



# TAGORE ENGINEERING COLLEGE

(A Member of Tagore Group of Institutions Chennai)

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

ACCREDITED BY IQAC-NAAC WITH 'A' GRADE

## FACULTY PROFILE

PERSONAL DETAILS			
Name & Qualification	T.SURESH M.E., Ph.D		
Designation	Sr. Assistant Professor		
Department	ECE		
Total Teaching Experience	15 years 8 months		
Total Research Experience	Nil		
Total Industry Experience	Nil		
Area of Specialization	VLSI, Antenna, Microcontroller		
AICTE Faculty ID	1-492864309		
Email ID	tsureshece@gmail.com		
EDUCATIONAL DETAILS			
Degree	Branch/ Specialization	University	Year
UG	B.E – E.C.E	Anna University	2006
PG	Applied Electronics	Anna University	2011
Ph.D	Low Power VLSI	Anna University	2021
RESEARCH / PUBLICATION DETAILS			
Publications in Journal			
1. Design of low power NFSR for RFID system with irregular clock pulse', Microprocessors and Microsystems, December 2019, vol. 73, March 2020			
Conference Proceedings			
1. <b>Suresh, T&amp;Ramakrishnan,M</b> 2017, 'Low Power D-flip flop using sub threshold region for NFSR', International Conference on Electrical, Communication and Computing on march 7, 2017 at Tagore Engineering College, Chennai.			
2. <b>Suresh, T&amp;Ramakrishnan,M</b> 2016, 'Low Power NFSR with irregular clocking for secured			

RFID system', National Conference on Information, networking and Communication technologies on April 23, 2016 at Dr.Mahalingam College of Engineering and Technology, Pollachi.

3. **Suresh, T & Ramakrishnan, M** 2015, 'Mutual Authentication Protocol for RFID security using NFSR', International Conference on Control, Automation and Robotics, 2015 IEEE, date of conference: 6-7 June 2015, Print isbn-978-1-4799-1983-3 at Chengdu, China.
4. **Suresh, T & Ramakrishnan, M** 2014, 'Low weight mutual authentication protocol for RFID security', International Conference on 'Advanced Computing, Control Systems, Machines and Embedded technology on march 7, 2014 at K.K Nattraja College of Engineering and Technology, Namakkal.
5. **Suresh, T & Ramakrishnan, M** 2014, 'Low Power NFSR for secured RFID system', International Conference on Electrical, Communication and Computing on March 13, 2014 at Tagore Engineering College, Chennai.
6. T.Suresh, M.Ramakrishnan" Low cost RFID security and Anti Counterfeiting" International Conference, Computing Computation and Control on March 2013 at Christian College of Engineering and Technology, Dindigal.
7. T.Suresh, M.Ramakrishnan" RFID Implementation with secure Mutual Authentication Protocol" International Conference on Advanced Electronics Communication on March 2012 at Noorul islam university, Kanniyakumari.
8. T.Suresh " Manipulation of Material using Glove Controlled Robotic Hand" National Conference on March 2014 at Shree Mothilal Kanhaiyalal Fomra Institute of Technology, Chennai.
9. T.Suresh" Efficient Architecture of DCT with Distributed Arithmetic" National Conference, Computing Computation and Control on March 2012 at Karpaga Vinayaga College of Engineering and Technology, Kanchipuram.
10. T.Suresh " Low Power RFID Implementation with Secure Mutual Authentication Protocol" National Conference on March 2011 at Dhanalakshmi Srinivasan College of Engineering and Technology, Chennai.
11. T.Suresh " RFID Implementation with Mutual Authentication Protocol" National Conference on March 2011 at Bannari Amman Institute of Technology, Sathiyamangalam.
12. T.Suresh " Performance Analysis of Video Denoising using Dual Tree Wavelet Transform" National Conference on April 2011 at Tagore Engineering College, Chennai.
13. T.Suresh & Rakhi dutta" OZONE FOOD ARMOR" National Conference on March 2010

at Hindusthan College of Engineering and Technology, Coimbatore.

14. T.Suresh & Jithetiran "Efficient Solar Power tracking Systems" National Conference on March 2010 at Hindusthan College of Engineering and Technology, Coimbatore.

### **Books / Chapters Published**

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### **Fund Received**

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### **Patent Applied / Published/Granted**

CITATIONS

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H-INDEX

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### **RESEARCH GUIDANCE DETAILS**

<b>Sl.No</b>	<b>University</b>	<b>Supervisor ID / Reference</b>
1	Anna University, Chennai	-
2	Number of UG Scholars Guided	30
3	Number of PG Scholars Guided	4
4	Number of Ph.D. Scholars Guided	-
5	Number of Ph.D. Scholars Pursuing	-

### **PROFESSIONAL SOCIETY MEMBERSHIP DETAILS**

<b>Sl.No</b>	<b>Professional Society Name</b>	<b>Member ID</b>
1	ISTE	
2	IAENG	
3	ISRDI	
4	IETE	