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	**Shanmuga Priya G & M.E**	`
Designation	Assistant Professor	
Department	Electronics and Communication Engineering	
Total Teaching Experience	1Year 3 Months	
Total Research Experience	Nil	
Total Industry Experience	Nil	
Area of Specialization	Communication	
Email ID	shanmugapriyag@tec-edu.in	

EDUCATION DETAILS

Degree	Branch/ Specialization	University	Year
UG	Electronics and Communication Engineering	Anna University,Chennai	2016
PG	Communication Systems	Anna University,Chennai	2020
Ph.D (Pursuing)	Information and Communication Engineering	Anna University,Chennai	-

RESEARCH / PUBLICATION DETAILS

Publications in Journal

1. R. Vedha Priyavadhana, G. Shanmuga Priya, N. Renee Reddiar, M. Mano Priya ,"**Effective video Saliency Mapping for Object detection using deep learning neural network**s",**International Journal of Recent Technology and Engineering (IJRTE)** ,ISSN: 2277-3878, Volume-8 Issue-6, March 2020.

2. G.Shanmuga Priya, Dr.R.VedhaPriyavadhana, M.Mano Priya, N.Renee Reddiar, "**Analysis Of**

Video Saliency Mapping For Object Detection Using Deep Learning RBFNN Networks", Journal of Interdisciplinary Cycle Research (JICR), Volume XII, Issue III, ISSN NO: 0022-1945, July 2020.

3. M.Mano Priya, G.Shanmuga Priya, J.Friska, "**Performance Comparison of deep learning classifiers for diabetic Retinopathy I***dentification*", Journal of Interdisciplinary Cycle Research (JICR), Volume XII, Issue III, ISSN NO: 0022-1945, July 2020.

4. N. Renee Segrid Reddiar, L.R. Priya, G.Shanmuga Priya, "**Power Allocation and Gabor filter based multi user MIMO systems using Secure LED Communication for Non-Orthogonal access**", **Journal of Interdisciplinary Cycle Research (JICR)**, Volume XII, Issue III, ISSN NO: 0022-1945, July 2020.

Conference Proceedings

1. Presented a paper entitled **"Automatic Ration Material Distribution based on GSM and RFID Technology"** on **National Conference on Recent Trends and Challenges in Engineering Research** , April 2016.

2. Presented a paper entitled "**Analysis Of Video Saliency Mapping For Object Detection Using Deep Learning RBFNN Networks**" on **International Conference on Modern Trends in Engineering & Research**, March 2020.

3. Presented a paper entitled, "**Performance Comparison of deep learning classifiers for diabetic Retinopathy I***dentification*" *on* **International Conference on Modern Trends in Engineering & Research**, March 2020.

4. Presented a paper entitled, "**Power Allocation and Gabor filter based multi user MIMO systems using Secure LED Communication for Non-Orthogonal access**" on **International Conference on Modern Trends in Engineering & Research**, March 2020.

5. Presented a paper entitled, "**Women safety System Using IOT**" on **International Conference in Emerging Trends in Engineering and Technology Research**, April 2021.

Books / Chapters Published

Nil

Fund Received				
Sl. No.	**Sponsored Agency**	**Title of the Project**	**Period**	**Amount**
-	-	-	-	-

Patent Applied / Published / Granted

1. A utility model patent is filed on which is entitled " **Wearable Life Saving Micro Tracker for Fisherman at the time of Disasters**" in April 2021.

2. A Indian Design patent is filed on which is entitled " **IoT based Smart Robot for HVAC duct Cleaning**" in April 2022.

CITATIONS	-
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RESEARCH GUIDANCE DETAILS		
Sl. No.	**University**	**Supervisor ID / Reference**
1.	National Engineering College, Kovilpatti, Anna University, Chennai.	**3240006**

PROFESSIONAL SOCIETY MEMBERSHIP DETAILS		
Sl. No.	**Professional Society Name**	**Member ID**
1.	International Institute of Organized Research (I2OR)	**I2OR/2020/0500**

FACULTY DEVELOPMENT PROGRAMME(FDP) ATTENDED / ORGANIZED			
Sl. No.	**Name of the FDP**	**Name and address of the venue**	**Year**
1.	FDP on "Advanced Electromagnetics and application"	Sri Sivasubramaniya Nadar college of Engineering, Chennai (Online)	May 2021
2.	Short Term Training Programme on (STTP) on "An IoT Robot for Smart Home Environment"	St. Mother Terasa Engineering College,Thoothukudi (online)	May 2021

3.	FDP on "Identification of Cyber Criminal Suspects using Data Analytical Techniques and R Studio Software"	Francis Xavier Engineering college, Tirunelveli (Online)	June 2021
4.	FDP on "Modern Trends in Power Elecronics and their application"	Vidya Jothi Institute of Technology, Hyderabad (online)	July 2021
5.	FDP on "Introduction To Artificial Neural Network"	Christ The King Engineering College,Coimbatore (Online)	Feburary 2022

ADDITIONAL RESPONSIBILITIES			
Sl. No.	**Responsibilities**	**Description**	**Year**
-	-	-	**-**

AWARDS / ACHIEVEMENTS			
Sl. No.	**Awards/ Achievements**	**Description**	**Year**
-	-	-	**-**