

**Dr. Khustar Ansari**  
Assistant Professor  
Computer Science & Engineering  
BIT Sindri, Dhanbad

 (+91) 9525758897  
 khustar.cse@bitsindri.ac.in

## Current Position

«-» **Assistant Professor**, Department of Computer Science & Engineering, BIT Sindri, Dhanbad, Year: 2022 - Continuing.

## Research

**Current Research Interests:** Image Processing with Deep learning and Sensor Networks.

## Education

- «-» **Ph.D**, Computer Science & Engineering, SBU Ranchi (TEQIP-III funded), Year: 2021-25.
- «-» **M.Tech**, Computer Science & Engineering, IIT(ISM), Dhanbad, Year: 2012-2014.
- «-» **B.Tech**, Computer Science & Engineering, AEC, Asansol, Year: 2008-2012.

## Professional Experience

- «-» **Assistant Professor**, Department of Computer Science & Engineering, BIT Sindri, Dhanbad, Year: 2022 - Continuing.
- «-» **Assistant Professor**, Department of Computer Science & Engineering, UCET, Hazaribag, Year: 2018 - 2022.
- «-» **Assistant Professor**, Department of Computer Science & Engineering, GGSESTC, Bokaro, Year: 2014 - 2018.

## Subjects Taught

Machine Learning, Operating System, Software Engineering, Computer Network, Data Base Management System, Programming for Problem Solving, Artificial Intelligence.

## Publications

1. Ansari, K., & Srivastava, P. (2024). An efficient automated image caption generation by the encoder decoder model. *Multimedia Tools and Applications*, 83(25), 66175-66200.
2. Ansari, K., & Srivastava, P. (2025, February). Hybrid Attention Vision Transformer-based Deep Learning Model for Video Caption Generation. In *2025 International Conference on Electronics and Renewable Systems (ICEARS)* (pp. 1238-1245). IEEE.
3. Ansari, K., & Srivastava, P. (2024, October). Metc2STM: Metachrosis Coordinate Optimized Convolutional Bidirectional Network for Video Captioning. In *2024 2nd International Conference on Self Sustainable Artificial Intelligence Systems (ICSSAS)* (pp. 972-979). IEEE.
4. Ansari, Khustar, and Md Hussain Ansari. "An Efficient Data Dissemination Mechanism for Wireless Sensor Network with Mobile Sink."
5. Ansari, Md Hussain, Deepak Kumar, and Khustar Ansari. "An Hyper-Elliptic Curve Cryptosystem Scheme Using 3bc Algorithm."

## Short-Term Courses/FDPs/Training Internship and Certification

- «-» Completed **2 weeks** of an **Industrial Training Program** on "Automatic Detection of Chart of Accounts using Multi-Layer Perceptron Model" at Technix-India Solutions Pvt. Ltd. From 17<sup>th</sup> July 2025 to 31<sup>st</sup> July 2025.

- «-» Completed **2 Weeks** Faculty Development Programme on “Deep Learning and Optimization for Healthcare” jointly organized by Electronics and ICT Academy, NIT Patna and others, under the “scheme of financial assistance for setting up of Electronics and ICT Academies (Phase-II)” by MeitY, Government of India from 24<sup>th</sup> February to 04<sup>th</sup> March 2025.
- «-» Completed **One week of FDP** on “Fundamentals of Machine Learning” organised by Electronics & ICT Academy, C- DAC Hyderabad from December 20-24, 2024.
- «-» Completed **6 months of FDP** on mandatory 8 modules organised by the NITTTR, 2023
- «-» Completed **2 weeks of FDP** on Data Science and AI for Non-Programmers, organised by department of CSE and IT, BIT Sindri in association Accure Pvt ltd, 2023
- «-» Completed **2 weeks** Faculty Development Programme on “Entrepreneurship” organized by Innovation & Incubation Center, BIT Sindri, Dhanbad and sponsored by BIT Sindri Alumni Association of North America (BITSAANA) from 5th-15th July, 2023
- «-» Five days’ workshop **organised** on “Office Automation” organized by Department of CSE & IT, BIT Sindri, Dhanbad from 24th-28th June, 2023
- «-» Completed **1 week FDP** on "Service Regulations for Employees" organised by BIT Sindri, 2022
- «-» Completed Five days Faculty Induction Workshop organized by Continuing Education Cell & Centre for Educational Technology, IIT Kharagpur from 19th February-23rd February, 2018.
- «-» Completed One Week Faculty Development Programme on “Wireless and Mobile Communication” jointly organized by Electronics and ICT Academy supported by MeitY, Government of India and IIT Guwahati from 3rd December-7th December 2018 at UCET VBU Hazaribag.
- «-» Completed One Week Faculty Development Programme on “AI and Machine Learning” organized by Electronics and ICT Academy IIT Roorkee from 17th December- 21st December 2018 at UCET VBU Hazaribag.

## Roles and Responsibilities

### **Institute Level:**

1. Professor-in-Charge, Hackathon & Coding Club (HnCC), November 2025 -Continuing
2. Assistant Professor-in-Charge, Examination Section, November 2025 -Continuing
3. Hostel Superintendent, Hostel No. 19, January 2024 -Continuing
4. Nodal Officer, Prime Minister’s Special Scholarship Scheme (PMSSS), December 2023 - Continuing
5. Member, Anti-Ragging Cell Committee, September 2023 -Continuing

### **Department Level:**

1. Professor-in-Charge, Computer Programming Laboratory, April 2022 -Continuing
2. Class coordinator (2nd Year), February 2022 -Continuing
3. Member, Departmental Academic Committee (DAC), August 2022 -Continuing

## Personnel Details

<b>POB</b>	Garhwa, Jharkhand, India
<b>DOB</b>	06.10.1990
<b>Languages</b>	Urdu (Fluent), English (Fluent), Hindi (Fluent)
<b>Office</b>	Room F04, Dept.of CSE, BIT Sindri Dhanbad, Jharkhand - 828123
<b>Present</b>	Q-O5, BIT Sindri Campus, Dhanbad-828123