




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	GANGALAKSHMI S		
Designation	ASSISTANT PROFESSOR		
Department	ECE		
Total Teaching Experience	6.5		
Total Research Experience	NIL		
Total Industry Experience	NIL		
Area of Specialization	VLSI DESIGN		
AICTE Faculty ID	1-10656403611		
Email ID	sgangalakshmi@tagore-engg.ac.in		
EDUCATIONAL DETAILS			
Degree	Branch/ Specialization	University	Year
UG	B.E-Electronics & Instrumentation Engineering	ANNA UNIVERSITY	2013
PG	M.E-VLSI DESIGN	ANNA UNIVERSITY	2015
Ph.D			
RESEARCH / PUBLICATION DETAILS			
Publications in Journal			
1.J.Rajeswari,S.ohm Shankar, S.Piriyadharshini, S.Gangalakshmi, S.G. Kalpanadevi "A Robust Protection System for Women: Smart Device Using Sensors ", IEEE explore, Doi: 10.1109/ICCDS64403.2025.11209400			
2. S.Gangalakshmi, A.Khathija Banu,"Optimized Design of Magnetic Flip-Flop Based on STT- MRAM Technique ",Annexure II (IJAER) special issues, vol.10 no.20 (2015). ISSN 0973-4562 , DOI:10.37622/000000			
Conference Proceedings			

1. J.Rajeswari, S.ohm Shankar, S.Piriyadharshini, S.Gangalakshmi, S.G. Kalpanadevi "A Robust Protection System for Women: Smart Device Using Sensors ",in an International Conference on Computing and Data Science (ICCDs-2025) held at Rajalakshmi Engineering College, Chennai.
2. S.Gangalakshmi, R.Sivaprasath, E.Gokul, R.Santhosh kumar"CNN based Successive cancellation decoding Algorithm using URLLC", an International Conference on Recent Advances in Science, Engineering & Management (ICRASEM 25) held at Tagore Engineering College Chennai.
3. S.Gangalakshmi, S.Janani, K.Sameera, K.Mohana, "Sustainable solar-powered wireless image Sensor node", an International Conference on Recent Advances in Science, Engineering & Management (ICRASEM 25) held at Tagore Engineering College Chennai.
4. S.Gangalakshmi, V.Vijayalakshmi, M.Yuvarani, K.Mohana, "AI driven long range fire detection system using IOT & Mobile app", an International Conference on Recent Advances in Science, Engineering & Management (ICRASEM 25) held at Tagore Engineering College Chennai.
5. S.Gangalakshmi, Steganography-A Technique to Hide the information using LSB Algorithm in an International Conference on Recent trends in Mathematics & Information Technology (ICRMIT-2018) held at Avinashilingam Institute for Home Science & Higher education for Women, Coimbatore.
6. S.Gangalakshmi, A.KhathijaBanu, "Reduction of Power Consumption by Optimized Magnetic Flip-Flop Design Combined with STT-MRAM Technique" in an International Conference(ICII ECS'15) held at Karpagam Engineering College, Coimbatore.
7. S.Gangalakshmi, A.Khathija Banu," Implementing the Design of Magnetic Flip-Flop Based on Swapped MOS Design in an International Conference held at Karpagam Engineering College, Coimbatore.
8. S.Gangalakshmi, A.Khathija Banu, Design of Magnetic Flip-Flop Based on Swapped MOS Design in an International Conference held at KLN College of Information Technology, Pottapalayam.
9. S.Gangalakshmi, A.Khathija Banu, Automated Electricity Billing System Using GSM in an International Conference held at Sethu Institute of Technology, Kariapatti.

10. S.Gangalakshmi, A.Khathija Banu, PLC Based Temperature Control Unit for a Calendar Machine in an International conference held at Pandian Saraswathi Yadav Engineering College.

Books / Chapters Published

Fund Received

Patent Applied / Published/Granted

Brain Computer Interface Enabled Gamified Brainwave Therapy for Insomnia (Patent applied)

CITATIONS	-
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RESEARCH GUIDANCE DETAILS

Sl.No	University	Supervisor ID / Reference
1	Anna University, Chennai	NIL
2	Number of UG Scholars Guided	6 Batches
3	Number of PG Scholars Guided	4
4	Number of Ph.D. Scholars Guided	NIL
5	Number of Ph.D. Scholars Pursuing	NIL

PROFESSIONAL SOCIETY MEMBERSHIP DETAILS

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