Workshop on Power BI-A Report

Overview:

The Department of MBA organized a ***Workshop on Power BI*** to familiarize students with modern business intelligence tools and their relevance in data-driven decision-making. The session introduced Power BI as a powerful analytics and visualization platform and highlighted its growing importance across various industries in the era of digital transformation and Industry 4.0.

Key Objective

The objective of the workshop was to provide participants with a foundational understanding of Power BI, its key capabilities, and real-world applications, enabling MBA students to analyse data, create interactive dashboards, and support managerial and strategic decision-making across industries.

Program Details

- **Program Name:** Two Days Hands on Workshop on Power PI
- **Date:** 9th & 10th January 2026
- **Time:** 10 am to 4:30 pm
- **Venue:** Department of MBA- Seminar Hall
- **Target Audience:** Second Year MBA Students
- **Resource Person:** Mr. Bharath S, Founder and Director I Robo Automation Pvt. Ltd, Mysuru
- **Program Convener:** Dr. Oscar Abhishek, Associate Professor & Head, Department of MBA





Session Highlights:

Day 1

The workshop was initiated and organized with the primary objective of equipping students with practical knowledge and application-oriented skills in Microsoft Power BI, one of the most widely used and in-demand business analytics tools in the industry.

The workshop commenced with a formal inaugural programme, graced by the esteemed Resource Person Mr. Bharath S., Founder and Director, I Robo Automation Pvt. Ltd., Mysuru, along with Dr. Oscar Abhishek, Head of the Department of MBA, and the faculty members of the Department of MBA. The programme was compered by Ms. Akshatha, Second Year MBA student. Ms. Lakshmi M. R., Assistant Professor, Department of MBA, delivered the welcome address and formally introduced the Resource Person.

The inaugural session was formally marked by the traditional lighting of the lamp. Subsequently, the Resource Person addressed the gathering, emphasizing the growing importance of Power BI in the contemporary corporate environment and the increasing industry demand for data analytics professionals. He also outlined the key topics and learning outcomes planned to be covered over the two days of the workshop.

The first session of the workshop began with an introduction to Power BI, understanding its significance in modern organizations and how it serves as a powerful tool for business intelligence and data-driven decision-making. Later the key capabilities of Power BI, including data integration from multiple sources, data modelling and analysis, and the creation of interactive dashboards that help derive meaningful insights were explored.

The workshop also covered the Power BI workflow, taking us step by step through data collection, transformation, modelling, and visualization, providing a clear understanding of how raw data can be turned into actionable business intelligence.

In addition, the sessions highlighted Industry 4.0 and emphasized the crucial role of data analytics and digital tools in driving efficiency and innovation in smart industries.

Further applications of Power BI across various sectors, including manufacturing, healthcare, retail, finance, education, and logistics, seeing how analytics can support performance monitoring, customer behaviour analysis, financial reporting, and operational optimization were also explored. Concepts such as predictive maintenance were also discussed, showing how data can be used to anticipate equipment failures and reduce downtime.

Session 2 post lunch of the workshop included practical sessions, where students installed Power BI, followed hands-on demonstrations, and learned to create dashboards. Some of the dashboards demonstrated included Customer Behaviour Data Analysis, Sales Analysis, and Hospital Experience Analysis, giving participants a real sense of how Power BI can be applied to solve business problems.

Day 2

The second day of the workshop focused predominantly on hands-on practical applications of Power BI, enabling participants to strengthen their data visualization and analytical skills learned on Day 1. The sessions emphasized applying Power BI tools to real-world datasets and interpreting insights through various visual formats.

During the first session, students engaged in practical activities involving the visualization of revenue data segmented by age group, helping them understand demographic-based analysis and its relevance in business decision-making. Participants also worked on GDP visualization of multiple countries using map visuals, which highlighted Power BI's geospatial analysis capabilities.

Further exercises included the visualization of India's GDP using bar graphs and the analysis of Belgium's GDP over a 21-year period, allowing students to observe economic trends, growth patterns, and historical comparisons through interactive dashboards.

The post-lunch session continued with advanced visualization techniques and comparative analysis. Students calculated and represented the GDP of multiple countries using pie charts, enhancing their understanding of proportional data representation. A comparative GDP analysis of Bhutan and Costa Rica was conducted to demonstrate cross-country economic comparison using Power BI visuals. Additionally, scatter plots were introduced to analyze relationships between different variables, helping participants grasp correlation and pattern identification.

The workshop concluded with a session on HR Data Analytics, where students explored how Power BI can be effectively used in human resource management. This segment highlighted applications such as employee performance analysis, workforce trends, and data-driven HR decision-making. Overall, Day 2 reinforced the importance of visualization in transforming complex datasets into meaningful

insights and provided participants with practical exposure to using Power BI as a comprehensive analytics tool across multiple domains.

The Valedictory Programme commenced with a formal welcome address by Ms. Pallavi, Assistant Professor, Department of MBA. The programme was compered by Ms. Chinmayi, Second Year MBA student. Mr. Solin James, Second Year MBA student, presented a comprehensive report highlighting the key areas covered during the two-day workshop.

This was followed by feedback from two MBA students, who expressed their satisfaction and appreciation for the workshop. They shared that the sessions introduced them to several new and unexplored areas, enhancing their knowledge and motivating them to pursue in-depth learning of the tool in the future.

The Resource Person also shared his reflections, expressing his happiness in interacting with the students and appreciated their active participation and cooperation throughout the workshop. He further assured the students that recorded session links would be shared to enable them to revisit the concepts and practice the tool effectively. Later, Dr. Oscar Abhishek, Head of the Department of MBA, addressed the gathering and emphasized the importance of such skill-oriented programs as an essential component of students' career development. He encouraged students to pursue advanced learning opportunities to stay competitive in the evolving professional landscape. He also expressed his gratitude to the Management and the Principal of ATME College of Engineering for providing the necessary support and opportunity to organize workshops that are truly the need of the hour.

The programme concluded with a formal vote of thanks proposed by Ms. Amulya, Second Year MBA student.

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Photos of the Workshop











