


Name of Faculty	Mrs. Kratika Sharma		
Designation	Assistant Professor		
Nature of Job/Appointment	Regular		
Date of Joining	25 - 06 - 2018		
E-mail	kratikasharma_it@cbit.ac.in		
Education Qualifications	Name of the Degree	Class	
	Ph.D.	Computer Science and Engineering (NITW)	Pursuing
	PG	M. Tech. (IT)	Honors
	UG	B. E. (IT)	Honors
Work Experience			
	Teaching	06 Years	
	Research	--	
	Industry	--	
Area of Specialization	Artificial Intelligence, Machine Learning, Big Data Analytics		
Professional Memberships	--		
Responsibilities held at Institution Level	1. Member, Disciplinary Committee, from 25-02-2020 to till date.		
Responsibilities held at Department Level	1. Member, Board of Studies 2. Member, Course Expert Group 3. In charge for department level News Letter 4. Class Teacher for BE -AI DS, 2020-2024 Batch. 5. Department Coordinator, AI-ML 6. Working as Student Counselor		
Research Guidance	--		
Awards Received	--		
Courses Handled at Under Graduate / Post Graduate Level.	Artificial Intelligence, Big Data Analytics, Digital Image Processing, Discrete Mathematics and Natural Language Processing		
No. of Papers Published	National Journals –	International Journals – 05	
	National Conference –	International Conference – 04	
Projects Carried out	--		
Patents	Patent: 2020102992, A system and method for disaster management using flying Ad-hoc network, IP Australia		
Technology Transfer	--		
Invited Speaker	1. Guest Speaker (Online) under SAGE talk series on “Big Data” April 11, 2020.		
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 Online Atal-AICTE-- 5 Days Faculty Development Program on “Data Science” June-22-26, 2020 organized by College of Technology and Engineering, Udaipur.
2. Attended Online Atal-AICTE-- 5 Days Faculty Development Program on “Internet of Things” May-31- June-04, 2020 organized by JNU Delhi.
3. Attended Online Atal-AICTE 5 Days Faculty Development Program on “Artificial Intelligence” May- 22-26, 2020 organized NIT Warangal
4. Attended Online Atal-AICTE--5 Days Faculty Development Program on “Cyber Security” May- 18-22, 2020 organized Dr Harisingh Gour University Sagar.
5. Attended Online Atal-AICTE- 5 Days Faculty Development Program on “Artificial Intelligence” May- 11-15, 2020 organized IIIT Vadodara
6. Attended EICT IIT Roorkee's Online 10 days FDP on "Deep Learning and its Applications" from May 04 - May 13, 2020
7. Attended Online Atal-AICTE--5 Days Faculty Development Program on "Data Science" May- 04-08, 2020 organized Punjab Engineering College (Deemed to be University), Chandigarh
8. Attended Online Atal-AICTE-- 5 Days Faculty Development Program on “ Artificial Intelligence” April-27-May 01, 2020 organized MSME, Noida
9. Attended Atal-AICTE-5 Days Faculty Development Program on “Recent Trends in Artificial Intelligence and Machine Learning” Dec- 23-27, 2019 organized MANIT, Bhopal
10. Attended-E & ICT Academy-5 Days Faculty Development Program on “Data Science” aug- 05-09, 2019 organized by IT department, CBIT, Hyderabad.
11. Attended-E & ICT Academy-5 Days Faculty Development Program on “Data Science” aug- 05-09-2019 organized by IT department, CBIT, Hyderabad.
12. Attended one day national level seminar on “IoT Real World” 28th Oct, 2019 jointly organized by department of Mathematics, CSE and IT, CBIT, Hyderabad.
13. Attended Faculty Development Program on “Data Science” aug- 05-09, 2019 organized by IT department,CBIT, Hyderabad.
14. Attended one day national level workshop on “Data Science” 18 th May, 2019 organized by School of IT, JNTUH.
15. Attended Faculty Development Program organized by In-House Training Centre of CBIT during 26-30 November 2018.

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

International Journals:

1. Kratika Sharma, Shivani Datha, Sindhu Sreeram, “Personality Prediction for Ehr System, International Journal of Research and Analytical Reviews”, IJRAR April 2021, Volume 8, Issue 2, (E-ISSN 2348-1269, P- ISSN 2349-5138).
2. Kratika Sharma, Yashwant Kumar, Vinil Kumar, “Survey on Various Techniques for Over-Speed Detection of Vehicles”, International Journal for Research in Applied Science & Engineering Technology (IJRASET) ISSN: 2321-9653, 2021.
3. Kratika Sharma, Mithula Reddy S., Varshitha Ch. (2020). “Enhanced SIFT for Image Registration of VHR Images”. International Journal of Advanced Science and Technology (Scopus Indexed), 29(04), 4775 -. Retrieved from <http://serisc.org/journals/index.php/IJAST/article/view/24915>
4. T. Satyakiranmai and Kratika Sharma, Recognition and Annotation of Places of Interest, IJRAR April 2021, Volume 8, Issue 2, (E-ISSN 2348-1269, P- ISSN 2349-5138).
5. Kratika Sharma, T. Satyakiranmai, 'Prediction Of Cardiovascular Diseases Using Genetic Algorithm and Deep Learning Techniques', International Journal of Emerging Trends in Engineering and Development, RS Publisher, Issue 11, Vol.3 (April- May 2021).

International /National Conferences:

1. Kratika Sharma, "Truth Discovery in Sparse Social Media Using SRTD", International Conference on Emerging Science and Technology, ICETST- 2021.
2. Kratika Sharma "Image Registration: Survey and A New Multilevel Extended Very Fast SIFT Feature Matching", International Conference on Interdisciplinary Research in Engineering Management and Pharmacy ICIREMPS-2014
3. Kratika Sharma and A. Goyal, "Classification based survey of image registration methods", Computing Communications and Networking Technologies (ICCCNT) IEEE International Conference on Tiruchengode, pp. 1-7, January, 2013.
4. Kratika Sharma and Ajay Goyal, "Very High Resolution Image Registration Based on Two Step Harris-Laplace Detector and SIFT Descriptor", 4th ICCCNT IEEE, pp. 1-5, July. 2013.

Others: AWS Certified Cloud Practitioner, Issued by Amazon Web Services (AWS), Issued June 2021, Expires June 2024.