



**Vishwaniketan's**  
**Institute of Management Entrepreneurship & Engineering Technology [i**  
**MEET]**

*Affiliated to University of Mumbai, Approved by AICTE, New Delhi*  
Survey No. 52, Khumbhivali, Near Khalapur Toll Naka, off. Mumbai-Pune Expressway,  
Tal. – Khalapur, Dist. – Raigad. Pin- 410 202 **Phone** – 02192-274206/07/08/10**Fax**  
274210

**Dr. Ramjee Prasad**  
Hon. Chairman

**Sunil Bangar**  
Secretary

**Dr. B. R. Patil**  
Principal

## Department of Computer Engineering

### Report on Power BI VAP

**Date:** 6/2/23-10/2/23

**Speaker:** Mr. Anand Kholarkar

**Venue:** B008, ViMEET, Khalapur

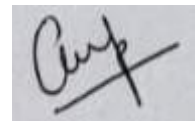
Department of Computer Engineering has organized an Value Addition Program on “**Power BI**” from 6/2/23-10/2/23.

The session started at 09:10 a.m. in the B008 Laboratory by **Mr. Anand Kholarkar**, Opine Group, Pune. 40 Students of Computer Engineering Department & Computer Science(AIML) had attended the VAP.

#### Content for Power BI

Day	Content
1	<b>Business Intelligence, Data Science and Analytics Fundamentals</b> <ul style="list-style-type: none"><li>• Data Warehouse concepts</li><li>• BI Lifecycle</li><li>• Requirements gathering</li><li>• Data Modeling (Dimensional)</li></ul>
2	<b>Power BI – Data Visualization</b> <ul style="list-style-type: none"><li>• Importance of data visualization to the industry</li><li>• Introduction to Power BI</li><li>• Installation</li><li>• Connecting to the data sources</li><li>• Elements of the report window</li><li>• Creating visualizations</li><li>• Creating visualizations such as column charts, line charts, pie charts, table, matrix and many more</li><li>• Formatting the charts</li><li>• Grouping and Binning (creating Histograms)</li></ul>
3	<ul style="list-style-type: none"><li>• Filtering the data</li><li>• Types of filters (Visualization level, Page level, Across pages)</li><li>• Slicers</li><li>• Basic, Advanced and Limiting filters</li><li>• Concept of internal (context) filters and external filters</li><li>• Transformations using DAX and Modeling</li><li>• Data transformation using DAX</li></ul>

	<ul style="list-style-type: none"> <li>• Creating new relationships</li> <li>• Creating new tables using DAX</li> <li>• Creating Measures and Columns using DAX</li> </ul>
4	<ul style="list-style-type: none"> <li>• Navigation</li> <li>• Creating Dashboard pages</li> <li>• Using Hierarchies for Drill Down Navigation</li> <li>• Creating Drill Through across pages</li> <li>• Publishing and collaboration</li> <li>• Demo of Power BI service</li> <li>• Publishing the desktop reports on the Power BI service</li> <li>• Data refresh and scheduling</li> </ul>
5	<b>Database and SQL Queries</b> <ul style="list-style-type: none"> <li>• RDBMS</li> <li>• What is RDBMS?</li> <li>• Basic concepts of RDBMS</li> <li>• Different data types</li> <li>• KEYS concept</li> <li>• Advanced SQL Queries</li> <li>• Basic query writing revision</li> </ul>



**Prof. Charusheela Pandit**