

Name of Faculty	Shaima Karim		
Designation	Assistant Professor		
Nature of Job/Appointment	Contract		
Date of Joining	31-08-2026		
E-mail	shaimakarim_it@cbit.ac.in		
Education Qualifications	Name of the Degree		Class
Ph. D	-		
PG	M. Tech. (CSE)		Distinction
UG	B. Tech. (CSE)		First Class with Distinction
Work Experience			
Teaching	0 Years		
Research	0 years		
Industry	--		
Others	--		
Area of Specialization	Java Programming, Database Management System, C language.		
Professional Memberships			
Responsibilities held at Institution Level	--		
Responsibilities held at Department Level	.		
Research Guidance	--		
Awards Received	--		
Courses Handled at Under Graduate / Post Graduate Level.			
No. of Papers Published	National Journals – 0	International Journals – 00	
	National Conference – 00	International Conference – 01	
Projects Carried out	Stock Market Predictiong and ARIMA Techniques with Integrated Sentiment Analysis- Developed a stock market prediction model using ARIMA time-series forecasting integrated with sentiment analysis to analyze market trends. Achieved 91% prediction accuracy by combining historical stock data and sentiment insights to improve forecasting performance. Hybrid ARIMA and GRU Model for Stock Price Forecasting- Developed a hybrid ARIMA-GRU model combining statistical forecasting and deep learning to capture stock price trends and complex patterns. Achieved more accurate, stable, and consistent stock price forecasts compared to standalone ARIMA, GRU, and LSTM models. Residual-Driven Models for Stock Market Forecasting: A Structured Taxonomy and Critical Review- published in ICPCSN 2026.		
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).	AI & ML for Societal Impact: Healthcare and Agricultural Applications - Participated in an International One-Week Online Workshop on “AI & ML for Societal Impact: Healthcare and Agricultural Applications” 5th Jan, 2026 – 9th Jan, 2026 Faculty Development Program – “The AI Beyond Frontier: Recent Breakthroughs and Next-Gen Prospects” Participated in the One-Week National-Level Faculty Development Program organized by the Department of Computer Science and Engineering, CBIT, Hyderabad, held from 21st to 25th April 2025. Faculty Development Program – “Generative AI and Large Language Models” Participated in the Two - week National Level FDP “Generative AI and Large Language Models ” organized by the Department of Computer Science and Engineering in Association with IEEE Hyderabad section Computer society Chapter at CBIT, Hyderabad, held from 19th - 30th May 2025. Value Added Course – “Full Stack Development” Successfully completed a Value Added Course on Full Stack Development conducted by the Department of Computer Science and Engineering, CBIT, Hyderabad, from 28th December 2024 to 25th January 2025. Short-Term Training Program – “Upgrading Skills in Java Programming” Participated in a Short-Term Training Program (Value Added Course) on Upgrading Skills in Java Programming, organized by the Department of Computer Science and Engineering, CBIT, Hyderabad, from 15th March to 13th April 2025.
Details of Journal Publications/Conferences (National and International) International Conference :	--
1. Residual-Driven Models for Stock Market Forecasting: A Structured Taxonomy and Critical Review - Published in 2026 6th International Conference on Pervasive Computing and Social Networking (ICPCSN)	

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