




# 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	Mrs. A. Kanagalakshmi, M. Tech.						
Designation	Assistant Professor						
Department	ECE						
Total Teaching Experience	20 Years						
Total Research Experience	Nil						
Total Industry Experience	Nil						
Area of Specialization	Computer and IT						
Email ID	kanagalakshmia@tec-edu.in						
							
				EDUCATION DETAILS			
				Degree	Branch/ Specialization	University	Year
				UG	ECE	Madurai Kamaraj University	1988
PG	Computer and IT	Manonmaniam Sundaranar University	2004				
Ph.D	Nil						
RESEARCH / PUBLICATION DETAILS							
Publications in Journal							
<ol style="list-style-type: none"> <li>1. "Quality Evaluation of Compressed Retinal Images", IJAER, ISSN 0973-4562 Volume 10, Number 1 (2015) pp. 1961 – 1970.</li> <li>2. "Low Power Implementation of Modified Hash Algorithm in ASIC", AJBAS, ISSN: 1991-8178, January 2016.</li> <li>3. "Design and Analysis of Performance Evaluation for Spatial Modulation" AJBAS, ISSN: 1991-8178, January 2016.</li> <li>4. "Design of Low Cost Microstrip Antennas for Wireless Sensor Networks", AJBAS, ISSN: 1991-8178, January 2016.</li> <li>5. "Distributed Multihop Transparent Secondary Cognitive Radio Networks", AJBAS, ISSN: 1991-8178, January 2016.</li> <li>6. "Progressive Parallel ICI Cancellation Scheme for BER Performance Analysis for MIMO-OFDM", JARDCS, February 2018, pp.514-523.</li> </ol>							

<b>Conference Proceedings</b>				
1. “RF Circularly Polarized Patch Antenna for Effective Communication”, NCESCES’14, February 2014, CIT, Coimbatore. 2. “Sensing Vulnerabilities and Multiple Spoofing Adversaries in Wireless LAN”, ICET-2015, 25 <sup>th</sup> January 2015, IFERP. 3. “Design of Low Cost Microstrip Antennas for Wireless Sensor Networks”, ETVCE’16, 19 <sup>th</sup> February 2016, Sree Sastha Institute of Engineering and Technology, Chennai. 4. Spectrum Utilization in Cognitive Radio Networks Using Probability Distribution Algorithm” NCCC’16, 9 <sup>th</sup> March 2016, SRM University, Chennai.				
<b>Books / Chapters Published</b>				
<b>Fund Received</b>				
Sl. No.	Sponsored Agency	Title of the Project	Period	Amount
-	NIL	-	-	-
<b>Patent Applied / Published / Granted</b>				
CITATIONS	NIL			
H-INDEX	NIL			
<b>RESEARCH GUIDANCE DETAILS</b>				
Sl. No.	University	Supervisor ID / Reference		
-	NIL	NIL		
<b>PROFESSIONAL SOCIETY MEMBERSHIP DETAILS</b>				
Sl. No.	Professional Society Name	Member ID		
-	NIL	NIL		
<b>FACULTY DEVELOPMENT PROGRAMME(FDP) ATTENDED / ORGANIZED</b>				
Sl. No.	Name of the FDP	Name and address of the venue	Year	
1	Workshop on Renesas 16 Bit RL78 Microcontrollers	Government Engineering College, Tirunelveli.	2013	

2	National Seminar on MIMO Wireless Communication and Future Networks	R.M.K College of Engineering and Technology, Chennai.	<b>2013</b>
3	LabView And its Applications to Engineering Systems	SKR Engineering College, Chennai	<b>2014</b>
4	Microprocessors & Microcontrollers	Sree Sastha Institute of Engineering & Technology, Chennai.	<b>2014</b>
5	Embedded & Real Time Systems	Sree Sastha Group of Institutions, Chennai	<b>2015</b>
6	Digital Image Processing	Sree Sastha Institute of Engineering & Technology, Chennai.	<b>2016</b>
7	The Internet of Things (Using Raspberry PI	Sree Sastha Institute of Engineering & Technology, Chennai.	<b>2017</b>
8	Instructional and Assessment Characteristics of OBE Framework and Hands on Practices for Designing and Mapping Outcomes	KSR Institute for Engineering & Technology, Tiruchengode	<b>2019</b>
9	Workshop on “Outcome Based Education and NBA Accreditation”	Mepco Schlenk Engineering College, Sivakasi	<b>2020</b>

#### **ADDITIONAL RESPONSIBILITIES**

<b>Sl. No.</b>	<b>Responsibilities</b>	<b>Description</b>	<b>Year</b>
1	HOD ECE	Lead and manage the department	<b>2012-2013, 2016-2017 Even semester 2017-2018, 2018-2019, 2019-2020</b>
2	Discipline Coordinator	Handle discipline issues	<b>2017-2020</b>

#### **AWARDS / ACHIEVEMENTS**

<b>Sl. No.</b>	<b>Awards/ Achievements</b>	<b>Description</b>	<b>Year</b>