Name of Faculty	G. SHANMUKHI RAMA	
Designation	Assistant Professor	
Nature of Job/Appointment	Regular	
Date of Joining	29 – 06– 2019	
E-mail	Shanmukhi.rama_cse@cbit.ac.in	

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

Work Experience	
Teaching	07 Years
Research	00 years
Industry	05 Years
Others	00 Months
Area of Specialization	Software Engineering, Intelligent Systems
Professional Memberships	Member, IAENG Number: 259967 Member, CSI Number: 5021250120
Responsibilities held at Institution Level	1. Webmaster, Convenor of Web Branding Committee, from 06-01-2021 to till date. 2. Member, Technical Committee of Web Branding Committee, from 13-02-2020 to 30-12-2020. 3. Member, Photography committee of Web Branding Committee, from 30-06-2020 to 30-12-2020.
Responsibilities held at Department Level	1. Faculty Coordinator of HEADSTART 2024, A national Level Tech fest. 2. Faculty Advisor for Google Development Student Club at CBIT 3. Faculty Coordinator of Robotic Process Automation (RPA) Center of Excellence 4. Convenor of Project Development CEG Group.
Research Guidance	--
Awards Received	--
Courses Handled at Under Graduate / Post Graduate Level.	Basics of Data Structures, Mobile Computing, Digital Electronics and Logic Design, Software Engineering, Case Tools Lab, Python, Web Technology
No. of Papers Published	National Journals – Nil International Journals – 04 National Conference – Nil International Conference – 03
Projects Carried out	--
Patents	03 published
Technology Transfer	Data Science and Machine Learning: Making Data-Driven Decisions by MIT IDSS
Invited Speaker	--
No. of Books/Chapter Published with details	1. Authored a book with the title "Blockchain Technology and Commercial Applications" in 2023.
Details of Short-Term Training Programs/Faculty Development Programs/Seminars/Workshops.Other Trainings (**Attended and/or Organized**).	1. Participated and successfully completed one week national level FDP on "Revoultionizing education with generative AI: Teaching and learning strategies" at Narasaraopeta ENGINEERING COLLEGE in collaboration with Blackbucks group from 03rd to 15th March, 2025. 2. completed Career Essentials in Generative AI certification by Microsoft and LinkedIn.

3. Participated and successfully completed one week national level online ATAL FDP on "Explainable AI Frameworks" at ACE ENGINEERING COLLEGE from 20th to 25th January, 2025.
4. Participated in Two week winter school on "computer vision and speech processing" at CBIT in Technical association with ACM Hyderabad Deccan Chapter during 9th to 21st December 2024.
5. Organized & Participated in 1st International conference on Innovative Computing Technologies(ICICT 2024) organized at Chaitanya Bharathi Institute of Technology(A), Hyderabad during 13th -14th December 2024.
6. Participated in the AICTE Recognized one week Faculty Development Programme on "AI for SDGs under Bharat Abhiyaan" at CBIT from 18th to 22nd November, 2024.
7. Delivered a guest lecture on "Navigating IT Careers: Trends and oppurtunities in the evolving Job market" for the Department of CSE, Sumathi Reddy Institute of Technology for women on 27th July, 2024.
8. Organized & Participated in Technical Event Headstart 2024 under Sudhee 2024, by the Department of CSE, Chaitanya Bharathi Institute of Technology(A), Hyderabad during 26th to 27th April, 2024.
9. Participated and successfully completed national level online FDP on 'SMART CONTRACT AND BLOCK CHAIN TECHNOLOGIES, organized by the E&ICT Academy, NIT Warangal From 30th January To 10th February ,2023 .
10. Participated and successfully completed one week national level online FDP on 'MATHEMATHICS FOR DATA SCIENCE AND MANCHINE LEARNING , organized by the Department of Computer Science & Engineering ,Gopalan College of Engineering And Management, Bangalore From 2nd January To 7th January ,2023 .
11. Participated and successfully completed the 40 hours FDP on "AI / ML FOR COMPUTER VISION AND MEDICAL IMAGE ANALYSIS APPLICATIONS" " organized by E&ICT Academy ,NIT Warangal and Department of ECE from 3rd December 2022 to 12th December 2022.
12. Participated and successfully completing Python Foundation Certification organized by Infosys python foundation certification from on Thursday ,July 28th 2022.
13. Participated and successfully completed a One Week ONLINE Short Time Training Programme on "Art of Algorithm Writing and Computer Programming- for Beginners with Applications to Image Processing" organized by the Department of Computer Science & Engineering in association with Centre for Continuing Education, National Institute of Technology Warangal, during 24th -28th January 2022.
14. Successfully Completed Module 5: Technology Enabled Learning and Life-Long Self Learning of National Initiative for technical Teachers Training during September 2021.
15. 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 26 July 2021 to 30 July 2021.
16. Attended as Resource person during technology entrepreneurship Development Programme held at sumathi reddy Institute of Technology for women during 18th Jan-27th Feb 2021.
17. Participated in Women Entrepreneurship Development Programme held at Sumathi Reddy Institute of Technology for Women during 15th Feb - 13th Mar 2021.
18. Successfully Completed 8 Weeks Course on "Python for Everybody" offered through Coursera from 06-05-2020 to 01-07-2020.
19. Participated in A Webinar on "How to publish Research Article in SCI Journals using Info-Graphic Tools" from IQAC, Rai University, Gujarat on 04-06-2020.
20. Attended A one Week Faculty Development Program on "Outcome Based Education and NBA Accreditation Process – (UG)" at CBIT, Hyderabad during 28-05-2020 to 01-06-2020.

21. Participated a Leadership Talk with Dr.Nilesh N Oak through twitter on "Indian Civilization and History" Hosted by Dr.Abhay Jere, MHRD, Govt. of India on 30-05-2020.
22. Participated a Leadership Talk with Mr.Mahesh Babu CEO Mahindra Electric Mobility Ltd. Broadcasted by MHRD Innovation Cell, Govt. of India on 23-05-2020.
23. Attended A one Week Faculty Development Program on "Big Data Analytics" from NITTTR, Chandigarh during 18-05-2020 to 22-05-2020.
24. Attended A five Day Faculty Development Program on "Artificial Intelligence and Machine Learning" at CMR Technical Campus, Hyderabad during 18-05-2020 to 22-05-2020.
25. Participated in A Leadership Talk with Dr. Pramod Chaudhari, Founder, Chairman, Praj Industries Limited Broadcasted by MHRD Innovation Cell, Govt. of India on 16-05-2020.
26. Successfully completed a project course "Develop a Company Website with Wix" offered through Coursera on 09-05-2020.
27. Participated A Leadership Talk with Prof. D. P .Singh, Chairman, UGC Broadcasted on 09-05-2020 by MHRD's Innovation Cell.
28. Attended 15 IIC Online Sessions on "Innovation, IPR, Entrepreneurship, and Start-ups" conducted by Institution's Innovation Council (IIC) of MHRD's Innovation Cell, New Delhi from 28-04-2020 to 22-05-2020 during COVID-19 nationwide lockdown
29. Attended A one week Train the Trainee Program of Robotic Process Automation at Automation Anywhere Pvt. Ltd, Bangalore during 21-01-2020 to 24-01-2020.
30. Attended A 3 days RPA training Program at CBIT Hyderabad during 19-03-2019 to 21-03-2019.
31. Coordinator, Tech Tara'19 a Women's day event at CBIT, March, 2019.
32. Successfully completed an e-learning course "Break the ICE: An introduction to creating your first bot" at Automation Anywhere University on 16-03-2019.
33. Successfully completed an e-learning course "Hello Bot: Introduction to RPA" at Automation Anywhere University on 24-07-2018.
34. Attended In house Faculty Development Program from ITC, at CBIT, December, 2018.

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

International Journal

1. Lalitha Taruna Vishalakshi Mul, Srishti Turki, Kallam Raga Ramya Sree, G. Shanmukhi Rama ,UniBites: A Design Framework of ID Card Based Canteen Food Ordering System for Universities with Collaborative Filtering Techniques and Voice Assistance , Dec 2024,IJMR, Volume 6, Issue 6 ,DOI: https://doi.org/10.36948/ijfmr.2024.v06i06.33303
2. G Shanmukhi Rama ,Chest X-ray image-based Covid-19 Detection using Deep Learning Algorithm, May 2022 ,IJIRT ,Volume 8 Issue 12 , ISSN: 2349-6002
3. G Jhansi Rani ,G Shanmukhi Rama ,K Ranganath , Tarun Kumar Juluri , Ch Vinay Kumar Reddy(2020) "Face detection authentication analysis on smartphones", International Conference on Recent Advancements in Engineering and Management,October ,2020, doi:10.1088/1757-899X/981/3/032026
4. G Jhansi Rani,G Shanmukhi Rama , Ranjith Kumar Marrikukkala, Y Srikanth , Ch Vinay Kumar Reddy ," An IOT Based Environmental Monitoring System",2020, doi:10.1088/1757-899X/981/3/032025
5. G Shanmukhi Rama (2019) "Improving Software Quality & Software Measurements Statistical Analysis", International Journal of Research, Volume 8, Issue 3, March 2019 pp. 54-65.
6. G Shanmukhi Rama (2019) "Randomization and Recursive Traversal Algorithm Based Reduction of Code Reuse Attacks", Journal of Applied Science and Computations, Volume 6,issue 2,February 2019 pp. 1603-1608.
7. G Shanmukhi Ram, and G Satish Kumar (2019) "An Approach for Advanced Multi Authority CP-ABE Access Control Scheme for Public Cloud Storage", International Journal of Research, Volume 8 Issue 2 ,February 2019 pp. 624-629.