


CAUVERY INSTITUTE OF TECHNOLOGY,MANDYA

Faculty Information

Name of the Faculty	S.K.UMA	
Designation	Associate Professor	
Department	Information Science and Engineering	
Specialization or Area of Interest	M Tech (Computer Science and Engineering)	
Contact Number	9449178175	
Email ID	skumamandya@gmail.com	

Academic Details

M. Tech	IIT Madras	Year: 2000
B.E	University: Mysore University, Mysore	Year: 1988

Professional & Industrial Experience

Institution or Company	Designation or Role	Period
Cauvery Institute of Technology, Mandya	Associate Professor	15/7/2024 to till date
PES College of Engineering, Mandya	Associate Professor	1988 to june 2024

Award

Best teacher award by Kannada Sahithya Parishat Mandya in the year 5/9/2020

Additional Responsibilities Handled

HOD,NBA criteria co-ordinator	
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List of Publications

Paper title	Journal Name	Volume No.	Issue No.	Page No.	Year of Publication	DOI
"Skin Disease Detection and Classification using Image Processing and Machine Learning Technique"	IJRASET	09	05		May 2021	10.22214
"A Survey on Skin Disease Detection and Classification Using Various Image Processing Approaches"	IRJET	07	12	2689-2693	Dec 2020	
"Smart Central-Service Monitoring System for Metropolitan City People"	IJRASET	08	07	460-463	July 2020	

“Innovative Approach to Detect Intruder in Coconut and Areca Nut Farmlands”	IJCSMC	09	04	1-6	April 2020	
“Alternate Energy Generating from Busy Roads by using Windmill Fan mechanism”	IJRAR	06	02	2935-2937	May 2019.	
“Monitoring and Controlling Of Poultry Farm Using IOT”	IRJET	05	04	3573-3579.	2018	DOI:10.15680/IJIRC CE.2018.0604060
“Appearance Based Classification of Rigid and Nonrigid Objects from Video”	IJTRA	04	03	81-84	May-June 2016	
“Garden Environmental Monitoring and Automatic Control System using Sensors”	IJMTST	02	05	141	May 2016	
“Raspberry PI Home Automation with Wireless Sensors using Smart Phone”	IJCSMC	04	05	797-803	May 2015	
“Feature Extraction for Human Detection using HOG and CS-LBP methods”	NCESCO			11-14	June 2015	
“HOG and CS-LBP Methods for Human Detection with Occlusion”	IJCSITR	03	02	692-698	June 2015	
“Moving Object Detection using Background Subtraction and Shadow removal from Video”	IJATES	02	07	450-462	July 2014	
“Automatic Road Traffic Control Based on Motion Object”	CSCONF			690-695	July 2013	