FACULTY PROFILE		
Staff Name	:	THENMOZHI P
Faculty ID	:	TEC21/3123111
Image		
Vidvan ID		433971
ORCID ID		https://orcid.org/0000-0002-0378-9217
Scopus ID		57223007139
Linkedin ID		https://www.linkedin.com/in/thenmozhi-panchanathan-74a791292?utm_source=share&utm_campaign=share_via&utm_content=profile&utm_medium=android_app
Google scholar ID		https://scholar.google.com/citations?user=UWkRTYEAAAAJ&hl=en&authuser=1
Publon ID		3471937
Designation	:	Assistant Professor
Qualification	:	M.E.(Ph.D)
Teaching Experience	:	17 years & 7 months
Area of Specialization	:	Digital Image Processing,Medical Imaging
Subjects Handled	:	● Digital Electronics ● Analog and Digital Communication ● Linear Integrated Circuits and its application ● Basic Electrical and Electronics Engineering ● Linear Integrated circuits ● Environmental Science and Engineering ● Satellite Communication ● Digital Signal Processing ● Medical Electronics ● Basics of Biomedical Instrumentations ● Transducer Engineering ● Disaster Management ● Professional Ethics and Engineering

Books Published	:	"Biomedical Instrumentation" ISBN number 978-81-981910-7-6
Journals Published	:	1. P.Thenmozhi,Nivedha Pandian,**"Innovation in Biomedical Data Transmission Using Acoustic Methods in MRI Systems"**,International Conference on Advaances in Computing ,Communication and Applied Informatics(ACCAI),IEEE,Aug 2023. 2..A.A.Banu,P.Thenmozhi,A.Gokulalakshmi,V.Jayabar athi and C.Ananth,"**Voting Decentralized Application Using Blockchain**",2023 6th Interational Conference on Contemporary Computing and Informatics(IC31),pp.1226-1231,IEEE. 3.Christo Ananth,P. THENMOZHI, Densy John Vadakkan. S. Kavitha, T.Ananth Kumar"**Artificial Intelligence based Visual Aid with Live Tracking of VisualIy Impaired People**"International Conference on Technological Advancements in Computational Sciences(ICTACS) ,IEEE,Dec 2022.
Conference /Workshop Attended	:	1. **SMART HIVE-ARDUINO-POWERED SWARM BOTS**,3rd International Conference on Innovative Materials and Smart Solutions for Sustainability (ICIMSSS-24),DEC 2024 2. **AMBIENT BACKSCATTER COMMUNICATION SYSTEM EMPOWERED BY MATCHING GAME AND MACHINE LEARNING FOR ENABLING MASSIVE IOT OVER 6G HETNETS**,3rd International Conference on Optimization Techniques in the field of Engineering(ICOFE-2024),OCT 2024 3. I**NTEGRATED RESNET-50 AND FLASK FRAMEWORK FOR HEPATIC TUMOUR DETECTION**,EMERGING TRENDS IN MANAGEMENT, EDUCATION, ENGINEERING, SCIENCE AND TECHNOLOGY (ICETMEEST-2024) AT INDRA GANESAN COLLEGE OF ENGINEERING,22nd MARCH,2024 4. **AUTOMATED RENAL CONDITION RECOGNITION USING DEEP LEARNING TECHNIQUE,**EMERGING TRENDS IN MANAGEMENT, EDUCATION, ENGINEERING, SCIENCE AND TECHNOLOGY (ICETMEEST-2024) AT INDRA GANESAN COLLEGE OF ENGINEERING,23rd MARCH 2024

Patent Details	:	**1.TITLE :AN IOT BASED RAIN WATER QUALITY MONITORING SYSTEM** Application No. : India 202141060885 Date of filing : 27.12.2021 Publication Date : 7/1/2022 **2.TITLE :AN ADVANCED NOVEL MECHANIZED BOREWELL RESCUE SYSTEM** Application No. : India 202241027137 Date of filing : 11/5/22 Publication Date: 20/5/22 **3.TITLE: IMAGE PROCESSING BASED INTELLIGENT ROBOTIC CAR FOR AGRICULTURAL PLOUGHING USING BLOCK CHAIN TECHNOLOGY** Application No. : Indian Patent 202441004218 Date of filing : 21/01/2024 Publication Date : 09/02/2024 **4.TITLE: Artificial Intelligence an IOT-Based Smart Health Care System to Prevent and Detect all Types of Heart Disease** Application No. : 202441050789 Date of filing : 3/7/2024 Publication Date : 12/7/2024
Funded Project Details		-
Reviewer		IEEE TECHNICALLY CO-SPONSORED INTERNATIONAL CONFERENCE ON COMMUNICATION, COMPUTING, SMART MATERIALS & DEVICES (ICCCSMD 2024),ANNAUNIVERSITY.
Award		"**Best Teacher Award**",Higher Secondary Post Graduate Teachers Association,2022.