

2019-20



**CTLD
PRESENTS**

BASICS OF DATA ANALYTICS

**Start with Basics and
End with Advance**

**Registration Open
Contact At**

CTLD, POLYTECHNIC BUILDING, TMU

A handwritten signature in black ink, appearing to read 'R. V. Krishnia', is positioned above the name of the Director.

**Prof. R. V. Krishnia
Director - CTLD
TMU - Moradabad**

Basics of Data Analytics

Value Added Course- Syllabus

In today's competitive scenario, the world is being driven by the information and data. In every technical and non technical industry, every decision and information is well reinforced with the numbers and their analysis behind them. Every assumption and inferences in research has to be proved on the basis of statistical analysis of numbers.

TMU being proactive has understood the challenge and has decided to induce a value added course named as "BASICS OF DATA ANALYTICS". The duration of this course will be of 18 hours, which will cover the different concepts of analysis and interpretation of Data given.

Unit 1: Percentage Calculation (2 hours)

Basic calculation, Successive Increment, Percentage growth, SAGR, CAGR, application in analysis of data

Unit 2: Arithmetic mean (2 hours)

Basic concept of averages, different methods to calculate averages, application in analysis of data

Unit 3: Ratios for research (2 hours)

Ratios, analysis of ratios by increment and decrement, application in analysis of data

Unit 4: Tabular Graphs (2 hours)

Various tabular graphs and related concepts

Unit 5: Bar Graphs (2 hours)

Bar Graphs and related concepts

Unit 6: Line Charts (2 hours)

Line charts and analysis

Unit 7: Pie Charts (2 hours)

Pie charts Analysis

Unit 8: Caselets (2 hours)

Data in the form of caselets

Unit 9: Combinations of different graphs (2 hours)

Mixed graphs in interpretation of Data



Prof. R. N. Krishnia

Director-CTLD

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