

Ressume

BMadhavi,

Assistant Professor (Senior),
Department of ECE,
SPMVV,
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Academic Qualifications:

1. **Ph.D(Part Time) (Pursuing)**of Engineering inElectronics & Communication Engineering from Amrita Vishwa Vidyapeetham NIRF 8th Rank NAACA Grade Bangalore**Sep-2020(Joined).**
- 2.
3. **Master** of Technology in Digital Systems & Computer Electronics from Annamacharya institute of Technology and Sciences, Tirupati, JNTU Anantapur with **82.80%** (2011-13).
4. **Bachelor** of Engineering inElectronics & Communication Engineering from Sri Venkateswara College of Engineering and Technology, Chittoor, JNTU Anantapur with **65.00%** (2008-11).
5. **Diploma** in Electronics and Communication Engineering from **S.B.T.E.T, Nellore** with **62.00%**.(2003-06) .
6. **S.S.CAPTW(G)** Residential High School, Srikalahasti in the year 2003 with **72.00%**.

Journal and Conference Details

International Journals

S.No.	Publication Details
1	B.Madhavi “Improved ABICM Based On Expurgated Bound for Cellular Radio Orthogonal Multicarrier System”, International Journal of VLSI and Embedded Systems(IJVES) website: www.ijves.com (ISSN: 2249-6556), Volume 04, Article 11173, Nov-2013.
2	M.Sravani and B.Madhavi , “Efficient Implementation of Digital Receiver on FPGA”, International Journal of Science and Research (IJSR), Website: www.ijsr.net (ISSN: 2319-7064), Volume 04, Issue 6, June 2015.
3	K.Supriya and B.Madhavi ,“A Novel Method for Digital Image Protection and Self-Recovery using Coding Technique”,International Journal of Scientific Engineering and Technology Research (IJSETR), ISSN: 2319-8885; Volume 05 Issue 43, November 2016.
4	B.Madhavi andCH.Kavya,“Modern Garbage Bin Proctor using GSM”, International Journal of Advanced Scientific Technologies, Engineering and Management Sciences (IJASTEMS), ISSN: 2454-356X, Volume 3, Special Issue 1, March 2017.

5	B.Madhavi and M.Muni Sankar, “Wi-Fi Based Remotely Operated Smart Home Automated System using the Concept of Internet of Things”, International Journal of Advanced Scientific Technologies, Engineering and Management Sciences (IJASTEMS), ISSN: 2454-356X, Volume 3, Special Issue 1, March 2017.
6	E.Gouthami and B.Madhavi , “Intelligent Road Traffic Management using Image Processing” International Journal of Electrical and Computer Communication Engineering (IJECEC), ISSN:533-8945, Volume 3, Issue 2, April 2017
7	A.Sandhya and B.Madhavi , “Intelligent Can Protocol for Design and Implementation of Vehicle Tracking System” International Journal of Electrical and Computer Communication Engineering (IJECEC), ISSN:533-8945, Volume 3, Issue 2, April 2017
8	B.Madhavi and R.Priyadarsini, “Calories and Nutrition Measurement from the Image of Food”, in International Journal of Advanced Research, Ideas and Innovations in Technology (IJARIIIT), ISSN: 2454-132X, Volume 3, Issue 3, May 2017.
9	K.Vijaya Bharathi and B.Madhavi , “Extraction of Tumor Region from Brain MRI Image using K-Means Clustering Technique”, International Journal of Research and Development in Technology, (IJRDT), ISSN:2349-3585, Volume 07, Issue 04, April 2017.
10	Attendance Automation Using Face Recognition Biometric with MATLAB Software UGC APPROVED JOURNAL SR.NO.44396 (IJR) MARCH 2018 ISSN: 2348-6848.
11	Implementation of Reversible Data Hiding Innovations for Image Encoding BOARD OF Blue eyes Intelligence Engineering and Sciences Publication (IJRTE) DECEMBER 2019 ISSN: 2249-8958.

National Conferences

S.No.	Publication Details
1	B.Madhavi , “Improved ABICM Based on Expurgated Bound for Cellular Radio Orthogonal Multicarrier System”, in "National Conference on Advanced Technologies in Computer Science"(NCAT-2K13), organized by Madanapalle Institute of Technology and Science, Madanpalle, AP, 30 th May 2013
2	B.Madhavi , “Efficient Utilization of FPGA”, in "All India Seminar/Conference on Energy Security Through New and Renewable Energy Resources(ESTNRER-2K15), organized by S.V. University College of Engineering, Tirupati, AP, 29 th July 2015
3	B.Madhavi , “Renewable Energy Sources - The Ultimate Source of Survival and Management of Resources”, in "All India Seminar/Conference on Energy Security Through New and Renewable Energy Resources(ESTNRER-2K15), organized by S.V. University College of Engineering, Tirupati, AP, 29 th July 2015
4	B.Madhavi , "Coin Based Multiple Mobile Charger using Solar Tracking System", in Advances in Communication, Signal Processing and VLSI(NCACSPV-2K16), organized by

	Amrita Sai Institute of Science and Technology, Paritala, AP,12 th March 2016
5	B.Madhavi , “Transform Domain in Invisible Digital Video Watermarking”, in "National Conference on Signal and Information Processing"(NCSIP-2K17), organized by S.V. University College of Engineering, Tirupati, AP,30 th March 2017

International Conferences

S.No.	Publication Details
1	B.Madhavi , “Home Automation Through Android App from any Smart Phone using Arduino and Wi-Fi”, in "International Conference on Innovative Applications in Engineering and Information Technology"(IAEIT-2K17), organized by S.P.M.V.V Women's University, Tirupati, AP,1 th Feb 2017
2	B.Madhavi , “Garbage Bin Monitoring System using GSM”, in "International Conference on Innovative Applications in Engineering and Information Technology"(IAEIT-2K17), organized by S.P.M.V.V Women's University, Tirupati, AP,1 th Feb 2017
3	B.Madhavi , “Design and Implementation of Vehicle Tracking System using Can Protocol”, in "International Conference on Emerging Trends in Engineering Science and Technology"(ICETEST-2K17), organized by S.P.M.V.V Women's University, Tirupati, AP,20 th March 2017

Teaching Experience:7 years

- I worked as Assistant Professor, Department of ECE at ‘Vaishnavi Institute of Technology’ (VIT), Tirupati from July-2013 to June-2014.
- I worked as ‘Academic Consultant’ Department of ECE at ‘Sri Padmavati MahilaVisvavidyalayam University School of Engineering and Technology’ (SPMVV) Tirupati from July-2014 to May-2016.
- I worked as Assistant Professor, Department of ECE at ‘Sri Padmavati MahilaVisvavidyalayam University School of Engineering and Technology’ (Tirupati) during the period of June-2016 to Till Date.

Project Works Handled:

- ❖ Guided at least 4undergraduate students in every year.
- ❖ Guided at least1 post undergraduate students in every year.

Subject Handled:

- Analog Communication Systems
- Embedded Systems

Labs Handled:

- Digital Signal Processing Lab
- Electronic Circuit Analysis Lab
- Microprocessors & Microcontrollers Lab

Membership :

The Institute of Engineers (India)

Work Shops/FDPs/Conferences Attended

1. Attended a Two-day **workshop** on “**Signal Processing and Applications**”, conducted by IETE and S.V. University to be held on 7th and 8th of August , 2009 at **S.V. University College of Engineering (SVUCE)**, Tirupati.
2. Attended and presented paper title “**Hybrid Watermarking algorithm using DWT and SVD**”, in 2nd AP Science congress jointly conducted by Andhra Pradesh Academy of Sciences and S.V. University, on 14th November 2009 at S.V.U College of Engineering, Tirupati
3. Participated in **ISTE Workshop** on “**Writing Effective Conference Papers**” conducted by IIT, Bombay at **S.V.U.C.E**, Tirupati on 18th and 19th February, 2012.
4. Participated in technical **seminar** on “**Advanced Design Concepts in Electronics & Telecommunication**” on 19 June 2012 by **Falcon** at Tirupati.
5. Attended the complimentary **seminar** on **MATLAB & Simulink for Engineering Education** at Tirupati on 11 February 2014.
6. AICTE Approved FDP101X on Foundation Program in ICT for Education Conducted by IIIT Bombay from September 13, 2018 to October 18, 2018
7. AICTE Approved FDP201x on Pedagogy for Online and Blender Teaching – Learning Process Conducted by IIIT Bombay from October 30, 2018 to December 13, 2018
8. Online Capacity Building Programmer on INTERNET OF THINGS (IoT) from 21st – 25th May 2020
9. Two Day Hands-on Workshop ‘BIG DATA ANALYTICS’ **Organized by SSIIE –TBI, SPMVV** from 1st & 2nd December 2018
10. Three Day Hands-on Workshop ‘BIG DATA ANALYTICS & IOT’ **Organized by SSIIE –TBI, SPMVV** from 27th-29th April 2018.
11. One Day Workshop on PATENTING & IPR 27th April **Organized by SSIIE –TBI, SPMVV**

Personal Information

Name	:	BUKKE MADHAVI
Father’s Name	:	B CHANDRA NAIK
Date of Birth	:	15-06-1988
Marital Status	:	Married
Nationality	:	Indian
Religion	:	Hindu

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(B.Madhavi)