Name of Faculty	**Dr. B. Ramana Reddy**	
Designation	Assistant Professor	
Nature of Job/Appointment	Regular	
Date of Joining	25 - 06 - 2013	
E-mail	bramanareddy_cse@cbit.ac.in	

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

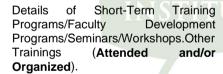|	
Work Experience	
Teaching	17 Years
Research	7 years
Industry	--
Others	--
Area of Specialization	Cloud Computing , Artificial Intelligence, Machine Learning
Professional Memberships	Member, Computer Society of India Number: L1504158
Responsibilities held at Institution Level	1. Member: Infrastructure, Planning, Monitoring and Execution 2. Nodal Center Coordinator : Virtual Labs: 2019 , 2020
Responsibilities held at Department Level	1. Head Start 2023 Coordinator 2. Departmental level Infrastructure in charge 3. Convener, Course Expert Group. 4. Faculty Instructor, Bridge Course: 2013, 2014, 2015, 2016, 2017
Research Guidance	--
Awards Received	1. Qualified in APSET – 2017 2. Qualified in FET - 2010 Conducted by JNTUH. 3. Received Certificate in Information Technology (CIT) from IIIT Hyderabad, April 2009.
Courses Handled at Under Graduate / Post Graduate Level.	Formal Languages and Automata Theory, Cloud Computing, Information Storage and Management, Data Structures, Design and Analysis of Algorithms, Computational Thinking, Computer Architecture and Microprocessors, Embedded Systems, C , Python Programming, Tools: Raptor, Latex
No. of Papers Published	National Journals – Nil International Journals – 08 National Conference – Nil International Conference – 07
Projects Carried out	--
Patents	Application Number : 202141016077 A Title of the Invention : Secure human authentication system with three level multi model Biometric fusion using artificial neural networks Date of Publishing : 16/04/2021 Application Number : 202241074002 Title of the Invention : Real time Data Monitoring Smart Mining Jacket Date of Publishing : 20/12/2022

Technology Transfer	--
Invited Speaker	1. Delivered on the topic of "Arrays, Strings in Python" on 27th June 2023, A One-Month AICTE IDEA LAB Summer Internship Programme (SIP). 2. Delivered a Guest lecture on topics "Operating Systems" to B.Tech III year students, at Avanthi Institute of engineering & Technology on 23rd Oct 2017. 3. Delivered a Guest lecture on topic "Cloud Computing" to B.Tech students, at Avanthi Institute of engineering & Technology on sept 2016.
No. of Books/Chapter Published with details	1. Dr. Raghaveder Raju L, M. Venkata Krishna Reddy, **B.Ramana Reddy**, "Health Monitoring using at Mega Microcontroller and IoT", Book Chapter, Applications of Internet of Things(IoT) in Real World, Taurean Publications, ISBN: 978-1-956861-10-5. pp 48-59, Date: 16 May, 2022.
Details of Short-Term Training Programs/Faculty Development Programs/Seminars/Workshops.Other Trainings (**Attended and/or Organized**).	1. Participated a one day workshop on "Comprehensive Tour: 2020" organized by Nadimpalli Satyanarayana Raju Institute of Technology (NSRIT) on 8th July 2023. 2. Attended a one week FDP on "Recent Trends in Data Science for Engineering" organized by Dept. of IT, CBIT on 26th -30th June 2023. 3. Attended a Five day E- workshop on "Scientific Communication for Researchers" organized by B.M.S. College of Engineering on 29th May – 2nd June 2023. 4. Attended a three day FDP on "Mentoring skills and cognitive Strategies" organized by Bangalore Institute of Technology on 29th – 31st March 2023. 5. Attended a three day FDP on "Research Grants, Publications and Consultancy skills for Academicians" organized by Bangalore Institute of Technology on 6th – 8th March 2023. 6. Attended a Five day FDP on "Cyber Security Analytics" organized by Bangalore Institute of Technology on 27-09-2022 to 01-10-2022. 7. Attended a Guest lecture on "Swarm Intelligence" organized by Dept. of CSE, CBIT on 15th September 2022. 8. Received a Certificate of merit 2-week FDP on "Python Programming" organized by Career Development Center , CBIT on 10-08-2022 to 22-08-2022. 9. Attended a Five day FDP on "Research trends in AI, IoT & Ethical Hacking" organized by Annamacharya Institute of Technology and Sciences on 06-06-2022 to 10-06-2022. 10. Participated one week UGC Sponsored STTP on "Cyber Security" Jointly organized by Dept. of CSE and IT on 16-05-2022 to 20-05-2022. 11. Attended a one day National Level hands - on workshop on "Cyber Security Tools and Techniques: A Practical Approach" organized by Dept. of CSE, CBIT on 14th May 2022. 12. Participated in the International Conference on "Computational Intelligence & Data Analytics (ICCIDA – 2022)" organized by Vasavi College of Engineering on 8th - 9th January 2022. 13. Attended a one day National Level hands-on workshop on "Hunting Bug Bounties" organized by Dept. of CSE, CBIT on 6th November 2021. 14. Participated a webinar on "Preparation of Research Article Towards Quality Publication" organized by Nagpur Institute of Technology on 9th Sep 2021. 15. Attended a Five day STTP on "Block Chain for Digital Transformation" organized by Dept. of CSE, CBIT on 12th - 16th August 2021. 16. Organized a Five day STTP on "Block Chain for Digital Transformation" organized by Dept. of CSE, CBIT on 12th - 16th August 2021. 17. Attended a one week FDP on "Advanced Teaching tools & Methodology for outcome based Education" organized by

Gulzar Group of Institutions on 18-05-2021 to 22-05-2021.

18. Attended a one week FDP on "Outcome based education and NBA Accreditation process – (UG) on 28-05-2020 to 01-06-2020.

19. Successfully completed the Coronavirus – (Covid-19) Awareness program organized by NSS JNTUH College of Engineering Jagtial on 28-05-2020.

20. Attended a two day FDP on "Research Paper & project proposal writing "organized by SVEC on 15-05-2020 to16-05-2020.

21. Participated in the IIC Online Sessions conducted by Institution's Innovation Council (IIC) of MHRD's Innovation Cell, New Delhi to promote Innovation, IPR, Entrepreneurship, and Start-ups among HEIs from **28-04-2020 to 22-05-2020**.

22. Attended a two week course on "Digital Transformation in Teaching Learning Process" course offered by IIT Bombay on 06 -04-2020 to 22 -04-2020.

23. Participated one day in Talk and Discussion on "Access to Research process – Schools of Thought" on 18th october, 2019.

24. Participated One week workshop on "Research Methodology" organized by VTU on 26 -02-2018 to 03-03-2018.

25. Attended a two day workshop on "Research workshop" organized by IIITH on 26-08-2017 to 27-08-2017.

26. Attended a two day National workshop on "Privacy preserving & ICT: Research Ideas" organized by CBIT on 02-03-2017 to 03 -03-2017.

27. Attended a one week FDP on "Emerging Trends, issues and challenges in Big Data & Cloud computing" organized by CBIT 20-02-2017 to 25-02-2017.

28. Attended a six day FDP on "Data Science and Big Data Analytics" jointly organized by GRIET and NITW on 04-11-2016 to 06-11-2016 & 11-11-2016 to 13-11-2016.

29. Attended two day National workshop on "Cloud Computing" organized by CBIT on 07-09-2016 to 08-09-2016.

30. Attended one week workshop on "Deep learning for visual computing" organized by IITH on 20-06-2016 to 25-06-2016.

31. Attended two day workshop on "Applications of open source computer tools in Biology" organized by CBIT on 21-03-2016 to 22-03-2016.

32. Attended one day workshop on "Internet of Things" organized by CBIT on 20-02-2016.

33. Attended two week FDP on "Recent trends and Advancements in VLSI for Embedded Applications" organized by CBIT on 15-06-2015 to 27-06-2015.

34. Attended a five day workshop on "Big Data" at SNIST on 15-12-2014 to 19-12-2014.

35. Attended a two day workshop on "Next Generation Devices and Computing organized by CBIT on 28-11-2014 to 29-11-2014.

36. Attended two day workshop on "Big Data" organized by Vasavi College of Engineering on 30-10-2014 to 31-10-2014.

37. Attended Two day workshop on "Research Methodologies and Tools" organized under TEQIP – II by Department of CSE, CBIT Hyderabad on 29-11-2013 to 30-11- 2013.

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

International Conference :

1. Durgesh D.V.S., Saket M.V.S., **Ramana Reddy B,** "Improving Software Effort Estimation with Heterogeneous Stacked Ensemble Using SMOTER over ELM and SVR Base Learners", Multi-disciplinary Trends in Artificial Intelligence. MIWAI 2023. Lecture Notes in Computer Science (), vol 14078. Springer, Cham. https://doi.org/10.1007/978-3-031-36402-0_41 **(Scopus)**
2. **Raman Reddy B** , Indiramma M, "Storage Virtualization Mechanism for Securing Electronic Health Records in Cloud", 2022 Fourth International Conference on Cognitive Computing and Information Processing (CCIP), Bengaluru, India, 2022, pp. 1-4, doi: 10.1109/CCIP57447.2022.10058624. **(Scopus)**
3. **Ramana Reddy B** and Indiramma M, "Virtual Machine allocation in multiple Data Centers using Throttled Load Balancing to improve the performance in Cloud", 2022 First International Conference on Artificial Intelligence Trends and Pattern Recognition (ICAITPR), Hyderabad, India, 2022, pp. 1-4, doi: 10.1109/ICAITPR51569.2022.9844202. **(Scopus)**
4. **Ramana Reddy B**, Indiramma M: "Load Balancing policy to improve the Data Center Processing time in Cloud Environment using Cloud Analyst ", 1st International E-Conference On "Emerging Trends In Circuit-Branch Technologies And Applications ETCTA - 2021, 3rd - 4th April 2021", ISSN NO: 978-1-68576-062-5.
5. **Ramana Reddy B**, Madhu B K, "Improving the security in cloud computing and IoT", second international conference on Recent Innovations in Engineering & Technology, held on 21st & 22nd December 2017.
6. **Ramana Reddy B**, "Big Data security for Storage Area Networks", International Conference on Innovations in computing and communication(ICICC 2015) held on 12th & 13th 2015.
7. **Ramana Reddy B**, "Hard and Soft Zoning Implementation in Storage Area Networks", All India Seminar on "Latest Trends and Technologies in Computer Science & Engineering" held on 25th & 26th March, 2014 at The Institution of Engineers (India).

National /International Journal :

1. **Ramana Reddy B** , Indiramma M, Nagarathna N. (2023) Intelligent Particle Swarm Optimization Based Resource Provisioning Technique in Cloud Computing. Indian Journal of Science and Technology. 16(16):1241-1249. https://doi.org/10.17485/IJST/v16i16.308 **(Web of Science)**
2. **Ramana Reddy B** , Indiramma M , "Efficient Throttled load balancing algorithm to improve the response time and processing time in data center. Concurrency Computation Practice Experience. 2022;e7208. doi: 10.1002/cpe.7208 **(SCI, Q2)**
3. **B Ramana Reddy**, M Venkata Krishna Reddy, "Load Balancing Algorithm to reduce the cost in Cloud Computing", International Journal of Analytical and Experimental Modal Analysis - IJAEMA, ISSN : 0886-9367, Volume 18, Issue 6, Pages 2679 – 2683, 2021
4. **B Ramana Reddy** , M Venkata Krishna Reddy, "A Novel Alarm System Approach using IoT for Safe Guarding Trees in Forests and Farm Lands", Journal of Interdisciplinary Cycle Research – JICR, ISSN : 0022-1945, Volume 8, Issue 4, Pages 504 – 514, 2021
5. T Ramasree , E Padmalatha, **B Ramana Reddy**, " Resource allocation using Particle Swarm Optimization Algorithm on Cloud Computing", IJRASET , ISSN: 2321-9653, Aug 2021.
6. **Ramana Reddy B**, Indiramma M, "A Review on optimization approach for resource allocation techniques in the cloud computing environment: Survey paper", journal of Seybold Report, ISSN NO: 1533-9211, 2020.
7. KS Niraja, B Ramana Reddy, "A New Modified Collection Selection Algorithm using Optimal Term Weight for Web based Applications", Global Journal of Computer Science and Technology, volume16, Issue E2 Pages:33-34
8. G.Mamatha, **Ramana Reddy B**, " The Functioning of Cloud Computing in Agriculture sector", IJSART - Volume 1 Issue 12 – 2015 ISSN [ONLINE]: 2395-1052