CURRICULUM VITAE

Dr.M.V.Sruthi,
flat no 201   **Email id: shruthimv@gmail.com**
sri sannidhanam residency,
Ashok nagar,   **Mobile : 8977888152**
kurnool-518006.

Career Objective:

To secure a challenging teaching position where I can effectively contribute my skills as a professional, possessing competent Technical Skills.

Academic profile:

- **Doctor of Philosophy** in the **ECE** department of JNTU Anantapur

- B.Tech: Electronics & Communications Engineering, INTEL Institute of Technology, Anantapur.

- M.Tech: Digital Systems & Computer Electronics, JNTUA, Anantapur.

- Ph.D: Digital Image Processing, JNTUA, Anantapur.

- Working Experience: 13 years.

Ratification:

❖ **Ratified as Assistant Prof in Dr.K.V. Subba Reddy institute of technology ,Kurnool Andhra Pradesh from JNTUA Anantapur.**

Experience / Field of Interest:

- Presently working as **Assoc**iate **Professor in ECE Department** in Dr.K.V.Subba Reddy Institute of Technology, Dupudu Kurnool A.P from 06.05.2017to till date

- Worked in P.V.K.K institute of technology Anantapur for a period of 2years

- Worked in Geetanjali institute of technology, Kurnool for a period of 5 years

Subjects taught:

- COMPUTER ORGANIZATION
- COMPUTER NETWORKS
- EMBEDDED SYSTEMS
- MICROPROCESSOR&MICROCONTROLLERS
- MICROPROCESSOR AND INTERFACING
- DIGITAL LOGIC DESIGN
- OPERATING SYSTEMS
- ARTIFITICIALINTELLIGENCE AND MACHINE LEARNING
- ELECTRONIC DEVICES AND CIRCUITS
- DIGITAL IMAGE PROCESSING
- WIRELESS MOBILE COMMUNICATION
- CELLULAR MOBILE COMMUNICATION
- RADAR SYSTEM
- UNIX OS

Responsibilities held:

- Coordinator for Departmental   Technical Seminar.
- Coordinator for College Academic Committee.
- Project Coordinator

Skills:

- MATLAB
- Languages: C, Verilog, MATLAB
- C, C++ programming.
- MASM, DOSBOX
- Tcl script

PATENTS: 02

1. Patent published on the topic "**System and Method for Removing Motion Artifices and Multimodality Registration of Medical Images**" Dt: 05.10.2019, **AFR NO 201941050842.**

2, Patent published on the topic "**A Novel method and system for human recognition using Difference depth motion and convolution neural networks**" Ref no/APP no

Papers Published:

1. "High speed encryption and decryption of blowfish" –NANOT10 the **International Conference** on Novel Applications of Nano technology organized by Arunai Engineering college, Tiruvannamalai-Tamil Nādu.

2. "High speed soc design of blowfish cryptographic algorithm" Y2k10 National Conference organized by Nova college of Engineering, Hyderabad.

3. M.V.Sruthi, Accurate Multimodality Registration of medical images International Journal of Engineering Research and Development ISSN: 2278-067X, Volume 1, Issue 3 (June 2012), PP.33-36

4. M.V.Sruthi, Accurate correction of Motion Artifacts in Medical Image International Journal of Computer Applications and Technology (2278 - 8298) Volume 1– Issue 1, 2012, 1-3

5. M.V.Sruthi, Removal of Motion Artifacts in Brain Images using Different Filtering Techniques, International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering Vol. 4, Issue 11, November 2015

6. M.V.Sruthi,Enhanced Multimodality Image Registration Based On Mutual Information IOSR Journal of VLSI and Signal Processing (IOSR-JVSP) Volume 6, Issue 1, Ver. I (Jan. -Feb. 2016), PP 09-12 e-ISSN: 2319 – 4200, p-ISSN No. : 2319 – 4197

7. M. V. Sruthi, Improved approach for removing the motion artifacts using particle swarm optimization technique , IOSR Journal of Electronics and Communication Engineering (IOSR-JECE) e-ISSN: 2278-2834,p- ISSN: 2278-8735.Volume 11, Issue 3, Ver. II (May-Jun .2016), PP 20-25 www.iosrjournals.org

8. M.V.Sruthi, An innovative approach for multimodality registration of brain images using particle swarm optimization National Conference on Emerging Trends in Information, Digital and Embedded Systems (NC'e-TIDES-2017)

9. Dr.M.V.SRUTHI," A NEW IMAGING ARTEFACT REMOVAL FROM MRI OF BRAIN IMAGE" International Journal of Research, Volume 7, Issue XII, December/2018, ISSN NO:2236-6124

10. Dr. M.V.Sruthi, Minimization of Streak Artifacts in CT Images Using Particle swarm optimization based Algorithm, IOSR Journal of Electronics and Communication Engineering (IOSR-JECE)ISSN: 2278-2834,p- ISSN: 2278-8735.Volume 13, Issue 6, Ver. I (Nov.-Dec. 2018), PP 54-58 www.iosrjournals.org

11. Color images authentication and copyright protection in blind dual watermarking by Dr.M.V.Sruthi associate professor department of ECE Dr.K.V.Subba Reddy institute of technology, Kurnool. Journal of engineering sciences, Vol 10,Issue 8, Aug /2019 ISSN NO:0377-9254

12. Dr. M.V Sruthi, Associate Professor, Dept. of ECE, Dr.K.V. Subba Reddy Institute of Technology: MOS Implementation of 45nm Technology based Temporarily Fine grained sleep Technique for Sub threshold parallel architecture, JASC: Journal of Applied Science and Computations Volume 5, Issue 11, November/2018 ISSN NO: 1076-5131.

13. Dr.M.V.SRUTHI, Associate Professor ,KVSRIT, Kurnool Medical image fusion using adaptive box filtering and ns transform ,JES Journal of engineering sciences, vol 10,issue 11,Nov/2019,ISSN NO:0377-9254,www.jespublication.com.

14. Dr. M.V.SRUTHI, Associate Professor, Department Of ECE, Dr.K.V.Subba Reddy Institute of Technology, Dupadu, Kurnool. Implementation of a modified decision-based median filter algorithm for image processing applications. Vol 13 Issue 12,2022 Journal of Engineering Sciences.

15. Dr. M.V.SRUTHI, Associate Professor, Department Of ECE, Dr.K.V.Subba Reddy Institute of Technology, Dupadu, Kurnool High-performance ternary designs using graphene nanoribbon transistors, https://doi.org/10.1016/j.matpr.2023.07.170 2214-7853/Copyright _ **2023 Elsevier** Ltd. All rights reserved.

16. Dr. M.V. SRUTHI, Associate Professor, Department Of ECE, Dr.K.V.Subba Reddy Institute of Technology, Dupadu, Kurnool ,Extending 3-bit burst error correction codes with quadruple adjacent error correction, Organizational development Journal,we:www.Journalodj.com/ ,ISSNNO:08889-6402.

17. Dr. M.V. SRUTHI,Associate Professor, Department Of ECE, Dr.K.V.Subba Reddy Institute of Technology, Dupadu, Kurnool, ELDERLY FALL DETECTION AND

LOCATION TRACKING SYSTEM USING HETEROGENEOUS NETWORKS, Journal of Engineering Sciences, Vol 14 Issue 05,2023, ISSN:0377-9254,page 145-151

18.

Functional Projects:

- ❖ Number of Projects Guided at Under-Graduate Level: 50
- ❖ Number of Projects guided at post-Graduate level   : 15

Various Projects Guided in the following Areas:
➢ **Under Graduate Level: (B.Tech)**
     Data communication networks
     Wireless communications
     VLSI
     Artificial intelligence
     Image Processing
     Network Security
     Database Managements
     IOT
➢ **Post Graduate Level: (M. Tech)**
     Communication systems
     Network Security
     Image Processing
     Mobile Communications
     VLSI

Awards / Achievement:

1. **ISTE** Life Membership

Personal Profile:

Name	:	Dr. M.V.Sruthi
Father's Name	:	Dr. M.V.Chandra Sekhar
Husband Name	:	M. Rajesh Kumar
Gender	:	Female
Nationality	:	Indian
Permanent address	:	Flat no :201
		Sri sannidhanam residency
		Ashok Nagar
		Kurnool.

Declaration:

I hereby declare that the information furnished above is true to the best of my knowledge and belief.

Date:

Place: **Dr. M.V. Sruthi**