


CAUVERY INSTITUTE OF TECHNOLOGY, MANDYA

Faculty Information

Name of the Faculty	Dr. SAVITHA A. P	
Designation	Professor and HOD	
Department	Electronics and Communication Engineering	
Specialization or Area of Interest	VLSI Design and Embedded Systems	
Contact Number	9886647875	
Email ID	savithaap9(@rediffmail.com	

Academic Details

Ph.D	University: VTU,BELAGAVI	Year: 2021
M.Tech/M.E	University: SJCE, MYSORE, VTU	Year: 2007
B.E/ B.Tech	University: PESCE Mandya, University of Mysore	Year:2000

Professional Experience

Institution	Designation	Period
Cauvery Institute of Technology, Mandya	Professor and HOD	July 2015-till date
BGS Institute of Technology, BG Nagar	Associate Professor and PG coordinator	Nov 2011 – July 2015
BGS Institute of Technology, BG Nagar	Assistant Professor	Jun 2007 – Nov 2011
GSSSIETW, Mysore	Senior Lecturer	Aug 2004 – Aug 2007
PES College of Engineering, Mandya	Lecturer	Nov 2000 – Aug 2004

Research Publications in Journals, Conferences

Number of publications	National	International
Journals	4	5
Conferences	3	2

Sponsored Research Projects

Project Name or title	Project Funded by	Grants Sanctioned	Grants Received
Implementation of low-cost	KSCST, 45 th ,	7000	7000

Mechanical ventilator with Patient monitoring	SPP: 2021-2022		
Low Cost River Cleaning Robot	KSCST, 46 th SPP: 2022-2023	6000	6000

Additional Responsibilities Handled

NSS COORDINATOR	VTU WOMEN CELL COORDINATOR
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List of Publications

Paper title	Journal Name	Volume No.	Issue No.	Page No.	Year of Publication	DOI
New Fusion Techniques to Extract Image Features and Recognition of Palm Vascular Pattern	International Journal of Innovative Technology and Exploring Engineering (IJITEE): ISSN: 2278-3075	Volume-9	Issue-8		June 2020	
Gray Pixel Value Based Vein Feature Extraction and Recognition on FPGA	International Journal of Engineering Research and Technology (IJERT) ISSN 2278 - 0181	Volume-9	Issue-5		May 2020	
Novel LDA Algorithm for Palm Vein Feature Detection and Extraction	International Journal of Latest Engineering Research and Applications (IJLERA) ISSN: 2455-7137	Volume-02	Issue-07	PP - 01-06	July 2017	
Comparative Study of Palm Vein Feature Extraction and Classification	Science Direct-materials today	Volume 4	Issue 11	PP-11882-11887	Sep 2017	DOI:10.1016j.matpr.2017.09

A Robust Palm Vein Authentication for Improving Safety and Security	ISSN:2347-5552	Volume 3	Issue-3		May 2015	
Palm Print Recognition Using PCA And SOM Algorithms	International Journal of Innovative Science, Engineering &Technology (IJSET)	Volume 2	Issue 5		May 2015	
Design and implementation of OAMF for image segmentation using SOBEL operator on FPGA	International Journal of Engineering Research and Technology (IJERT)	Volume 3	Issue 5		May 2014	DOI:10.15623/ijret.2013.0210029
USB Interface with FPGA for Data Acquisition System Using in X-Ray Applications	The International Journal of Science & Technoledge: ISSN 2321 – 9193	Volume 2	Issue 6		June 014	
FPGA Based Implementation of Image Encryption Using Scan Patterns and Carrier Images	International Journal of Engineering Research and Applications (IJERA) ISSN: 2248-9622	Volume 1	Issue-7		June 2013	
Design of Efficient Reversible Fault tolerant Adder / Subtractor	International Journal of Computer Applications	Volume 4	Issue-3	PP-23 –2 8	July 2013	

Certification Courses Attended	
Online Mode-30 hours, Certificate Course In “Electric Vehicle Design using MATLAB” by (NIELIT) an Autonomous Scientific Society of Ministry of Electronics and Information Technology, Government of India ISTE Complex, 25, Gandhi Mandapam Road, Chennai. Registration Number: 2024-01-24-EV11-19309, Certificate No.: NVA-C-EV11-1-1577	24 th Jan- 8 th March 2024
NPTEL Course on PYTHON Data Science	23 rd March, 2024
Online Mode-30 hours, Certificate Course In “Advanced Machine Learning For AI Applications” by (NIELIT) an Autonomous Scientific Society of Ministry of Electronics and Information Technology, Government of India ISTE Complex, 25, Gandhi Mandapam Road, Chennai. Registration Number : '2023-10-05-AI11-13446', Certificate No.: NVA-C-AI11-1-1228	05 th Oct- 05 th Nov 2023
Online Mode-30 hours, Certificate Course In “Artificial Intelligence and Machine Learning with Python” by National Institute of Electronics and Information Technology (NIELIT) an Autonomous Scientific Society of Ministry of Electronics and Information Technology, Government of India ISTE Complex, 25, Gandhi Mandapam Road, Chennai. Registration Number : 2023-07-07-ST03-1609 Certificate No.: NVA-C-DS205-1-1084	01 st Aug- 15 th Sept 2023
AICTE-VTU Joint Teachers training programmed on “Electronics Circuit design using Lab View” . Certificate No.: AICTE-VTU/CPGSM/2022-23/PRG-10/020	12 th - 16 th June 2023
Online Mode-30 Hours, Certificate Course In “FPGA Prototyping Using Verilog HDL” by National Institute of Electronics and Information Technology (NIELIT) an Autonomous Scientific Society of Ministry of Electronics and Information Technology, Government of India ISTE Complex, 25, Gandhi Mandapam Road, Chennai. Registration Number : 01-03-2023 - 05-04-2023, Certificate No.: 2310082	01 st March – 05 th April 2023
Eight weeks “Professional Training/Internship Program on Python with Machine Learning” , under the Center of Excellence, National Instruments Innovation Center. Certificate No.: NIIC/COE/SI/ 0423-755	6 th February -10 th April 2023
Research And Ph. D Guidance	
Ms. Malashree-2024 under VTU	Co-Supervisor