Name of Faculty	Mr. RAVIKUMAR CH	
Designation	Assistant Professor	
Nature of Job/Appointment	Contract	
Date of Joining	11 – 09 - 2023	
E-mail	ravikumarch_aids@cbit.ac.in	

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

Work Experience

Teaching	11 Years
Research	04 Years
Industry	02 Years
Others	----
Area of Specialization	Cloud Computing, Blockchain Technology, IoT
Professional Memberships	1. Member of IFER :10371226 2. Member of IAENG : 213471 3. Member of CSTA : 198358019577 4. Member of SWIDC : 6353
Responsibilities held at Institution Level	1. Worked HOD at Avanthi's Scientific Technological Research Academy-Gunthapally-Hyderabad
Responsibilities held at Department Level	1. Exam Branch In-charge 2. Course Expert Group 3. Coordinator for Semester end examinations
Research Guidance	--
Awards Received	--
Courses Handled at Under Graduate / Post Graduate Level.	1. Operating Systems 2. Digital Logic Computer Architecture 3. Computer Architecture & Micro Controller 4. Cloud Computing 5. OOP through C++ 6. DS through C++ 7. Computer Networks 8. OOAD 9. C and Data Structures 10. DBMS 11. Mobile Computing 12. Programming for Problem Solving
No. of Papers Published	National Journals –01 International Journals – 07 National Conference – 01 International Conference – 02
Projects Carried out	--
Patents	--
Technology Transfer	--
Invited Speaker	--
No. of Books/Chapter Published with details	--
Details of Short-Term Training Programs /Faculty Development Programs /Seminars/Workshops. Other Trainings (**Attended and/or Organized**).	

1. Attended 5 day Faculty Development Program on **"Cloud Infrastructure and Services"** conducted by ICT Academy on 11-06-2019 to 15-06-2019 at CMR Engineering College.

2. Attended a one –week FDP on "**Realism in the Classroom"** organized by TASK from 20-02-2016 to 26-02-2016 at Sphoorthy Engineering College

3. Attended a 5 day online short term course on "Blockchain Technology" Organized by JNTUA College of Engineering (Autonomous) during 08-09-2020 to 12-09- 2020(AICTE Training and Learning (ATAL) Academy).

4. Attended a 7 day online short term course on "Digital learning" by Chennai Institute of Technology-Tamilnadu during 09-05-2020 to 16-05-2020.

5. Attended a one-week FDP on "Evolution of IoT and its Real time Applications", conducted by Dept. of CSE, MLRIT, Hyderabad during 13-07-2020 to 17-05- 2020.

6. Attended a one-week FDP on "Data Science", organized by Dept. of CSE NALLAMUTHU GOUNDER MAHALINGAM COLLEGE-Tamilnadu, during 18-05-2020 to 24-05-2020.

7. Attended A Three-day short term training program on "The Future Technology Stack- AI, ML & NLP" Organized by DEPT of CSE- SAI SPURTHI INSTITUTE OF TECHNOLOGY-Khammam during 08-06-2020 to 10-06-2020

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

International Journal

1. **Ravikumar Ch**, Isha Batra, and Arun Malik "Block Chain Based Secure with Improvised Bloom Filter over a Decentralized Access Control Network on a Cloud Platform" (Journal of Engineering Science and Technology Review, **Indexed in Scopus**), April 2023.

2. **Ravikumar Ch**, Isha Batra, and Arun Malik "A Novel Design to Minimize the Energy Consumption and Node Traversing in Blockchain over Cloud Using Ensemble Cuckoo Model" (International Journal on Recent and Innovation Trends in Computing and Communication, **Indexed in Scopus**), December 2022.

3. **Ravikumar Ch** and Isha Batra "The Hybrid Adaptive Crypto Cloud Framework by Combining Blockchain Technology and Botnet" (International Journal of Research Publications and Reviews) July 2021.

4. **Ravikumar Ch**, Isha Batra, and Arun Malik "Analyze Cyber Attacks in Cloud Cryptography and Short Comings in Blockchain Cryptocurrency" (International Journal of Computer Science and Information Security) December 2021.

5. **Ravikumar Ch** "The Use of Attribute-Based Signature in a Blockchain for Health Records System Storage" (Journal of Computer Engineering & Information Technology) October 2021.

6. **Ravikumar Ch** "Plan &Implementing Load adjusting strategies in Cloud processing using User Priority-based Scheduling "(International Journal of Research Publications and Reviews) March 2022.

7. **Ravikumar Ch** "Design &implementing load balancing techniques in cloud computing using Meta heuristic approach" (International Research Journal of Modernization in Engineering Technology and Science) September 2021.

8. **Ravikumar Ch** "An effective survey on optimization of power consumption using predictive analysis in cloud computing" (International Journal of Research) June 2019.

International /National Conferences

1. **Ravikumar Ch**, Isha Batra, and Arun Malik "Comparative Analysis on Blockchain Technology Considering Security Breaches" (International Conference Proceedings of Trends in Electronics and Health Informatics, TEHI 2021, published in Notes in Networks and Systems, volume 376. Springer, Singapore) **Indexed in Scopus**.

2. **Ravikumar Ch**, Isha Batra, and Arun Malik "Combining Blockchain Multi Authority and Botnet to Create a Hybrid Adaptive Crypto Cloud Framework" (ICCI -2021, at Lovely Professional University, Punjab.

Published in IEEE Explorer) **Indexed in Scopus.**

3. Sentimental analysis and user emotions on software Products (NCET-2018 at Holy Mary Institute of Science & Technology, Hyderabad. Published in Aijreas volume 3, issue 3).