Name of Faculty	G.MAMATHA	
Designation	Assistant Professor	
Nature of Job/Appointment	Regular	
Date of Joining	23-09-2013	
E-mail	gmamatha_cse@cbit.ac.in	
Education Qualifications	**Name of the Degree**	**Class**
Ph. D	Doctor of Philosophy (CSE)	Pursuing
PG	M. Tech. (SE)	Distinction
UG	B. E. (CSE)	First
Work Experience		
Teaching	15 Years	
Research	-	
Industry	--	
Others	-	
Area of Specialization	Internet of Things	
Professional Memberships	CSI Member,I1504173	
Responsibilities held at Institution Level	--	
Responsibilities held at Department Level	1. Coordinator, Student Mentorship 2. In-charge.BridgeCourse 3. Member, Course Expert Group. 4. SPOC, CSE-3 Internship. 5. Member, Kernel Sphere GPS TRACKING PROJECT for CBIT. 6. In-charge, LAB-3, CSE. 7. Member, college counseling 8. Timetable In-charge	
Research Guidance	--	
Awards Received	--	
Courses Handled at Under Graduate / Post Graduate Level.	IT-workshop (LaTeX, Scilab), Discrete Mathematics, Design and Analysis of Algorithms, Information and Network Security, Soft-Computing, Microprocessor and Micro controller, Embedded Systems, Object Oriented Programming trough C++, Programming and Problem Solving, Basics of Data structures, Internet of things, Industry 4.0, IoT applications.	

No. of Papers Published	National Journals – 00	International Journals – 12
	National Conference – 00	International Conference – 00

Projects Carried out	--	
Patents	--	
Technology Transfer	--	
Invited Speaker	--	

No. of Books/Chapter Published with details	--

Details of Short-Term Training Programs/Faculty Development Programs/Seminars/Workshops.Other Trainings (**Attended and/or Organized**).	1. Attended the Two Weeks International Online STTP on "Computational Techniques & Applications in Bioinformatics" from 13th - 25th September 2021, Organized by Department of Information Technology in Collaboration with Student Chapters of IEEE Computer Society and Association for Computing Machinery, MVSR Engineering College, Hyderabad,

1. Attended the Two Weeks International Online STTP on "Computational Techniques & Applications in Bioinformatics" from 13th - 25th September 2021, Organized by Department of Information Technology in Collaboration with Student Chapters of IEEE Computer Society and Association for Computing Machinery, MVSR Engineering College, Hyderabad,
2. participated in Five Day International STTP on "Blockchain for Digital Transformation" organized by Department of CSE, CBIT(A) from 12 – 16 August, 2021.
3. Successfully completing the Three Days Intensive Workshop on "Practical Data Analytics and Machine Learning:Tools and Trends". This workshop was organized by the SIG Coordination Team, Pimpri Chinchwad College of Engineering, Pune from 6th-8th September 2021.
4. participated and successfully completed the 5-day online FDP on the theme "Inculcating Universal Human Values in Technical Education" organized by All India Council for Technical Education(AICTE) from 16 August, 2021 to 20 August, 2021.
5. Participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Smart City Solutions for Sustainable Future" from 02/08/2021 to 06/08/2021 at BMS College of Engineering.
6. Participated & completed successfully One week AICTE Short term Training program(STTP) on Outcome Based Pedagogical initiative for effective teaching and learning" organized by Matrusri Engineering college, Hydearabad from 17th May to 22nd May 2021.
7. Organized a webinar on "Smart Innovations for Automation using IoT" 27th March 2021.
8. attended Webinar on "Research Methodology and Future Research in Engineering" Organized by Department of Computer Science and Engineering, Jaywant College of Engineering and Polytechnic, K. M. Gad, Sangli, On 23th July, 2020.
9. Participated in the AICTE sponsored online Short Term Training Programme on "Internet ofThings(Everything)– Future" slot 2 organized by Department of Computer Science and Engineering, B SAbdur Rahman Crescent Institute of Science and Technology, from 07-09-2020 to 12-09-2020.
10. Participated in AICTE sponsored Six days online Short Term Training Programme on "High performance intelligent Real time embedded system design and Internet of things to accelerate automation system into autonomous system" organized by Department of Electronic and communication engineering R.M.K engineering college from 1st September to 7th September 2020.
11. Awarded certificate on having completed the online course on "Remote Sensing Applications in Agricultural Water Management" by Indian Institute of Remote Sensing (IIRS), during 03-08-2020 to 07-08-2020.
12. Participated in the AICTE Sponsored One Week Online

Short Term Training Programme on "Recent Advancements in Internet of Things for Healthcare Applications" conducted by MOUNTZION college of engineering and technology Department of Electronic and communication engineering from 27th july to 1st August 2020.

13. Participated on one week online Refresher Course on "BharateeyaChaitanyam" organized by the Geervana Bharathi of Chaitanya Samskruthi ,CBIT during 29-06-2020 to 05-07-2020.

14. Participated on AICTE Training And Learning(ATAL) academy Online FDP on "Internet of Things" Organized by National Institute of Technology,Warangel during 22-06-2020 to 26-06-2020

15. Participated an FDP on "Outcome Based Education and NBA Accreditation Process(UG)" CBIT,Hyderabad during 28-05-2020 to 01-06-2020.

16. Participated an FDP on "Artificial Intelligence" Organized by CMR Engineering College,Hyderabad in collaboration with NYCI &Brainovision solutions India Pvt.Ltd during 22-05-2020 to 26-05-2020.

17. Participated on one week Faculty Development programme(FDP) on" PHP & MYSQL" Organized by Department of Computer Science and Engineering ,JNTUH college of engineering , Jagtial association with spoken tutorial ,IIT Bombay during 18-05-2020 to 23-05-2020.

18. Attended a webinar on 23-05-2020 Leadership talk with Mr.Mahesh Babu CEO Mahindra Electric Mobilit Ltd MHRD „s Innovation Cell.

19. Attended a webinar on 23-05-2020 "COVID 19 Infodemic And Communication Challenges" Organized by KIT-Centre for Industry institute Interactions

20. Attended a webinar on 21-05-2020 "Roles of IoT on Industrial Applications" Hosted by Sethu Institute of Technology In association with Pantech learning

21. Attended a webinar on 16-05-2020 Leadership talk with Dr.PramodChaudhari,FounderChairman,Praj Industries Limited and Dr.Abhayjere,Chief Innovation Officer MHRD Innovation Cell. Organized by MHRD „s Innovation Cell .

22. Attended a webinar on 12-05-2020 " Image processing using Python" Hosted by Mount zion college of Engineering and technology association with PANTECH.

23. Attended a webinar on 9-05-2020 India First Leadership Talk with Prof D.P. Singh,Chairman UGC. Organized by MHRD „s Innovation Cell

24. Successfully Completed NPTEL Online certification for "NBA Accreditation and Teaching- Learning in Engineering(NATE)" Enrolled and completed with 90% organized by Indian Institute of Science, Bangalore..

25. Successfully Completed NPTEL Online certification for "An Introduction to "Artificial Intelligence" enrolled and completed with 78% organized by Indian Institute of Technology, Madras.

26. Successfully Completed "Python data structure" an online non-credit course authorized by University of Michigan and offered through Coursera on 28-04-2020

27. Successfully Completed "Programming for Everybody(Getting Started with Python)" an online non-credit course authorized by University of Michigan and

offered through Coursera on 25-04-2020.

28. Successfully Completed " Introduction to Internet of things and Embedded systems" an online non-credit course authorized by University of Calofornia,Irvine and offered through Coursera on 09-11-2019

29. Successfully Completed NPTE Online certification for "Discrete Mathematics" enrolled and successfully completed with 81% of score (**ELITE** on certificate)organized by IIT,Madras.

30. Successfully Completed NPTEL Online certification for „Introduction to Internet of Things" enrolled and successfully completed with **100%** of score. (**ELITE+GOLD** on certificate and I am in **toppers top 1%)**organized by IIT, Kharagpur.

31. Successfully Completed NPTEL Online certification for "Introduction to softcomputing" enrolled and successfully completed with **69%** of score (**ELITE** on certificate)organized by IIT, Kharagpur.

32. Attended one day seminar on 18-10-2019 Talk and Discussion on "Access to Research Process-Schools of Thought" Department of Computer Science and Engineering, CBIT.

33. Participated on one week Faculty Development programme(FDP) on "Data Sciences" E&ICT Academy,National Institute of Technology, Warangal at CBIT during 05-08-2019 to 10-08-2019.

34. Participated on one and half week FDP on NPTEL-AICTE faculty Development programme , IIT, Kharagpur.

35. Attended two day workshop on "TECHTARA" Organized by Dept of CSE, CBIT during 6th and 7th ,March,2019.

36. Attended two days conference Oct,2017 on "DEVCON" organized by SWECHA .

37. Participated on one week National level Faculty Development program on**"Data Analytics using R" at** CBIT,Hyderabad during 20-03-2017 to 25-03-2017.

38. Organized (Coordinator) a Two Day National Workshop On "Privacy Preserving and ICT: Research Ideas" on 02-03-2017 and 03-03-2017 at CBIT,Hyderabad .

39. Participated on one week national level FDP on ETICBDCC at CBIT,Hyderabad during 20-02-2017 to 25-02-2017.

40. Attended an international workshop on Big data and machine learning at CBIT,Hyderabad during 27-03-2017 and 28-03-2017.

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

international/National Journal

1. G.Mamatha(2021) " IoT based Air pollution monitoring system" , Gradiva Review Journal, Volume 7,Issue VI.
2. G.Mamatha(2021) " A Time Series Forecasting with different Visualization Modes of COVID19 Cases throughout the World "International Journal for Research in Applied Science & Engineering Technology, Volume 9, Issue VI,
3. G.Mamatha(2021) " Alerting systems for drivers" GIS Science journal, Volume VIII, Issue 6, June 2021.
4. G.Mamatha(2021) " Internet of things apply key applications in agriculture sector" JICR journal Volume XIII, Issue IV, April 2021.
5. G.Mamatha(2020)"Internet of Things vital performance in agriculture",Alochana Chakra journal, Volume IX,Issue VI pp 3346-3351

6. G.Mamatha(2020)"Review on Organic and Chemical farming and uses of smart agriculture",International Journal of creative Research Thoughts,Volume 8,Issue 5 pp.3200-3203

7. G.Mamatha,D.Nagajyothi(2019)"MQTT, AMQP AND WIRELESS HART PROTOCOL STANDARDIZED IN INTERNET OF THINGS", International Journal of Research and Analytical Reviews, Volume 6, Issue 2 pp 186-190

8. G.Mamatha(2018) " A survey on Attribute based encryption in Cloud storage" International Journal of Research Culture Society, Volume-2, issue5 pp141-144

9. G.Mamatha(2016) "Overview and concepts of IoT models", International journal of Innovative research in computer and communication engineering,Volume 4, Issue11.

10. G.Mamatha(2015)" Usage of Machine learning techniques in Agriculture sector" International journal of Scientific Research& education, Volume3,Issue 6.

11. G.Mamatha(2015) " The functioning of Cloud computing in agriculture sector", International journal for Science and advanced research in technology, Volume 1, issue 12