

Dr. B. MADHAVA RAO

Assistant Professor



Education Qualifications:
Specialization:

Doctor of Philosophy (Computer Science & Engg)
Quantum Computing

ADDRESS:

- D – Block -Room No 107

JNTUH ID:

7680-150408-130315

AICTE ID:

1-250-499-7536

ORCHID ID:

0009-0006-1161-5520

EMAIL:

bmadhavarao_cse@mgit.ac.in

DATE OF JOINING:

02-06-2024

EXPERIENCE - 18 Years

- Teaching - 17
- Research -0
- Industry -1
- Others –

SUMMARY:

- Publications - 6
- Conferences - 3
- Patents – 3
- Books – 3

EVENTS:

- Organized - 10
- Attended - 40

LET'S MEET ON SOCIAL:

- <https://www.facebook.com/mgithyderabad>
- <https://www.instagram.com/mgithyderabad>

Membership of Professional Bodies:

1. Life Member of Indian Society for Technical Education (ISTE)LM 9593.

Responsibilities Held at Department Level:

1. Member, Program Content Committee from 2024 to till date.
2. Class Teacher, Mentor, Labs maintenance in-charge

Courses Handled at Under Graduate /Post Graduate Level:

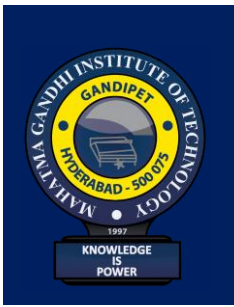
1. **UG:** OS, CN, CO, DAA, ML, IOT, CNS, SE, CS, DM, CC, DM, JAVA
2. **PG:** QC, ML, WS, ADS, AA, DEEP LEARNING, CV, BIG data

Publications:

1. Accepted a paper entitled “**An upgraded Mobile Ad-hoc Network enactment based on optimized signal strength based routing algorithm**” in **IJEER**. ISSN:_____.
2. Published a paper entitled “**significance of cryptography and quantum computing systems for next generation computational security**” in **JCR**. ISSN: 2394-5125.
3. Published a research paper entitled “**analysis of embedded system component security in-line with the computational algorithm execution**” in **IJTSE**-. ISSN: 2457-1016.
4. Published a research paper entitled “**study of quantum key distribution algorithm for better quantum security with quantum channel communication**” in **IJISE**-. ISSN: 2454-6402.
5. Published a paper entitled “**Block chain based E-tender Management System**” in **IJSDR**-. ISSN: 2455-2631, Volume 8, Issue 3 in March 2023.
6. Published a paper entitled “**LSTM based traffic prediction**” in **IJSDR**-. ISSN: 2455-2631, Volume 8, Issue 3 in March 2023.

Patents:

- **I.**
- 1. **Patent Title:** CRIMINAL INVESTIGATION TRACKER WITH SUSPECT PREDICTION



ADDRESS:

- D – Block -Room No 107

JNTUH ID:

7680-150408-130315

AICTE ID:

1-250-499-7536

ORCHID ID:

0009-0006-1161-5520

EMAIL:

bmadhavarao_cse@mgit.ac.in

DATE OF JOINING:

02-06-2024

EXPERIENCE - 18 Years

- Teaching - 17
- Research -0
- Industry -1
- Others –

SUMMARY:

- Publications - 6
- Conferences - 3
- Patents – 3
- Books – 3

EVENTS:

- Organized - 10
- Attended - 40

LET'S MEET ON SOCIAL:

- <https://www.facebook.com/mgithyderabad>
- <https://www.instagram.com/mgithyderabad>

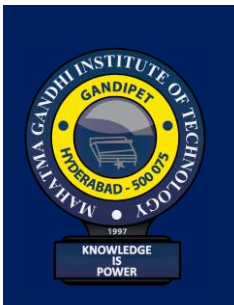
- **2. Applied/Published/Granted:** Published
- **3. Application No:** 202441009545 A
- **4. Patent Journal Details:** OFFICIAL JOURNAL OF THE PATENT OFFICE, Issue No: 10/2024 Dated 08/03/2024 23993.
- **5. Inventors:**
Dr.PRAVEENA AKKI, NAGABOTU VIMALA, PRITI KANDEWAR, R.MURUGANANTHAM, Dr.R.MOHANRAJ, **Dr.B.MADHAV RAO**, A.SRAVANI, Dr. M.VADIVUKARASSI
- **II.**
- **1. Patent Title:** MEASURES TO REDUCE AND MONITOR SOUND POLLUTION IN URBAN AREAS BY MAKING USE OF FOG AND EDGE COMPUTING.
- **2. Applied/Published/Granted:** Published
- **3. Application No:** 202241037558 A
- **4. Patent Journal Details:** OFFICIAL JOURNAL OF THE PATENT OFFICE, Issue No: 27/2022 Dated 08/07/2022 43085
- **5. Inventors:**
Dr. HEMNATHA KUMAR BHUYAN, B.PREM KUMAR, Dr.DINESH BHAGWAN, PROF.RAHUL DAGADE, Dr.NALINI AMHETRE, MD.RAZIYA AHANGIR BANU,Dr.A.S.GOUSIA BANU,Dr.J.ANITHA JOSEPHINE, MALLOTHU RAJARAM, **B.MADHAV RAO**, M.SREENU, SANJIB KUMAR NAIK, Dr.T.SUNIL
- **III.**
- **1. Patent Title:** THE HEART DISEASE PREDICTION USING TECHNIQUE OF CLASSIFICATION IN MACHINE LEARNING
- **2. Applied/Published/Granted:** Published
- **3. Application No:** 202341010793 A
- **4. Patent Journal Details:** The Patent Office Journal No. 12/2023 Dated 24/03/2023 28030
- **5. Inventors:**
KOTTAKONDA MADHUBABU,**B.MADHAV RAO**,Dr.T.SUNIL

No. of Books/Chapter Published with details:

1. Published a book chapter with title "**Introduction to Deep Learning**", in Smart Sensors for Industrial Internet of Things,LIBRO International publishers_978-81-972001-3-7.
2. Published a book chapter with title "**Introduction to Machine learning Concepts and Algorithms**" , LIBRO International publishers_978-81-972001-5-1.
3. Published a books According to SMEC_CURRICULUM, Machine Learning and COA in Spectrum Publications, Hyderabad in 2023.

Refresher Courses/ Workshops/ Webinars/ Seminars/ Guest Lecture:

4. Participated in the AICTE Recognized **one week** Faculty Development Programme on "**Cloud Computing with AWS cloud**" which was held in **SNIST, Hyderabad** in Association with NITTTR-Chandigarh Ministry of Education, Govt of INDIA From January 29th-February 2nd, 2024.



ADDRESS:

- D – Block -Room No 107

JNTUH ID:

7680-150408-130315

AICTE ID:

1-250-499-7536

ORCHID ID:

0009-0006-1161-5520

EMAIL:

bmadhavarao_cse@mgit.ac.in

DATE OF JOINING:

02-06-2024

EXPERIENCE - 18 Years

- Teaching - 17
- Research -0
- Industry -1
- Others –

SUMMARY:

- Publications - 6
- Conferences - 3
- Patents – 3
- Books – 3

EVENTS:

- Organized - 10
- Attended - 40

LET'S MEET ON SOCIAL:

- <https://www.facebook.com/mgithyderabad>
- <https://www.instagram.com/mgithyderabad>

5. Attended a National level **one week** Faculty Development Programme on “**Emerging tools & Techniques in Cloud Computing & Data science**” which was held in **Narsimhareddy Engineering college** From February 19th-24th, 2024.
 6. Attended a National level **Five Days online** Faculty Development Programme on “**Unlocking Industry Insights in Data science**” which was held in **Madanapalle Institute of Technology & Science** From February 12th-16th, 2024.
 7. Attended One Day National level online FDP on “**Virtual Lab in CSE**”- (VCSE’24) which was held in **Narsimha reddy Engineering college, Secunderabad** on 20th January, 2024, in collaboration with VALU3@Amrita, Amrita Vishwa, Kollam.
 8. Participated in the AICTE Recognized **one week** Faculty Development Programme on “**IoT & its Applications**” which was held in **SNIST, Hyderabad** in Association with NITTTR-Chandigarh Ministry of Education, Govt of INDIA From November 6th-10th, 2023
- Refresher Courses/ Workshops/ Webinars/ Seminars/Guest Lecture:
9. Conducted **workshop** on “Research Methodology” at MLEC, Singarayakonda from June 28th-29th in 2012.
 10. Organized One week National Level **FDP** on Cloud Infrastructure (AWS) in **SMEC** in collaboration with Brainovision Solutions India Pvt Ltd and **AICTE** During the period of 21st-25th in Aug 2023.
 11. Organized One Day **Guest Lecture** on “The Roll of Ethical Hacking in BLOCKCHAIN Security” at **SMEC** in collaboration with **SMEC-IIC-COUNCIL**, Hyderabad on Sep 6th in 2023