

Faculty Development Programme-Power BI

Delhi Technical Campus organized a Five day Faculty Development Programme entitled as MICROSOFT POWER BI DATA ANALYST ASSOCIATE from June 6, 2022 to June 10, 2022 under the Research Cell in collaboration with ICT Academy.

The inaugural session started with a traditional lamp lighting ceremony and is graced by Mr. M.P. Jegadeesan (Trainer, ICT Academy), Dr. Ranjit Varma (Director, DTC), Dr. Pranay Tanwar (Dean Academics, DTC), Dr. Seema Verma (Head, CSE), Dr. Mohd Atif Wahid (Head, MAE), Mr Amit Vishwas (Relationship Manager, ICT Academy) and other faculty members and staff. The welcome address was then delivered by Dr. Seema Verma. 35 faculty members from different colleges of Delhi, Noida, Dehradun and Meerut including host institution attended the first day programme.

The first day technical session covered an introduction of Big data and Power BI. Get started with Microsoft Data Analytics and Prepare Data for analysis were also taught during the session.

20 members were certified during the event

Overall Session was very knowledgeable and highly interactive.

Few glimpses of the day are attached here.



Delhi Technical Campus

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ICTACADEMY®

FDP NO

1605

Faculty Development Program on

Microsoft Power BI Data Analyst Associate

06 - 10 Jun 2022

Delhi Technical Campus, Greater Noida





ICTACADEMY

| Microsoft PowerBI Data Analyst Associate | | | | |
|------------------------------------------|---------|-------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|
| Day | Session | Topics | Sub Topics | Methodology |
| 1 | 1 | Module 1: Get started with Microsoft data analytics Module 2: Prepare data for analysis | Introduction to data, Overview of data analysis, Introduction to Power BI, Introduction, Get data from files, Get data from relational data sources | Lecture, Demonstration, Hands on |
| | 2 | Module 2: Prepare data for analysis (Contd..) | Lab - Prepare data in Power BI Desktop, Introduction, Shape the initial data, Simplify the data structure | Lecture, Demonstration, Hands on |
| | 3 | Module 3: Model data in Power BI | Lab - Load data in Power BI Desktop, Introduction, Work with tables, Create a date table, Work with dimensions | Lecture, Demonstration, Hands on |
| | 4 | Module 3: Model data in Power BI (Contd..) | Lab - Model data in Power BI Desktop, Part 1 | Lecture, Demonstration, Hands on |
| 2 | 1 | Module 3: Model data in Power BI (Contd..) | Lab - Model data in Power BI Desktop, Part 2, Introduction to DAX, Use the Calculate function | Lecture, Demonstration, Hands on |
| | 2 | Module 3: Model data in Power BI (Contd..) | Lab - Introduction to DAX in Power BI Desktop, Work with time intelligence | Lecture, Demonstration, Hands on |
| | 3 | Module 3: Model data in Power BI (Contd..) | Lab - Time Intelligence and Measures in DAX, Introduction to performance optimization, Review performance of measures, relationships, and visuals | Lecture, Demonstration, Hands on |
| | 4 | Module 4: Visualize data in Power BI | Introduction to work with Power BI visuals, Add visualization items to reports, Choose an effective visualization | Lecture, Demonstration, Hands on |

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| 1 | Module 4: Visualize data in Power BI (Contd..) | Lab - Design a report in Power BI desktop, Introduction to create a data-driven story with Power BI reports, Design a report layout | Lecture, Demonstration, Hands on |
| | | Tea Break | |
| 2 | Module 4: Visualize data in Power BI (Contd..) | Lab - Enhance Power BI reports with slicers, interaction, and formatting, Introduction to dashboards | Lecture, Demonstration, Hands on |
| | | Lunch | |
| 3 | Module 4: Visualize data in Power BI (Contd..) | Lab - Create a Power BI dashboard, Introduction to paginated reports, Create a paginated report | Lecture, Demonstration, Hands on |
| | | Tea Break | |
| 4 | Module 4: Visualize data in Power BI (Contd..) | Lab - Create a paginated report | Lecture, Demonstration, Hands on |
| | 1 | Introduction to analytics, Identify outliers with Power BI visuals, Group and bin data for analysis | Lecture, Demonstration, Hands on |
| 2 | Module 5: Data analysis in Power BI | Tea Break | |
| | 2 | Introduction to working with AI visuals, Find important factors with the Key influencers visual | Lecture, Demonstration, Hands on |
| 3 | Module 5: Data analysis in Power BI (Contd..) | Lunch | |
| | 3 | Lab - Perform data analysis in Power BI Desktop | Lecture, Demonstration, Hands on |
| 4 | Module 6: Manage workspaces and datasets in Power BI | Tea Break | |
| | 4 | Introduction, Distribute a report or dashboard | Lecture, Demonstration, Hands on |
| 1 | Module 6: Manage workspaces and datasets in Power BI (Contd..) | Recommend a development life cycle strategy | Lecture, Demonstration, Hands on |
| | | Tea Break | |
| 2 | Module 6: Manage workspaces and datasets in Power BI (Contd..) | Introduction, Create dynamic reports with parameters, Create what-if parameters | Lecture, Demonstration, Hands on |
| | | Lunch | |
| 3 | Module 6: Manage workspaces and datasets in Power BI (Contd..) | Configure incremental refresh settings, Manage and promote datasets | Lecture, Demonstration, Hands on |
| | | Tea Break | |
| 4 | Module 6: Manage workspaces and datasets in Power BI (Contd..) | Introduction, Configure row-level security with the static method | Lecture, Demonstration, Hands on |
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Delhi Technical Campus, Noida FDP Nomination

| S.NO | NAME OF FACULTIES | COLLEGE NAME |
|------|---------------------------|-----------------------------------------------|
| 1 | Mr N.Suresh Kumar | Galgotias University |
| 2 | Mr S. Janarthanan | Galgotias University |
| 3 | Mr Anandhan K. | Galgotias University |
| 4 | Ms Priyanka Shukla | Galgotias University |
| 5 | Dr Kripa Shanker Mishra | MIET, Meerut |
| 6 | Dr. Sumit Pundir | Graphic Era Deemed to be University, Dehradun |
| 7 | Dr. VIVEK TYAGI | N.A.S COLLEGE, MEERUT |
| 8 | Ms. AISHWARYA SHARMA | N.A.S COLLEGE, MEERUT |
| 9 | Mr. Aditya Dayal Tyagi | ITS Engineering College Greater Noida |
| 10 | Dr Mohd Atif Wahid | Delhi Technical Campus, Noida |
| 11 | Dr Neha Jain | Delhi Technical Campus, Noida |
| 12 | Dr Deepti Agarwal | Delhi Technical Campus, Noida |
| 13 | PROF SEEMA VERMA | Delhi Technical Campus, Noida |
| 14 | Ms. Kumud Alok | INDERPRASTHA ENGINEERING COLLEGE ,GHAZIABAD |
| 15 | Ms. Ritu Sharma | INDERPRASTHA ENGINEERING COLLEGE ,GHAZIABAD |
| 16 | Ms Daisy Tuli | Delhi Metropolitan Education, Noida |
| 17 | Mr Abhishek Yadav | Delhi Metropolitan Education, Noida |
| 18 | Mr Gurdutt Gupta | Delhi Technical Campus, Noida |
| 19 | Mr Rupendra Kumar Kaushik | Delhi Technical Campus, Noida |
| 20 | Ms Preeti Pandey | Delhi Technical Campus, Noida |