



**Dr. MALLIKARJUN MUDDA**  
B.E, M.Tech, PhD  
Associate Professor  
SNIST-JNTU  
Hyderabad

### **Experience (10 years)**

Currently working as Associate Professor in Electronics and Communication Dept. Sreenidhi Institute of Science and Technology, JNTU, Hyderabad. From 12-02-18 to till the date.

06 years worked as Assistant Professor in Electronics and Communication dept., School of Engineering and Technology, Jain University, Bangalore, From 06-02-12 to 08-02-18.

02 year worked Assistant Professor in Electronics and Communication Department at Ghousia College of Engineering, VTU, Bangalore, From 28-09-08 to 31-05-10.

### **Higher Qualification-PhD**

➤ **Ph.D Completed** in Jain University, Bangalore. Under the guidance of Dr.Manjunath R, Principal Consultant, Wipro Technology, Bangalore and Dr.Krishnamurthy N. Professor, Jain University, Bangalore.

- **PhD Topic: Brain Tumor Detection and Analysis Using MRI Multi Slice Sequences.**

### **Course Completed:**

- ✓ **NIIT Certified** on Windows & Web application using .NET Framework
- ✓ **Aptech Certification** on Computer Concepts and Advance Data Base Techniques.

✓ Received 2<sup>nd</sup> rank in college for M. Tech first year

**List of Paper Publications:**

1. “Keyword Search over Encrypted Data in Cloud Computing”, Mallikarjun<sup>1</sup>, Dr. Jayashree D. Mallapur<sup>2</sup>, National Conference at T John Institute, Bangalore. (2013)

2. "Design and ASIC Implementation of a 3GPP LTE-Advance Turbo Encoder and Turbo Decoder". Mallikarjun<sup>1</sup>, Prasanna Kumar C<sup>2</sup>, National Conference at T John Institute, Bangalore. (2013)
3. Exhibited a Project paper in "National Level Project Exhibition and Computation" at School of Engineering and Technology, Bangalore. (August 2012)
4. "Review on Brain Tumor Detection and Analysis Using MRI Multi Slice Sequences and further progress proposed" Mallikarjun<sup>1</sup>, Dr.Manjunath R<sup>2</sup>, Dr.Krishnamurthy N<sup>3</sup> in International Journal of Multidisciplinary Educational Research(IJMER), Volume: 4, Issue: 10, October, 2015 with International Scientific Indexing Value: 2.286.
5. "Enhanced Image Registration Technique for Medical Image Segmentation" Mallikarjun Mudda<sup>1</sup>, Dr.Manjunath R<sup>2</sup>, Dr.Krishnamurthy N<sup>3</sup> in International Medical Sciences Academy, Vol 30; No. 3 (July – September 2017) (SCI, Scopus Indexed).
6. "Brain Tumor Classification using Enhanced Statistical Texture Features" Mallikarjun<sup>1</sup>, Dr.Manjunath R<sup>2</sup>, Dr.Krishnamurthy N<sup>3</sup>, accepted in IETE Journal of reaserch(SCI, Scopus Indexed)
7. "RF Controlled Metal and Deleterious Gas Detecting ROVER" Dr. Mallikarjun Mudda, Dr. Thangadurai N, World Journal of Engineering research and Technology, 4 (1), 221-229, 2017.
8. "Application of System Engineering in Election Voting System" Dr. Mallikarjun Mudda, Dr. Sruthi Bhargav N, International Journal of Engineering & Technology -UAE, 7(2.16) 102-106, issue 16, 2018(Scopus Indexed).
9. "Automatic Solar Grass Cutter" Dr. Mallikarjun Mudda, Vishwa Teja, International Journal for Research in Applied Science & Engineering Technology Volume 6, Issue IV, April 2018.
10. "Smart helmet and intelligent bike system using RF technology" Dr. Mallikarjun Mudda, Mr. E Sandeep, International Journal of Basic and Applied Research, P-ISSN 22493352, E-ISSN 22780505, 2018.
11. "Distance Analysis Using HC-SR04" Dr. Mallikarjun Mudda, G.Prathyusha, JETIR November 2018, Volume 5, Issue 11, 2018.
12. "HAPTIC ARM FOR PARALYSED PEOPLE" Dr. Mallikarjun Mudda, A Rakesh, K Gayathri, International Journal of Research and Analytical Reviews (IJRAR), Volume 6, Issue 1 March 2019.
13. "CONTROLLING SPEED OF MAGLEV USING GAP ANALYSIS" Dr. Mallikarjun Mudda, G Prathyusha, A Akshay, International Journal of Research and Analytical Reviews (IJRAR), Volume 6, Issue 1 March 2019.
14. "Assistance for Blind through Audio Command" Dr. Mallikarjun Mudda, Lavan Kumar, International Journal of Science and Research (IJSR) Volume 8 Issue 3, March 2019.

15. “RESERVATION BASED SMART PARKING SYSTEM” Dr. Mallikarjun Mudda, Thrived Kumar, International Journal of Research and Analytical Reviews, 2019 IJRAR March 2019, Volume 6, Issue 1.
16. “Voice-Assisted Blind Spot Detection for Vehicles with Accident Detection” Dr. Mallikarjun Mudda, G Sai Aishwarya. International Journal for Research in Applied Science & Engineering Technology (IJRASET), Volume 7 Issue IV, Apr 2019
17. “Bone fracture detection using GLCM Feature Extraction” Dr. Mallikarjun Mudda, Dr. Syed Jahangir, Submitted for Scopus Indexed Journal.
18. “Preliminary Detection of Lung Diseases in Pediatric Population: A Soft Computing Approach” Dr. Mallikarjun Mudda, Dr. S I Khan, International Journal of Recent Technology and Engineering (IJRTE), ISSN 2277-3878, September 2019(Scopus Indexed).
19. “Target Tracking System: PAN TILT” Dr. Mallikarjun Mudda, Dr. Syed Jahangir, International Journal of Engineering and Advanced Technology (IJEAT) ISSN: 2249-8958, Volume-8 Issue-5, June 2019(Scopus Indexed).

### Conference/Workshops/ FDP Attended

1. 3 days National seminar on **“Recent Advances in Wireless Sensors Networks”** during 10<sup>th</sup>-12<sup>th</sup>feb 2011, held at Department of Electronics and Communication, BEC, VTU, Belgaum.
2. 2-week ISTE Workshop on **“Introduction to Research Methodologies and Techniques”** Conducted by **IIT Bombay**. (July 2012)
3. 3 days **“Faculty development programme”** organized by academic staff college, Jain University, 1<sup>st</sup> – 3<sup>rd</sup> July 2013.
4. 3 days workshop **“Skill development program”** conducted by Centre for Research in Social Sciences and Education (CERSSE), December 2013.
5. 3 days workshop **“Image processing: Fundamentals, Recent Trends and Research Avenues”** conducted by computer science engineering dept. SET, Jain University. August 2016.
6. 4 days faculty development programme in **“OUTCOME BASED EDUCATION (OBE) MODEL”** held at school of engineering and technology, Bangalore, from 13<sup>th</sup>-16<sup>th</sup> July 2016.
7. 7 days faculty development programme in **“OUTCOME BASED EDUCATION (OBE)-II MODEL”** held at school of engineering and technology, Bangalore, from 23<sup>rd</sup>-30<sup>th</sup> January-2017.
8. 2 days International Conference on **“Signal Processing and Communication System”** held at SNIST, JNTU on 06-04-18 and 07-04-18.
9. One week Faculty Development Program on **“Routings and switching concepts in data communication and networking”** organized by SNIST, JNTU on 11-15 June 2018.

10. One week FDP on “**Advanced Digital Communication**” organized by SNIST, JNTU on 07-12 May 2018.

11. Two week “**Effective Teaching Methodology**” organized by SNIST, JNTU from 6<sup>th</sup> Feb to 21 Feb 2019

**Book Published:**

Sl. No.	Name of BOOK	Affiliated	Publisher	Year
1	<b>Advanced Embedded System Concepts</b>	<b>SNIST</b>	<b>Vidyawarta ISBN : 978-93-87990-72-2</b>	<b>2019</b>

**Internal R and D project**

Sl. No.	Project Title	Funded by	Co-Investigator	Year
1	Preliminary Detection of Lung Diseases in Pediatric Population using Soft Computing	<b>SNIST</b>	<b>Dr. mallikarjun</b>	<b>2019</b>