

# TAGORE ENGINEERING COLLEGE

(A Member of Tagore Group of Institutions Chennai)

Approved by AICTE, New Delhi I Affiliated to Anna University, Chennai

ACCREDITED BY IQAC-NAAC WITH 'A' GRADE

## **FACULTY PROFILE**

PERSONAL DETAILS	
Name & Qualification	Mr.S.Hari Ramakrishnan & M.Tech
Designation	Assistant Professor
Department	ECE
Total Teaching Experience	5.3 Years
Total Research Experience	Nil
Total Industry Experience	Nil
Area of Specialization	Laser and Electro Optical Engineering
AICTE Faculty ID	
Email ID	sharkrishnan1@gmail.com



EDUCATIONAL DETAILS			
Degree	Branch/ Specialization	University	Year
UG	B.E/ ECE	Anna University	2017
PG	M.Tech/ Laser and Electro Optical Engineering	Anna University	2019
Ph.D	Nil	Nil	Nil

## RESEARCH / PUBLICATION DETAILS

#### **Publications in Journal**

 S. Vasanthadev Suryakala, T. R. Sree Vidya, S. Hari Ramakrishnan, 'Federated Machine Learning for Epileptic Seizure Detection using EEG', published in an International Journal of Advanced Computer Science and Applications, ISSN: 21565570, Vol. 15, No. 4, PP: 1048 - 1053. (SCOPUS Indexed Journal)

## **Conference Proceedings**

- 1. Published a paper in "Advanced Online Examination using Raspherry Pi" on International Journal of advanced research trends in Engineering and Technology. IJARTET, Volume 4, Special Issue 19, April 2017.
- 2. Published a paper in "Bistability and Switching in a Phase shifted PT-Symmetric fiber Bragg Grating" on IEEE conference-VITECON19 (VIT, Vellore).

IEEE CONFERENCE RECORD NO:45748.

3."Presented a paper in "Bistability in a PT-symmetric chalcogenide phase-shifted fiber Bragg grating" on National Conference on Advances in Functional Materials-NCAFM'19 (SSNCE, Chennai).

#### **Books / Chapters Published**

Nil

#### **Fund Received**

Nil

## Patent Applied / Published/Granted

- 1. Mr.S.HariRamakrishnan has filed and published patent titled "ARTIFICIAL INTELLEGENCE AND IOI BASED SMART HOUSE FOR ACTIVITY RECOGITION" that bearing the application number 202341011187.
- 2. Mr.S.HariRamakrishnan has filed and published patent titled "ENSEMBLE MACHINE LEARNING BASED DRONE SWARM SYSTEM FOR MODERN AGRICULTURE" that bearing the application number 202341040745.
- 3. Mr.S.HariRamakrishnan has filed and published patent(Design Patent) titled "Artificial Intelligence and 5G based Network Hub" in April 2024.

CITATIONS	-	
H-INDEX	-	

#### RESEARCH GUIDANCE DETAILS

Sl.No	University	Supervisor ID / Reference
1	Anna University, Chennai	-
2	Number of UG Scholars Guided	8
3	Number of PGScholars Guided	1
4	Number of Ph.D. Scholars Guided	-
5	Number of Ph.D. Scholars Pursuing	-

#### PROFESSIONAL SOCIETY MEMBERSHIP DETAILS

Sl.No	Professional Society Name	Member ID
1	ISTE	
2	IETE	
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