

Department of Humanities And Social Science Organizing

"BUSINESS INTELLIGENCE AND ANALYTICS USING MICROSOFT POWER BI"

5-DAY ONLINE WORKSHOP

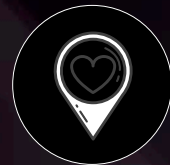
18 NOV TO
22 NOV



3.30 PM
ONWARDS



VENUE
LT-3



RESOURCE PERSON

DR. TINA DUTTA

- Assistant Professor (CQEDS, BIT Mesra, Ranchi)
- Fellow (PhD), IIM Calcutta
- M.Phil(Gold Medalist), IIPS, Mumbai
- M.Sc. Statistics, Banaras Hindu University

The Key Objectives of Power BI Workshop

1. Apply Power BI analytical tools.
2. Create advanced interactive visualizations and dashboards
3. Build elaborate data reports.
4. Analyze multi-dimensional data using Power BI DAX (Data Analysis Expressions) for in-depth data analysis.

Convenor
Prof Monika Suri
Dean & Head of Department,
HSS JIIT

Coordinators
Dr. Neha Singh
Dr. Purwa Srivastava
Dr. Sakshi Varshney

"BUSINESS INTELLIGENCE AND ANALYTICS USING MICROSOFT POWER BI"



5-Day Research Workshop will be Useful for Faculty/ Ph.D Scholar/ Master Students from HSS Department & Other streams

BRIEF INTRODUCTION OF RESOURCE PERSON

Dr. Tina Dutta, Assistant Professor at BIT Mesra and Fellow (PhD) from IIM Calcutta, has expertise in statistics, demography, and social science research. She has conducted numerous expert lectures and workshops on data analytics, machine learning, and statistical methods at prestigious institutions like IIPS Mumbai, BHU, and VIT, covering topics such as Power BI, Python Programming, and regression analysis. Dr. Dutta has also completed advanced technical training from renowned institutions like the University of Michigan and the University of Pennsylvania

Methodology of Session

Hands-on training and illustrations with a variety of sample and real-life datasets

On the go exercises, one-to-one handholding

Useful materials (ebooks, relevant web links, datasets) will be provided



DAY 1

Introduction to BI, Power BI architecture, data import, cleaning, and basic visualizations.

DAY 2

Building data models, interactive dashboards, and visual formatting.

DAY 3

Advanced visualizations (Gauge, Slicers, Scatter plot, Drill-through, Geographic visuals).

DAY 4

Advanced geographic visualizations, custom visuals, and interactivity (Bookmarks, Buttons).

DAY 5

DAX functions, calculated columns, measures, and publishing Power BI reports.

WORKSHOP REQUIREMENTS

- *Participants are required to carry their own laptops with Windows 10-mandatory*
- *High speed internet connection*
- *Power BI Desktop software installation (guidance will be provided)*