




## THAMIRABHARANI ENGINEERING COLLEGE

(Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai)

Chathirampudukulam, Chidambaranagar - Vepemkulam Road

Thatchanallur, Tirunelveli 627 358, Tamil Nadu.

### FACULTY PROFILE

PERSONAL DETAILS			
Name & Qualification	V. Arunachalam & M.E.		
Designation	Assistant Professor		
Department	ECE		
Total Teaching Experience	9 Years 6 Months		
Total Research Experience	Nil		
Total Industry Experience	2 Years 10 Months		
Area of Specialization	Applied Electronics		
Email ID	arunachalamv@tec-edu.in		
EDUCATION DETAILS			
Degree	Branch/ Specialization	University	Year
UG	Electronics and Communication Engineering	Anna University	2009
PG	Applied Electronics	Anna University	2012
Ph.D(Pursuing)	Information and Communication Engineering	Anna University	-
RESEARCH / PUBLICATION DETAILS			
Publications in Journal			
1. V. Arunachalam, I. Sorimuthu, V. Rajagopal and B. Sankaragomathi, “Automatic Fast Video Object Detection and Tracking on Video Surveillance System” ICTACT Journal on Image and Video Processing, Volume: 03, Issue: 01, pp . 479 -484, August 2012			
Conference Proceedings			
1. Presented a paper entitled “Real Time Object Tracking and its Application License Plate Recognition”, organized by the Institute for Research and Development India (IRD India) on International Conference on Electrical Electronics and Computer Science (ICEES), 2012.			

2. Presented a paper in the Convention Centre Kollam Organized by Baselios Mathews College of Engineering, Kerala which entitled **A Secured Video Surveillance System for Video Object Detection and Tracking, International Conference on Emerging Technology Trends in Advanced Engineering Research (ICETT) 2012.**

**Books / Chapters Published**

NIL

**Fund Received**

Sl. No.	Sponsored Agency	Title of the Project	Period	Amount
1	Tamilnadu State Council for Science and Technology (TNSCST)	An Advanced Approach for Account Access in ATM Centre without Debit Card	2013 - 2014	Rs. 7500/-

**Patent Applied / Published / Granted**

1. A utility model patent is filed on which is entitled **“Designing a micro jammer to avoid explosion in petrol stations due to mobile usage”** in 2021.

CITATIONS	<b>6</b>
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H-INDEX	-
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**RESEARCH GUIDANCE DETAILS**

Sl. No.	University	Supervisor ID / Reference
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**PROFESSIONAL SOCIETY MEMBERSHIP DETAILS**

Sl. No.	Professional Society Name	Member ID
1	International Association of Engineers (IAENG)	121327

**FACULTY DEVELOPMENT PROGRAMME(FDP) ATTENDED / ORGANIZED**

Sl. No.	Name of the FDP	Name and address of the venue	Year
1	Faculty Development Programme on “Biomedical Antennas”	IEEE AP-S Madras Chapter in association with Department of Electronics and Communication Engineering, Karunya Institute of Technology and Sciences- online mode	2022

2	Students Training Programme on "Machine Learning using Python"	IEEE Madras Section - online mode	2021
3	FDP on "Identification of Cyber Criminal Suspects using Data Analytical Techniques and R Studio Software"	Francis Xavier Engineering College - online mode	2021
4	FDP on "Advanced Electromagnetics and Applications"	Sri Sivasubramaniya Nadar College of Engineering- online mode	2021
5	Short Term Training Programme on (STTP) Concept Mapping in Teaching Learning	National Institute of Technical Teachers' Training and Research - online mode	2020

### ADDITIONAL RESPONSIBILITIES

Sl. No.	Responsibilities	Description	Year
1	Single Point of Contact (SPOC - NPTEL)	To identify suitable mentors for various courses, who can ensure that students are active in a course, are submitting their assignments on time and also clarify the doubts they may have.	2021 onwards
2	Sports Coordinator	To manage logistics for multiple sports teams and to make up an athletic program. To arrange various matches, including team travel, maintaining equipment, and developing new programs.	2016 onwards
3	Fit India Club Coordinator	To bring about behavioral changes and move towards a more physically active lifestyle by organizing various sports events and programs.	2019 onwards
4	Electronic Devices and Circuits Laboratory in charge	To plan, organize, direct and coordinate a range of activities in the lab. Ordering supplies, Training lab technicians, Maintaining specialized software and stocks.	2016 onwards
5	Institutional DOTE work In charge	To monitor the announcements from DOTE and completion of admission and various scholarship approval process.	2018 onwards

6	Institutional Centre for Affiliation of Institutions - Anna University (CAI – AU) work In charge	To monitor the announcements from CAI – AU and completion of affiliation process.	2018 onwards
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**AWARDS / ACHIEVEMENTS**

<b>Sl. No.</b>	<b>Awards/ Achievements</b>	<b>Description</b>	<b>Year</b>
1	Best Tyro Award	Achieved Best Tyro Award for the academic year 2012-2013 from Einstein Staff Club on Teachers day celebration Sep' 05 2013.	2012-2013