FACULTY PROFILE FORMAT (Format 3)		
Staff Name	:	THENMOZHI P
Faculty ID	:	TEC21
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Teaching Experience	:	17 years & 3 months
Area of Specialization	:	Digital Image Processing,VLSI Design
Subjects Handled	:	1. Digital Electronics 2. Analog and Digital Communication 3. Linear Integrated Circuits and its application 4. Basic Electrical and Electronics Engineering 5. Linear Integrated circuits 6. Environmental Science and Engineering 7. Satellite Communication 8. Digital Signal Processing 9. Medical Electronics 10. Basics of Biomedical Instrumentations 11. Transducer Engineering 12. Disaster Management 13. Professional Ethics and Engineering
Books Published	:	-
Journals Published	:	1.Christo Ananth,P. THENMOZHI, Densy John Vadakkan. S. Kavitha, T.Ananth Kumar"Artificial Intelligence based Visual Aid with Live Tracking of Visually Impaired People"International Conference on Technological Advancements in Computational Sciences(ICTACS) ,IEEE,Dec 2022. 2.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.** **3.A.A.Banu,P.Thenmozhi,A.Gokulalakshmi,V.Jayabarathi and C.Ananth,"Voting Decentralized Application Using Blockchain",2023 6th Interational Conference on Contemporary**

		Computing and Informatics(IC31),pp.1226-1231,IEEE.
Conference /Workshop Attended	:	1.**INTEGRATED 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 2.**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		-