Department of MCA

Report on Faculty Development Program

"Microsoft Power BI Data Analyst Associate"

The **Department of Master in Computer Application (MCA)** organized a **Five Days National Level Faculty Development Program (FDP)** on **"Microsoft Power BI Data Analyst Associate"** in collaboration with the **ICT Academy, Government of Tamil Nadu**, from **27th to 31st October 2025**. The **inaugural ceremony** was held on **27th October 2025** at **Eklavya Hall, Room No. 203, Block–B**, **G H Raisoni College of Engineering & Management, Nagpur**.

The program aimed to enhance the technical competency of faculty members by providing hands-on exposure to **Microsoft Power BI**, focusing on **data analysis, visualization, and business intelligence**. The FDP was designed to empower educators with practical knowledge of modern analytical tools and to bridge the gap between academic instruction and industry practices.

The **inaugural session** was graced by distinguished dignitaries:

- **Mrs. Deepa M**, Senior Technical Trainer, ICT Academy, Government of Tamil Nadu (Chief Guest & Resource Person)
- **Dr. Vivek Kapur**, Director, G H Raisoni College of Engineering & Management, Nagpur
- **Prof. Anupam Chaube**, Dean, Science and Technology, G H Raisoni College of Engineering & Management, Nagpur
- **Prof. Neeraj Kumar Jha**, Co-ordinator, ICT Academy, Department of MCA, G H Raisoni College of Engineering & Management, Nagpur

In her keynote address, **Mrs. Deepa M** emphasized the growing importance of **data analytics and visualization** in organizational decision-making. She highlighted how **Power BI** serves as a powerful tool for transforming raw data into meaningful business insights. **Dr. Vivek Kapur** appreciated the department's initiative in conducting such a nationally relevant FDP that promotes faculty up skilling and knowledge sharing. **Prof. Anupam Chaube** encouraged participants to leverage these learnings for improving teaching methodologies and research outcomes. **Prof. Neeraj Kumar Jha** extended his gratitude to ICT Academy and participants for their active involvement, ensuring the smooth coordination of the program.

The **five-day FDP sessions**, conducted in **Lab–A–108, First Floor, Block–A**, covered the following modules:

- **Day 1 (27th Oct 2025):** Data Preparation and Semantic Modelling in Power BI
- **Day 2 (28th Oct 2025):** DAX Calculations and Time Intelligence Functions
- **Day 3 (29th Oct 2025):** Report Designing and Visualization Techniques
- **Day 4 (30th Oct 2025):** Analytics, Security, and Dashboard Creation
- **Day 5 (31st Oct 2025):** Hands-on Assignments and Practice Sessions

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Throughout the sessions, **Mrs. Deepa M** conducted interactive demonstrations, practical exercises, and real-time case studies that enabled participants to gain in-depth knowledge of **data modelling, DAX functions, and dashboard creation** in Power BI. The sessions were highly engaging and offered valuable insights into integrating data analytics in academic and research practices.

The FDP received an enthusiastic response from faculty members of various departments and institutions. Participants appreciated the structured content delivery, interactive teaching style, and the opportunity to gain hands-on experience with Power BI tools.

Although **Dr. Sandhya Dahake**, **Head of the MCA Department**, was unable to attend the inaugural ceremony due to a **medical emergency**, the entire program was conducted under her **guidance and mentorship**. The event reinforced the importance of **industry-oriented learning** and concluded with a strong faculty commitment toward adopting **data-driven and analytical teaching methodologies**.



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