

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	20 Years	
Research	1 year	
Industry	--	
Others	-	
Area of Specialization	Cloud Computing, Security, Computations in CSE, Recommendation Systems	
Professional Memberships	<ul style="list-style-type: none"> • CSI -Life Member I1504169 • IFERP Life Member - 80284322 • Research India Foundation-Member-RIF-AUG22-430 • Internet Society-Global Member-2257886 • AMIEE-Life Member-AMI/24/0602 • IAENG-Member No: 324770 <ol style="list-style-type: none"> 1. Member in Professional Societies Committee to date 2025 2. Member in Institute Brochure Committee to date -2025 3. Canteen Monitoring Committee Member-2025 4. Member in News Letter Committee-2025 5. Departmental Faculty Coordinator for the Web and Branding Committee to date 6. Disciplinary Committee Member for Sudhee& Shruthi 2023 and 2024 7. Transport Committee Member for Shruthi 2022 1. III Semester Internship Incharge-2025 2. Value Added Course Incharge 2025 3. Class Incharge for III Semester CSE1 4. Member - Course Expert Group 5. Project Coordinator for CSE3 6. Attendance Incharge for III Sem CSE2 and VIII Sem CSE3 7. Faculty coordinator for Value-added course AY2023-24 8. Faculty coordinator for III and IV Semester Internships 9. Member in NBA Criteria-1 10. Course coordinator for Cloud Computing PE-II 11. Member-Departmental NIRF Committee 12. Sudhee-Coordinator for Academic Year 2020-21 13. Member-Departmental NIRF Committee 2020,2021 14. Mentor In-charge for 2020-24 Batch CSE3 15. Class In-charge for V Semester CSE1 AY 2022-23 16. Course Coordinator for FLAT 2022-23 17. Attendance In-charge for III Semester CSE1 AY 2022-23 18. Department NIRF Coordinator AY 2022-23 	
Responsibilities held at the Institution Level		
Responsibilities held at Department Level		

- 19. Member in NAAC Criteria-1
- 20. Faculty Coordinator for Alumni Talk dated 22 Dec 2022
- 21. Coordinator for TASK (Telangana Academy for Skill and Knowledge) 5th, 6th, 7th Jan 2023 for CSE-1 section.

Research Guidance

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- Received Best Faculty Award 2025-Edutech Research Academy

- Received Best Faculty Award 2024 from NEP 2024-National Education Policy

- Recognized as a Scientific Committee Member at the International Conference on Recent Advances in Technology, Engineering Science, and Management in March 2023

- Received Best Teacher Award 2022 from Research India Foundation

- Qualified in TS-SET 2017

Community Engagement, Information and Network Security, 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

National Journals – NIL

International Journals – 04

National Conference – NIL

International Conference – 04

Courses Handled at Under Graduate / Post Graduate Level.

No. of Papers Published

Projects Carried out

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Patents

Patent filed dated 20/12/2022.

Title:Smart Traffic light

No: 202241074003

Technology Transfer

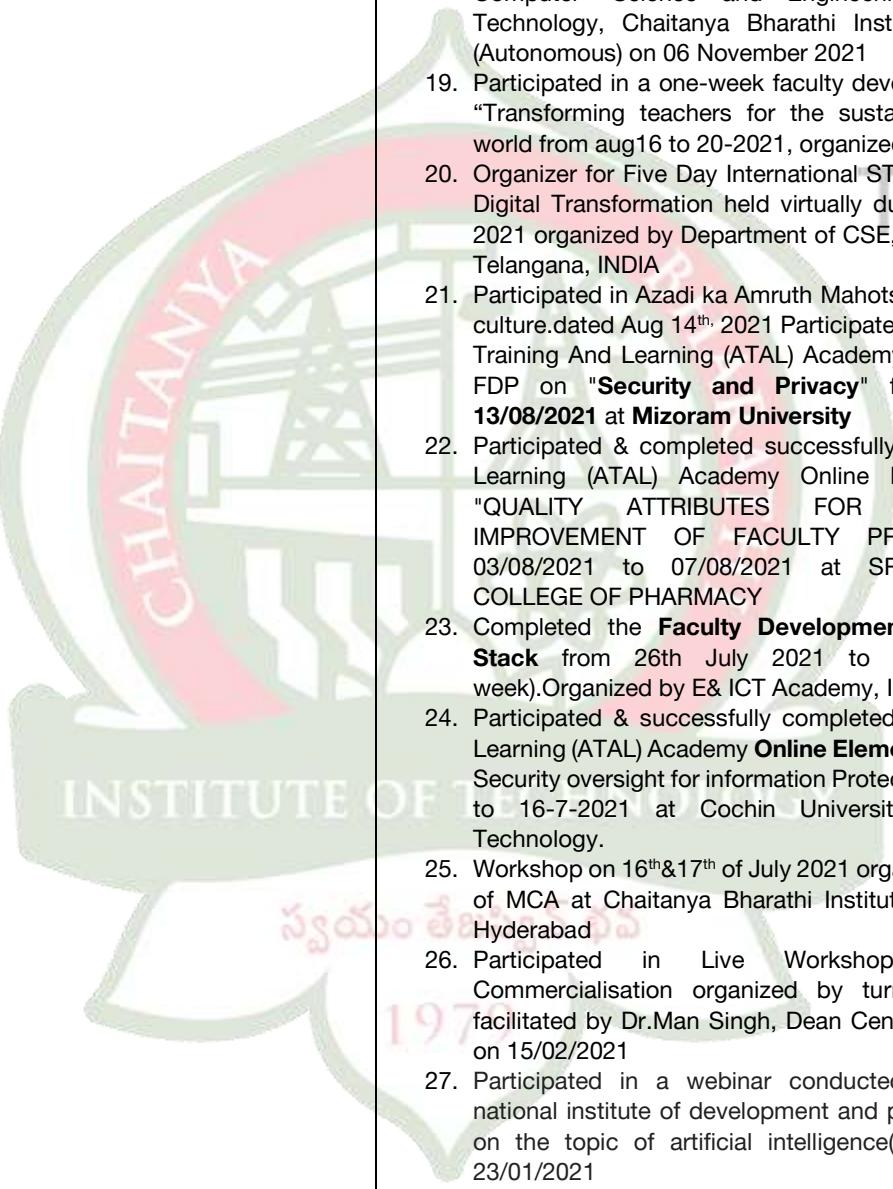
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Invited Speaker/Guest lecture

Delivered a session on Discrete Mathematics as a part of Swecha Exam Preparation classes for JUNTUH and OU college students on 7 march 2022

<p>Details of Short-Term Training Programs/Faculty Development Programs/Seminars/Workshops. Other Training (Attended and/or Organized).</p>	<p>Organized</p> <ol style="list-style-type: none"> 1. Organized as a Coordinator a 5 day (90 hours) Bootcamp- Value Added Course on Sales Force CRM(Customer Relationship Management) April 2025 2. Organized as a Coordinator a 5 day (90 hours) STTP- Upgrading skills in Java April and May 2025 3. Committee Member in one week National Level FDP on Quantum Computing July 2024 4. Organized as a Coordinator a 5 day (90 hours) Unstructured DB with Web Development Bootcamp-Value Added Course April 2024 <p>Attended:</p> <ol style="list-style-type: none"> 1. Attended one week National Level FDP on Frontiers of Natural Language Processing 17th to 21st Nov 2025 2. 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.
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		<ol style="list-style-type: none"> 3. Participated 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 4. Participated in a guest lecture on Swarm Intelligence conducted by CSE, CBIT(A). dated 15 Sep 2022 5. 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 6. 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 7. 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. 8. 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. 9. 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 10. 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 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 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 13. 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. 14. 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 15. 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
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	<ol style="list-style-type: none"> 16. 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 17. Participated in a webinar on “Natural Language Processing: Applications and Challenges” organized by the Department of CSE on 11 March 2022 18. 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 19. 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 20. 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 21. 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 22. 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 23. 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 24. 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. 25. Workshop on 16th&17th of July 2021 organized by Department of MCA at Chaitanya Bharathi Institute of Technology (A), Hyderabad 26. 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 27. 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 28. 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 29. 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) 30. 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-
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		<p>11-2020 to 21-11-2020, organized by the department of Information technology.VNRVJIT. Hyderabad</p> <p>31. 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</p> <p>32. Participated in Online FDP on “Outcome Based Education and NBA Accreditation” from 28-05-2020 to 01-06-2020</p> <p>33. Participated in a five-day e-FDP on Artificial Intelligence from 22- 5-2020 to 26-5-2020 organized by CSE, CBIT</p> <p>34. 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</p> <p>35. 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</p> <p>36. Participated in Leadership talk on 23-05-2020 by MHRD Innovation cell MHRD 'S Innovation cell from 28-04-2020 to 22-05-2020</p> <p>37. Participated in Webinar on “Teachers are Leaders” (TRL) 23-05-2020 by 1QAC-BVCOE</p> <p>38. Participated in Webinar on Corona Virus Disease Evaluation and Pathogenicity on 23-05-2020 by Narayana Pharmacy, Nellore</p> <p>39. Participated in the IIC Online Sessions conducted by IIC of MHRD 'S Innovation cell from 28-04-2020 to 22-05-2020</p> <p>40. Participated in CNC Awareness Quiz on 20-05-2020 by AISSMS Institute of Information Technology</p> <p>41. Participated in Telangana Government Pledge in association with LEE SHRYUS foundation on 17-05-2020</p> <p>42. Participated in Webinar on Cyber Security- Road Mapping Careers on 16-05-2020 by Strom Overseas</p> <p>43. 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)</p> <p>44. Participated in Faculty Program on NBA dated 13/05/2020 organized by BVCOE-Navi Mumbai</p> <p>45. Participated in Webinar on Digital Transformations on 12- 05-2020 by Strom Overseas</p> <p>46. Participated in Webinar on Green Building Technology in Knowledge 4.0 Technical webinar series by Chennai Institute of Technology on 21-05-20</p> <p>47. Participated in CNC Awareness Quiz on 20-05-2020 by AISSMS Institute of Information Technology</p> <p>48. Participated in Telangana Government Pledge in association with LEE SHRYUS foundation on 17-05-2020</p> <p>49. Participated in CNC Awareness Quiz on 20-05-2020 by AISSMS Institute of Information Technology</p> <p>50. Participated in Telangana Government Pledge in association with LEE SHRYUS foundation on 17-05-2020</p> <p>51. Participated in Webinar on Cyber Security- Road Mapping Careers on 16-05-2020 by Strom Overseas</p> <p>52. 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)</p> <p>53. Participated in Faculty Program on NBA dated 13/05/2020 organized by BVCOE-Navi Mumbai</p> <p>54. Participated in Webinar on Digital Transformations on 12- 05-2020 by Strom Overseas</p>
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		<p>55. Successfully Completed a 12-week IIT-ROPAR NPTEL Course titled Discrete Mathematics(IITROPAR) dated From 29-7-2019 to 18-10-2019</p> <p>56. Participated in one day workshop on 18/10/2019 titled “Access to Research Process and School of Thoughts” conducted by CSE Dept, CBIT</p> <p>57. Completed An AICTE Approved 8-week FDP IIT- ROPAR NPTEL Course on Cloud Computing From 26- 8-2019 to18-10-2019</p> <p>58. Participated in International Conference on Vedic Mathematics on 10/08/2019 Organised by Greevana Bharathi Sanskrit Club, CBIT</p> <p>59. Successfully Completed a 12-week IIT-ROPAR NPTEL Course titled Discrete Mathematics(IITROPAR) dated From 29-7-2019 to 18-10-2019</p> <p>60. Participated in one day workshop on 18/10/2019 titled “Access to Research Process and School of Thoughts” conducted by CSE Dept, CBIT</p> <p>61. Completed An AICTE Approved 8-week FDP IIT- ROPAR NPTEL Course on Cloud Computing From 26- 8-2019 to18-10-2019</p> <p>62. Participated in International Conference on Vedic Mathematics on 10/08/2019 Organised by Greevana Bharathi Sanskrit Club, CBIT</p> <p>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</p> <p>64. 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</p> <p>65. Participated in the 47th Orientation Programme from 08-05-2017 to 03-06-2017, conducted by JNTUH, UGC sponsored program obtained A Grade</p> <p>66. 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.</p> <p>67. 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</p>
	Books Published	NILL
.	Details of Journal Publications/ Conferences (National and International)	1979
	<p>International Journals:</p> <ol style="list-style-type: none"> 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.

