



# Adi Shankara

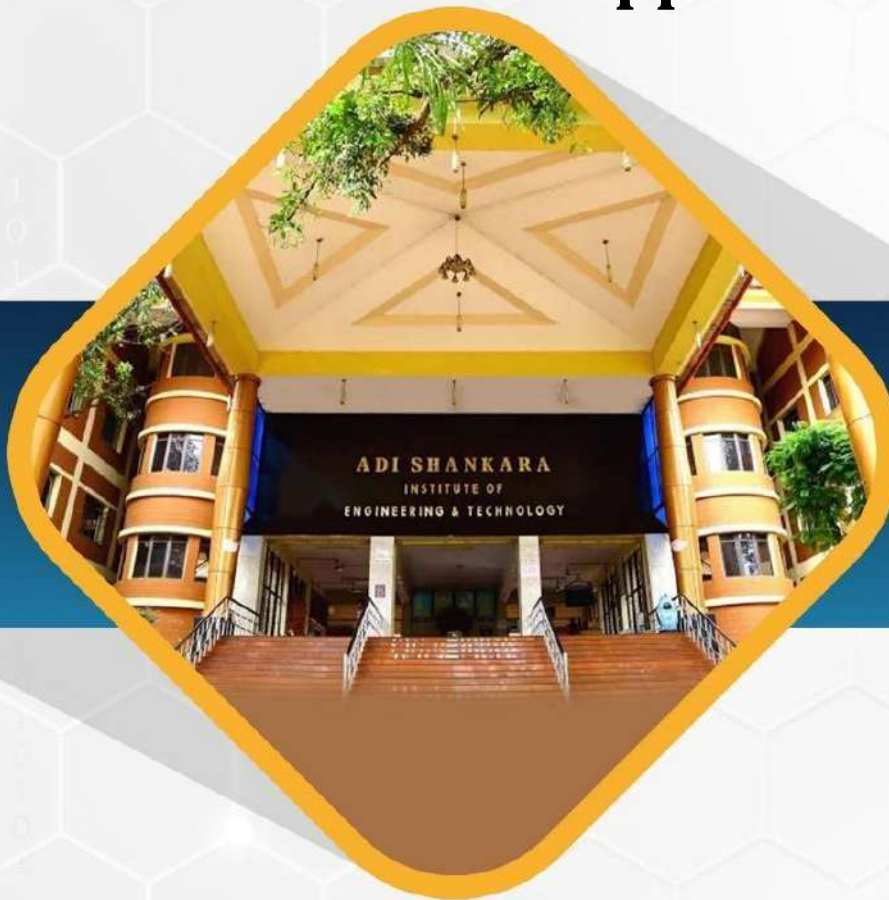
**INSTITUTE OF ENGINEERING AND TECHNOLOGY**

Approved by AICTE & Affiliated to APJ Abdul Kalam Technological University  
Vidya Bharathi Nagar , Mattoor, Kalady, Ernakulam District, Kerala State Pin: 683574



## CRITERION 5 STUDENT SUPPORT AND PROGRESSION

### 5.1 Student Support



## Training program on Advanced Excel and Power BI



**DEPARTMENT OF MBA**

**CONDUCT OF VALUE ADDED COURSES**

**Title of Course: Advanced excel and Power BI**

**Offering Department: MBA**

**Semester & Programme (Branch): S1**

**Coordinator(s) with Designation: Dr. Anita Thomas, Associate Professor**

**Course Overview:**

Creating Simple Pivot Tables, Basic and Advanced Value Field Setting, Classic Pivot table, Choosing Field, Filtering PivotTables, Modifying PivotTable Data, Grouping based on numbers and Dates, Calculated Field & Calculated Items.

**Course Outcomes:**

After the completion of this course, students shall be able to achieve:

CO No.	Course Outcome	Knowledge Level
CO1	To make students understand the advanced levels of big data and data analysis	1
CO2	To apply models in business problem solving method	2
CO3	To View and export data from dashboards and reports and View filters that are used in a report.	3

**CO-PO Mapping** 1-Slightly, 2-Moderately, 3-Strongly

CO\PO & PSO	PO1	PO2	PO3	PO4	PO5
1	1	2	2	1	3
2	3	2	3	2	2
3	1	1	2	2	3

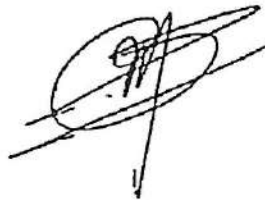
Advanced Excel

Name and Signature of the Coordinator:

  
Dr. A. T.

Date: 12/10/20

Name and Signature of the Academic Head:



Date: 12/10/20

Name and Signature of the IQAC Coordinator:

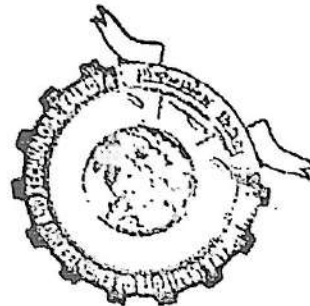
PK

Date: 12/10/20

Name and Signature of the HOD:

  
Dr. Anita

Date: 12/10/20



# ADVANCED EXEL AND POWER BI

KEY TRAINER-SAMEER ROHADIA

5 OCTOBER -9 OCTOBER 2020



ADI SHANKARA INSTITUTE OF ENGINEERING & TECHNOLOGY

## **Dr. Sameer Rohadia**

Specialist Business Intelligence & Data Warehouse // Leading the way in data-driven decision making.

Passionate for Data Visualization & BI by supporting clients in creating effective data visualizations with MS Power BI, Tableau, SQL. & Azure technologies. Enhance their knowledge by regularly conducting training on Big Data, MS Power BI, Tableau and Advanced MS Excel. My skills are backed up by related certifications in data visualizations and agile methodology. Fluent in English. Qualifications in Data Science, Business Administration, Electrical Engineering with Doctorate in ERP implementation.

- **Specialist Business Intelligence & Data Warehouse**

- [THIMM Corporate Services GmbH + Co. KG](#)

- Northeim, Lower Saxony, Germany
- Conception, modeling and implementation of sophisticated cloud data warehouse solutions as the basis for business intelligence applications in cooperation with the departments.
- Consolidation, further development and stabilization of the group-wide business intelligence applications.
- Participation in projects on standardized data provision, data evaluation and data quality.

## **Data Analyst & IT Trainer**

### **Freelance**

- Creating Dashboards for Marketing, Finance and other use-cases by using MS Power BI, Tableau, advanced MS Excel & SQL. Worked with Supply Chain Management division of Henkel AG, Amsterdam.
- Creating calculated fields, parameters and measures and appropriate filters & slicers.
- Good knowledge of Power BI Gateways and ETL tools.
- Conducting Webinars and Workshops on Big Data, MS Power BI, Tableau & MS Excel for local & international participants.

# Syllabus

## Module-1-

- Business Analytics tools and Understanding

## Module-2

- Advanced Excel-  
SlicersPivot Charts
- Macros
- Lookup Functions What-If Analysis

## Module-3 MS Office PowerBI

- Introduction to Data Visualization What is MS  
Power BI Connecting Data Data cleaning & data  
transformation Data visualization
- Hierarchy & Interactions Formatting  
visualsSlicers & Filters
- Calculated ColumnsMeasures

**Attended Students List-MBA**

ASI20MBA01	Aavani Maria James
ASI20MBA02	Abhilekh K Cheria
ASI20MBA03	Abilash K N
ASI20MBA04	Aboobakker Sidhique C.M
ASI20MBA05	Adhil Muhammed
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ASI20MBA94	Soji Thomas
ASI20MBA95	Sourab Vidyadharan
ASI20MBA96	Sreelakshmi.M.G
ASI20MBA97	Sreelakshmi P V
ASI20MBA98	Thushin Sekhar.K.R
ASI20MBA99	T P Muhammed Sahal
ASI20MBA100	Vijitha R P
ASI20MBA101	Vimal Das
ASI20MBA102	Vinayak C
ASI20MBA103	Vishnu Raj
ASI20MBA104	Vyshnavi M V
ASI20MBA105	Yedun Raj

Adhil Muhammed

## Advanced Excel and Power BI

1. Which of the following is a feature in Excel used to summarize and analyze data?

- a) VLOOKUP
- ✓ - b) PivotTable
- c) CONCATENATE
- d) IF function

6

2. In Power BI, what is the primary function of a dashboard?

- a) To input raw data
- b) To create complex calculations
- ✓ - c) To display and share visualizations and reports
- d) To manage user permissions

3. Which Excel function is used to find the average value in a range of cells?

- a) SUM
- ✓ - b) AVERAGE
- c) MAX
- d) MIN

4. What does DAX stand for in Power BI?

- a) Data Analysis Expressions
- b) Dynamic Analysis Exchange
- ✓ - c) Data Access Extensions
- d) Direct Analysis Execution

5. Which of the following Excel features allows you to automate repetitive tasks?

- a) Macros
- b) Conditional Formatting
- ✓ - c) Data Validation
- d) Sparklines

6. In Power BI, what is a 'measure'?

- a) A predefined chart template
- ✓ - b) A calculated field used for data analysis

- d) A type of data import method

7. Which of the following is a common chart type available in Excel?

- a) Scatter Plot

- b) Heat Map

- c) Sankey Diagram

- d) Treemap

8. In Power BI, what is the purpose of Power Query?

- a) To perform data modeling

- b) To create visualizations

- c) To transform and load data

- d) To manage report subscriptions

9. Which Excel function would you use to join two or more text strings into one string?

- a) TEXTJOIN

- b) CONCATENATE

- c) CONCAT

- d) All of the above

10. What is the key difference between Power BI Pro and Power BI Premium?

- a) Power BI Pro offers more storage than Power BI Premium

- b) Power BI Premium provides dedicated cloud resources and enhanced performance

- c) Power BI Pro is free while Power BI Premium is paid

- d) Power BI Premium lacks data sharing capabilities

<b>Students List</b>		<b>Mark(10)</b>
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ASI20MBA103	Vishnu Raj	8
ASI20MBA104	Vyshnavi M V	8
ASI20MBA105	Yedun Raj	8

Register Number	Name	Attendance				
		5.10.20	6.10.20	7.10.20	8.10.20	9.10.20
ASI20MBA01	Aavani Maria James	P	A	P	P	P
ASI20MBA02	Abhilekh K Cheria	P	A	P	P	A
ASI20MBA03	Abilash K N	A	P	P	P	P
ASI20MBA04	Aboobakker Sidhique C.M	P	P	P	P	P
ASI20MBA05	Adhil Muhammed	P	P	P	P	P
ASI20MBA06	Aishwarya A T	P	A	P	P	P
ASI20MBA07	Aiswarya Subash	P	P	A	P	P
ASI20MBA08	Ajay Krishnan	P	P	P	P	P
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ASI20MBA28	Anjana Joseph	P	P	P	P	P
ASI20MBA29	Anna George	P	P	P	P	P
ASI20MBA30	Annikit Thomas	P	P	P	P	P
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ASI20MBA105	Yedun Raj	P	P	P	P	P
ASI20MBA103	VISHNU RAJ	P	P	P	P	P
ASI20MBA104	VYSHNAVI M V	P	P	P	P	P
ASI20MBA105	YEDUN RAJ	P	P	A	P	P

### Feed back Form

Add On Course : Advanced Excel & Power BI

Batch : 2020-22 batch

Period:

Comments and Suggestions:

Sl no:	Topic	Excellent	Very Good	Good	Satisfactory	Poor
1	Content of the course	✓				
2	Practical knowledge enhancement		✓			
3	Course delivery	✓				
4	Quality of study materials		✓			
5	Activities done in classroom			✓		
6	Coverage of Industry requirements			✓		

Suggestions :

Good

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INSTITUTE OF ENGINEERING AND TECHNOLOGY

Approved by AICTE & Affiliated to APJ Abdul Kalam Technological University  
Vidya Bharathi Nagar, Kalady, Ernakulam, Kerala  
www.adishankara.ac.in



**Adi Shankara**  
BUSINESS SCHOOL



**Rohadia Analytics**  
Data Consultancy & Training

## **CERTIFICATE OF COMPLETION**

*We do here by present this Certificate of Completion to  
.....Anna George ..... for successfully completing the 30 hours  
Add-on course on Advanced Excel and Power BI from 5<sup>th</sup> October 2020  
to 9<sup>th</sup> October 2020*

Dr. Anitha Thomas

HOD-MBA

Dr. Sameer Rohadia

Data Analyst & IT  
Trainer