

Report on One-Week FDP on “Empowering Data-Driven Applications with MongoDB”

The ICFAI University, Raipur successfully conducted a one-week Faculty Development Program (FDP) on “Empowering Data-Driven Applications with MongoDB” in association with IQAC. Organized by the Faculty of Science and Technology, the FDP aimed to enhance participants’ understanding of NoSQL databases with a focus on MongoDB and its practical applications in various domains.

The program began with a formal inauguration ceremony, including lamp lighting by the Hon’ble Vice Chancellor, Dean, and Registrar. The Vice Chancellor delivered an introductory address, emphasizing the importance of data-driven technologies in the modern digital landscape.

Each day of the FDP featured expert sessions led by distinguished speakers:

- **Day 1:** Mr. Rahul Vaidya, Senior Tech Lead at HCT Tech, Nagpur, explained the core concepts of MongoDB and its relevance in facility management.
- **Day 2:** Dr. Shaziya Islam, Associate Professor at Rungta International Skill University, Durg, discussed industrial integration with MongoDB and shared real-world use cases.
- **Day 3:** Dr. Nisarga Gajanan Gandhewar, Assistant Professor at Ramdeobaba University, Nagpur, provided insights on building scalable backends using Python and MongoDB.
- **Day 4:** Ms. Asmita Andraskar, Senior Data Analyst at Dust Value Pvt. Ltd., Mumbai, presented MongoDB's data modeling techniques and sector-specific applications.
- **Day 5:** Mr. Naveen Mandal, Director of Thinkers Paradize (OPC) Pvt. Ltd., Raipur, demonstrated MongoDB's role in data structure analysis and efficient data handling.

The FDP was convened by Dr. Ramesh Yadav and co-convened by Dr. Animesh Kumar Sharma. Coordinators included Dr. Palak Keshwani, Dr. K. Nagaiah, and Mr. Dilip Mishra. The co-coordinators were Dr. Nisha Thakur, Dr. Pinkey Chouhan, Dr. B. Ravikiran, Mr. Ashish Kumbhare, and Mr. Hemant Dewangan.

Technical support was efficiently managed by Mr. Dugesh Kumar Maurya and Ms. Tanishka Shukla.

The program concluded with a formal vote of thanks, expressing heartfelt gratitude to the Hon’ble Vice Chancellor, Dean, Registrar, all expert speakers, and enthusiastic participants for their valuable contributions. The FDP was well-received and commended for its relevance and depth in addressing modern data management challenges.

Glimpses from the event:





