

Name of Faculty THIMMAPURAM MADHURI  
Designation Assistant Professor  
Nature of Job/Appointment Contract  
Date of Joining 14.03.2022  
E-mail tmadhuri\_it@cbit.ac.in



**Education Qualifications**

	<b>Name of the Degree</b>	<b>Class</b>
Ph. D	Doctor of Philosophy (CSE)	Pursuing
PG	M. Tech. (CSE)	First
UG	B. Tech. (CSE)	First
Others	APSET – 2017	Qualified
	UGC NET - 2019	Qualified

**Work Experience**

Teaching	11 Years
Research	--
Industry	--
Others	--

**Area of Specialization**

Data Science

**Professional Memberships**

Life Member of the Indian Society for Technical Education (Membership ID - LM88940).

**Responsibilities held at Institution Level**

Student Bus In-charge

**Responsibilities held at Department Level**

1. Member Board of Studies
2. IUCEE Coordinator
3. Department Library In-charge
4. Course Coordinator
5. Department R&D files In-charge
6. Department co-curricular & extra-curricular activities (Faculty & Students) In-charge.
7. Mentoring Students

**Research Guidance**

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**Awards Received**

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**Courses Handled at Under Graduate / Post Graduate Level.**

DWDM, CD, DLCA, ES&IoT, ACA, SRP, FAI, FIoT&R, SE, FDBMS, OS,WT, OOPP, OOAD, APA.

**No. of Papers Published**

National Journals – 00 International Journals – 07  
National Conference – 00 International Conference – 05

**Projects Carried out**

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**Patents**

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**Technology Transfer**

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**Invited Speaker**

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**No. of Books/Chapter Published with details**

1. Published One Chapter -- Book Titled "Evolution and Applications of Quantum Computing", 2023.

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Details of Short-Term Training Programs/Faculty Development Programs/Seminars/Workshops/Other Trainings (**Attended and/or Organized**).

1. Participated in one week FDP on “Open Source Technologies” organized by NITTTR, Chandigarh at Sree Nidhi Institute of Science and Technology, Hyderabad during 17.10.2022 to 21.10.2022.
2. Successfully completed one week FDP on “Amazon Web Services” organized by GMR Institute of Technology, Rajam in association with BrainOVision Sol.India Pvt. Ltd., CSI & AICTE during 22.08.2022 to 27.08.2022.
3. Participated in six day Online FDP on “Advanced Problem-Solving using Machine learning and Deep Learning” organized by Institute of Aeronautical Engineering, Hyderabad during 25.04.2022 to 30.04.2022.
4. Participated in a One Week Online FDP on “Deep Learning Approaches for 5G and Software Defined Networks” organized by IcfaiTech, IFHE, Hyderabad during 04.04.2022 to 08.04.2022.
5. Successfully completed one week online FDP on “Machine Learning and its Applications” organized by CVR College of Engineering, Hyderabad during 28.03.2022 to 01.04.2022.
6. Successfully Completed a one week AICTE-ISTE approved Orientation/Refresher Programme on “IoT and Machine Learning” organized by JNTU College of Engineering, Ananthapuram, AP during 03.12.2021 to 09.12.2021.
7. Successfully Completed a one week AICTE-ISTE approved Orientation/Refresher Programme on “IoT and Smart Technologies” organized by Model Institute of Engineering and Technology(A),Jammu, J&K during 13.12.2021 to 18.12.2021.
8. Successfully Completed 30 Days “Machine Learning” Master Class from Pantech e Learning Pvt. Ltd, Chennai in association with APSSDC during 15.11.2021 to 14.12.2021.
9. Successfully Completed NPTEL Online Certification course “Data Mining” offered by IIT-Kharagpur for 8 weeks in 2021.
10. Successfully Completed NPTEL Online Certification course “Introduction to Internet of Things” offered by IIT-Kharagpur for 12 weeks in 2021.
11. Participated in a One Week Online FDP on “Role of Machine Intelligence for Information Retrieval” organized by GMRIT, Rajam in association with CSI & ISTE during 06-11<sup>th</sup> July,2021.
12. Participated in AICTE-AQIS Sponsored Six Day Online STTP on “Sensor Networks, IoT and Internet of Everything” organized by St. Martin’s Engineering College, Hyderabad during 31.05.2021 to 05.06.2021.
13. Participated in JNTUH-TEQIP-III supported FDP on “Application of Machine Learning & Data Science in the Emerging Areas” organized by Vidya Jyothi Institute of Technology (A), Hyderabad during 18-20<sup>th</sup> Feb.,2021.
14. Participated & successfully completed AICTE Sponsored One week Online STTP on “Artificial Intelligence & Deep Learning” organized by Model Institute of Engineering & Technology, Jammu, during 03-09<sup>th</sup> Feb.,2021.
15. Participated in a One Week AICTE Sponsored Online STTP on “Machine Learning and its Applications” (Phase-II) organized by Lendi Institute of Engineering & Technology(A), Vizianagaram, A.P during 23-28<sup>th</sup> Nov.,2020.
16. Participated in a Six Day Online STTP on “Deep Learning for Computer Vision Medical Applications” organized by Narasaraopeta, A.P during 30.112020 to 05.12.2020.
17. Successfully completed AICTE Sponsored One week Online STTP(3<sup>rd</sup> Phase) on “ICT Tools for Engineering College Teaching and Outcome Based Learning” organized by Raghu Institute of Technology(A), Visakhapatnam during 09-14<sup>th</sup>

Nov.,2020.

18. Organized a Three Days Faculty Development Program on “Introduction to IoT and Raspberry Pi Programming”, during 16-18<sup>th</sup> Sep.,2021 at Department of CSE, Vardhaman College of Engineering(A), Hyderabad.

#### Details of Journal Publications/ Conferences (**National and International**)

##### **International Journal**

1. Madhuri Thimmapuram, Shoba Rani Salvadi, Narsimhulu Pallati, Rajanikanth Aluvalu, “ Medical Image Classification Using DL-based Feature Extraction in IoMT ”, Recent Patents on Engineering, Volume 17, Issue 6, March 31 2023.  
[DOI:10.2174/1872212117666230222093128](https://doi.org/10.2174/1872212117666230222093128)
2. Ms. Thimmapuram Madhuri, Mr. Ramu Kuchipudi, Mr. Prabhakar Kandukuri, “Machine Learning Algorithm Based Prediction Of Heart Stroke Chances Based On Data Provided”, International Journal of Advanced Research in Engineering and Technology (IJARET), Volume 11, Issue 12, December 2020, pp.2006-2019, Article ID: IJARET\_11\_12\_190, ISSN Print: 0976-6480, ISSN Online: 0976-6499, IAEME Publication, Scopus Indexed.  
DOI:10.34218/IJARET.11.12.2020.190  
[https://iaeme.com/MasterAdmin/Journal\\_uploads/IJARET/VOLUME\\_11\\_ISSUE\\_12/IJARET\\_11\\_12\\_190.pdf](https://iaeme.com/MasterAdmin/Journal_uploads/IJARET/VOLUME_11_ISSUE_12/IJARET_11_12_190.pdf)
3. Ms. Thimmapuram Madhuri, Jatindra Kumar Dash, Manisha Patro, Sujata Chakravarty, Achyuth Sarkar, “Novel Texture Feature for Content Based Image Retrieval”, TEST Engineering & Management, ISSN: 0193-4120 , Volume 83, Publication Issue: March – April 2020, Page No. 17788 – 17800.  
<http://testmagazine.biz/index.php/testmagazine/article/download/6904/5315/>
4. Ms. Thimmapuram Madhuri, Mr. Gouse Baig Mohammad, “A Supervised Learning Based Recommender System for Breast Cancer Prognosis in India”, International Journal of Control and Automation (IJCA), ISSN: 2005-4297, Vol. 12, No. 6, (2019), 2019-12-12 Published, pp. 753-767.  
<http://sersc.org/journals/index.php/IJCA/article/view/4591>
5. Madhuri Thimmapuram, Ramakrishna Gandhi, Prathimarani Palla, Daniel Prasanth T, “A Novel Approach for Faculty Appraisal in Educational Data Mining using CLEMENTINE TOOL”, International Journal of Engineering and Advanced Technology (IJEAT) ISSN: 2249 – 8958, Volume-5, Issue-4, April 2016, Published By: Blue Eyes Intelligence Engineering & Sciences Publication Pvt. Ltd., pp. 200 – 206.  
<https://www.ijeat.org/wp-content/uploads/papers/v5i4/D4538045416.pdf>
6. T. Madhuri, P.Sowjanya, “A Study on Public Health Surveillance Using Internet of Things and Its Applications”, International Journal of Innovative Research in Computer and Communication Engineering (An ISO 3297: 2007 Certified Organization) Vol. 4, Issue 4, April 2016, DOI: 10.15680/IJIRCCCE.2016. 0404131 , pp. 5143 – 5147, ISSN(Online): 2320-9801 , ISSN (Print): 2320-9798.  
[http://www.ijirccce.com/upload/2016/april/131\\_23\\_A%20STUDY.pdf](http://www.ijirccce.com/upload/2016/april/131_23_A%20STUDY.pdf)
7. T. Madhuri, P.Sowjanya, “Microsoft Azure v/s Amazon AWS Cloud Services: A Comparative Study”, International Journal of Innovative Research in Science, Engineering and Technology (An ISO 3297: 2007 Certified Organization) Vol. 5, Issue 3, March 2016, DOI:10.15680/IJIRSET.2016.0503098 , pp. 3904 – 3908, ISSN(Online) : 2319-8753, ISSN (Print) : 2347-6710.  
[http://www.ijirset.com/upload/2016/march/98\\_24\\_Microsoft.pdf](http://www.ijirset.com/upload/2016/march/98_24_Microsoft.pdf)

##### **International /National Conferences**

1. Ms. Madhuri Thimmapuram, Sowjanya Pentakota, H. Naga Chandrika, “Deep Learning for Lung Cancer Prediction: A Study on NSCLC Patients”, International Conference on Smart Technologies in Data Science and Communication (SMART DSC-2021), Part of the Lecture Notes in Networks and Systems book series (LNNS,volume 210) pp 41-53.  
[https://doi.org/10.1007/978-981-16-1773-7\\_4](https://doi.org/10.1007/978-981-16-1773-7_4)  
[https://link.springer.com/chapter/10.1007/978-981-16-1773-7\\_4](https://link.springer.com/chapter/10.1007/978-981-16-1773-7_4)



2. T Madhuri, P Sowjanya, "Design and Implementation of a Smart Motion Sensor Device in Internet of Things (IoT) using Raspberry Pi-3", International Journal of Innovations & Advancement in Computer Science (IJIACS), ISSN 2347 – 8616, Volume 7, Issue 5, May 2018, pp. 340 -343.  
<http://academicscience.co.in/admin/resources/project/paper/f201805211526878799.pdf>
3. T Madhuri, P Sowjanya, Ch Sudhakar, S Naga Mallik Raj, "Computer Science Technology Trends in The Internet of Things (IoT) With A Proposal of IoT Device for Vehicle and Human Safety", International Journal of Advanced Computational Engineering and Networking, ISSN(p): 2320-2106, ISSN(e): 2321-2063, Volume-5, Issue-12, Dec.-2017, pp. 49 – 53.  
[http://www.ijae.in/journal/journal\\_file/journal\\_pdf/3-429-151807296749-53.pdf](http://www.ijae.in/journal/journal_file/journal_pdf/3-429-151807296749-53.pdf)
4. Ms. T. Madhuri, Dr. E. Laxmi Lydia, Ch Sudhakar, "An Improved Optimal Task Selection Strategy for Hadoop Scheduling", International Conference on Energy, Communication, Data Analytics and Soft Computing (ICECDS-2017), 978-1-5386-1887-5/17/\$31.00 ©2017 IEEE, pp. 2783 – 2787.  
<https://ieeexplore.ieee.org/abstract/document/8389963>

