

S. Ananthi Roy M.E.,
Assistant Professor & ECE
Velammal College of Engineering and Technology, Madurai
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Educational Qualification:

Class / Course	Name of the Institution	Board/ University	Year of Passing	Marks% /CGPA
M.E (Applied Electronics)	College of Engineering, Guindy	Anna University, Chennai	2018	9.02
B.E (ECE)	PET Engineering College, Tirunelveli	Anna University, Chennai	2015	8.56
HSC	St. Ignatius Convent Hr.Sec.School, Tirunelveli	State Board	2011	85
SSLC	St. Ignatius Convent Hr.Sec.School, Tirunelveli	State Board	2009	96

Experience in Years: 2 years

Employment History:

S.No.	College/Industry	Designation	Nature of Job	Period
1	Velammal College of Engineering and Technology, Madurai	Assistant Professor	Teaching	June 2015 – Till date
2	Mepco Schlenk Engineering College, Sivakasi	Senior Research Fellow	Research	2018-2020

Interested Research Areas:

- Image Processing
- Deep Learning
- Machine Learning
- ARM Processor
- VLSI signal Processing

Scholarships and Awards received:

- Awarded “**Best Outstanding student**” in B.E during 2011 – 2015
- Won **State University Player** in Athletics during 2012
- Got placed in **Infosys** during 2015
- **NPTEL online certification** on “Deep Learning” conducted by IIT- Madras

Funded Research Projects: Nil

Patents Rights Received: Nil

Publication Details:

1. International Journal

- S.Arivazhagan, W.Sylvia Lilly Jebarani, S.Ananthi Roy , E.Amrutha published **"Improving Quality of Stego Images through Dithering Techniques for Pixel Pair Matching Steganographic Schemes,"** International Journal of Engineering and Advanced Technology (IJEAT), Vol.8, Issue.6, pp.4923-4931, August-2019.
- Arivazhagan Selvaraj, Amrutha Ezhilarasan, Sylvia Lilly Jebarani Wellington, Ananthi Roy Sam, published **" Digital image steganalysis: A survey on paradigm shift from machine learning to deep learning based techniques,"** IET Image Processing, pp.1- 19, December 2020.
- Arivazhagan Selvaraj, Amrutha Ezhilarasan, Sylvia Lilly Jebarani Wellington, Ananthi Roy Sam, published, **"Miniscule Payload Location in Least Significant Stego Images Using Transform Based Image Denoising Cover Estimators,"** Technical Volume of 35th Indian Engineering Congress, December 18 – 20, 2020.