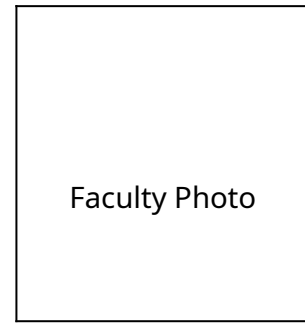


Faculty Profile

Brief Profile (Few Paragraphs)



Prof. Chandrani Chakravorty, Assistant Professor, has 18 years of experience in the education domain. Completed M.Tech in Computer Cognition Technology (CCT) from the University of Mysore and is currently pursuing a Ph.D. in Mobile Computing at VTU, Belagavi. Conducted and attended various workshops and technical seminars in Data Analytics, Augmented Reality (AR), and Virtual Reality (VR). Published papers in several reputed journals and conferences. Worked on AR/VR-based consultancy projects. Currently engaged in research on data management in mobile computing and augmented reality

Personal Information

- **Name:** Prof. Chandrani Chakravorty
- **Designation:** Assistant Professor]
- **Department:** Department of Master of Computer Applications
- **Email:** chandrani@rvce.edu.in
- **Phone:** 080-68188171

Google Scholar ID: <https://scholar.google.com/citations?user=SWHOrYEAAAAJ&hl=en&authuser=1>

ORCID: <https://orcid.org/0000-0003-4394-6587>

LinkedIn : <https://www.linkedin.com/in/c-chandrani-bb25657b/>

Domain of Expertise

Research Focus

- **Primary Area:** Computer Networks, Augmented Reality and Virtual Reality, Data Anytics
- **Allied Areas:**

Academic Qualifications

- **Ph.D.:** Pursuing Ph.D. , Visvesvaraya Technological University, 2012
- **M.Tech:** M.Tech.(Computer Cognition Technology), University of Mysore, Mysore, Karnataka, 2006
- **B.Sc:** B. Sc (PMCs) , Gurughasidas University, Bilaspur, Chattisagadh, 1999

Professional Experience

Experience			
S.No	Institute/College/Industry	Job Title	Duration (From- To)
1.	The Oxford Enginnering College,Bengaluru	Senior Lecturer	2007-2010
2.	RV College of Engineering, Bengaluru	Assistant Professor	2010- till date

Publications & Patents

Journal Publications

1. Dr. Divya T L, Prof. Chandrani Chakravorty,Niharika M, “AI ASSISTANT FOR RURAL HEALTHCARE”,Journal of Technology,2024
2. Chandrani Chakravorty, S. Anupama Kumar, Divya T.L, Ashish Bhardwaj, "A Comparative Study on Various Machine Learning Techniques for the Prediction of Cardiac Ailment",Journal of Artificial Intelligence Research & Advances, 2023
3. Fiza Kousar,Chandrani Chakravorty , “Kannada Language Extraction Using Named Entity Recognition and Conditional Random Field”, RVJSTEAM, 2022
4. Divya TL, Chandrani C , Saravanan C, Savita S, Jayasimha SR, “Study On The Various Software Application Design And Testing Strategies For Development of Good Quality Software”, International Journal Of Creative Research Thoughts - IJCRT (IJCRT.ORG), 2022
5. Chandrani Chakravorty, Usha J, “Relevance of tree structure in Location Based Service “, International Journal of Advance Engineering and Research Development, December -2015
6. S Anupama Kumar, Chandrani Chakravorty, Rashmi M, “Implication Of Agglomerative Clustering To Distinguish Student Enactment , “International Journal of Advanced Research in Computer Science and Electronics Engineering”, 2014
7. Chandrani C, Usha J, “A Survey on Cache Replacement Methods for Data Management in Mobile Environment”, International Journal of Futuristic technology, Vol 1, Issue 1, ISSN 2250 – 2998,
8. Chandrani Chakravorty, Usha J , "Cache Replacement Using Association Mining Rule For Faster Access Of Data In Mobile Computing Environments ", Journal of International Academic Research For Multidisciplinary (JIARM), December 2013

Conference Papers

1. Chandrani Chakravorty, A. Dharani, Sumithra Devi K. A. ,Ms. Archana M, “ Mining Services for Cache Replacement Method” , 3rd International Conference on Mechanical and Electrical Technology (ICMET 2011), August 26-27, 2011
2. Chandrani C, Usha J “Different Strategy for Data Management in Mobile Computing”, proceedings of Second International Conference on Advances in Computer Science and Information Technology- Networks and Communications (CCSIT 2012), January 2-4, 2012.

3. S Anupama Kumar, A Dharani, C Chakravorty, "Efficacy of Autoencoders on Image Dataset, Sentiment Analysis and Deep Learning", Advances in Intelligent Systems and Computing, 2022.
4. Aditya Sukhwai, Gourab Kundu, Chandrani Chakravorty, "RFID (Radio Frequency Identification) Tag Collision Risk Mitigation Analysis and Avoidance", International Conference on Intelligent Cyber Physical Systems and Internet of Things, 2022
5. Nandan Gowda, Chandrani Chakravorty, "Comparative study on cryptocurrency transaction and banking transaction", International Conference on Computing System and its Applications (ICCSA- 2021)
6. Andhe Dharani, Preethi N Patil, Chandrani Chakravorty, "Augmented Reality-Based Visualization and Education for Biogas Plant Adoption in Rural Communities", 4th IEEE Global Conference for Advancement in Technology (GCAT), 2023

R & Grants & Consultancy Projects

Completed Consultancy Projects

1. AR Based Biogas Plant Development- Greeneria, Greeneria Renewable Technologies Pvt. Ltd, Jan-Feb 2023, Role : PI

Professional Memberships

- CSI: I1502827
- IEEE: 94371080

Student Supervision

- M.Tech Students: 100

Professional Roles

- **Editorial Board:** Reviewer of [Asian Journal of Research in Computer Science](#)
- **Chair/Committee Member:**

Committee Member:

IEEE International Conference on Computational Systems and Information Technology for Sustainable Solution CSITSS- During 2018, 2019, 2022, 2023

AICTE Sponsored National Conference in Association with ISTE: Critical Thinking for GenZ- Multidisciplinary Approach (CTGZMA -2021)

4 th International Conference on Expert Clouds and Applications (ICOECA 2024)

Teaching

Core Courses: [Current semester]

- Cyber Security

Advanced/Lab Courses:

- Cloud Computing, Mobile Application Development

Professional Roles

Responsibilities

- **Academic:** Lab In-charge for Cloud Computing, Mobile Application Development
- **Administrative:** Department Library In-charge

External Connect

- External Examiner for Practical courses, Major Project Viva-Voce, Resource person for Workshop

Projects

Number of UG Projects Guided	Number of PG Projects Guided	No. of Doctorate Students	
NA	96	Completed	In Progress
		00	00

Publications

National Journals	National Conferences	International Journals	International Conferences	Book Chapters Published	Patent Granted
NA	02	07	02	NA	NA