ANNAMACHARYA UNIVERSITY

About Profile

NAME: Y PAVAN KUMAR REDDY

DATE OF BIRTH: 03/08/1988

DESIGNATION: ASSISTANT
                                    PROFESSOR

DEPARTMENT:ECE

EMAIL ID:ypkr@aitsrajampet.ac.in

DATE OF JOINING:30/05/2016

EMPLOYEE ID:AITS041029

Academic Profile

Qualification	Name of the Board/University	YEAR
M.Tech	JNTUA	2011
B.Tech	JNTUA	2009
I.P.E	BOARD OF INTERMEDIATE	2005
S.S.C	STATE BOARD	2003

Research Details

1. Areas of Specialization: DECS
2. List of Publications:19
3. Awards Received:
4. Research Guidance:
   - A) No. of PhD Guided:
   - B) No. of M.Tech Guided:
   - C) No. of B.Tech Guided:30

5. Details of Professional Membership: ISTE
6. Subjects Taught: EDC, PDC, DLD, LICA, EMI, RADAR, ES, CMC, WCN, MPI

Publication Details

Title	Publisher	Published Year
Zigbee GPS Based Tracking System Using ARM 9	International Journal of Electronics Communication and Computer Engineering	2013
ARM9 Based Navigation System for Vehicles	the International Journal of Engineering Sciences & Research Technology (IJESRT)	2014
A High Equipped Performance Assessment Algorithm for object Tracking using DCTWT	International Journal of Professional Engineering Studies (IJPRES)	2014
Intelligent Vehicle Control and Sensor Network Based Monitoring Through Wireless	International Journal of Advanced Technology and Innovative Research(IJATIR)	2015
Human control robot using gesture recognition	International Journal & Magzine of Engineering, Technology	2015
Application of Higher Order Image	International Journal of Research	2017

Co-Segmentation in Medical Images		
An IOT Based Real Time Weather Monitoring System by Using Raspberry PI	International Journal of Engineering and Techniques	2018
An IOT Based Smart Industry Monitoring System by Using Raspberry Pi	International Journal of Engineering and Techniques	2018
Indoor localization Via Neural Networks and Wi-Fi Signal	Journal of Emerging Technologies and Innovative research	2019
Wavelet And Cosine Transform Based Infrared And Visual Image Fusion	Journal of Information and Computational Science	2020
Wound Image Segmentation Using Markov Random Field Master	Journal of Information and Computational Science	2020
Coordination Of Mobile Sensor For Target Tracking By Using Kalman Filter	IJFANS INTERNATIONAL JOURNAL OF FOOD AND NUTRITIONAL SCIENCES	2022
Morphology and EMD-Based Patch-Wise Image Fusion	Lecture Notes in Electrical Engineering	2023
Reader for Blind Using the Raspberry Pi	Lecture Notes in Electrical Engineering,	2023
Multimodal Medical Image Fusion Approach Using PCNN Model and Shearlet Transforms via	Lecture Notes in Electrical Engineering,	2023

Max Flat FIR Filter		
Design and Implementation of Booth Multiplier with Sklansky and Ling Adder	Lecture Notes in Electrical Engineering,	2024
Enhanced Image Dehazing Using Contrast-Based Fusion Techniques	Cognitive Science and Technology	2025
IoT Based Delivery Robot with Theft Detection for Food and Goods Supply	E3S Web of Conferences	2025
Asymmetrically Clipped Optical Orthogonal Frequency Division Multiplexing (ACO-OFDM) in Underwater Optical Communication	Cognitive Science and Technology	2025

Patent Details

Sno.	Title of Patent	Submitted/Published/Awarded
1	METHOD FOR ANALYZING THE WEATHER MONITORING AND NOTIFICATION SYSTEM	PUBLISHED