

Mrs.N.VISHNU DEVI,M.E

Assistant Professor & EE(VLSI)

Velammal College of Engineering and Technology, Madurai

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Blog Address:



Educational Qualification:

Category	Name of the Degree	Specialization	Year of Passing	Name of the College	Name of the University	% of Marks / Grades obtained	Class obtained
PG	M.E	VLSI Design	2013	Anna University Of Technology ,Madurai	Anna University, Chennai	8.99 CGPA	First class with distinction
UG	B.E	Electronics And Instrumentation Engg	2010	K.L.N.College Of Engg	Anna University, Chennai	78	First class

Experience in Years: 15

Employment History:

Name of the Institution	Designation/Department	Joining Date	Relieving Date	Experience		
				Years	Months	Days
K.L.N. College of Engineering, Pottapalayam	Assistant Professor/IT	21.07.2010	31.05.2024	13	10	10
Velammal College of Engineering and Technology,Madurai	Assistant Professor/AI&DS	03.06.2025	12.06.2025	01	-	9
Velammal College of Engineering and Technology,Madurai	Assistant Professor/EE(VLSI)	13.06.2025	-			
Total				13	10	10

Interested Research Areas:Medical Image Processing

Scholarships and Awards received:

- My U.G. Guided Project titled “AUTOMATIC INFANT WARMER” has selected as a Best Project in Institute Of Engineers (India) on April 2017.
- My U.G. Guided Project titled “Lung Air Volume measurement from 2nd phase contrast X-Ray images using VI” has selected as a Best Project in National Conference on “Intelligent Computing and Automation” at Kamaraj College of Engineering & Technology, on March 2015.

Funded Research Projects: Nil

Patent rights received: “Real time analysis and prediction of mental and physical health disorders due to modern lifestyle using Machine Learning techniques” (Application No. 202441070037 A,Filed Date:20.09.2024).

Publications Details:

1. Patent Journal Publication Details: “Real time analysis and prediction of mental and physical health disorders due to modern lifestyle using Machine Learning techniques” (Application No. 202441070037 A,Filed Date:20.09.2024).

2. International Journal Publication Details:

S.No.	National/ International	Title of the Paper	Name of the Journal	Details (ISSN/ISBN/ pp /Month/Year)	Area of Publication	Author(s)
Academic Year: 2023-2024						
1.	International	Grading Of Diabetic Retinopathy Using Clahe	International Research Journal of Modernization in Engineering Technology and Science	ISSN 2582-5208	Machine Learning	N.Vishnu Devi
2.	International	House Price Prediction using Machine Learning Algorithm	International Journal of Science & Engineering Development Research	ISSN: 2455-2631	Machine Learning	N.Vishnu Devi
Academic Year: 2022-2023						
1.	International	“Health care Recommendation System Using Ann Algorithm”,	International Journal Of Science & Engineering Development	ISSN 2455- 2631	Image Processing	N.Vishnu Devi
Academic Year: 2019-2020						
1.	International	“Solar Power based Automated Irrigation System”	International Journal Of Innovative Research In Electrical	ISSN 23212004	Electrical	N.Vishnu Devi
2.	International	“Automatic Infant Warmer”	International Journal Of Innovative Research In Electrical	ISSN 23212004	Bio Medical Instrumentation	N.Vishnu Devi
Academic Year: 2015-2016						
1.	International	A Novel Approach of Fuzzy Logic Based Edge Detection for Coronary Angiogram Using Virtual Instrumentation,	International Journal of Information Technology (IIJIT).	Volume 3, Issue 10, IPASJ	Image Processing	N.Vishnu Devi

3. International Conference Presentation Details:

S. No	National/ International	Title of the paper	Name of the Conference	Organizing Institute	Date	Area of Publication	Co-Author(s)
Academic Year: 2021-2022							

1.	International Conference	SMART NEONATAL INCUBATOR USING UBIDOTS	"Virtual Conference on Smart Computing and Advanced Communication (SCAC'22)	PSNA college of Engineering and Technology		BioMedicalInstrumentation	-
Academic Year: 2017-2018							
1.	International Conference	"Automatic Infant Warmer"	ICIEIA'18,	KLNCE	11.05.18	BioMedicalInstrumentation	-
Academic Year: 2015-2016							
1.	International Conference	Lung Air Volume Measurement From X- Ray Images Using DSA Technique	IEEE Sponsored Online International Conference on Green Engineering & Technologies	Karpagam College of Engg	19 April 2016,	Image Processing	-
2.	International Conference	Enhancement of Coronary Artery Blood Vessels Using Digital Subtraction Angiographic Technique".	IEEE Sponsored Online International Conference on Green Engineering & Technologies	Karpagam College of Engg	27 Nov 2015,	Image Processing	-

4. National Conference Presentation Details:

S. N o	National/ International	Title of the paper	Name of the Conference	Organizing Institute	Date	Area of Publication	Co- Author(s)
Academic Year: 2014-2015							
1.	National Conference	Lung Air Volume measurement from 2nd phase contrast X-Ray images using VI	National Conference on "Intelligent Computing and Automation"	KCET.		Image Processing	-
Academic Year: 2012-2013							
1.	National Conference	Image Fusion Using Virtual Instrumentation'	National conferences on Advances in Process control	Bharath University, Chennai.		Image Processing	-
2.	National Conference	Image Analysis Using Virtual Instrumentation	National conferences on Advances in Process control	Bharath University, Chennai.		Image Processing	-
3.	National Conference	Image Fusion Using Multitemporal subtraction	National conferences on Advances in Process control	Bharath University, Chennai.		Image Processing	-
Academic Year: 2011-2012							

1.	National Conference	Digital Subtraction Angiography	National conference	Anna University Trichy		Image Processing	-
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5. Google Scholar report:

<https://scholar.google.com/citations?hl=en&user=QF9L4CsAAAAJ>