Name of Faculty	Dr. SHEENA MOHAMMED	
Designation	Assistant Professor	
Nature of Job/Appointment	Regular	
Date of Joining	20-06-2022	
E-mail	sheena_it@cbit.ac.in	

Education Qualifications	Name of the Degree	Class
Ph. D	Doctor of Philosophy (CSE)	Completed
PG	M. Tech. (SE)	Distinction
UG	B. Tech (IT)	Distinction

Work Experience

Teaching	14 Years 6 Months
Research	--
Industry	--
Others	--

Area of Specialization	Computer Networks, Information Security, Digital Forensics
Professional Memberships	Member, ISTE Number: LM 123838, IAENG Number: 132546 , IACSIT Number: 80347002
Responsibilities held at Institution Level	Department Academic Coordinator — --
Responsibilities held at Department Level	Department NAAC criteria 1 coordinator — --
Research Guidance	--
Awards Received	Received Instructor Excellence Expert from CISCO NetAcad in 2018
Courses Handled at Under Graduate / Post Graduate Level.	Operating Systems, Computer Networks, Data Communications, Cryptography and Network Security, Design and Analysis of Algorithms

No. of Papers Published	National Journals –	International Journals – 16
	National Conference –	International Conference – 07

Projects Carried out	--
Patents	Filed with title "Blockchain Based Confidentiality Framework for Secure Data Shared in Financial Transactions"
Technology Transfer	--

Invited Speaker	1. Given a talk on "Hands-on with Packet Tracer tool" as a speaker on 29th January 2019 at Center for Cyber Security, Vardhaman College of Engineering, Hyderabad.
	2. A month Online Internship Program on "Cyber Security & Forensics", Centre of Excellence in Cyber Security & C-DAC, JNTUH from 28-08-2023 to 23-09-2024.
	3. Acted as Resource Person for Two- Week AICTE sponsored Professional Development Programme on "Effective Administration in Academic Institutions" on 6-8-2022 at UGC-JNTUH, Kukatpally.

No. of Books/Chapter Published with details	
	1. Food Supply chain management by leveraging AI, IoT, and Blockchain Technologies
	2. Using AI with Blockchain: Applications, Challenges, and Future Directions in Health Sciences"
	3. Quantum Cryptography with an Emphasis on the Security Analysis of QKD Protocols

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

1. CISCO Network academy Instructor Training (Module 1&2) at Vardhaman College of Engineering from 23rd October 2017 to 4th November 2017.
2. Attended and certified as an CCNA instructor by CISCO Network academy Instructor Training (Module 3&4) at MVSR Engineering College from 21st May 2018 to 2nd June 2018.
3. Attended Faculty Development Program on "Research Scope and directions in Modern Era" During September 21- 22, 2017 at Vardhaman College of Engineering.
4. Attended Faculty Development Program on *"Emerging Trends in Computer Science" During June* 8-14, 2017 at Vardhaman College of Engineering.
5. Attended Fourth International Conference on *Transformations in Engineering Education held during* January 6-8, 2017 as a Delegate.
6. Participated in IonIdea sponsored ICTIE 2017 workshop on "IONCUDOS Outcome Based Education Platform" during January 6-8, 201
7. National Level One Week Faculty Development Programme on "Recent Trends in Data Science for Engineering" 26th June 2023 to 30th June 2023,Department of Information Technology, Chaitanya Bharathi Institute of Technology, Hyderabad, Telangana in association with CBIT IEEE-RAS student branch chapter.
8. "Advances In Machine Learning, Image Processing and Natural Language Processing" 16th Aug – 21st Aug 2023 Department of Information Technology, School of Engineering & Technology, Nagaland University Dimapur.
9. "Multi-Disciplinary Research Trends in Artificial Intelligence and Data Science, 29th January to 02nd February 2024, The Department of Artificial Intelligence and Data Science, Chaitanya Bharathi Institute of Technology.
10. 5 Days faculty development program on" Cyber Intelligence and Awareness on Social Media Security V2.0", from 27th November 2023 to 1st December 2023.Organized by the Department of Computer Application and Science, Institute of Engineering & Management, Kolkata.
11. FDP on Machine Learning Algorithms and its Applications, 10th – 14th July, 2023. Organized by the Department of Computer Science and Engineering of G. Pulla Reddy Engineering College (Autonomous), Kurnool

Organized :

12. Faculty Development Program"Multi-Disciplinary Research Trends in Artificial Intelligence and Data Science, 29th January to 02nd February 2024, as Co-coordinator.
13. Conducted "Enhancing Digital Security-a two day work shop on Cyber Security" on August 23rd and 24th ,2024.

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

1. Sheena Mohammed, Dr. Sridevi Rangu, "To Secure the Cloud Applications using a Novel Deep Learning Based Forensic Framework", World Scientific Journals – Journal of Interconnected Networks-Scopus Indexed

2. Sheena Mohammed, Dr. Sridevi Rangu, "Exploring the State of Cloud Forensics: Techniques, Tools, and the Role of Deep Learning", the International Journal of Research and Analytical Reviews I IJRAR I E-ISSN 2348-1269, P- ISSN 2349-5138, UGC Approved Journal, June 2023

3. Sheena Mohammed, Dr. Sridevi Rangu, "The cloud forensics frameworks and tools: A brief review" , International Journal of Science and Research Archive, January 2023, 08(01), 173–181, UGC Approved Journal

4. Sheena Mohammed, Dr. R Sridevi, Dr. K.S Sadasiva Rao , "A SURVEY ON CLOUD FORENSICS FRAMEWORKS", IJRCS , Volume-5, Issue 10, October-November 2021.

5. Umaima Qader, Sumera Sultlana, Tasneem Sadaf, Sheena Mohammed, "CYBER SECURITY FRAMEWORK FOR SPAMMER DETECTION AND FAKE USER IDENTIFICATION OSN", IJIRCCE, Volume 9 , Issue 5 , May 2021. ISSN: 2320-9801.

6. Salman Khan, Mohd Faisal Jamal, Mohd Ethesham Khan, Sheena Mohammed ,"BRIDGING THE GAP BETWEEN WEB APPLICATION FIREWALL AND WEBAPPLICATIONS", IJRASET, Volume 9, Issue V, May 2021, ISSSN:2321-9653

7. Mohd Jawwad Qavi, Mohammed Safi Uddin, Syed Abdul Rub, Sheena Mohammed, "IDENTIFYING THE SPREADERS OF COVID-19 USING THE APPROACH OF MULTIPLEX NETWORK", IJIRCCE, Volume 9, Issue 5, May 2021, DOI: 10.15680/IJIRCCE.2021.0905242

8. Mohammed Saifullah Sharief Mohammed Osman Shakeel Farooqui Abdul Mubeen, Sheena Mohammed, "PRIVACY AWARE PERSONAL DATA STORAGE LEARNING HOW TO PROTECT USER PRIVACY FROM EXTERNAL APPLICATIONS", IJARESM, Volume 9, Issue 6, June -2021, ISSN: 2455-6211.

9. Sheena Mohammed, 3C – CLICK, COUNT, CAPTCHA GRAPHICAL PASSWORD

   TECHNIQUE, Research Journal of Engineering and Technology. 9(2):April-June, 2018, Vol. 09| Issue-02|, ISSN 0976-2973 (Print) 2321-581X (Online)DOI: 10.5958/2321- 581X.2018.00017.X

10. VEDIC-MATHS-BASED STEGANOGRAPHY AND   VISUAL CRYPTOGRAPHY,

    International Journal of Applied Research on Information Technology and Computing, Volume 8, Isuue 3, September-December 2017, DOI: 10.5958/0975-8089.2017.00022.7

11. Sheena Mohammed, Madhuri Dachepally, A. Annapurna, A RELIABLE 3-FACTOR AUTHENTICATION FOR SECURED LOGINS, Research Journal of Engineering and Technology; Volume: 6 No: 3: July-September: 2015; DOI 10.5958/2321-581X.2015.

12. Sheena Mohammed, Madhuri Dachepally, A. Annapurna, DISTRIBUTED DENIAL OF SERVICE OVERVIEW AND PRVENTION, International Journal of Computer Engineering and Applications, volume 4 Issue 2, Dec-2014.

13. Madhuri Dachepally, Sheena Mohammed, PROBLEMS AND ALTERNATIVE APPROACH TO ASYNCHRONOUS TRANSFER MODE, International Journal of Applied Research on Information Technology and Computing (Vol. 6, No. 1, April 2015);

14. PARALLEL ANCHORS HIERARCHY TO DOCUMENT SIGNATURES USING SPARSE

    SPATIAL SELECTION, Volume 3, No. 5, Sept-Oct 2012, International Journal Of Advanced Research In Computer Science, ISSN No. 0976-5697

15. DATA LINK LAYER-SECURITY ISSUES, IJCSET Journal, Volume 4, Issue 7, July 2013

    ISSN : 2229-3345

16. SECURE AND SERVICE- ORIENTED FRAMEWORK FOR WIMAX NETWORK,

    International Journal of Applied Research on Information Technology and Computing, Vol IV, Issue III, ISSN No. 0975-8089, Journal DOI No. 10.5958/j.0975-8070, Oct- Dec 2013.

International /National Conferences

1. Sheena Mohammed, Dr. Sridevi Rangu, "A SURVEY ON DIGITAL FORENSICS PHASES, TOOLS AND CHALLENGES" , ICCII 2018 Conference, Springer.

2. Reinforcement Learning for Fuel Efficient Driving on Hilly Terrain - Maximizing Horizontal Distance Travelled , Hinweis Second International Conference on Advanced Research in Engineering and Technology (ARET-2024), indexed by Scopus and Crossref.

3. "A Review on Video Transcript Summarization Using Lip Reading And NLP For Overlapping Speech Resolution" at the 1st International conference on Innovative Computing Technologies (ICICT-2024) held during 13-14 December 2024.

4. "A deep learning in Brain Stroke Detection: A Survey of Models, Advantages, and Limitations" in 1st International

Conferences on Artificial Intelligence, Device Computing, Communication and Signal Processing (AIDCCSP-2024) held from 20-22 December 2024.

5. "Human Motion Recognition with Smartphone Data" in 2nd IEEE International Conference on Artificial Intelligence Trends and Pattern Recognition 2024, organized by Vardhaman College of Engineering, Hyderabad held during 6 - 8 December 2024.

6. "DETECTION OF KNEE OSTEOARTHRITIS USING THE XCEPTION MODEL AND VOTING CLASSIFIER" in 2nd IEEE International Conference on Artificial Intelligence Trends and Pattern Recognition 2024, organized by Vardhaman College of Engineering, Hyderabad held during 6 - 8 December 2024.

7. Delivered an Oral Presentation Entitled "ID 106: A Survey on Deep Learning Approaches for Cloud Forensics Analysis." Presented at the 4th Indian IEOM Hyderabad, India Conference. Nov-7-9,2024.