

Ms. S.Bhuvaneswari



Designation: Assistant Professor

Qualification: M.E, Ph.D (Pursuing)

Area of specialization: EMBEDDED SYSTEMS

Experience : (As On MAY 2023)

Industrial Experience

Teaching Experience

-

5.4 Years

Number of workshop / FDP attended:

Number of Workshops

Number of FDPs

-

12

Publications:

Conference

Journal

**Natio
nal**

**Internation
al**

SCI

Scopus

Others

-

3

-

3

1

Patents:

National

International

1 Published

-

Professional Body Membership:

ISTE-LM 131022

FDP Details:	Sl. No	Title	Venue	Month/Year
	1.	Applications of Deep Learning Techniques to 5G and Beyond 5G Wireless Communication Technologies	Bapatla Engineering College.	19/09/2022 to 21/09/2022
	2.	Applications of Deep Learning Techniques to 5G Wireless Communication Technologies	Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology	08.02.2022 to 12.02.2022
	3.	Advances in Artificial Intelligence	(ATAL) Siksha 'O' Anusandhan	21.01.22 to 25.01.22
	4.	Design of experiments and artificial neural network	M.J.P Rohilkand University	16.08.21 to 20.08.21
	5.	AI APPLICATION	(ATAL) Government Engineering College Bhuj	22.2.21 to 26.2.21
	6	Recent Advancements of Computational Electromagnetic in Modern Microwave Antennas-1	SVCE	12.10.20 to 17.10.20
	7	Recent Advancements of Computational Electromagnetic in Modern Microwave Antennas-2	SVCE	23.11.20 to 28.11.20
	8	Neural Network and CNN	NITTR, Chandigarh	20.4.20 to 24.4.20

	9	Image and Embedded Processing	NITTR, Chandigarh.	11.5.20 to 15.5.20
	10.	Technological Interventions using Wireless Communication	NITTR, Chandigarh.	18.5.20 to 22.5.20
	11.	Research Oriented Project Work	NITTR, Chandigarh	11.5.20 to 15.5.20
	12.	Machine Learning with MATLAB and Deep Learning with MATLAB	Hands on training via Simulink conducted by Mathwork	6.1.21 to 8.1.21

Publication Details:

1. **“Contact-less heart beat measuring sensor using microwave.”** in the first international conference on advances in computational science and engineering in AIP conference proceedings 2519,050038 3rd October (2022).
2. **“Oral cancer detection at early stage using convolutional neural network in healthcare informatics”** in Healthcare 4.0: Health Informatics and Precision Data Management, 2022, pp. 151–171.
3. **“Detection of Lung cancer using Artificial Neural Networks”** in 2022 International Conference on Data science, Agents & Artificial Intelligence (ICDSAAI) Volume 1 published in IEEE.
4. **“Automated Exterior Wall Painting Robot Using Raspberry Pi”** in 2020 6th International Conference on Advanced Computing and Communication Systems

(ICACCS).

5. **“Development of Industrial Monitoring System based on Embedded HTTP Host using Raspberry Pi”** in Bioscience Biotechnology Research Communication Special Issue Volume 13 No (3) 2020 Pp-157-161.
6. **“Smart Monitoring System using RFID Technology”** in 2020 6th International Conference on Advanced Computing and Communication Systems (ICACCS).
7. **“Multipurpose Smart Assistant”** in International Journal of Control and Automation (IJCA) Vol. 13, No. 2, (2020), pp. 494-499.
8. **"Implementation of TCP/IP on Embedded Web server Using Raspberry Pi in Industrial Application"** in IJARCCCE, Volume 3, Issue 3, March 2014.

Patent

1. System for Water Management Platform for Smart Irrigation Using Cloud based-IoT, Intellectual Property India 36/2021, filled 26th August 2021 and published 3rd September 2021.

Conference Details

1. Participated/Presented a paper titled "A survey of Breast Cancer detection using Machine Learning, Clustering and Optimization Techniques", in the International Conference on Translational research in Drug Discovery and Development for sustainable health care on 3rd to 5th May 2023 organized by the Centre for drug discovery and Development.
2. Presented a paper titled “Material Classification using Artificial Intelligence” in the 11th International Conference on Contemporary Engineering and Technology on May 1-2 2023

Online Courses details

Sl. No	Title	Certification Authority	Month/Year
1	The Complete Machine Learning Course with Python	UDEMY	May 2020
2	Deep Learning with Tensor Flow and Angular2	UDEMY	May 2020

3.	Machine Learning Master Class	UDEMY	June 2020
4.	Communication and Interpersonal Skills At Work	Future Learn	June 14, 2020
5.	Basics of JAVA	NIIT	May 2013