CLOUD PLATFORM**” - The International Journal of analytical and Experimental model analysis in Volume XII,,Issue 1, January 2020.

Paper published in International Journal “ **HOME AUTOMATION USING IOT AND ANDROID APP**” - The International Journal of analytical and Experimental model analysis in Volume XII,,Issue 1, January 2020.

Paper published in International Journal of “**MACHINE LEARNING CLASSIFICATION OF ACTIVE CUSTOMERS USING CHURN**” - International Journal of Computing Algorithm in Volume 9 Issue:02, December 2021.

Paper published in IEEE “**DECODING AND ANALYSING CONSUMER FEEDBACK FOR COMPANIES AND GOODS USING MACHINE LEARNING**” – ICAIS, ISBN NO 978-1-6654-6215-0 on 2023.

Paper Published in IEEE “**AN ADVANCE STRATEGY FOR EFFICIENT AGRICULTURAL PRODUCTION USING MACHINE LEARNING**” – ICACRS ,ISBN:979-8-3503-4022-8 on 2023.

Paper Published in IEEE “**CORONA VIRUS CHESTCT SCAN CLASSIFICATION USING DEEP LEARNING**” - *International Conference on Applied Intelligence and Sustainable Computing, ICAISC 2023*.

PATENT DETAILS

S.No	Patent Title	Patent Number	Status	Date
1	Accident Detection using Smart Rescue System	202341012989	Published	17/03/2023

Extra Curricular Activities

- Type Writing passed in junior, senior level examination conducted by the government of Tamilnadu.
- Ball Badminton-zonal level winner.