Name of Faculty	Smt. CH.MADHAVI SUDHA	
Designation	Assistant Professor	
Nature of Job/Appointment	Regular	
Date of Joining	10 – 07 - 2008	
E-mail	madhavisudha_cse@cbit.ac.in	

Education Qualifications	Name of the Degree	Class
Ph. D	Doctor of Philosophy (CSE)	Pursuing
PG	M. Tech(CSE)	First Class
UG	B. Tech	First Class

Work Experience	
Teaching	17 Years
Research	1 year
Industry	--
Others	-

Area of Specialization	Cloud Computing, Security, Computations in CSE
Professional Memberships	CSI Life Member I1504169 Life Member of IFERP Member of Research India Foundation

Responsibilities held at Institution Level	1. Departmental Faculty Coordinator for Web and Branding committee 2. Transport Committee Member for Shruthi 2022 3. Disciplinary Committee Member for Sudhee& Shruthi 2023 and 2024
Responsibilities held at Department Level	1. Member - Course Expert Group 2. Project Coordinator for CSE3 3. Attendance Incharge for III Sem CSE2 and VIII Sem CSE3 4. Faculty coordinator for Value added course AY2023-24 5. Faculty coordinator for III and IV Semester Internships 6. Member in NBA Criteria-1 7. Course coordinator for Cloud Computing PE-II 8. Member-Departmental NIRF Committee 9. Sudhee-Coordinator for Academic Year 2020-21 10. Member-Departmental NIRF Committee 2020,2021 11. Mentor In-charge for 2020-24 Batch CSE3 12. Class In-charge for V Semester CSE1 AY 2022-23 13. Course Coordinator for FLAT 2022-23 14. Attendance In-charge for III Semester CSE1 AY 2022-23 15. Department NIRF Coordinator AY 2022-23 16. Member in NAAC Criteria-1 17. Faculty Coordinator for Alumni Talk dated 22 Dec 2022 18. Coordinator for TASK (Telangana Academy for Skill and Knowledge) 5th,6th,7th Jan 2023 for CSE-1 section.
Research Guidance	--
Awards Received	• Qualified in TS-SET 2017 • Received Best Teacher Award 2022 from Research India Foundation • Recognized as a Scientific Committee Member at the International Conference on Recent Advances in Technology Engineering Science and Management in March 2023

Courses Handled at Under Graduate / Post Graduate Level.	Speech and Natural Language Processing, Cloud Computing, Formal Languages and Automata Theory, Discrete Structures, Automata languages and computations, Compiler Construction, Discrete Mathematics, Object Oriented Programming using C++, Compiler Design, OOSD, Cloud Computing, Object Oriented Software Engineering, Distributed and Cloud Computing
No. of Papers Published	National Journals – NIL International Journals – 04
	National Conference – NIL International Conference – 04
Projects Carried out	--
Patents	Patent filled dated 20/12/2022. Title:Smart Traffic light No: 202241074003
Technology Transfer	--
Invited Speaker/Guest lecture	Delivered a session on Discrete Mathematics as a part of Swecha Exam Preparation classes for JUNTUH and OU college students on 7 march 2022

	Details of Short-Term Training Programs/Faculty Development Programs/Seminars/Workshops. Other Training (Attended and/or Organized).	1. Attended 9 day Faculty Development program on Design and Development of Industry led curriculum development and technology dated 14/12/2022 to 22/12/2022. Organized by AMET university and awarded with **A** grade. 2. Particiapated in 5 day Faculty Development program on Communication skills for Research writing and professional Practices dated 4/12/22 to 8/12/22 organized by GMR Institute of Technology 3. Participated in a guest lecture on Swarm Intelligence conducted by CSE, CBIT(A). dated 15 Sep 2022 4. successful completion of One-week International Level Faculty Development Program On "Amazon Web Services" During the period of 22nd August 2022 to 27th August 2022 Organized by E&TC Department, AISSMS Institute of Information Technology, Pune in collaboration with BRAINOVISION SOLUTIONS INDIA PVT. LTD & ALL INDIA COUNCIL FOR TECHNICAL EDUCATION - AICTE, Ministry of Education, India 5. Successfully participated in One Day National Webinar on "AZADI KA AMRIT MAHOTSAV: 75 YEARS OF INDEPENDENCE DAY CELEBRATIONS" held on 19.08.2022. Lecture was delivered By Eminent Prof. KODURI SRIVANI, Department of Economics, NSS COORDINATOR, Satavahana , University, Karimnagar, India 6. participated in 3 Day National Webinar on "LATEST COMPETITION AND TECHNICAL RULES IN ATHLETICS" held from 01-08-2022 to 03-08-2022 on the occasion of NATIONAL SPORTS DAY, CBIT. 7. attended Online Short-Term Course Machine Learning in Emerging Areas of Engineering, Science & Business" conducted by the SNIST, Hyderabad in association with 05-08-2022. 8. Actively participated in International FDP cum workshop on "Plagiarism Detection and Removal in Research Paper and PhD thesis using Software" organized by Bluecrest University,Liberia Research India Foundation dated 31.07.2022 9. Participated in five days Faculty Development Programme on "Research Trends in AI, IOT&Ethical Hacking" Organized by the Department of CSE and AI&DS from 6-06-2022 to 10-06-2022 10. Participated in the One Week Short Term Training Programme on "Cyber Security" jointly organized by the Department of

Computer Science & Engineering and Department of Information Technology, CBIT(A) during 16-20 May 2022

11. Participated in the One Week Short Term Training Programme on "Cyber Security" jointly organized by the Department of Computer Science & Engineering and Department of Information Technology, CBIT(A) during 16-20 May 2022

12. Participated in National level hands-on workshop on cyber security Tools and Techniques: A Practical Approach" organized by the Department of CSE, CBIT(A) dated 14 May 2022.

13. Participated in National Webinar on HOLISTIC WELLNESS THROUGH THE ARTISTIC SCIENCE OF YOGA held on 11th May 2022 on the occasion of 8th INTERNATIONAL DAY OF YOGA

14. Attended the 5-Day Live Bootcamp on Google Cloud Platform conducted by Turnip Innovations and Facilitated by Dr. Rahul Kapoor from 4th to 8th May 2022

15. Participated and completed AICTE-QIP Sponsored one week Online STC on National Education Policy: Implementation Strategies in Engineering and Technology Institutions under IQAC conducted from 21/03/2022 to 25/03/2022 at MITS, MP, India

16. Participated in a webinar on "Natural Language Processing: Applications and Challenges" organized by the Department of CSE on 11 March 2022

17. Participated in the National Level Hands-on Workshop on " Hunting Bug Bounties" organized by the Departments of Computer Science and Engineering and Information Technology, Chaitanya Bharathi Institute of Technology (Autonomous) on 06 November 2021

18. Participated in a one-week faculty development program on "Transforming teachers for the sustainable post-covid-19 world from aug16 to 20-2021, organized by IITM, New Delhi

19. Organizer for Five Day International STTP on Blockchain for Digital Transformation held virtually during 12 – 16 August 2021 organized by Department of CSE, CBIT(A), Hyderabad, Telangana, INDIA

20. Participated in Azadi ka Amruth Mahotsav, by the Ministry of culture.dated Aug 14th, 2021 Participated & completed AICTE Training And Learning (ATAL) Academy **Online Elementary** FDP on "**Security and Privacy**" from **09/08/2021** to **13/08/2021** at **Mizoram University**

21. Participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "QUALITY ATTRIBUTES FOR THE STRATEGIC IMPROVEMENT OF FACULTY PRODUCTIVITY" from 03/08/2021 to 07/08/2021 at SRI VENKATESWARA COLLEGE OF PHARMACY

22. Completed the **Faculty Development Program** on **Full Stack** from 26th July 2021 to 31st July 2021 (1 week).Organized by E& ICT Academy, IIT Kanpur

23. Participated & successfully completed AICTE Training And Learning (ATAL) Academy **Online Elementary** FDP on "Cyber Security oversight for information Protection" from 12-7-2021 to 16-7-2021 at Cochin University of Science and Technology.

24. Workshop on 16th&17th of July 2021 organized by Department of MCA at Chaitanya Bharathi Institute of Technology (A), Hyderabad

25. Participated in Live Workshop on Technology Commercialisation organized by turnip innovations and facilitated by Dr.Man Singh, Dean Central university Gujarat on 15/02/2021

26. Participated in a webinar conducted by AnanthaKumar national institute of development and public policy research on the topic of artificial intelligence(AI) in public life on 23/01/2021

		27. Participated in the webinar on the financial well being of employees during covid-19 organized by CBIT-SMS in association with RK wealth on 09/01/2021
		28. Participated in STTP on "Data Science: Unfolding Layers of Knowledge" from 23 Nov - 28 Nov 2020, organized by Acropolis Institute of Technology & Research, Indore, under AICTE Quality Improvement Schemes (AQIS)
		29. Attended one-week online STTP on "Machine Learning and Deep Learning Techniques for Artificial intelligence Problems using Python" (MLDLT-2020) series-1 during the period 16-11-2020 to 21-11-2020, organized by the department of Information technology.VNRVJIT. Hyderabad
		30. Participated in one week online Refresher Course on "Bharatheeya Chaitanya" Organized by Geervana Bharathi of Chaitanya samskruthi from 29/06/2020 to 05- 07-2020
		31. Participated in Online FDP on "Outcome Based Education and NBA Accreditation" from 28-05-2020 to 01-06-2020
		32. Participated in a five-day e-FDP on Artificial Intelligence from 22- 5-2020 to 26-5-2020 organized by CSE, CBIT
		33. Participated in Webinar on Cyber Security on 26/05/20 SIIET, JNTUH Completed A four week Coursera course titled "AI for everyone", during the period of 27-04-2020 to 27-05-2020
		34. Completed A five-week Coursera course titled "Information Security Context & Introduction "during the period of 19-04-2020 to 25-5-2020 organized by the university of London
		35. Participated in Leadership talk on 23-05-2020 by MHRD Innovation cell MHRD 'S Innovation cell from 28-04-2020 to 22-05-2020
		36. Participated in Webinar on "Teachers are Leaders" (TRL) 23-05-2020 by 1QAC-BVCOE
		37. Participated in Webinar on Corona Virus Disease Evaluation and Pathogenicity on 23-05-2020 by Narayana Pharmacy, Nellore
		38. Participated in the IIC Online Sessions conducted by IIC of MHRD 'S Innovation cell from 28-04-2020 to 22-05-2020
		39. Participated in CNC Awareness Quiz on 20-05-2020 by AISSMS Institute of Information Technology
		40. Participated in Telangana Government Pledge in association with LEE SHRYUS foundation on 17-05-2020
		41. Participated in Webinar on Cyber Security- Road Mapping Careers on 16-05-2020 by Strom Overseas
		42. Participated in 5 days of FDP from 11-05-2020 to15-05-2020 titled "AI & Its Applications (Covid19 Data visualization, Forecasting, Prediction, & Face Recognition using Open CV)" organized by Eduxlabs (Esior Business Solution LLP)
		43. Participated in Faculty Program on NBA dated 13/05/2020 organized by BVCOE-Navi Mumbai
		44. Participated in Webinar on Digital Transformations on 12- 05-2020 by Strom Overseas
		45. Participated in Webinar on Green Building Technology in Knowledge 4.0 Technical webinar series by Chennai Institute of Technology on 21-05-20
		46. Participated in CNC Awareness Quiz on 20-05-2020 by AISSMS Institute of Information Technology
		47. Participated in Telangana Government Pledge in association with LEE SHRYUS foundation on 17-05-2020
		48. Participated in CNC Awareness Quiz on 20-05-2020 by AISSMS Institute of Information Technology
		49. Participated in Telangana Government Pledge in association with LEE SHRYUS foundation on 17-05-2020
		50. Participated in Webinar on Cyber Security- Road Mapping Careers on 16-05-2020 by Strom Overseas
		51. Participated in 5 days FDP from 11-05-2020 to15-05-2020 titled "AI & Its Applications (Covid19 Data visualization, Forecasting, Prediction, & Face Recognition using OpenCV)" organized by Eduxlabs (Esior Business Solution LLP)

		52. Participated in Faculty Program on NBA dated 13/05/2020 organized by BVCOE-Navi Mumbai
		53. Participated in Webinar on Digital Transformations on 12- 05-2020 by Strom Overseas
		54. Successfully Completed a 12-week IIT-ROPAR NPTEL Course titled Discrete Mathematics(IITROPAR) dated From 29-7-2019 to 18-10-2019
		55. Participated in one day workshop on 18/10/2019 titled "Access to Research Process and School of Thoughts" conducted by CSE Dept, CBIT
		56. Completed An AICTE Approved 8-week FDP IIT- ROPAR NPTEL Course on Cloud Computing From 26- 8-2019 to18-10-2019
		57. Participated in International Conference on Vedic Mathematics on 10/08/2019 Organised by Greevana Bharathi Sanskrit Club, CBIT
		58. Successfully Completed a 12-week IIT-ROPAR NPTEL Course titled Discrete Mathematics(IITROPAR) dated From 29-7-2019 to 18-10-2019
		59. Participated in one day workshop on 18/10/2019 titled "Access to Research Process and School of Thoughts" conducted by CSE Dept, CBIT
		60. Completed An AICTE Approved 8-week FDP IIT- ROPAR NPTEL Course on Cloud Computing From 26- 8-2019 to18-10-2019
		61. Participated in International Conference on Vedic Mathematics on 10/08/2019 Organised by Greevana Bharathi Sanskrit Club, CBIT
		62. Participated in Hands-on National Workshop on "PYTHON PROGRAMMING FOR ENGINEERING APPLICATIONS" from 26/07/2019 to 27/07/2019 organized by MCA Dept, CBIT
		63. Participated in Hands-on National Workshop on "PYTHON PROGRAMMING FOR ENGINEERING APPLICATIONS" from 26/07/2019 to 27/07/2019 organized by MCA Dept, CBIT
		64. Participated in the 47th Orientation Programme from 08-05-2017 to 03-06-2017, conducted by JNTUH, UGC sponsored program obtained A Grade
		65. Participated in the Two Day National Workshop on "Privacy-Preserving & ICT: Research Ideas" Organized by the CSE Dept, CBIT. Dated from 02-03-2017 to 03-03-2017.
		66. Participated in the week national level faculty development program on Emerging Trends, Issues, and Challenges in Big Data & Cloud Computing (ETICBDCC- 2017)sponsored by TEQIP II from 20-02-2017 to 25-02- 2017, organized by the Department of CSE, CBIT, HYD
	Books Published	NILL
.	Details of Journal Publications/ Conferences (National and International)	

International Journals:

1. Paper entitled **"Tracking Attention of Social Media Events using Bi-LSTM"** Published In JETIR (www.jetir.org) ISSN UGC Approved (Journal No: 63975) & 7.95 Impact Factor Published in Volume 9 Issue 6, June-2022 | Date of Publication: 2022-06-10
2. Paper "Leaching Estimation for Paddy Crop using IoT and Machine Learning ", published in Volume 9, Issue VI, June 2021 in International Journal for Research in Applied Science & Engineering Technology ISSN No: 2321-9653) & ISRA journal 7.429 Impact Factor
3. Paper "Leaching Estimation for Paddy Crop using IoT and Machine Learning **",** published in Volume 9, Issue VI, June 2021 in International Journal for Research in Applied Science & Engineering Technology ISSN No: 2321-9653) & ISRA journal 7.429 Impact Factor
4. Paper titled "Cloud-Based Point of Sale System with Face Recognition" published In JETIR (www.jetir.org) ISSN UGC Approved (Journal No: 63975) & 7.95 Impact Factor Volume 8 Issue 6, June-2021 | Date of Publication: 2021-06-25

International /National Conferences:

1. Presented Research paper "video Analysis for weapon Detection and Alerting" in the 3rd international conference on Emerging trends in Engineering and technology. organized by Sandeep institute of Engineering and Management, in association with IFERP dated 20-21 july 2022. ISBN : 978-93-92105-02-9
2. Presented a paper entitled Habit Prediction using Machine Learning on 28th Aug 2021 in 3rd Research day organized by CBIT(A), Gandipet
3. Published a paper titled " Encryption of Alphabetical Message using residuum", National Conference on Information Security NCIS-2015
4. Published a paper titled "An Approach of Homomorphic Encryption using residuum and Chinese remainder theorem for Decryption" National Conference on Relevance of English, Mathematics & Management Sciences to Technical Courses REMMT – 2014.