

**Mr.G.TONY
SANTHOSH**



Designation: Assistant Professor

Qualification: M.E, Ph.D (Pursuing)

Area of specialization: COMMUNICATION AND NETWORKING

**Experience : (As
On Dec 2023)**

Industrial Experience

Teaching Experience

-

13 Years

**Number of
workshop / FDP
attended:**

Number of Workshops

Number of FDPs

7

15

Publications:

Conference

Journal

National

International

National

International

1

5

3

4

Patents:

National

International

3 Published

-

**Professional
Body
Membership:**

IEEE,IFERP, IAE

Staff Achievements:	<ul style="list-style-type: none"> • Successfully completed Universal Human Values-I and Universal Human Values-II. • Achieved 100% result in AU semester exams for the subjects Digital Electronics, Digital Communication and Intellectual Property Rights. 			
Workshop Details:	Sl. No.	Title	Venue	Month/Year
	1.	Workshop with Code-a-thon	VIT, Chennai	21 st to 22 nd Sep 2023
	2.	AI Tools Workshop	Be-10-X, Chennai	21 st Jan 2024
	3.	Training of Trainers: Mechatronics and Machine Learning	Alpha College of Engineering, Chennai.	25 th Nov to 7 th Dec 2019
	4.	Training of Trainers: Pedagogy	Alpha College of Engineering, Chennai.	8 th to 12 th July 2019
	5.	Internet of Things Using Raspberry Pi	Advanced Training Institute, Chennai	12 th to 16 th February 2018
	6.	NPTEL Workshop	IIT Madras	16 th Feb, 2013
	7.	Recent Trends in Rehabilitation Engineering	Alpha College of Engineering, Chennai.	27 th & 28 th April 2012
FDP Details:	Sl. No.	Title	Venue	Month/Year

	1.	Quantum Computing and its future scope	ATAL, New Delhi	18 th Dec to 26 th Dec 2023
	2.	Introduction to Industry 4.0 and Industrial Internet of Things	NPTEL, Chennai	July to Oct 2023
	3.	Cyber Security in Cloud Computing Technologies	ATAL, New Delhi	30 th Oct to 4 th Nov 2023
	4.	Teaching, Research and Institution Building in the Contemporary Academia	Auro University, Surat	28 th Oct 2023
	5.	6-day Online UHV-II	AICTE, New Delhi	16 th to 21 st Oct 2023
	6.	Personal, Professional Excellence and Value Based Living	Auro University, Surat	14 th Oct 2023
	7.	AI & Deep Learning Approach for Image Processing and its Applications	Paavai Engineering College, Namakkal	19 th June to 24 th June 2023
	8.	Inculcating Universal	AICTE, New Delhi	12 th to 16 th June 2023

		Human Values in Technical Education		
	9.	Deep learning tools and its applications	Sri Sairam Engineering College, Chennai	25 th to 29 th July 2022
	10.	Introduction to Python Programming	Alpha Arts and Science College, Chennai	26 th July to 27 th July 2019
	11.	Outcome Based Education	Teaching Learning Centre, IITM, Chennai	1 st to 3 rd December 2017
	12.	Embedded and Realtime Systems	Sri Venkateshwara College of Engineering, Sriperumbudhur	13 th to 21 st June 2017
	13.	Teaching Techniques	Alpha College of Engineering, Chennai	1 st and 2 nd November 2016
	14.	Wireless Sensor Networks	Panimalar Engineering College, Chennai	2 nd to 9 th December 2014
	15.	Computer Networks	Kongunadu College of Engineering & Technology, Namakkal	16 th to 22 nd December 2013

Publication Details:

1. G.Tony Santhosh, Dr.S.Dhandapani, " Impact of Hybridized Rider optimization with Cuckoo Search Algorithm on Optimal VANET Routing", International Journal of Communication Systems, ISSN:1099-1131, Vol.34, Issue.16, November 2021.
2. R.Prasath, G.Tony Santhosh, I.Andrews Juben , " The security in web application of cloud and IoT service ", Materials Today: PROCEEDINGS, Nov 2020.
3. G.Tony Santhosh, Dr.S.Dhandapani, "Optimal Routing in VANET using improved meta-heuristic approach: a variant of JAYA", IET Communications, ISSN:1751-8636, Vol.14, Issue.16, October 2020.
4. B.Suresh Chander Kapali, G.Tony Santhosh, I.Andrews Juben, " A Study on Effect of Chronic Alcoholism Leading to Cardiomyopathy - Using HRV as a Tool " Journal of Critical Reviews, ISSN: 2394-5125, Vol.07, Issue.05, July 2020.
5. G.Tony Santhosh, Dr.S.Dhandapani, "Hybridization of Monarch Butterfly and Grey Wolf Optimization for Optimal Routing in VANET", International Journal of Engineering and Advanced Technology, ISSN: 2249 - 8958, Vol.09, Issue.02, December 2019.
6. G.Tony Santhosh, L. Subhasri," Overview of Design and Integration of UAV aircraft for Surveillance", IRJET Vol.04, Issue.09, September 2017.
7. Lakshminarayana Chavla, G.Tony Santhosh" Realtime Safety measures in Railways using Embedded System", IJERT Vol.03, Issue.08, Aug 2014.

Conference Details

1. Presented paper titled "Relative Analysis of VANET Algorithms" in the Global Conference on Information Technologies and Communications (GCITC) during 1st and 3rd December 2023.
2. Presented paper titled "Digital Image Processing Based Pest Detection" in the IEEE technically sponsored First International Conference on Computational Science & Technology (ICCST 2022) organized by Department of CSE, Sri Sairam Engineering College, Chennai on 9th and 10th November 2022.

3. Presented paper titled " Hybridization of Monarch Butterfly and Grey Wolf Optimization for Optimal Routing in VANET " in the International Conference on Recent Trends in Electronics, Computing and Communication Engineering organized by Saveetha School of Engineering on 25th and 26th April 2019.
4. Presented paper titled "Message Notification for Patient Care System using Hand gesture recognition "in the International Conference on Scientific Research and Development in Biomedical Engineering organized by Alpha College of Engineering on 28th March 2018.
5. Presented paper titled "Design of Rapid Vehicular Communication using SDVN"in 4th International Conference on Engineering and Applied Sciences organized by S.R.I College of Engineering and Technology, Vandavasi on 22nd March 2017.
6. Presented paper titled "Efficient Clustering algorithm for the integration of WSN with wired network" in the International Conference organized by Sun College of Engineering and Technology, Nagercoil on 18th and 19th March 2010.