



Shri Vaishnav Vidyapeeth Vishwavidyalaya, Indore

MBAI202 RESEARCH METHODOLOGY.

| SUBJECT CODE | SUBJECT NAME | TEACHING & EVALUATION SCHEME | | | | | | | | |
|--------------|----------------------|------------------------------|---------------|-------------|-------------------------|-------------|---|---------|---|---|
| | | THEORY | | | PRACTICAL | | | CREDITS | | |
| | | END SEM University Exam | Two Term Exam | Assessment* | END SEM University Exam | Assessment* | L | | T | P |
| MBAI202 | Research Methodology | 60 | 20 | 20 | - | - | 4 | - | - | 4 |

Legends: L - Lecture; T - Tutorial/Teacher Guided Student Activity; P - Practical; C - Credit;

*Teacher Assessment shall be based on following components: Quiz/Assignment/ Project/Participation in Class, given that no component shall exceed more than 10 marks.

Course Objectives

The primary objective of this course is to develop a research orientation among the scholars and to acquaint them with fundamentals of research methods. It will equip the students with the concept and methods of Business Research.

Course Outcomes

1. The course offers a systematic package into the theoretical as well as practical aspects of conducting research.
2. Demonstrate understanding of research methodology.
3. Apply the statistical concepts in business research.
4. Validate statistical statements relating to business research.

COURSE CONTENT

Unit I: Business Research

1. An overview: Research process
2. Types of Research - Exploratory Research, Descriptive Research, Causal Research, Analytical Research
3. Problem formulation, Management problem v/s. Research problem
4. Approaches to Research
5. Importance of literature review
6. Business Research Design: Steps involved in a research design

Unit II: Sampling and Data Collection

1. Sampling and sampling distribution: Meaning, Steps in Sampling process
2. Types of Sampling - Probability and Non probability Sampling Techniques
3. Data collection: Primary and Secondary data - Sources - Advantages/Disadvantages

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4. Data collection Methods: Observations, Survey, Interview and Questionnaire design, Qualitative Techniques of data collection.

Unit III: Measurement and Scaling Techniques

1. Nominal Scale, Ordinal Scale, Interval Scale, Ratio Scale, Criteria for good measurement
2. Attitude measurement – Likert's Scale, Semantic Differential Scale, Thurstone-equal appearing interval scale

Unit IV: Statistical Tools for Data Analysis

1. Measures of central tendency - Mean, Median, Mode, Quartiles, Deciles and Percentiles
2. Measures of Dispersion: Standard Deviation – Variance – Coefficient of Variance, Skewness
3. Correlation - Karl Pearson's coefficient of Correlation, Rank Correlation
4. Regression: Method of Least Squares
5. Formulation of hypothesis
6. Testing of hypothesis
7. Type I and Type II Errors.
8. Parametric tests: Z-Test, t-test, F-test, Analysis of Variance – One-Way and Two-way
9. Non parametric tests - Chi-Square test

Unit V: Report writing

1. Reporting Research
2. Types of reports
3. Characteristics of a research report

Suggested Readings

1. Malhotra Naresh K. (2008). *Marketing Research*. Pearson publishers, Latest Edition.
2. Zikmund, Babin, Carr, Griffin (2003). *Business Research Methods*. Cengage Learning, India, Latest Edition.
3. Cooper Donald R and Schindler Pamela S. (2006). *Business Research: Methods*. McGraw-Hill Education, Latest Edition.
4. Anderson, Sweeney, William, Cam (2014). *Statistics for Business and Economics*. Cengage Learning, Latest Edition.
5. Krishnaswami O. R., Ranganatham M. (2011). *Methodology of Research in Social Sciences*. Himalaya Publishing House, Latest Edition.
6. Levin and Rubin (2008). *Statistics for Management*. Dorling Kindersley Pvt Ltd, Latest Edition.
7. Sekaran Ume (2003). *Research Methods for Business*. Wiley India, Latest Edition.
8. Gupta S. P. (2014). *Statistical Methods*. Sultan Chand and Sons, Latest Edition.
9. Aczel and Sounderpandian (2008). *Complete Business Statistics*. Tata-McGraw Hill, Latest Edition.
10. Kothari C. R. (2004). *Research Methodology*. Vishwa Prakashan, Latest Edition.

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III Semester

MBA 301C HUMAN VALUES AND PROFESSIONAL ETHICS

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|--------------|--------------------------------------|------------------------------|---------------|------------------|-------------------------|------------------|---|---|---|---|---------|
| | | THEORY | | | PRACTICAL | | | L | T | P | CREDITS |
| | | END SEM University Exam | Two Term Exam | Teachers Assesme | END SEM University Exam | Teachers Assesme | | | | | |
| MBAI301C | Human Values and Professional Ethics | 60 | 20 | 20 | - | - | 4 | - | - | 4 | |

Legends: L - Lecture; T - Tutorial/Teacher Guided Student Activity; P - Practical; C - Credit;
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Course Objective

The objective of the course is to disseminate the theory and practice of moral code of conduct and familiarize the students with the concepts of "right" and "good" in individual, social and professional context

Course Outcomes

1. Help the students to understand right conduct in life.
2. To equip students with understanding of the ethical philosophies, principles, models that directly and indirectly affect personal and professional life.

COURSE CONTENT

Unit I: Inculcating Values at Workplace

1. Values: Concept, Sources, Essence
2. Classification of Values.
3. Values in Indian Culture and Management: Four False Views, Value Tree
4. Eastern and Western Values; Values for Global Managers

Unit II: Professional Ethics

1. Ethics: Concept, Five P's of Ethical Power, Organisational Tools to Cultivate Ethics
2. Theories of Ethics: Teleological and Deontological
3. Benefits of Managing Ethics in an Organisation
4. Ethical Leadership

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Unit III: Indian Ethos and Management Style

1. Indian Ethos and Workplace
2. Emerging Managerial Practices
3. Ethical Considerations in Decision Making and Indian Management Model
4. Core Strategies in Indian Wisdom and Ethical Constraints

Unit IV: Human Behavior – Indian Thoughts

1. Guna Theory
2. Sanskara Theory
3. Nishkama Karma
4. Yoga: Types, Gains; Stress and Yoga

Unit V: Spirituality and Corporate World

1. Spirituality: Concept, Paths to Spirituality
2. Instruments to achieve spirituality
3. Vedantic Approach to Spiritual and Ethical Development
4. Indian Spiritual Tradition.

Suggested Readings

1. Kausahl, Shyam L. (2006). *Business Ethics – Concepts, Crisis and Solutions*. New Delhi: Deep and Deep Publications Pvt. Limited
2. Murthy, C.S.V. (2012). *Business Ethics –Text and Cases*. Himalaya Publishing House: Mumbai
3. Chakraborty, S. K. (1999). *Values and Ethics for Organizations*. Oxford university press
4. D.Senthil Kumar and A. Senthil Rajan (2008). *Business Ethics and Values*. Himalaya Publishing House: Mumbai

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Name of Program M.TECH (Textile Engineering)

| SUBJECT CODE | CATEGORY | SUBJECT NAME | TEACHING & EVALUATION SCHEME | | | | | | | | |
|--------------|----------|--------------------------|------------------------------|---------------|----------------------|-------------------------|----------------------|---|---|----|---------|
| | | | THEORY | | | PRACTICAL | | L | T | P | CREDITS |
| | | | END SEM University Exam | Two Term Exam | Teachers Assessment* | END SEM University Exam | Teachers Assessment* | | | | |
| MTTX301 | CDS | DISSERTATION (PART - I) | 0 | 0 | 0 | 240 | 160 | 0 | 0 | 20 | 10 |

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***Teacher Assessment** shall be based following components: Quiz/Assignment/ Project/Participation in Class, given that no component shall exceed more than 10 marks.

Course Educational Objectives (CEOs):

1. Course will exposed the students to the method of the starting the research work through literature review and analysis of a particular problem.
2. Course will provide the students about the latest instrument and machinery in the institute lab, various research lab and industry..

Course Outcomes (COs):

Students will be able:

1. Apply the knowledge to study a particular problem
2. Analyse and solve the problem coming during their research work.
3. To create a aptitude for a research work

Course Contents:

Each student will work in the institute lab / outside research / industry institute to study and conduct their research work.

The student may work thoroughly on the literature review and try to understand the problem

The student may start their project work to a particular project under the guidance of the faulty guide allotted to them.

Each student has to give three power point presentation during the semester in front of the senior faculty members and research scholars.

At the end of the semester each student will be required to submit a report of their work done during the semester which will be assessed by their guide for the internal valuation. The student are also required to appear in the end sem exam.

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