



CRITERION 2: TEACHING – LEARNING AND EVALUATION

LAB BASED TEACHING

List of Subjects where lab based pedagogy followed:

S. No	Name of the Subject	Attached Document
1	Business Statistics	Syllabus
2	Business Research Methods	
3	Production and Operations Research	
4	Investment Analysis & Portfolio Management	
5	International Financial Management	Session Plan
6	Predictive Analytics Using R	
7	Data Visualization and Business Reporting Using Tableau	

List of Events organized to enhance learning experiences through lab based teaching

S.No	Name of the Event	Date
1	Industry Application of Business Analytics	30 th April to 1 st May 2021
2	Big Data Analytics	5 th - 10 th October 2020
3	Certificate Course on IT Skills	25 th - 8 th April 2021
4	Descriptive Analytics and Data Visualization Using Tableau	1 st - 5 th February 2021

1.5 BUSINESS STATISTICS

COURSE OBJECTIVES

60 Hours

1. To elevate students' awareness of data in everyday life and prepare them for a career in today's age of information. To develop statistical literacy skills in students in order to comprehend and practice statistical ideas to solve problems.
2. To promote the practice of the scientific method in our students: the ability to identify questions, collect evidence (data), discover and apply tools to interpret the data, and communicate and exchange results.

LEARNING OUTCOMES

1. At the end of this course, students will achieve statistical literacy and will be able to find ways to move beyond the-what of statistics to the how and why of statistics.
2. The techniques and tools used to come at different decisions.
3. The various analytical techniques that can be for decision making.

MODULE 1: INTRODUCTION TO STATISTICS:

12 Hours

Definition, Importance of Statistics; Statistical Data – Sources and Types - Classification of data, Frequency Distribution, Diagrammatic and Graphic Representation - Histograms, Frequency Polygon, Cumulative Frequency Curves or Ogives, Numerical descriptive techniques: Measures of Central Tendencies. Measures of Variability - Range, Standard Deviation, Variance, and Coefficient of Variance; Skewness—Karl Pearson's Co-efficient of Skewness, Bowley's Co-efficient of Skewness.

MODULE 2: TIME SERIES ANALYSIS AND INDEX NUMBERS

10 Hours

Time Series: Introduction, Objectives of Time Series, Identification of Trend - Methods of measuring: Semi averages, Moving averages, Method of Least squares, Non-linear trend. Application of time series in business.

Index numbers: Meaning, types and uses of Index numbers, Construction of Price, Quantity and Value indices, fixed base and Chain base method. TRT& FRT test. Consumer price index.

MODULE 3: CORRELATION AND REGRESSION ANALYSIS

10 Hours

Introduction and significance, Scatter diagram, Karl Pearson's coefficient of Correlation for Uni-variate and Bi-variate series, Spearman's Rank Correlation. Regression analysis: Regression equations.

MODULE 4: HYPOTHESIS TESTING, PARAMETRIC & NON PARAMETRIC TESTS

14 Hours

Hypothesis Testing, Formulation of Hypotheses, Type I and II error, z-test, t-test, f-test and Chi-Square test, Analysis of Variance(ANOVA) -one and two way. Design of experiments, Non-parametric tests – Sign test, Wilcoxon test, Mann-Whitney U test, Median test, Run test and Kolmogorov –Smirnov one sample test

MODULE 5: THEORY OF PROBABILITY

08 Hours

Concept and Definition - Relevance to Management Decisions law of independence - Sample Space and Events – Union of events, Relevance of Permutations and Combinations to Probability - Rules of Probability, Bayes' theorem & its applications, basics of Random Variables and Concept of Probability Distribution. Theoretical Probability Distributions: Binomial, Poisson and Normal.

MODULE 6: DECISION THEORY

Decision Theory – Decision under certainty, Decision making under risk (EMV criteria) and Decision making under uncertainty. Decision tree (Problems).

SKILL DEVELOPMENT EXERCISES

Students are expected to perform these activities or find the following parameters for a given dataset using MS Excel and SPSS.

Exp 1. Draw all types of Diagrams and Graphs

Exp 2. Construction of one way and two way tables

Exp 3. Arithmetic Mean

Exp 4. Geometric Mean

Exp 5. Harmonic Mean

Exp 6. Median, Mode

Exp 7. Minimum, Maximum, Range

Exp 8. Quartile Deviation, Mean Deviation, Standard Deviation, Variance, Coefficient of Variance

Exp 9. Co-efficient of Skewness: - Karl- Pearson, Bowley, Kelly,

Exp 10. Correlation coefficient

Exp 11. Regression coefficient - Slope (b in $y = a + bx$)

Exp 12. Regression Constant - Intercept (a in $y = a + bx$)

RECOMMENDED BOOKS (Latest Editions)

1. James R. Evans, "Business Analytics – Methods, Models and Decisions", Prentice Hall
2. T N Srivastava, Shailaja Rego, "Statistics for Management", Tata McGraw Hill
3. SP Gupta, "Statistical Methods", Sultan Chand & Sons
4. Glynn Davis and Branko Pecar, "Business Statistics using excel", Oxford University Press
5. J K Sharma, "Fundamentals of Business Statistics", Vikas Publication

REFERENCE BOOKS (Latest Editions)

1. Keller/Arora, "BSTAT: A South-Asian Perspective", Cengage Learning
2. S C Gupta, "Fundamentals of Statistics", Himalaya Publications
3. N D Vohra, "Business Statistics", Tata McGraw Hill
4. Levin & Rubin, "Statistics for Management", Prentice-Hall
5. Richard I. Levin, David S. Rubin, Masood H. Siddiqui, Sanjay Rastogi, "Statistics for Management", Pearson India
6. Amir D Aczel, Jayavel Sounderpandian, Palaniswamy Saravanan, Rohit Joshi, "Complete Business Statistics", McGraw Hill Education

2.2 BUSINESS RESEARCH METHODS

COURSE OBJECTIVES

60 Hours

1. To enable students acquire thought process in research,
2. To imprint on them the paradigm of research in business & to make them use research as base for decisions

LEARNING OUTCOMES

1. Demonstrate proficiency in defining a research problem, identifying variables or phenomena, identifying research designs, and developing purpose statements, research questions, hypotheses, and data collection.
2. Demonstrate proficiency in developing a research methodology for qualitative or quantitative designs, using appropriate statistical methods for data analysis.

MODULE 1: INTRODUCTION TO BUSINESS RESEARCH

06 Hours

Nature and role of Business Research, Types of Research based on Purpose, Process, Outcome, Nature, Action and Logic, Theory Building – constructs, propositions, variables and hypotheses, Features of a good Research Study, Research Process, Internet and research

MODULE 2: RESEARCH PROBLEM, HYPOTHESIS AND DESIGN

10 Hours

Identification and Selection of the Problem, Definition and Statement of the Problem, Evaluation of the Problem, Criteria and sources for identifying the problem, process of defining the problem. Nature, Definition and Characteristics of Good Hypothesis & types of hypotheses, Formulation and testing of hypothesis, The Design of Research, Meaning, Need, dimensions, types of research design.

MODULE 3: DATA COLLECTION AND MEASUREMENT

15 Hours

Primary Data Collection, Classification of Survey methods, Evaluation Criteria for Survey Methods; Observation Techniques, Classification of Observation Methods, Advantages and Limitations of Observation Techniques, Secondary Data Collection, Classification of Secondary Data Sources, Evaluation of Secondary Data, Roadmap to use Secondary Data & Benefits and Drawbacks of Secondary data. Qualitative methods, Observational Methods, Focus Group Method, Personal Interview Method and Projective Techniques

Scales of Measurement, Classification of Scales - Single Item v/s Multi Item Scales, Comparative v/s Non-Comparative scales, Continuous Rating Scales; Criteria for Good Measurement, Criteria for Questionnaire Designing; Types of Questionnaire; Questionnaire Design Procedure, Pilot test, validity and reliability of Questionnaire, Cronbach's alpha, interview schedule.

MODULE 4: SAMPLING AND DATA PREPARATION

10 Hours

Sampling, Concept of Sample and Target Population, Census and Sampling, Sample frame, Sample unit and sample element, Sample size, Determination of Sample Size, Characteristics of a Good Sample, Sampling Design; Probability and Non Probability, Sampling v/s Non-Sampling Error

Data Preparation, Field Validation, Data editing, Coding, Content Analysis, Classification and Tabulation of Data, data transformation

MODULE 5: DATA ANALYSIS

14 Hours

Basic data analysis: Descriptive Statistics, Univariate and Bivariate, Parametric & Non-Parametric Tests; Null & Alternative Hypothesis, Error in Testing of Hypothesis, Critical Region, Degrees of Freedom, One Tailed & Two Tailed Tests, Standard Error; Procedure for Testing of Hypothesis. Parametric test, Non parametric test (Conditions for applicability, practical applicability, Implementation and statistical Inference of all the above tests)

MODULE 6: RESEARCH REPORT

05 Hours

Types of Research Report, Report Format, Report Writing – Insight from the communication models, Report Formulation, Guidelines for effective Documentation and visual representation and Research Briefing –Oral Presentation, reports on the internet

SKILL DEVELOPMENT EXERCISES

Using MS Excel, SPSS/SYSTAT/MINITAB for Data Analysis: Entering data from questionnaire, types of analysis, types and applicability of graphs. Advanced tools of analysis: Concepts of discriminant analysis - factor analysis - cluster analysis - conjoint analysis - multi dimensional scaling - perceptual mapping to be taught through practical/real business problems

Exp 1. Z-Test, t-test, F-test Values

Exp 2. Chi-Square test Values

Exp 3. Analysis of Variance (ANOVA) Values

Exp 4. Research Proposal writing

Exp 5. Data Interpretation and report writing: Short and Long reports:

Exp 6. Report presentation methods, ex: Power Point Presentation, etc.

RECOMMENDED BOOKS (Latest Editions)

1. Zikmund/Adhikari, “Business Research Methods: A Soith-Asian Perspective”, Cengage
2. Deepak Chawla & Neena Sondhi, “Research Methodology-Concepts & Cases”, Vikas Publishing House
3. Donald R Cooper, Pamela S Schneider, J K Sharma, “Business Research Methods”, McGraw Hill Education

REFERENCE BOOKS (Latest Editions)

1. Naval Bajpai, “Business Research Methods”, Pearson India
2. Rummel & Ballaine, “Research Methodology in Business”, Harper & Row Publishers
3. C.R.Kothari , “Research Methodology (Methods and Techniques)”, New Age International
4. R.Pannerselvam, “Research Methodology”, Prentice-Hall of India

2.6 PRODUCTION AND OPERATIONS RESEARCH

COURSE OBJECTIVES

60 Hours

1. To provide a formal quantitative approach to problem solving and an intuition about situations where such an approach is appropriate.
2. To introduce some widely-used mathematical models. The understanding of these models will allow the students derive solutions by logic demonstrated through numbers & equip them with techniques for finding solutions.

LEARNING OUTCOMES

1. The students acquire quantitative tools, and use these tools for the analysis and solution of business problems.
2. The emphasis will be on the concepts and application rather than derivations.

MODULE 1: PRODUCTION AND OPERATIONS MANAGEMENT

10 Hours

Functions of Production and material management, Types of production Systems.

Forecasting – Forecasting types, Exponential smoothening, Measurement of errors, Box-Jenkins Method.

Facility Planning – Facilities location decisions

Facility layout planning: Layout, types of plant layouts – product layout, process layout, fixed position layout, cellular manufacturing layouts, hybrid layouts

Quality – Six Sigma, and elimination of 7 wastes (Mudas), Lean operations, JIT, KANBAN

MODULE 2: FACILITY MANAGEMENT

10 Hours

Productivity and types of productivity

Materials Management – Purchase functions, Procurement procedures including bid systems, Vendor selection and development, Vendor rating, ethics in purchasing.

Concepts of lead time, purchase requisition, purchase order, amendments, forms used and records maintained.

Inventory Management: Classification, ABC, VED and FSN analysis. Inventory costs, Inventory models – EOQ, safety stocks, Re order point, Quantity discounts

Maintenance: TPM, breakdown maintenance, continuous maintenance.

MODULE 3: INTRODUCTION AND LINEAR PROGRAMMING TECHNIQUES

10 Hours

Introduction Decision Making, Quantitative Approach to Decision Making, Nature and Significance of OR in Decision Making, Scientific Methods in Operations Research, Models in Operations Research, Application Areas of OR in Management.

Linear Programming: Model Formulation, Graphical Methods, Simplex Method, Maximization and Minimization of L.P.P, Degeneracy in L.P.P.

MODULE 4: TRANSPORTATION MODELS

10 Hours

General Structure; Various methods for finding initial solution: North West Corner Method, Least Cost Method, Vogel's Approximation Method; Test for optimality (MODI method only) Alternate Optimal solutions. Variations: Balanced Transportation Problem, Maximization problem, Degenerate Solution.

MODULE 5: ASSIGNMENT PROBLEMS

10 Hours

Concepts, Mathematical Formulation of an Assignment Problem, The Assignment Algorithm (Hungarian Assignment method), Balanced and Unbalanced Assignment Problems, Travelling Salesman Problem as an Assignment Problem.

Sequencing: Terminology and notations, types of sequencing problems, processing n jobs through 2 machines, processing N jobs in N Machine.

MODULE 6: NETWORK ANALYSIS

10 Hours

Terminology; Networking Concepts; Rules for drawing network diagram; CPM Computations: CPM Terminology, Finding critical path – Different Floats; PERT Computations: Probability of meeting the scheduled dates; difference between PERT and CPM, Crashing of a Project.

Replacement Models Types of Failure, Replacement of Items whose efficiency deteriorates with Time, Replacement of Items that Fail Completely

SKILL DEVELOPMENT EXERCISES

1. Linear programming is a general method usable for a wide range of problems. Visit any nutrition center which sells health-food. Bring into play the applications of LP in formation and building
2. Transportation programming techniques facilitates in maintaining traffic rules. Apply with the help of illustrations
3. Visit your nearest fast moving consumer goods manufacturing company like LG, Samsung, Videocon etc. and apply the concept of assignment model to increase its produce line.
4. Visit one of the construction companies and analyze its modus-operandi to function. Apply the concept of network model (PERT and CPM) to proper completion of work in time
5. Apply the queueing theory to regulate the problem of huge waiting lines at the railway reservation counters

PEDAGOGY

Use of case studies and Methods to solve the problems of OR using MS Excel or TORA.

RECOMMENDED BOOKS (Latest Editions)

1. Hillier, Lieberman, Nag & Basu, "Introduction to Operations Research", McGraw Hill Education(India)
2. Ravindran, Phillips & Solberg , "Operations Research – Principles & Practice", Wiley India
3. Hamdy A. Taha, "Operations Research: An Introduction", Pearson
4. H.M. Wagner, "Principles of Operations Research with Application to Managerial Decisions" , Prentice Hall of India

REFERENCE BOOKS (Latest Editions)

1. Srinivas Reddy, "Operations Research", Cengage Learning
2. J. K. Sharma, "Operations Research-Theory & Applications", MacMillan. India Ltd
3. V. K. Kapoor, "Operations Research-Techniques for Management", Sultan Chand & Sons
4. Hiller & Lieberman, "Introduction to Operations Research-Concepts & Cases", Tata-McGraw Hill
5. Gupta & Hira , "Operations Research", S.Chand& Co

6. Chawla, “Operation Research”, Kalyani Publishers
7. Mahadevan B, “Production and Operations Management”, Pearson Education India, 2010
8. J.P Saxena, “Production and Operations Management”, Tata Mcgraw-Hill Education Pvt Ltd.,
9. Ajay K.Garg, “Production and Operations Management”, Tata McGraw-Hill Education Pvt Ltd.,
10. Norman Gaither and Greg Frazier, “Operations Management”, South – Western College Pub.1999
11. Clifford Gray and Larson, “Project Management”, MC Graw-Hill/Irwin,2008.

ELECTIVE SUBJECTS	
3.2	FINANCE 3.2.1 INVESTMENT ANALYSIS AND PORTFOLIO MANAGEMENT 3.2.2 CORPORATE TAXATION FOR MANAGERS 3.2.3 CORPORATE VALUATION AND FINANCIAL MODELLING

3.2.1. INVESTMENT ANALYSIS AND PORTFOLIO MANAGEMENT

1. GENERAL INFORMATION

No. of Credits per week 4

No. of Hours per week 4

2. PERSPECTIVE OF THE COURSE

Good return is the hallmark of a good investment. Investing surplus funds for generating some returns is common among individuals and organizations. When a business enterprise has idle funds for a certain period of time, it is prudent on the part of the enterprise to invest it wisely and generate decent returns, the onus of which lies on finance manager. Hence, it is essential for finance professional to have knowledge on the process of making and managing investments.

3. COURSE OBJECTIVES AND OUTCOMES

OBJECTIVES

To provide knowledge and skill in identifying various investment alternatives and choosing the suitable one.

To orient on the procedures and formalities involved in investing.

OUTCOME

By the end of this course, a student would learn

- Identifying investment goals and constraints
- Identifying investment alternatives
- Choosing the best / suitable alternatives
- Portfolio Management

4. COURSE CONTENT AND STRUCTURE

MODULE1: THE INVESTMENT BACKGROUND AND FINANCIAL MARKETS

6 HOURS

Concepts of Investments, Investment objectives, Process, Planning, Investment Vs Speculation, Gambling and Arbitrage: investment alternatives, Macro economic factors influencing investment, Investment environment in India : Individual Investment Life Cycle, the need for Investment Policy Statement. Approaches to Investment Decisions: Code of Ethics and Standards for investment professionals.

Financial Markets and Participants in Securities Market in India, New issue Market, Secondary market, Stock market Indices, Debt market, Money market Instruments and Recent development in Indian capital markets

MODULE 2: RISK AND RETURN ANALYSIS

6 HOURS

Concept of Realised and Expected Return. Real and Nominal rate of return Required return, Excess Return and holding period return ,Measurement of Ex -post and Expected Return, Continuous probability Distribution, Concept of Risk, Upside and Downside Risk, Sources of Risk, Types of Risk-Systematic and unsystematic Risk; Risk Aversion. Measurement of Risk of individual security, Standard Deviation, Coefficient of variation; Beta as a measure of Risk.

Module3: PORTFOLIO ANALYSIS: THE MECHANICS OF INVESTMENT

12 HOURS

Modern Portfolio Theory: Conceptual framework, Diversification and Portfolio Risk; Markowitz Risk Return optimization: The Mathematical Model, Quantification of Portfolio Risk and Return: Effect of combining securities in Portfolio, Efficient Frontier, Computing Utility and Selection of Optimal Portfolio. Single Index Model- Concept of alpha and Beta- Corner Portfolio, Sharpe's Portfolio Risk and Return, Security Characteristics line, Portfolio optimization and selection

MODULE 4: CAPM AND ARBITRAGE PRICING THEORY**10 HOURS**

Capital Asset Pricing Model, Construction of optimal portfolio with Risky and riskless assets, The separation Theorem, Capital Market Line and Security Market Line - Applications of Security Market Line, Empirical Evidence of Capital Asset Pricing Model, Beta of CAPM.

Arbitrage Pricing Theory, Building of Arbitrage Portfolio, Return Generating process, Factor Model for Security Return volatility.

MODULE 5: PERFORMANCE EVALUATION AND REVISION OF PORTFOLIOS**10 HOURS**

Performance Evaluation- Sharpe's Performance Index, Treynor's Performance Index and Jensen's Measure to identify the predictive ability, Information Ratio, Sortino's Ratio, Challenges in Performance management .

Portfolio Revision Methods- Investment Timing, Formula Plans Constant Dollar Value Plan, Constant Ratio Plan, Variable Ratio Plan

MODULE 6: SECURITY ANALYSIS AND BEHAVIOURAL FINANCE**12 HOURS**

Fundamental Analysis: E-I-C approach. Variables used in E-I-C analysis. Technical Analysis Vs Fundamental Analysis. Efficient Market Hypothesis; Concept and Forms of Market Efficiency.

Technical Analysis: Basic tenets and Premises of Technical Analysis; Dow Theory, Price and volume charts, Moving Averages, Relative Strength Index, Rate of change, Stochastic Oscillators .

Behavioural finance and Technical Analysis, Introduction to Behavioural finance and how it differs from the tenets of traditional finance, Assumptions, Biases, Errors and Irrationalities that can affect Investment Behaviour, Takeaway from Behaviourist arguments.

5. PEDAGOGY

- a) Lectures
- b) Demonstrations using Excel
- c) Practical Exercises – Individual and Group
- d) Case Studies

6. TEACHING/LEARNING RESOURCES**ESSENTIAL READINGS**

1. Shalini Talwar –Security Analysis and Portfolio Management, CENGAGE
2. Punithavathy Pandian, —Security Analysis and Portfolio Management, Vikas Publishing House Private Limited, Fifth Reprint Edition.
3. Fischer, E Donald and Jordan, J Ronald (2005); –Security Analysis and Portfolio Management, Prentice Hall of India Private Ltd., 6th Edition.
4. Bodie, Kane, Marcus and Mohanty (2009); –Investments, McGraw Hill Education (India) Private Limited, 8th Edition.
5. Ranganatham and Madhumathi (2005); –Investment Analysis and Portfolio Management, Pearson Education, First Edition.
6. Chandra, Prasanna , –Investment Analysis and Portfolio Management, McGraw Hill Education (India) Private Limited, 4th Edition.

REFERENCES

1. Haugen Robert (2003); –Modern Investment Theory, Pearson Education, 5th Edition.
2. Bhalla, V.K. (2006); –Investment Management, S. Chand; 12th Edition.
3. Hirschey and Nofsinger (2008); –Investments – Analysis and Behaviour, Tata McGraw Hill Publishing Company Limited, Special Indian Edition.
4. Avadhani V.A (2006), –Securities Analysis and Portfolio Management, Himalaya Publishing House, Eighth Revised Edition.
5. Sharpe, Alexander and Bailey (1996); –Investments, Prentice Hall of India Private Limited, 5th Edition.
6. Kevin (2008); –Security Analysis and Portfolio Management, Prentice Hall of India Private Limited, First Reprint Edition.
7. Maheshwari, Yogesh (2008); –Investment Management, PHI Learning Private Limited, First Edition.
8. Indian Institute of Banking and Finance (2004); –Technical and Fundamental Analysis of Companies, Taxmann Publications, First Edition.
9. Stock Market Book (2005); Dalal Street Journal.
10. –Survey of Indian Industry (2008); The Hindu.
11. –The Layman's Guide to Mutual Funds (2004), Outlook Publishing (India) Private Limited, First Edition

LAB BASED LEARNING



SESSION PLAN
RISK MANAGEMENT & DERIVATIVES

MODULE 1: RISK ANALYSIS IN CAPITAL BUDGETING

Session	Coverage of the Key Concept	Pedagogy/Activity (Discussion Points)	Reading material to be Referred
1	Meaning of Risk and types of Risks of a Business Enterprise	Classroom discussion	Book "Project Appraisal" by Prasanna Chandra
2	Risk Analysis in Capital Budgeting	Classroom discussion	Book "Project Appraisal" by Prasanna Chandra
3	Risk measurement : 1. Standard Deviation 2. Co-efficient of Variation,	Solving Problems in classroom	Book "Project Appraisal" by Prasanna Chandra And CA Material
4	Risk measurement : Sensitivity Analysis,	Solving Problems in classroom	Book "Project Appraisal" by Prasanna Chandra And CA Material
5	Risk measurement : Scenario Analysis & Simulation	Solving Problems in classroom	Book "Project Appraisal" by Prasanna Chandra And CA Material
6	Risk Evaluation Adjusted Discount Rate Method	Solving Problems in classroom	Book "Project Appraisal" by Prasanna Chandra And CA Material
7	Risk Evaluation Certainty Equivalent Co-efficient Method	Solving Problems in classroom	Book "Project Appraisal" by Prasanna Chandra And CA Material
6	Risk Evaluation Decision Tree Analysis	Solving Problems in classroom	Book "Project Appraisal" by Prasanna Chandra And CA Material
7	Risk Evaluation Probability Distribution	Solving Problems in classroom	Book "Project Appraisal" by Prasanna



	Method Variation		Chandra And CA Material
8	Risk Evaluation Probability Distribution Method Variation	Solving Problems in classroom	Book "Project Appraisal" by Prasanna Chandra And CA Material

MODULE 2: INVESTMENT RISK AND DERIVATIVES

Session	Coverage of the Key Concept	Pedagogy/Activity (Discussion Points)	Reading material to be Referred
9	Meaning of Derivatives. Types of Derivatives	Classroom discussion	Book "Futures and Other Derivatives Options" by Hull J
10	Forward Agreements, Future Contracts	Classroom discussion with practical exposure of NSE India Website	Book "Futures and Other Derivatives Options" by Hull J
11	Terms associated with Futures Stock Futures and Index Futures	Classroom discussion with practical exposure of NSE India Website	Book "Futures and Other Derivatives Options" by Hull J
12	Differences between Forwards and Futures	Classroom discussion	Book "Futures and Other Derivatives Options" by Hull J
13	Margin and Settlement Mechanism of Futures	Classroom discussion and solving basic problems on Margin	Book "Futures and Other Derivatives Options" by Hull J
14	Margin and Settlement Mechanism of Futures	Classroom discussion and solving basic problems on Margin	Book "Futures and Other Derivatives Options" by Hull J

MODULE 3: FUTURE CONTRACT HEDGING AND TRADING

Session	Coverage of the Key Concept	Pedagogy/Activity (Discussion Points)	Reading material to be Referred
15	Hedging with Futures Stock Hedging	Stock Hedging (When there is a future contract available on the stock)	Book "Futures and Options" by Vohra, and Bagri
	Hedging with Futures	Stock Hedging (When	Book "Futures and Options"



16	Stock Hedging	there is no future contract available on the stock)	by Vohra, and Bagri
17	Hedging with Futures Stock Hedging	Stock Hedging (When there is no future contract available on the stock)	Book "Futures and Options" by Vohra, and Bagri
18	Portfolio Hedging: Adjusting Portfolio Risk,	Hedging Calculation and solving basic problems	Book "Futures and Options" by Vohra, and Bagri And CA material
19	Portfolio Hedging: Adjusting Portfolio Risk,	Hedging Calculation and solving basic problems	Book "Futures and Options" by Vohra, and Bagri And CA material
17	Pricing of Futures	Solving basic problems based on – No income	Book "Futures and Options" by Vohra, and Bagri And CA material
18	Pricing of Futures	Solving basic problems based on - Income in terms of amount.	Book "Futures and Options" by Vohra, and Bagri And CA material
19	Pricing of Futures	Solving basic problems based on –Income in terms yield.	Book "Futures and Options" by Vohra, and Bagri And CA material

MODULE 4: OPTIONS- BASICS AND STRATEGIES

Session	Coverage of the Key Concept	Pedagogy/Activity (Discussion Points)	Reading material to be Referred
20	Option Contracts Meaning	Classroom discussion on Options with practical exposure with NSE India website	Book "Futures and Options" by Vohra, and Bagri
21	Types of Option – Call, Put, American, European.	Classroom discussion on Options with practical exposure with NSE India website	Book "Futures and Options" by Vohra, and Bagri
22	Pay-off and Pay-off Diagrams	Classroom discussion on Options with practical exposure with NSE India website Calculation by using MS-Excel	Book "Futures and Options" by Vohra, and Bagri
	Hedging Strategies	Classroom discussion on	Book "Futures and



23	Protective Put Strategy and Covered Call Strategy.	Options with practical exposure with NSE India website (ITM, ATM, OTM) Calculation by using MS-Excel	Options" by Vohra, and Bagri
24	Hedging Strategies Protective Put Strategy and Covered Call Strategy.	Classroom discussion on Options with practical exposure with NSE India website (ITM, ATM, OTM) Calculation by using MS-Excel	Book "Futures and Options" by Vohra, and Bagri
25	Hedging Strategies Protective Put Strategy and Covered Call Strategy.	Classroom discussion on Options with practical exposure with NSE India website (ITM, ATM, OTM) Calculation by using MS-Excel	Book "Futures and Options" by Vohra, and Bagri
26	Trading Strategies with Options – Basic Spread Long and Short	Classroom discussion on Problems on Long and Short Positions Calculation by using MS-Excel	Book "Futures and Options" by Vohra, and Bagri and Book "Futures and Other Derivatives Options" by Hull J
27	Trading Strategies with Options – Long Straddle Short Straddle	Classroom discussion on Options with practical exposure with NSE India website (ITM, ATM, OTM) Calculation by using MS-Excel	Book "Futures and Options" by Vohra, and Bagri and Book "Futures and Other Derivatives Options" by Hull J
28	Trading Strategies with Options – Strip, Strap,	Classroom discussion on Options with practical exposure with NSE India website (ITM, ATM, OTM) Calculation by using MS-Excel	Book "Futures and Options" by Vohra, and Bagri and Book "Futures and Other Derivatives Options" by Hull J
29	Trading Strategies with Options – Long Strangle and Short Strangle	Classroom discussion on Options with practical exposure with NSE India website (ITM, ATM, OTM) Calculation by using MS-Excel	Book "Futures and Options" by Vohra, and Bagri and Book "Futures and Other Derivatives Options" by Hull J
30	Trading Strategies with Options – Spreads	Classroom discussion on Options with practical exposure with NSE India	Book "Futures and Options" by Vohra, and Bagri and Book "Futures



		website (ITM, ATM, OTM) Calculation by using MS-Excel	and Other Derivatives Options” by Hull J
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MODULE 5: OPTION PRICING

Session	Coverage of the Key Concept	Pedagogy/Activity (Discussion Points)	Reading material to be Referred
31	Put-Call Parity Theory	Solving Problems on put-call parity by using MS Excel	Book “Futures and Options” by Vohra, and Bagri and Book “Futures and Other Derivatives Options” by Hull J and also CA Material
32	Risk Neutralization Method of Option Valuation	Classroom discussion and solving basic problems on Risk Neutralization Method	Book “Futures and Options” by Vohra, and Bagri and Book “Futures and Other Derivatives Options” by Hull J and also CA Material
33	Portfolio Replication Method of Option Valuation	Solving Problems on Portfolio Replication Method	Book “Futures and Options” by Vohra, and Bagri and Book “Futures and Other Derivatives Options” by Hull J and also CA Material
34	Portfolio Replication Method of Option Valuation	Solving Problems on Portfolio Replication Method	Book “Futures and Options” by Vohra, and Bagri and Book “Futures and Other Derivatives Options” by Hull J and also CA Material
35	Binomial Method of Option Valuation	Solving Problems on Binomial Method	Book “Futures and Options” by Vohra, and Bagri and Book “Futures and Other Derivatives Options” by Hull J and also CA Material
36	Black-Scholes Method of Option Valuation	Solving Problems on Black-Scholes Method	Book “Futures and Options” by Vohra, and Bagri and Book “Futures

		Using Software model on Black-Scholes	and Other Derivatives Options” by Hull J and also CA Material
37	Option Greeks	Solving Problems on Option Greeks (Delta, Gamma, Theta, Rho Vega) Using Software model of Vega, Gamma, Theta, Delta, Rho	Book “Futures and Options” by Vohra, and Bagri and Book “Futures and Other Derivatives Options” by Hull J and also CA Material

MODULE 6: COMMODITY RISK AND COMMODITY DERIVATIVES

Session	Coverage of the Key Concept	Pedagogy/Activity (Discussion Points)	Reading material to be Referred
38	Commodity Markets	Classroom discussion Practical exposure of Multi Commodity Exchange(MCX)	Book “Commodity Markets – Operations, Instruments and Applications” by Chatnani, Niti and CA material
39	Commodity Derivatives	Classroom discussion Practical exposure of Multi Commodity Exchange(MCX)	Book “Commodity Markets – Operations, Instruments and Applications” by Chatnani, Niti and CA material
40	Revision of the syllabus and Discussion on Case Study		



PART B
SESSION PLAN

MODULE 1: INTRODUCTION TO PREDICTIVE ANALYTICS

Session	Coverage of the Key Concept	Pedagogy/Activity (Discussion Points)	Reading material to be Referred
1	Introduction to R <ul style="list-style-type: none">• Applications of R• Basic Programing Terminology• R Environment WalkThrough	Classroom discussion with PPT	Rstudio Documentation Article https://data-flair.training/blogs/r-applications/
2	Installing R software	Classroom discussion with PPT Lab Session	Video https://youtu.be/NZxSA80IF11
3	Vector Manipulation	Classroom discussion with PPT Lab Session	Website www.datacamp.com
4	Factors - Categorical Variable Analysis Business Decision Matrix Manipulation of a Business Decision Matrix	Classroom discussion with PPT Lab Session	Website www.datacamp.com
5	Lists and Data Frames	Classroom discussion with PPT Lab Session	Website www.datacamp.com
6	Introduction to Data Visualization Ggplot2 package Types of Graphical Representation.	Classroom discussion with PPT Lab Session	Rstudio Documentation ggplot2 official documentation Data Inbuilt





MODULE 2: EXPLORATORY DATA ANALYSIS

Session	Coverage of the Key Concept	Pedagogy/Activity (Discussion Points)	Reading material to be Referred
8	Data Cleaning	Classroom discussion with PPT	Book R Cookbook Paul Teetor
9	Data Cleaning: Simple Method of Imputation	Classroom discussion with PPT Lab Session	RStudio Documentation Book R Cookbook Paul Teetor
10	Data Cleaning: Mean Imputation	Classroom discussion with PPT Lab Session	RStudio Documentation Book R Cookbook Paul Teetor
11	Data Cleaning: Median Imputation	Classroom discussion with PPT Lab Session	RStudio Documentation Book R Cookbook Paul Teetor
12	Data Cleaning: Mode Imputation	Classroom discussion with PPT Lab Session	RStudio Documentation Book R Cookbook Paul Teetor
13	Data Cleaning: Imputation Through Package- MICE	Classroom discussion with PPT Lab Session	RStudio Documentation Book R Cookbook Paul Teetor
14	Outliers : Graphical Method of Identification of Outliers	Classroom discussion with PPT Lab Session	RStudio Documentation Book R Cookbook Paul Teetor





15	Outliers : Min-Max Method of Outliers Manual Treatment of Outliers	Classroom discussion with PPT Lab Session	RStudio Documentation Book R Cookbook Paul Teetor
16	Univariate Analysis	Classroom discussion with PPT Lab Session	RStudio Documentation Book R Cookbook Paul Teetor Data Kaggle
17	Time Series Modeling	Classroom discussion with PPT Lab Session	RStudio Documentation Book R Cookbook Paul Teetor Data Inbuilt
18	Autocorrelation Factor Partial Autocorrelation Factor	Classroom discussion with PPT Lab Session	RStudio Documentation Book R Cookbook Paul Teetor Data Inbuilt
20	ARIMA Modelling	Classroom discussion with PPT Lab Session	RStudio Documentation Book R Cookbook Paul Teetor Data Inbuilt





MODULE 3: PREDICTION- LINEAR REGRESSION

Session	Coverage of the Key Concept	Pedagogy/Activity (Discussion Points)	Reading material to be Referred
21	Linear Regression	Classroom discussion with PPT Lab Session	RStudio Documentation Books Statistics For Management David S. Rubin and Levin R Cookbook Paul Teetor Data Kaggle
22	Residuals	Classroom discussion with PPT Lab Session	RStudio Documentation Books Statistics For Management David S. Rubin and Levin R Cookbook Paul Teetor Data Kaggle
23	Ordinary Least Squares	Classroom discussion with PPT Lab Session	RStudio Documentation Books Statistics For Management David S. Rubin and Levin R Cookbook Paul Teetor Data Kaggle
24	P Value	Classroom discussion with PPT Lab Session	RStudio Documentation Books Statistics For Management David S. Rubin and Levin Data Kaggle
25	T Test	Classroom discussion with PPT Lab Session	RStudio Documentation Books Statistics For Management David S. Rubin and Levin R Cookbook Paul Teetor Data Kaggle
26	F Test	Classroom discussion with PPT Lab Session	RStudio Documentation Books Statistics For Management David S. Rubin and Levin R Cookbook





			Paul Teetor Data Kaggle
27	R Squared	Classroom discussion with PPT Lab Session	RStudio Documentation Books Statistics For Management David S. Rubin and Levin R Cookbook Paul Teetor Data Kaggle
28	R Squared	Classroom discussion with PPT Lab Session	RStudio Documentation Books Statistics For Management David S. Rubin and Levin R Cookbook Paul Teetor Data Kaggle
29	Multiple Regression Analysis	Classroom discussion with PPT Lab Session	Books Statistics For Management David S. Rubin and Levin
30	Residual Analysis	Classroom discussion with PPT Lab Session	RStudio Documentation Data Kaggle
31	Residual Analysis	Classroom discussion with PPT Lab Session	RStudio Documentation Data Kaggle
32	Variance Inflation Factor	Classroom discussion with PPT Lab Session	RStudio Documentation Data Kaggle
33	Variance Inflation Factor	Classroom discussion with PPT Lab Session	RStudio Documentation Data Kaggle





MODULE 4: DECISION TREES & LOGISTIC REGRESSION

Session	Coverage of the Key Concept	Pedagogy/Activity (Discussion Points)	Reading material to be Referred
34	Decision Trees	Classroom discussion with PPT Lab Session , Board Work	RStudio Documentation
35	ID3 method	Classroom discussion with PPT Lab Session , Board Work	RStudio Documentation
36	ID3 method	Classroom discussion with PPT Lab Session , Board Work	RStudio Documentation
37	Gini Index	Classroom discussion with PPT Lab Session , Board Work	RStudio Documentation Video https://youtu.be/7VeUPuFGJHk
38	Logistic Regression	Classroom discussion with PPT Lab Session , Board Work	RStudio Documentation Video https://youtu.be/yIYKR4sgzI8
39	Akaike Information Criteria	Classroom discussion with PPT Lab Session , Board Work	RStudio Documentation Book R Cookbook Paul Teetor
40	Interpretation	Classroom discussion with PPT Lab Session , Board Work	RStudio Documentation Book R Cookbook Paul Teetor
41	Interpretation	Classroom discussion with PPT Lab Session , Board Work	RStudio Documentation Book R Cookbook Paul Teetor





42	P Value	Classroom discussion with PPT Lab Session . Board Work	RStudio Documentation Book R Cookbook Paul Teetor
43	F statistic	Classroom discussion with PPT Lab Session . Board Work	RStudio Documentation Book R Cookbook Paul Teetor
44	Predicting Logistic Equations	Classroom discussion with PPT Lab Session . Board Work	RStudio Documentation Book R Cookbook Paul Teetor

MODULE 5: NEURAL NETWORKS

Session	Coverage of the Key Concept	Pedagogy/Activity (Discussion Points)	Reading material to be Referred
45	Artificial Neural Network	Classroom discussion Board Lab Session	RStudio Documentation Book Machine Learning: A Guide to Current Research Tom M .Mitchelle Video https://youtu.be/aircArUvnKk
46	Structure of neural networks	Classroom discussion Board Lab Session	RStudio Documentation Book Machine Learning: A Guide to Current Research Tom M .Mitchelle



47	Information Flow	Classroom discussion Board Lab Session	RStudio Documentation Book Machine Learning: A Guide to Current Research Tom M .Mitchelle
48	Hidden Layers	Classroom discussion Board Lab Session	RStudio Documentation Book Machine Learning: A Guide to Current Research Tom M .Mitchelle
49	Training a Neural Network	Classroom discussion Board Lab Session	RStudio Documentation Book Machine Learning: A Guide to Current Research Tom M .Mitchelle
50	Backpropagation	Classroom discussion Board Lab Session	RStudio Documentation Book Machine Learning: A Guide to Current Research Tom M .Mitchelle
51	Interpreting a Neural Network	Classroom discussion Board Lab Session	RStudio Documentation Book Machine Learning: A Guide to Current Research Tom M .Mitchelle





52	Interpreting a Neural Network	Classroom discussion Board Lab Session	RStudio Documentation Book Machine Learning: A Guide to Current Research Tom M .Mitchelle
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MODULE 6:INTRODUCTION TO OTHER REGRESSION ANALYSIS

Session	Coverage of the Key Concept	Pedagogy/Activity (Discussion Points)	Reading material to be Referred
53	Introduction to other regression anal	Classroom discussion, Study Material	Book Statistics For Management David S. Rubin and Levin
54	Polynomial Regression	Classroom discussion, Study Material	Book Statistics For Management David S. Rubin and Levin
55	Poisson Regression	Classroom discussion, Study Material	Book Statistics For Management David S. Rubin and Levin
56	Non Linear Regression	Classroom discussion, Study Material	Book Statistics For Management David S. Rubin and Levin
57	Non Parametric Tests	Classroom discussion, Study Material	Book Statistics For Management David S. Rubin and Levin
58	Non Parametric Tests	Classroom discussion, Study Material	Book Statistics For Management David S. Rubin and Levin





WEBINAR on INDUSTRY APPLICATIONS OF BUSINESS ANALYTICS	
Date: 30 th April and 1 st May 2020	Virtual mode- Zoom
Time: 11 am to 12 pm	Sem/Year/Group: I Semester
No. of Participant: 89 and 100 (total 189)	Event Coordinator: Dr Santhosh Prof. Nagasubba Reddy Prof. Priya Jain
Objectives: The basic objective of webinar was to make students learn about the practical usage of analytical applications and tools in the industry.	
Brief Profile of the Resources Person: Dr. Devesh Bathla	



Devesh Bathla
BUSINESS ANALYTICS

A committed, knowledgeable and capable **industry practitioner** with vast experience in field of Business Analytics and passionate for corporate training and academia.

Core Competencies

- ◆ Presenter and Public Speaker
- ◆ Analytics Trainer
- ◆ Business Analysis & Strategic Planning
- ◆ Data Science Professional
- ◆ Product Development and Lifecycle
- ◆ Trainer and Motivator
- ◆ Market Intelligence & Digital Marketing
- ◆ Marketing Analytics
- ◆ Campaign Management

Soft Skills



Profile Summary

Focused Professional with **over 10 years** of experience

Corporate Consulting

- Analytical solutions to global clients from diverse domains of IT, BFSI, HealthCare, Ed-Tech and more
- Mentor an interesting animation based e-learning start-up for business development and solution consultancy

Analytics Training

Corporate

- High expertise in physical training delivery at Corporates in the challenging field of **Business Analytics**
- A **confident presenter** and teacher, able to impart complex information to audiences of all levels
- Worked with **BCG, SAS, IBM** on CLM projects
- Created web courses on Statistics, Business Analytics for professionals, consumed for **online learning globally**
- Appreciated for exceptional **presentation skills**

Academia

- Designed and delivered curriculum on **"Data Science Essentials"** for UG/PG programs at Universities
- Key Member - **Board of Studies** at leading institutes
- Extensively published theoretical and experimental work
- Published **two books** with an international publishing house at **Germany** - available at **Amazon** etc.
- **Highly experienced** in corporate tools from leaders - **SAS, IBM, Microsoft, Salesforce, Tableau** in areas of Data Mining, Data Quality, Data Visualisation etc.

Corporate Operations

- Highly experienced in project and team management, **strategic planning** and budget management
- Expertise in **Customer lifecycle management, Product management and Channel Sales**
- Directed timely execution of marketing strategies, **product launches and new advertising campaigns**
- Implemented competitive & **market intelligence** capabilities through systematic and objective analysis

Work Experience

2020-till date with Chitkara University
 Centre Director & Professor – Business Analytics

2019 with SkillLabs (P) Limited
 Head – Marketing Analytics National Role

2015–18 with Vodafone India
 Marketing Analytics (IBM Suite) Punjab, HP, J&K

2010–14 with Tata Teleservices Limited
 Life Cycle Management (SAS Suite) North, NCR, Mumbai

Academics

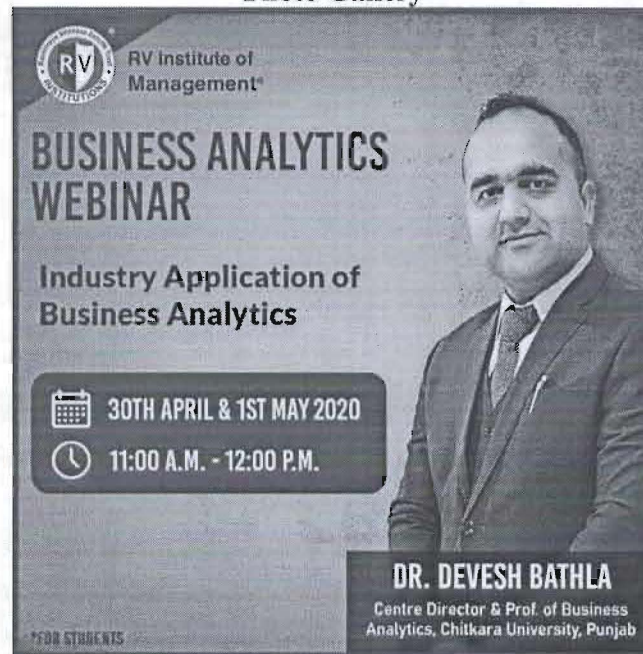
- PhD (Management) in 2013
- MBA (Marketing and Telecommunication Mgt.) in 2010
- B.Tech. (Electronics & Communication) in 2007

Outcome Achieved/ Attained: At the end of the program students were able to-

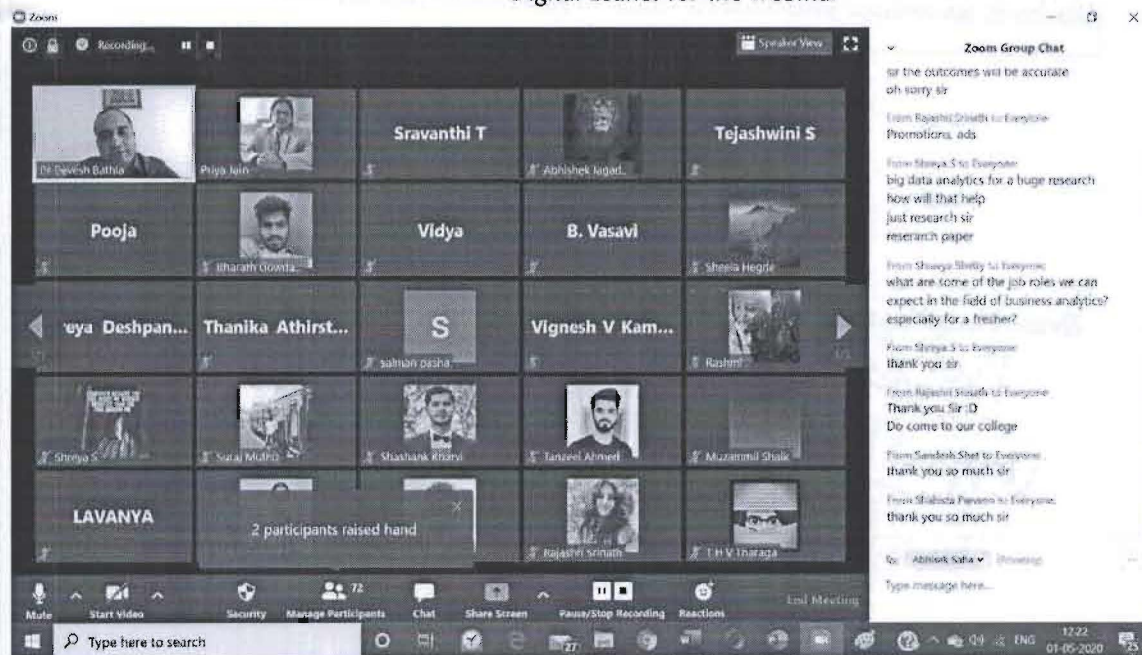
- Understand business analytics and its usage in industry.

- Understand and read the data set.
- Analyze the dataset using advanced Ms Excel.
- Define predictive analytics.
- Understand how prediction happens using regression analysis

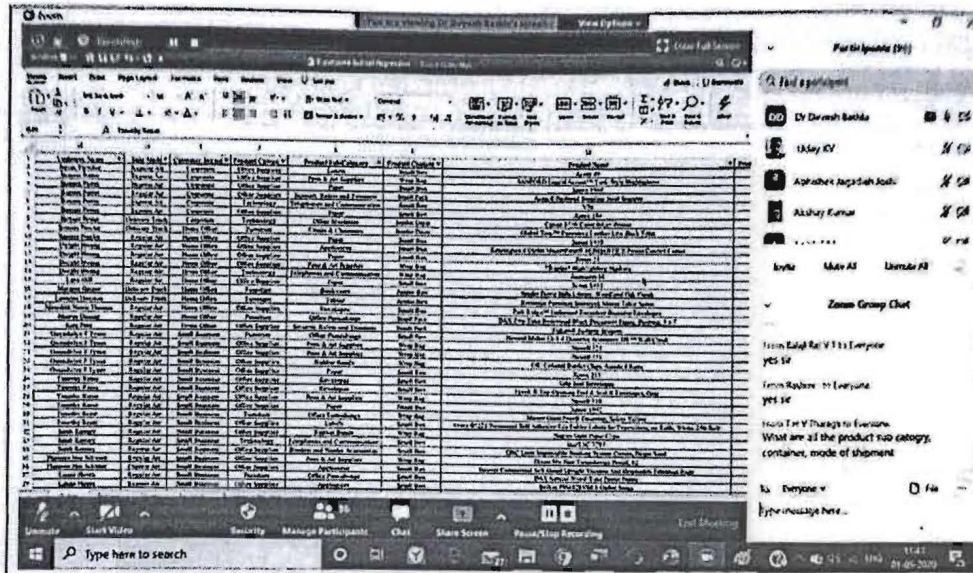
Photo Gallery



Digital Leaflet for the webinar



Resource Person Dr. Devesh Bathla addressing the students



Practical session on predictive analytics using Advanced excel

Feedback / Coordinators Comment: The program is well received by students. They gained the knowledge about industry applications of analytical tools and how prediction is being done using regression analysis. Students has given excellent feedback with regard to the delivery of knowledge sharing by the resource person and also asked for such more sessions in future.

Event Coordinator

Prady
K. Prasad
N. N. N.

Director



CEP on BIG DATA ANALYTICS	
Date: 5 th October to 10 th October 2020	Venue: Zoom webinar
Time: 11 am to 1 pm	Event : Webinar
No. of Participant: 101	Event Coordinator: Dr. Santhosh M Prof. Reddy Prof Dileep Prof. Priya Jain
Objectives <ul style="list-style-type: none">- To gain deeper understanding of the concept of Big Data Analytics.- To learn how data analysis can be done using Hadoop.- To understand the concept of HDFS, MapReduce, Yarn and Hive.- To analyze the different tools available for data analysis like Python, Git Hub, PySpark, Jupyter etc.- To understand the concept of Image analytics, sentiment analytics and fraud analytics.- To learn how big data analytics takes place in different industries.	
Agenda/Flow of the Event <ul style="list-style-type: none">● 5th October: Introduction to Big Data Analytics● 6th October: Hadoop concepts and Architecture● 7th October: Exploring Big Data and communicating insights● 8th October: Big Data analytics life cycle● 9th October: Big Data analytics life cycle (concept of sampling data and used cases)● 10th October: Big Data analytics in industry and panel discussion	
Outcome Achieved/ Attained: <ul style="list-style-type: none">- Dr. Purushottam Bung on the first day set the context of the program by explaining about the evolution of big data analytics. He explained about the 5 Vs of big data analytics.- Then session I was started by Mr. Sai Bharath. He introduced the concept of data science and big data analytics to the audience. He laid the foundation for big data analytics and explained how big data is driving digital transformation. Then the session was taken over by Mr. Srujan and he	

explained about the big data in marketing and retail. He told about what is next best action for customers in real time.

- On the second day Mr. Sai explained in detail about the clusters in Hadoop. He explained various terminologies like Rack, Course and Hadoop architecture. He also told about the concept of HDFS, MapReduce, Yarn and Hive.
- On third day Mr. Sai Bharath took the practical example of Hadoop and explained how Hadoop can be used for data analysis. On the same day Mr. Debayan Roy also explained the concept of data insight communication using a industry used case.
- On fourth day Ms Divya introduced various other tools like Jupyter, Python, GitHub and PySpark to the audience. She explained how these tools can also be used for analyzing data. Further the session was taken over by Mr. Shreyans and he explained about the concept of image analytics.
- On fifth day the Ms. Divya explained briefly about the concept of sampling as it is very important in data analysis. Later on Mr. Srujan explained the concept of fraud analytics.
- On the last day Mr. Divya explained about the structured and unstructured data available with the help of used case. Later on Mr. Jishnu explained about the concept of sentiment analysis.
- At the end panel discussion was held where in all the speakers explained about how data analysis is happening in various sectors like financial sectors, health sector, fitness sector etc. All the speakers also shared their career journey which motivated all the participants.

Feedback & Coordinator Comment:

The entire program was very well received by all the participants. All the participants appreciated the program and were happy to have deeper knowledge on various concepts related to big data analytics. During the sessions participants had a chance to know how various new tools like Hadoop, python, jupyter, spyder, pyspark etc works. Everyone appreciated the program and motivated the organizers for many such programs in the future.

Event Coordinators

Dr. Santhosh M

Prof. Nagasubba Reddy

Prof. Dileep

Prof. Priya Jain



Director

Dr. Purushottam Bung





RASHTREEYA SIKSHANA SAMITHI TRUST

R V INSTITUTE OF MANAGEMENT
CA 17, 26 Main, 36th Cross, 4th T Block, Jayanagar
Bengaluru, Karnataka 560 041

A Report on Certificate course on IT Skills for 2020-22 batch MBA students

Duration : 25th January,2021 to 8th April 2021	Venue: Computer Lab 1, Lab 2 and Lab3 And online classes on ZOOM Platform
Time: 4.00 pm – 5.30 pm, Number of hours : 40	Semester & Section/: 1st Sem/A,B,C and D
No. of Participants: 170	Event Coordinator: Mr.Nagasubba Reddy
<p>This course aims to increase student's computer knowledge and skills so as to develop attributes that enhance an individual's interactions and job performance. The objective of the course is to inculcate potential skills in the students to prepare them to deal with the external world in a collaborative manner, take initiative, solve problems, and demonstrate a sound IT skill so as to hold a good impression and positive impact</p> <p>Objectives</p> <ul style="list-style-type: none">➤ Demonstrate an advanced knowledge of the Word Processing package, MS Office and a knowledge of how to design & create effective and structured documents like technical reports, letters, brochures, etc.,➤ Demonstrate the skills in the appropriate use of various features of the spread sheet package MS Excel and also to create useful spreadsheet applications like tabulated statements, balance sheets, statistical charts, business statements, etc.➤ Demonstrate the skills in making an effective presentation with audio and video effects using the MS Excel package➤ Draw graphical pictures, flow charts, block diagrams etc., using the drawing tools available in MS Word or MS Power Point and incorporate them into documents and presentations.➤ Demonstrate the basic skills in using Social media, Email and online tools	
<p><u>MS-WORD 2016</u></p> <ol style="list-style-type: none">1. Introduction ,Working with Documents,Formatting Documents2. Creating Tables,Drawing,Tools <p><u>Module 2: MS Excel 2016</u></p> <ol style="list-style-type: none">1. Introduction,Working with Spreadsheets2. Formatting Spreadsheets,Working with sheets,Creating Charts <p><u>Module 3 MS Power Point</u></p> <ol style="list-style-type: none">1. Introduction,Creating a presentation2. Formatting a presentation,Adding Graphics to the presentation3. Adding effects to the presentation,Printing Handouts4. Generating standalone presentation viewer <p>Module 4: Building basic proficiency in using Social media, E-mail and other online tools</p> <ol style="list-style-type: none">1. Creating and updating profiles on various social media platforms Email etiquettes.2. Online Tools: Google: Drive, Scholar, Classrooms, Current, Slides, Calendar, Groups, Forms, Keeps; Zoom; Microsoft teams etc.3. Prezi: Interactive power point slide4. Canva- Creating Brochure, Logos, Business Card, Business Presentation, Info graphs.	

Brief Profile of the Resources Persons:

N.Nagasubba Reddy

B.Sc (Computer Science), M.S in Computer Science, MBA, (Ph.D.)

- Area of Specialization is Information Technology, Business Analytics and Digital Marketing
- Certification from International School of Computer Technology, New Delhi.
- Participated and presented papers in National and International conferences.
- **Authored books titled “Computer Fundamentals and Internet Concepts for Beginners’ and ‘MS-Excel Simplified’.**
- As an initiative of Social Responsibility, has been conducting Computer Literacy Programme for Senior Citizens since 2006. Presently, as on date there are more than 1400 senior citizens who have been trained and the same has been entered in the Limca Book of Records.
- Actively involved in training CA aspirants in Information Technology and has trained more than 1000 students till date.
- Certified trainer from IBM for Business Analytics
- Involved in setting up the state-of-the-art technology in the computer labs.
- Other areas of interest are event management, reading books
- He is currently pursuing a Ph.D. in Management at GITAM University, Bengaluru
- **Member Coordinator, IQAC, Co-Ordinator for Department of IT and Centre for Media,** Committee member in Board of Studies and Academic Council in the college.

Ms.Shreya Shankar

M. Sc (Big Data Analytics), B. Sc (Mathematics, Statistics, and Economics)

Areas of interest: Business Analytics and Statistics.

- Ms. Shreya has a passion towards teaching and she has completed her master’s in Big data Analytics.
- She has worked across various domains including video analytics, AI and dashboard building.
- She was in the organizing team of Karnataka State Police Hackathon 2019.
- She has done various projects in the area of analytics and AI such as Churn prediction, customer segmentation, movie recommendation engine and sound recognition engine.
- She is proficient in R, Python and SQL.

Ms. Vandana Gablani,

BCA, MCA

Area: Computer Applications

- Ms. Vandana Gablani is an experienced Professional with a demonstrated history of working in the education industry. She has completed her Master’s in computer’s Applications from GGSIPU and she has completed her BCA from GJU. She has more than 8 years of experience in teaching industry. Her main areas of interest are Machine learning, AI, IoT. She has attended various workshops and conferences and has also presented papers in them. She is a good listener and she loves to travel.



Rashtriya Sikshana Samithi Trust

R V Institute of Management

CA-17, 38th Cross, 26th Main, 4th T Block, Jayanagar, Bangalore-560041

Certificate course on IT skills for 2020-22 batch MBA students - List of Participants -1st Sem A Section

Sl no	Student Name	Signautre	Sl.No		Signature
1	Prajna		36	Drinva K Chandran	
2	Ajeey M		37	Adarsha K	
3	Indraneel Das		38	Dhanashri Kabra	
4	Abhishek S Upadhye		39	K. Kirthan	
5	Akshay H S		40	Gautham M	
6	Karthik M S		41	Amulya H.R	
7	Ashadeep M Hegde		42	Priyanka.A	
8	Sujay Shah		43	Gokul Nayak	
9	C. Prasanth Kumar		44	Apoorva S Patil	
10	Prajna Shetty		45	Abhilash K	
11	Jagrity		46	Sneha Gowda R	
12	Roshani		47	H R Rithesha	
13	Nishant Kumar Sharma		48	Supreeth. S	
14	Rakshith		49	Carol Swetha Noronha	
15	Eshanya M		50	Sachith Kumar	
16	Prinson Dlima		51	Janak Karkera	
17	Varsha K		52	Nikhil Navandhar	
18	Kavya Ganapati Hegde		53	Sparsha S	
19	Soubhagya Bhat		54	Chandan S	
20	Karnika Mridul		55	Kaushik C B	
21	Delson Glan D Silva		56	Chandan Nh	
22	Darshini.G				
23	Akshay G.S		57	Deeksha Bopaiah	
24	Manu Kiran H K				
25	Afeefah Bakhtar Majumdar				
26	Ananya. C. S				
27	S.Chethan				
28	Prateeksha R Chungani				
29	Bhavani Vishwakarma				
30	Eshwar Darshan K.M				
31	Likhith H K				
32	M Janani Priya				
33	Mahesh S				
34	Karuna V Divate				
35	Shresta B Bhat				

N.Nagasubba Reddy
Co-ordinator

Dr.Purushottam Bung
Professor and Director

B



Rashtriya Sikshana Samithi Trust

R V Institute of Management

CA-17, 36th Cross, 26th Main, 4th T Block, Jayanagar, Bangalore-560041

Certificate course on IT skills for 2020-22 batch MBA students - List of Participants - 1st Sem B Section

Sl no	Student Name	Signautre	Sl.No	Student name	Signature
1	Abhishek Kumar	<i>[Signature]</i>	36	Rubina Afreen	<i>[Signature]</i>
2	Aishwarva .K.M	<i>[Signature]</i>	37	Sahana .M.S	<i>[Signature]</i>
3	Aishwarya S.K	<i>[Signature]</i>	38	Samiksha .S.Shetty	<i>[Signature]</i>
4	Anusha Ragahavendra Hegde	<i>[Signature]</i>	39	Santhosh Kiran.S	<i>[Signature]</i>
5	Apoorva Raghu Rao	<i>[Signature]</i>	40	Satishkumar K Pille	<i>[Signature]</i>
6	Aravind Raj .V	<i>[Signature]</i>	41	Shetty Lavanya Shekhar	<i>[Signature]</i>
7	Bharath.C	<i>[Signature]</i>	42	Shivakumar C H	<i>[Signature]</i>
8	Divesh	<i>[Signature]</i>	43	Srilaxmi	<i>[Signature]</i>
9	Koundinya.R	<i>[Signature]</i>	44	Srushti B R	<i>[Signature]</i>
10	Kritika Shantharam Shenoy	<i>[Signature]</i>	45	Subhashini K N	<i>[Signature]</i>
11	Mahima Harish Bhat	<i>[Signature]</i>	46	Suhas H	<i>[Signature]</i>
12	Malender S Deyannavar	<i>[Signature]</i>	47	Suhas.N.K	<i>[Signature]</i>
13	Manoj.M	<i>[Signature]</i>	48	Sukannya Dalal	<i>[Signature]</i>
14	Mayur.K.S	<i>[Signature]</i>	49	Sumit Naganath	<i>[Signature]</i>
15	Meghana Vinayak Hegde	<i>[Signature]</i>	50	Suraj.G.S	<i>[Signature]</i>
16	Mishana Motesch Dsouza	<i>[Signature]</i>	51	Talwar Praveen Guddappa	<i>[Signature]</i>
17	Mohamadasadiq Kayum Mulla	<i>[Signature]</i>	52	Tejas Rohidas Bhandari	<i>[Signature]</i>
18	Neha Chidambar Kulkarni	<i>[Signature]</i>	53	Tejasvi Gangadhar	<i>[Signature]</i>
19	Nikhil .S.Kotian	<i>[Signature]</i>	54	Vinayak Golihalli	<i>[Signature]</i>
20	Nikita	<i>[Signature]</i>	55	Yashaswini V	<i>[Signature]</i>
21	Niranjani M	<i>[Signature]</i>			
22	Nisha T	<i>[Signature]</i>			
23	Phalguni.P	<i>[Signature]</i>			
24	Prarthana Upadhyaya	<i>[Signature]</i>			
25	Pratik	<i>[Signature]</i>			
26	Punitha K	<i>[Signature]</i>			
27	Rachana H. Gowda	<i>[Signature]</i>			
28	Rachana Kumari	<i>[Signature]</i>			
29	Rachana.D	<i>[Signature]</i>			
30	Raghavendra J P	<i>[Signature]</i>			
31	Rahul Mondal	<i>[Signature]</i>			
32	Rahul Yalavatti	<i>[Signature]</i>			
33	Rakesh	<i>[Signature]</i>			
34	Rakshith.S	<i>[Signature]</i>			
35	Rakshith.T.G	<i>[Signature]</i>			

[Signature]
N.Nagasubba Reddy
Co-ordinator

[Signature]
Dr.Purushottam Bung
Professor and Director



Rashtriya Sikshana Samithi Trust

R V Institute of Management

CA-17, 35th Cross, 28th Main, 4th T Block, Jayanagar, Bangalore-560041

Certificate course on IT skills for 2020-22 batch MBA students - List of Participants - 1st Sem C Section

Sl no	Student Name	Signature	Sl.No	Student name	Signature
1	A B Ganapathy		36	Shivasubramanyam S Patangi	
2	Aditya S.Shettar		37	Shree Vaishnavi Sutrave	
3	Aijaz Mujawar		38	Shruthi G	
4	Akhilshyam.K.B		39	Shruthi.R	
5	Amogha Hegde		40	Siddhanth Bahrat	
6	Anagha Hegde		41	Sindhu L Dabeer	
7	Anoop Bhargav .M		42	Sirisha.K.J	
8	Apoorva M		43	Suraj S P	
9	C.Pranathi		44	Sripoorna Indurkar	
10	Chaitanya.B.K		45	Suhas.M	
11	Chakravarthy B.M		46	Suraj.H.S	
12	Chandana T		47	Swati Vinayak Hegde	
13	Chetana S		48	Tejashree.R	
14	Chethan S		49	Tejashwini Lokapuramath	
15	Chinmay Hegde		50	Tejaswini Prasanna Hegde	
16	Dhananjay Durve		51	Tripuresh Tiwari	
17	Disha Santosh Naik		52	Trivadan M Hegde	
18	Guru Raghavendra S		53	Ullas Shripad Shet	
19	Manoj.K.B		54	Vaibhav Malaviya	
20	Mohamed Saifuddin F		55	Varsha Biradar	
21	Mohammed Mohasin Yarnal		56	Velugu Sujani Krishna	
22	Monisha.M		57	Vinay Kumar G S	
23	Mrutyunjaya Sangresakoppa		58	Vinayak Subray Bhat	
24	N Prathibha				
25	P.Rahul Singh				
26	Prarthana Singri				
27	Prashanth Y G				
28	Prateek Prabhu Ramannavar				
29	Rakshith Hegde				
30	Roshani Muthraj				
31	Sakschi Singh				
32	Sandeep H S				
33	Sharan Bandrad				
34	Shashank Y				
35	Shishir .S.Acharya				

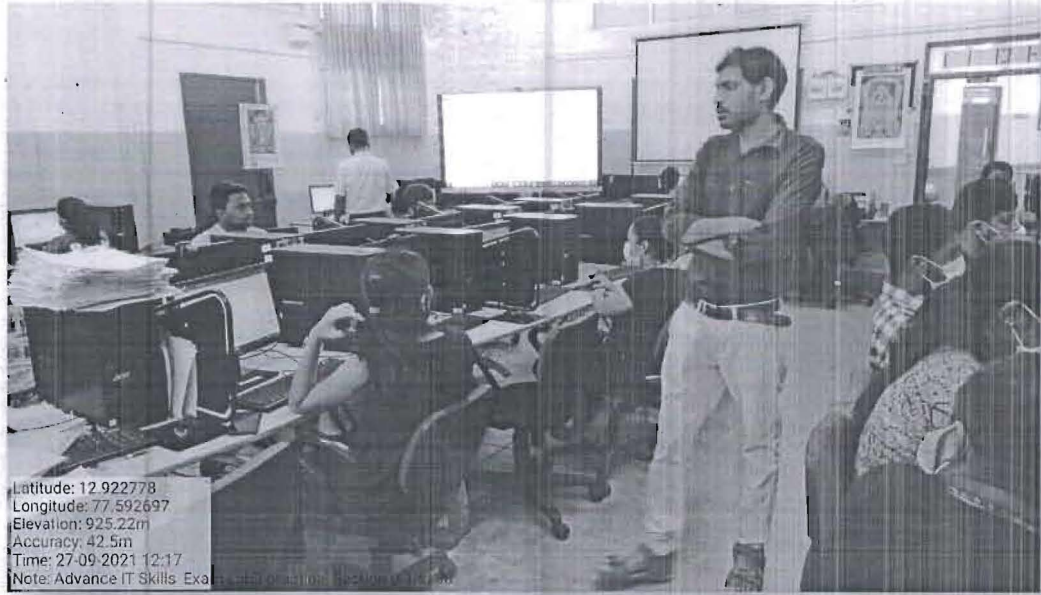
Photos



Latitude: 12.922817
Longitude: 77.59269
Elevation: 925.22m
Accuracy: 21.6m
Time: 27-09-2021 09:54
Note: Advance IT Skills Exa



Latitude: 12.922887
Longitude: 77.592902
Elevation: 925.22m
Accuracy: 39.6m
Time: 27-09-2021 09:50
Note: Advance IT Skills Exa



Latitude: 12.922778
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Elevation: 925.22m
Accuracy: 42.5m
Time: 27-09-2021 12:17
Note: Advance IT Skills Exa



Latitude: 12.922784
Longitude: 77.592691
Elevation: 925.22m
Accuracy: 22.6m
Time: 27-09-2021 15:14
Note: Advance IT Skills Exam Lab2 practical Section 9.1 to 9.4

Outcome Achieved/ Attained:

After successful completion the course the students will be able to:

CO1: Understand and apply various tools and techniques embedded in MS-Word

CO2: Understand and apply various tools and techniques embedded in MS-excel

CO3: Understand and apply various tools and techniques embedded in PowerPoint

CO4: Understand and apply various online tools for information exchange, collaborative working environment and other presentation tools.

Feedback of students on the course

Student's feedback on the course, faculty was very good. All students got practical experience in the IT Skills – (MS-Word, Basic Excel, MS-Power Point – Prezi-Canva)

N. N. Somy

Event Coordinator

[Signature]

Director





CEP	
on	
Descriptive Analytics and Data Visualization Using Tableau	
Date: 1 st Feb to 5 th Feb 2021	Venue: Zoom webinar
Time: 11 am to 1 pm	Event : Webinar
No. of Participant: 41	Event Coordinator: Dr. Santhosh M Prof. Reddy Prof Dileep Prof. Priya Jain Prof. Vandana Gablani Prof. Shreya Shankar
Objectives To gain familiarity with core data visualization concepts. To Gain an understanding on how data can be transformed by cleaning, splitting, pivoting, and merging techniques. To Discover new ways of analyzing data, through various features in-built within Tableau. To Create personalized, dynamic visualizations through parameters To Develop interactive dashboards using actions and Explore good design practices for dashboards To Learn to publish and share dashboards and manage permissions to your published data. To Understand how to establish connection with data and perform various data preparation steps for visualizing it. Get an extensive hands-on expertise on various tips and tricks with Tableau.	
Agenda/Flow of the Event 1st Feb- Introduction to Data Analytics and Data Visualization. Explanation of ETL in Tableau. 2nd Feb- Sorting and Filtering data in Tableau, Time Series Analysis, Creating Dashboards 3rd Feb- Creating Bins, Parameters in Tableau, Creating Interactive Dashboards and stories in Tableau. 4th Feb- Joins in Tableau, Data blending, Dual Axis Charts, Pareto Analysis. 5th Feb- Connecting Tableau to SQL Server and R, Group and sets, Analytics with Tableau.	
Outcome Achieved/ Attained: <ul style="list-style-type: none"> Mr. Amit on the first day of program set the pace by letting the participants know about the basic concepts of tableau. He also told the participants about data visualization and data analytics and the capabilities of data analytics. He also discussed about the different types of Tableau. On the second day Mr. Amit explained the sorting techniques and then he explained the color coding and calculated fields concept. He also took up various types of analysis description such as Time 	

series analysis, Geographical analysis, sub category analysis. Towards the end of second day's session Mr. Amit explained the concept of creating dashboards and saving the work on Tableau public.

- Third day session was about creating bins, parameters, heat maps. Mr. Amit took the bank dataset and he explained how regional analysis, gender analysis, age analysis etc. can be done on it. He ended the session by explaining the concept of interactive dashboards and story creation in tableau.

- In fourth session Mr. Amit explained JOINS and how to implement them in tableau. He also explained the concept of data blending, dual axis charts, pareto analysis, word cloud and funnel charts.

- On the last day of CEP Mr. Amit gave the insights about establishing the connection of tableau with SQL Server and R. He also explained the concepts of groups and sets in tableau. He ended the session with taking up the concepts of boxplot, clustering and fitting the trend line on charts.

Feedback & Coordinator Comment:

The entire program was very well received by all the participants. All the participants appreciated the program and were happy to have deeper knowledge and hands-on experience on visualization using Tableau.

Event Coordinator(s)

Prof. Priya Jain

Prof. Nagasubba Reddy

Prof. Dileep

Dr. Santhosh M

Prof. Shreya Shankar

Prof. Vandana Gablani

Director

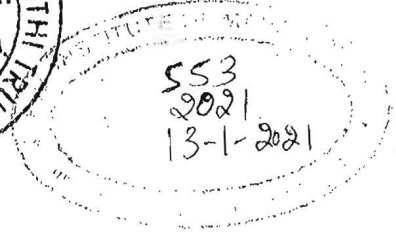
Dr. Purushottam Bung

Ref: 334/RVIM/MBA/2020-2021

From,

Date: Jan 11, 2020

Prof. Priya Jain,
Assistant Professor
Department of Finance
R V Institute of Management, Bangalore.



To
The Director
R V Institute of Management, Bangalore.

Respected Sir

Subject: Proposal to conduct 5 day online CEP on Descriptive Analytics and Data visualization using Tableau.

With reference to above subject Business Analytics team wish to conduct a **5 day CEP on Data Visualization Using Tableau** from 1st Feb to 5th Feb 2021. Resource person for the Program would be **Mr. Amit Goyal, Team Lead, Paytm, New Delhi**. Please find below the detailed budget for the program. I request you to please do the needful.

Sl. No	Details	Rs
1	Total Expenses	
1	Honorarium to Resource people and memento to the team	30000
2	Brochure , promotional expenses and others	1000
	Total expenses	31000
	We are expecting around 100 participants (50 students and 50 faculties). Through which we are going to raise Rs 35000 (50 * 200 + 50*500)	35000
	Expected net surplus	4000

For your kind consideration and approval.

Thank you

Forwarded to honorary Secy Sir, RSST

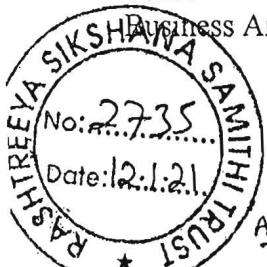
Yours sincerely

Team

Business Analytics

Total estimated expenditure is ₹. 31000.00 and we are expecting to raise revenue of ₹. 35000.00 through registrations.

For your kind consideration & approval.



Alca + PJ

Approved
12/01

13/01/2021



RV Institute of Management

Approved by AICTE
New Delhi, Accredited
by NAAC with 'A+' grade

Go, change the world



Rashtreeya Sikshana Samithi Trust

R V Institute of Management

CA 17, 36th Cross, 26th Main, 4th 'T' Block, Jayanagar, Bangalore – 560 041

Ph: 080-26547048 URL: rvim.edu.in ; Email: contact.rvim@rvei.edu.in

is Organising

**CEP
ON**

DATA VISUALIZATION USING TABLEAU



Date: 1st February to 5th February 2021

Time: 11 am to 1 pm



KEY SPEAKER

Mr. Amit Goyal

Team lead
Paytm

MODERATOR

Dr. Purushottam Bung

Professor & Director
R V Institute of Management



Registration Link: <https://forms.gle/sX6MYK5mACHhThVOA>

Payment Details

- ₹ 500 for Faculty Members / Industry persons/ Research Scholars
- ₹ 200 for students

If Bank Transfer

Name Director RV Institute of Management
Bank Name ICICI Bank, 9th Block Branch
A/C No. 029901002291
IFSC Code ICIC0000299
MICR Code 560229022

**For Google Pay/ Phone Pay/
BHIM UPI Transfer**



For further clarification please contact:

- ☎ Dr. Santhosh +91 9739945333
- ☎ Prof. Nagasubba Reddy +91 7892533601
- ☎ Prof. Priya Jain +91 9108300728
- ☎ Prof. Shreya Shankar +91 9480865702
- ✉ businessanalyst.fdp@gmail.com

E-certificates will be provided to all the registered participants

- Zoom Link will be sent to the participants through email.
- ☎ Prof. Dileep S +91 8553276869
- ☎ Prof. Vandana Gablani +91 9999642874

Brief profile of the speaker

Mr. Amit Goyal, Team Lead- Data Analytics, Paytm

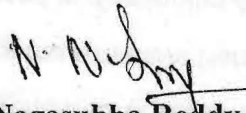



- Mr. Amit has over 10 years of experience in the Analytics and Reporting, with wide variety of experience in Business Applications in Telecom, Finance, Supply Chain ,Retail Industry and Staffing industry.
- He is experienced in Team handling, sharing feedbacks and creating training programs for new joiners.
- Mr. Goyal has extensive Hands-on experience in automation of reports using VBA.
- Experienced in developing Analytical and BI solutions for clients of various domains
- Responsible for creating proposals and POC's for new clients
- Experience in creating Dashboards using Power BI, Tableau
- Experience in statistical tools like R and SAS
- He Leads Centre of Excellence team for Visualization at The Smart Cube

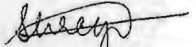
R V Institute of Management

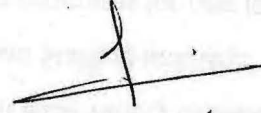
IT Orientation Programme — Time: 2.00pm – 3.30 pm

SLNO	Date	Topic	Resource person
1	18.01.2021	<ul style="list-style-type: none">• Zoom Etiquettes• Quicklrm Student Module	Prof. Vandana Gablani
2	19.01.2021	<ul style="list-style-type: none">• Google search• Qoura• How to add signature in your Email, Creating email group, Email Etiquettes• Difference between Cc and Bcc	Prof. Shreya Shankar
3	20.01.2021	<ul style="list-style-type: none">• DSPACE• EBSCO	Prof. Nagasubba Reddy
4	21.01.2021	<ul style="list-style-type: none">• Jgate Plus• Capitaline	Prof. Nagasubba Reddy


Prof. Nagasubba Reddy


Prof. Vandana Gablani

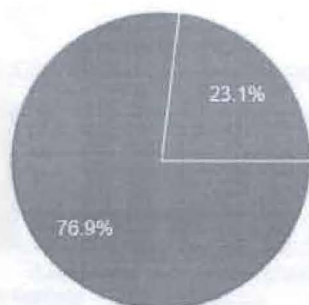

Prof. Shreya Shankar


Director

S.No	Email Address	Name	Designation	Institute / Organisation	City	State	Mobile Number
1	shivani.mehta.4296@gmail.com	Shivani Mehta	Student	University of East Anglia	Chiplun	Maharashtra	9356790885
2	somashekharic@vvce.ac.in	Dr. Somashekhar I C	Assistant Professor	Dept. of Business Administration, Vidyavardhaka College of Engineering Department of Management Studies,	MYSURU	KARNATAKA	09141306148
3	drhemapatil.vtu@gmail.com	Dr. HEMA PATIL	ASSOCIATE PROFESSOR	VTU PG Centre,	MYSURU	Karnataka	7829568999
4	priya09021999@gmail.com	Priyadarshini N	Student	Amity Global Business School	Chennai	Tamil Nadu	9444249134
5	asophiachaṇu@gmail.com	Arambam Sophia	Assistant Professor	Manipur University	Imphal	Manipur	9436225949
6	arzina20@gmail.com	ARZINA KARIM	Student	PUNE INSTITUTE OF BUSINESS MANAGEMENT Chandragupt Institute of Management	PUNE	MAHARASHTRA	7600189451
7	ranjanikumari2011@gmail.com	Ranjani Kumari	Research Scholar	Patna	Patna (Bihar)	Bihar	8877442450
8	mmeerababu@gmail.com	Meera b	Hod	Sjrc	Bengaluru	Karnataka	9916875501
9	khattarvrinda@gmail.com	Vrinda Khattar	Fellow Student	NITIE	Mumbai	Maharashtra	9833939125
10	prathimanataraj@gmail.com	Prathima V G	Assistant professor	BNM Institute of Technology	Bengaluru	Karnataka	+919845458055
11	muhmmmedmaheen@gmail.com	V Mohammed Maheen	Student	Amity Global Business School Dayananda Sagar Academy of Technology and Management	Chennai	Tamil Nadu	+919600123019
12	simhavln-mba@dsatm.edu.in	SIMHA VLN	Asst. Professor	(DSATM)	Bengaluru	Karnataka	9448855660
13	rajesh.efpm1802@gmail.com	Rajesh Gupta	Student	IIM Kashipur	Kashipur	Uttarakhand	9316457097
14	rajesh.handa@iar.ac.in	Dr.Rajesh Handa	Assistant Professor	Institute of Advanced Research	Gandhinagar	Gujarat	9924208937
15	abhaypai2919@gmail.com	ABHAY PAI	Student	RV Institute of Management	Bangalore	karnataka	7483898039
16	bhavanivishwakarma2@gmail.com	Bhavani Vishwakarma	MBA	RVIM	Bidar	Karnataka	9008927345
17	rakshithsrinivas21@gmail.com	Rakshith S	MBA student	R V institute of management	Bengaluru	Karnataka	+919480639285
18	surajap112@gmail.com	Suraj G S	Student	RVIM	Bengaluru	Karnataka	9206776421
19	shivuch2101@gmail.com	SHIVAKUMAR CH	STUDENT	RVIM	RAICHUR	KARNATAKA	9686493173
20	mishanadsouza4@gmail.com	Mishana Motesh Dsouza	Student-MBA	RVIM	Belgaum	Karnataka	7204490439
21	kabilash2014@gmail.com	Abhilash K	Student	RV institute of management	Bangalore	Karnataka	8123719887
22	kbd1979@gmail.com	Krishna Bihari Dubey	Assistant Professor	ABESIT, Ghaziabad	Ghaziabad	Uttar Pradesh	9899854103
23	HASHMI.ARSHAD80@GMAIL.COM	DR ARSHAD HASHMI	ASSISTANT PROFESSOR	FCIT IN RABIGH KING ABDULAZIZ UNIVERSITY, JEDDAH SAUDI	RABIGH	MAKKAH	9.66542E+11
24	rrgondkar@gmail.com	DR RAJU R GONDKAR	DIRECTOR	SAINT GEORGE COLLEGE OF MANAGEMENT AND SCIENCE Dayananda Sagar Academy of Technology and Management	BANGALORE	Karnataka	09341101680
25	simhavln-mba@dsatm.edu.in	SIMHA VLN	Asst. Professor	(DSATM)	Bengaluru	Karnataka	9448855660
26	rubina.muji7@gmail.com	Rubina afreen	Student	RVIM	Bangalore	Karnataka	9663696294
27	pandeypratima55@gmail.com	Dr Pratima Pandey	Associate Professor & HOD, MBA	RJS Institute of Management Studies	Bangalore	Karnataka	9620618850
28	princessfredy42@gmail.com	Fredisha K Maben	Student	RV institute of management	Uttar Kannada	Karnataka	+918971402172
29	pannagahnhedse@gmail.com	Pannaga H N	Senior associate	City union bank	Chikkamaglure	Karnataka	07204878821
30	arunachelva@gmail.com	Aruna A S	Student	REVA University	Bangalore	Karnataka	8296047330
31	gowthamkashyap2015@gmail.com	Gowtham V	Tax Associate 2	PWC	Bangalore	Karnataka	07411196322
32	pratiksinha44u@gmail.com	Pratik	Student	RV Institute of Management RV Institute of Management	BANGALORE	Karnataka	8604747823
33	timmareddy834@gmail.com	Timmareddy	Student	Bangalore	Bangalore	Karnataka	8746006146
34	chandrika14krishnan@yahoo.in	Chandrika Krishnan	Assistant Professor	BNM INSTITUTE OF TECHNOLOGY	Bangalore	Karnataka	9632684691
35	mohan@hrnetindia.com	Mohanadoss B	Consultant	HR NET CONSULTANT PVT LTD	HYDERABAD	TELANGANA	8008558574
36	anoop.mse@gmail.com	Anoop Tiwari	Research Consultant	Insight Development Consulting Group	New Delhi	Delhi	9650387090
37	mrichardMTECH2020@ced.alliance.edu.in	Richard Martin	Student	Alliance University	Bangalore	Karnataka	9886543524
38	rachanahgowda1998@gmail.com	Rachana H Gowda	Student	RVIM	Shimoga	Karnataka	837371816
39	aishwaryasham12@gmail.com	Aishwarya.s.k	student	RVIM	Bangalore	karnataka	8494953292
40	rahulpyalavatti@gmail.com	Rahul Yalavatti	Student	R V Institute of Management	Bangalore	Karnataka	9482894792

Knowledge provided by the resource person was helpful

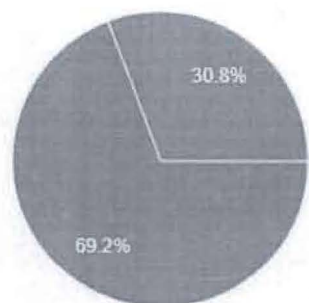
26 responses



- Strongly Agree
- Agree
- Neutral
- Disagree

CEP was well organized:

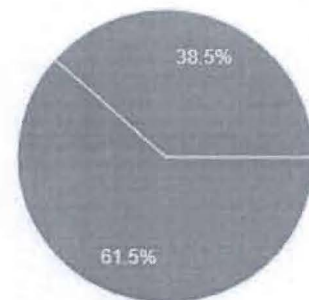
26 responses



- Strongly Agree
- Agree
- Neutral
- Disagree

CEP helped me to enhance my knowledge on the topic

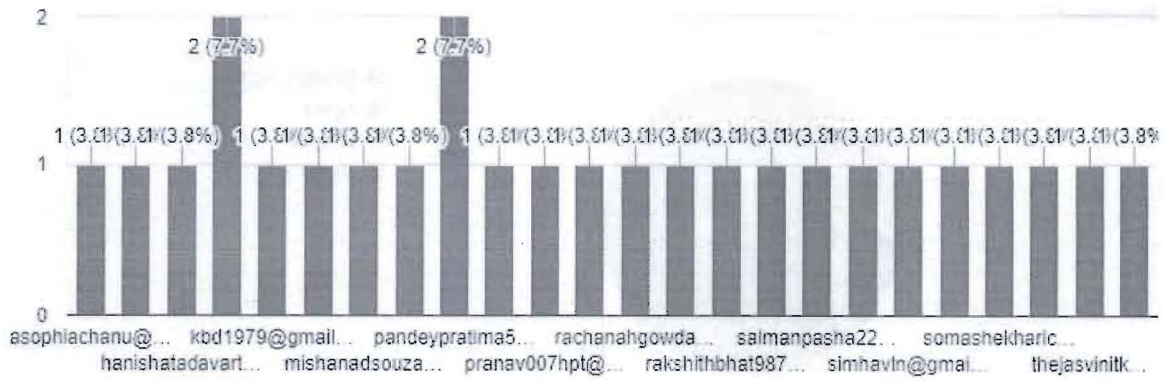
26 responses



- Strongly Agree
- Agree
- Neutral
- Disagree

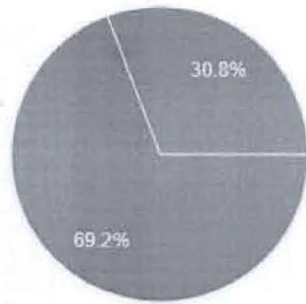
Email id

26 responses



The information or skills presented were relevant and useful:

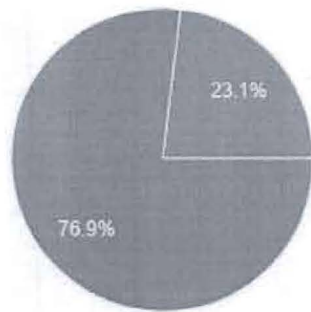
26 responses



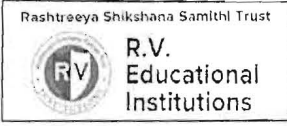
- Strongly Agree
- Agree
- Neutral
- Disagree

The presenter(s) provided adequate time for questions and answered them satisfactorily:

26 responses



- Strongly Agree
- Agree
- Neutral
- Disagree



Director RVIM <director.rvim@rvei.edu.in>

Soft Sent @ 3.11 PM on 6/2/21

appreciation

1 message

Pratima Pandey <pandeypratima55@gmail.com>
To: director.rvim@rvei.edu.in

6 February 2021 at 12:08

Sir,
Very informative session. Kindly conduct this type of CEP in future also.

Regards,
Dr Pratima Pandey
Associate Professor
RJS Institute of Management Studies
Koramangala, Bangalore

Pratima / Vandana
For secretary
D.
6/2



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R V Institute of Management

CA 17, 36th Cross, 26th Main, 4th 'T'Block, Jayanagar, Bangalore – 560 041
Ph: 080-26547048 Fax: 26654920; URL: rvim.edu.in Email: contact.rvim@rvei.edu.in



E-CERTIFICATE

This is to certify,

N.Nagasubba Reddy

has successfully participated in the CEP on “**Descriptive Analytics and Data Visualization Using Tableau**” held by R V Institute of Management, Bangalore from 1st to 5th February, 2021.

Dr. Purushottam Bung
Professor and Director
R V Institute of Management



REPORT ON ENGLISH LAB

Report on English Lab

Date: 12th June'21 to 19th June'21

Venue: RV Institute of Management

Online Mode

Time: 11.00 to 1.00

Faculty In-Charge: Prof. Uma Sharma

Brief Profile of the Person:

Ms. Darpana Singh, MBA in Marketing from Vijayanagar Institute of Management Studies. Executive at National Institute of Sales, Bellary. 9 years with HSBC and worked across six departments which includes, Customer Relationship Management, Merchant banking, Installs, Frontline helpdesk, Global Banking and Markets- Credit Risk (Internal Monitoring and Control), KYC – Anti-Money Laundering (Remediation Team). A certified trainer from the British Council.

About the English Communication Sessions:

English Communication classes are conducted as part of the training sessions in the first year of MBA Program. The classes are scheduled for a duration of 2hrs every week. The classes provide the students training on spoken english, listening skills and grammar.

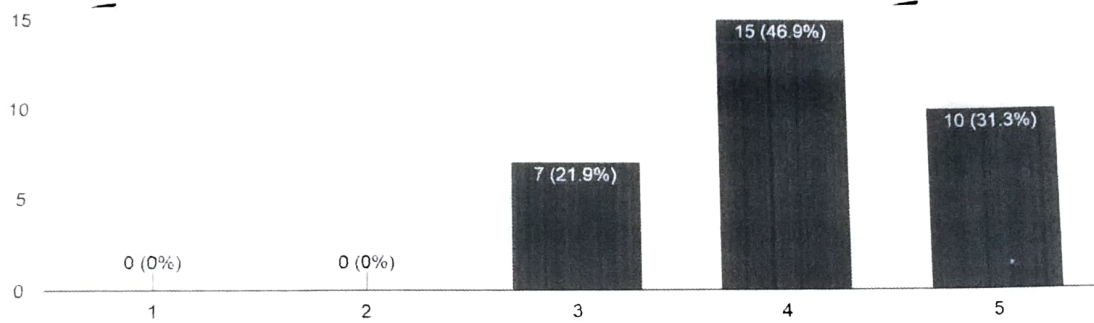
Details of the Classes: Trainer Ms. Darpana Singh conducted the training on English communication on the following topics as given below

Date	Topic	Material Used	Zoomlink of the session
12/06/21	Introduction and grammar for written english		https://us02web.zoom.us/j/5607105207?pwd=NnZlaTZKbDcvZytTU0hqblHVXZlJmUT09 Class Recording https://drive.google.com/file/d/1h4DIR5inrupfLUgfnAzGa2M04vWJbBg/view?usp=sharing
19/06/21	Vocabulary-proper use of words.	https://www.bbc.co.uk/learning/english/english/course/intermediate/unit-1/session-2	https://us02web.zoom.us/j/5607105207?pwd=NnZlaTZKbDcvZytTU0hqblHVXZlJmUT09 Class Recording: https://drive.google.com/file/d/18K0Mi9IK1CNEHBEyeDpebwTd_r4CSHnVs/view?usp=sharing

Student Feedback of the Session

Rate the trainers Ms. Darpana Singh sessions on content delivered

32 responses



Faculty In-charge
Uma Sharma

Director
RVIM