Report on: Day 2 Highlights – FDP Session on "Industrial Integration with MongoDB" by Dr. Shaziya Islam!!

The Faculty Development Program held on August 1, 2025, featured an enlightening session on "Industrial Integration with MongoDB" by Dr. Shaziya Islam, Associate Professor, Dept. of CSE, Rungta International Skill University, Durg. Dr. Islam introduced MongoDB as a primary NoSQL database, emphasizing its core functions such as flexible document storage, horizontal scalability through sharding, high availability via replication, and efficient query processing. She explained how MongoDB serves as a powerful alternative to traditional relational databases, particularly in handling unstructured or semi-structured data. The session also highlighted MongoDB's integration across various domains including e-commerce platforms, gaming applications, and healthcare systems—demonstrating how it supports real-time analytics, dynamic content delivery, and user-centric data management. Dr. Islam's talk provided practical insights into real-world implementations, making it highly relevant for faculty members aiming to align academic knowledge with current industry demands.







