Mr. K MADHUBABU
Assistant Professor

Education Qualifications:	B.Tech, M.Tech, (Ph.D) (CSE)
Specialization:	Wireless Networks & IoT

ADDRESS:
- D– Block -106

JNTUH ID:
8780-220513-162036

EMAIL:
kmadhubabu_cse@mgit.ac.in

DATE OF JOINING:
05-005-2023

EXPERIENCE - 14 Years
- Teaching - 1
- Research
- Industry -
- Others –

SUMMARY:
- Publications - 9
- Conferences - 2
- Patents – 1
- Riviewe-2
- Books –
- Honors/Awards - 1

EVENTS:
- Organized -
- Attended - 12

LET'S MEET ON SOCIAL:
- **Scopus Author ID: 57217277866**
- https://orcid.org/0000-0003-4857-3142
- http://www.webofscience.com/wos/author/record/[ResearcherID
- https://scholar.google.com/citations?user=XCJLtXsAAAAJ&hl=en&citsig=AMD79ooE7F-

Membership of Professional Bodies:
1. Two

Responsibilities Held at Institution Level:
1. Member

Responsibilities Held at Department Level:
2. Member.

Research Guidance:
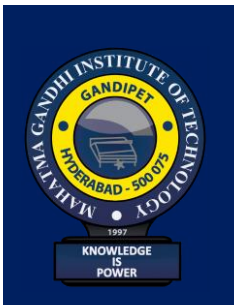
Honors/Awards Received:
3. HONOUR CODE CERTIFICATE **Introduction to Computer Programming** Issued by IITBOMBAYX on 23rd May 2016. Authenticity of this certificate can be verified at https://verify.iitbombayx.in/cert/1bc5a6195eef45bab3b4de5b53ef447a

Courses Handled at Under Graduate /Post Graduate Level:
4. **UG:** Unix and Operating System, Computer Networks,**.** Computer Programming(C-Language),Unix and Shell Programming, Unix Internals, Operating System, Linux Programming, Network Programming,**.** Design and Analysis of Algorithms.
5. **PG:** Unix and Operating System, Advanced Computer Network, Linux Programming

Publications:

1. Journal paper published on "**Effectiveness of deep learning in early-stage oral cancer detections and classification using histogram of oriented gradients**" in expert Systems year 2023, wiley publications **https://doi.org/10.1111/exsy.13439** (Scopus with ESCI)

2. Journal paper published on "**Congestion avoidance for electrically charged autonomous vehicles in vehicular Ad hoc network**" in International Journal of System Assurance Engineering and Management, year 2023, Springer Publication, https://doi.org/10.1007/s13198-023-02091-z (Scopus with ESCI)

3. Journal paper published on "**The Prediction of Diseases Using Rough Set Theory with Recurrent Neural Network in Big Data Analytics**" in International Journal of Intelligent

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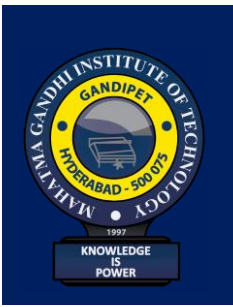
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- https://scholar.google.com/citations?user=XCJLtXsAAAAJ&hl=en&citsig=AMD79ooE7F-

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Engineering and Systems, Vol.13, No.5, 2020 DOI: 10.22266/ijies2020.1031.02, Received: January 17, 2020. Revised: March 13, 2020.(Scopus)

4. Journal paper published on "**Software Metric and Fault Prediction Using Hybrid FISHER Filter- ANNIGMA Framework**" in Volume 8. No. 9, September 2020 International Journal of Emerging Trends in Engineering Research Available Online at http://www.warse.org/IJETER/static/pdf/file/ijeter74892020.pdf .

5. Journal paper published on "**Advanced Link Prediction Technique for Social Networking Websites**" in Turkish Journal of Computer and Mathematics Education Vol.12 No.12 (2021), 4169-4175.

6. Journal paper published on "**Ensemble Face Recognition Using IOT for Universal Purpose**" in international Journal of Advanced Science and Technology Vol. 29, No. 6, (2020), pp. 4069 – 4073.

7. Journal paper published on "**Data Security for Multi Users in Cloud by Using Cryptography Technique**" in International Journal of Computer Science Trends and Technology (IJCST) – Volume 2 Issue 4, Jul-Aug 2014, PP. 80-83.

8. Journal paper published on "**Individual-Adaptive Position Update in MANETS**" in International Journal of Scientific Engineering and Technology Research Volume.03, IssueNo.17, August-2014, Pages: 3667-3670.

9. Journal paper published on "**Improving Data Quality in Applications of Dynamic Forms**" in IJCST Vol. 3, Issue 3, July - Sept 2012 ISSN : 0976-8491 (Online) | ISSN : 2229-4333.

Conferences:

1. Conference paper published on "**Efficient Path Reconstruction Algorithms for Multi Hop Wireless Networks - A Survey**" in Proceedings of the Fifth International Conference on Inventive Computation Technologies (ICICT-2020) IEEE Xplore Part Number: CFP20F70-ART; ISBN:978-1-7281-4685-0. (Scopus, WoS)

Patents:

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1. THE HEART DISEASE PREDICTION USING TECHNIQUE OF CLASSIFICATION IN MACHINE LEARNING.(12) PATENT APPLICATION PUBLICATION (21) Application No.202341010739 A(19) INDIA (22) Date of filing of Application :17/02/2023 (43) Publication Date : 24/03/2023

Papers Reviewed:

2. **Empirical Validation of Feature Selection Techniques for Cross-Project Defect Prediction**[Manuscript Number: IJSA-D-23-00246]. From Springer Nature publications, International Journal of System Assurance Engineering and Management. In April 2023.

3. **Energy Aware Stable Path Ad Hoc On-Demand Distance Vector Algorithm for Extending Network Lifetime of Mobile Ad hoc Networks**[Manuscript ID IJCS-23-0287]. From Willey publications, International Journal of Communication Systems. In April 2023.

No. of Books/Chapter Published with details:
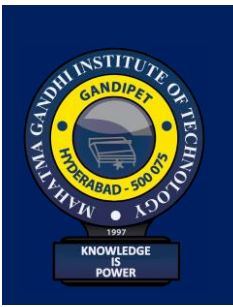Events Organized:

Conferences:

FDPs/STTPs:

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

Events Attended:

FDPs/STTPs:

1. Faculty development program on "**Programming in C and Data Structures**" at JNTUA, Ananthapuramu.

2. IIT Bombay MOOCS "**Computer Programming"** workshop.

3. Attended a 3-Day workshop on **"HADOOP"** in the Department of CSE, Audisankara College of Engineering & Technology, Gudur, Nellore (Dt), A.P.

4. Attended a One week FDP on **"Data Sciences and Big Data Analytics"** Conducted by Electronics & ICT Academy, NIT Warangal, T.S.

5. Attended One week "**Faculty Induction Programme"** Organized by KL deemed to be University, Vaddeswaram, Guntur, A.P., India.

6. Attended One day hands-on workshop on **"CubeSat Design"** Organized by KL deemed to be University, Vaddeswaram, Guntur, A.P., India.

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- https://scholar.google.com/citations?user=XCJLtXsAAAAJ&hl=en&citsig=AMD79ooE7F-

7. Attended One week National level Online Faculty Development Program On "**Internet of Things and Artificial Intelligence Applications**" from 1st June to 6th June 2020, Organized by KL deemed to be University, Vaddeswaram, Guntur, A.P., India.

8. Six day International Level Workshop on "**5G Technologies with Applications for IoT**" organized by Department of Computer Science and Engineering and Department of Electronics and Communications Engineering hosted by V.K.R., V.N.B. & A.G.K. COLLEGE OF ENGINEERING, Gudivada. (10th August to 16th August 2020).

9. AICTE Training And Learning (ATAL) Academy Online FDP on "**Internet of Things (IoT**)" from 2020-9-14 to 2020-9-18 at Central University of Jharkhand.

10. One Week International Workshop on "**Recent Advancement on Electronics and Computer Intelligence**". (RAECI -2021), program held on 26th to 30th April 2021 (Online) and organized by the Department of Electronics and CSE&A, Sambalpur University Institute of Information Technology (SUIIT), Burla , Odisha, INDIA.

11. From KLEF, Vijayawada has participated in 5 Day Faculty Development Program on "**IoT & DATA SCIENCE APPLICATIONS in ELECTRICAL ENGINEERING**" from 27th October 2021 to 1st November 2021.

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

Online Certifications:

1. **Global Certifications:**

   a. Earned **Foundations of Artificial Intelligence** course certificate from **Skill Up** Issue date on May 25th 2021.

   b. Earned Aviatrix Certified Engineer **Multi-Cloud Networking Associate** ACE CERTIFICATION NUMBER 2021-15108, VALID THROUGH November30th 2024.

   c. Earned **Oracle Cloud Infrastructure Foundations 2021 Certified Associate** Issued by ORACLE UNIVERSITY, Date on November 28th 2021.

2. **Course era certificates:**

   1. Seven

Any Other Contribution: