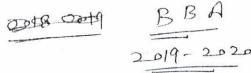
# CRITERIA 1.2.1 Assessment Year 2019-20



# LESSON PLAN ADVANCE EXCEL



### Eight Weeks Course

011

## ADVANCED EXCEL: Analyzing Data

# Unit I: Introduction to Data Analysis Using Excel

Learn the basics of Excel to help managing, understanding patterns, visualize and gain insights from your data.

Day		Sub-Topics	
to wild public to a	Basics of Excel with historical data on Equity, Commodity etc Editing and basic formatting, Basic data Manipulation, Basic excel features: filtering, sorting Data Filter, Sort, custom sort, Advanced Filter Using Pivot tables & Charts		
11:5			gland
2	Conditional formatting, Finding duplicates, Inserting/hiding comments Data text to columns using delimiters		
2-		ary Functions: SUM_DIFFERENCE_PRODUCT.	

### Unit II: Excel Skills for Business

Develop your skills with Excel, one of the common tools that help solving business problems

Day	Topics	Sub-Topics	
3	Mathematical, Date time functions: DATE, YEAR, DAY, MONTH, WEEKDAY, LOG, LN, SQRT, POWER, EXP etc.		
3	Lookup functions: Hyperlink, Index. Indirect. MATCH, OFFSET, VLOOKUP, HLOOKUP, LEN		in the
4	Importing External Data	: From Access, Web, Text Data & Other sources	
A = I	Data Validation: Data Val	idation, Circle Invalid data, Consolidate and Group Data	

## Unit III: Analyzing and Visualizing Data with Excel

Develop your skills with Excel, one of the common tools that data scientists depend on to gather, transform, analyze, and visualize data.

Day	Topics	Sub-Topics	
5	Financial Functions: PMT, PPMT, FV, PV, NPER, RATE, NPV		13.24
	Case Analysis: Loan & Lease Statement Schedule		
	Coefficient of variation, Correlat Distributions: Binomial & Poisso		s across
16	Data Analysis Tools: Correl	ation, Covariance, Descriptive Statistics, Rank and Percentile	A CONTRACTOR



### IV: Essential Statistics & Optimization Using Excel

Gain a solid understanding of statistical measures using Excel, and build on your data analysis and data science foundation.

Day	<b>Topics</b>	Sub-Topics	128.0
7	Solver: Optimization (Linear, Transportation problems)		
8	Creating Basic Macr	OS using VUA	les in the

