

Curriculum Vitae

1. Name	Dr. ANKITA KUMARI			
2. Total Years of Experience and research	1.5 Years of Teaching 4 Years of Research			
3. Current Organisation	Indian Institute of Information Technology (IIIT) Ranchi, Jharkhand			
4. Contact Details	Mobile No.	8757194488		
	Email Id.	ankitakmr33@gmail.com		
5. Date of Birth	28/11/1992	Citizenship	Indian	
6. Education	Degree Obtained	College/ University	Year	
	PhD	Birla Institute of Technology, Ranchi	2024	
	M.Tech in Computer Science	Birla Institute of Technology, Ranchi	2018	
	B.Tech in Computer Science	Babu Banarasi Das University, Lucknow	2015	
7. Languages	Languages	Speaking	Reading	Writing
	English	Good	Good	Good
	Hindi	Good	Good	Good
8. Employment Record				
From: August 2024	To: till date			
Employer	IIIT, Ranchi, Jharkhand			
Current Designation	Faculty, CSE			
From: March 2024	To: July 2024			
Employer	Sri Nath University, Adityapur, Jharkhand			
Current Designation	Assistant Professor, CSE			
From: September 2023	To: December 2023			
Employer	Birla Institute of Technology, Ranchi, Jharkhand			
Last Designation	Lecturer, MBA			
From: August 2019	To: December 2019			
Employer:	B. A. College of Engineering and Technology, Jamshedpur, Jharkhand			
Last Designation	Assistant Professor, CSE			
9. Work Undertaken				
Company Name- Tata Steel Ltd.				
Project Title - SNTI library Management System				
Duration - Six Weeks (24 th June'14 to 21 th July'14)				
<ul style="list-style-type: none"> ❖ Mini Project on Online Recruitment System using JAVA and HTML in a group in 6th semester. ❖ 7th semester Miner Project on computer networks. ❖ M.Tech thesis on Machine learning approach on image steganography. 				
10. List of Publications				
<ul style="list-style-type: none"> ➤ Kumari, A., Pranav, P., Dutta, S. and Chakraborty, S., 2023. Empirical and Statistical Comparison of RSA and El-Gamal in Terms of Time Complexity. In Intelligent Cyber Physical Systems and Internet of Things: ICoICI 2022 (pp. 111-120). Cham: Springer International Publishing. 				

- Ankita Kumari, Sandip Dutta and Soubhik Chakraborty (2023). **Use of Node credibility and Andrews plot to detect and prevent BHA in MANET**. International Journal of Experimental Research and Review, 30, 282-295. DOI: <https://doi.org/10.52756/ijerr.2023.v30.026>
- Ankita Kumari, Sandip Dutta, and Soubhik Chakraborty, **A comparative study of different security issues in MANET** , International Journal of Experimental Research and Review: Vol 31 No Spl Volume (2023): Recent trends in Science, Technology & Design.
- Kumari, A., Dutta, S. and Chakraborty, S., **A fuzzy based Q-learning approach to prevent sinkhole attacks in MANET (FQ-SPM)**. Journal of Intelligent & Fuzzy Systems, (Preprint), pp.1-12.
- Ankita Kumari, Purushottam Singh, Prashant Pranav, Sandip Dutta, and Soubhik Chakraborty. **"Prevention of sleep deprivation attack in MANET using cumulative priority-based cluster head selection."** Concurrency and Computation: Practice and Experience (2024): e8118.

11. List of Conferences

- 7th International Conference on Microelectronics, Computing & Communication Systems (MCCS-2022) ARTTC, BSNL, Near Jumar River Bridge, Hazaribagh Road, Ranchi-835217, Jharkhand, India Ranchi University Ranchi & Executive Member ISVE Ranchi (Jharkhand) India.
- International Conference on In Intelligent Cyber Physical Systems and Internet of Things: ICoICI2022 By Department EEE, JCT College of Engineering and Technology, Pichanur, Coimbatore.

12. Awards and Scholarships

- Won 1st prize in a PERFECT SHOT ("Photography") in college fest 2014.
- Won 3st prize in a PERFECT SHOT ("Photography") in college fest 2013
- Attended a Power Point Presentation conducted by ACL.
- Attended a 6-day workshop on Basics of Network Security organized by Network Bulls and Fraternity in March, 2014.
- Participated in various events at Spring Fest 2015 conducted by IIT Kharagpur.
- 6th months experience of teaching in WebMatrix technologies Jamshedpur.
- Got Tata Steel Millennium Scholarship 2016-18.

Certification

I am Ankita Kumari, the undersigned, certify that to the best of my knowledge and belief, this CV correctly describes myself, my qualifications, and my experience. I understand that any wilful misstatement described herein may lead to my disqualification or dismissal, if engaged.

Name: Ankita Kumari

Date: 22-2-2024

Place: Ranchi.