# COURSE OUTLINES BBA SEM 3 202100DSEM 2021-22

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## 19B11BAF13: COST AND MANAGEMENT ACCOUNTING

**BBA-Semester- 3 (2020-23 Batch)** 

### **Course Outline**

Course Credit : 4

Learning Facilitator : Mr. S. Balasubramaniam

Target learners : BBA (2020-23 Batch), Semester 3
Faculty Office : Arya Bhatt Bhawan II, Fourth Floor
PHONE : 0120 - 2400974 EXT 482
EMAIL ID : sweta.goel@jiit.ac.in

#### 1. Course Introduction

The course aims at giving an overview of the various aspects of the cost and management accounting. It will also familiarize the students with various concepts and methods involved in cost ascertainment systems, and use of costing data for planning, decision making and control.

#### 2. Course Objectives

- To understand the terminology, importance and scope of cost and management accounting
- To acquaint students with the basic and advance concepts of cost and management accounting and various methods involved in cost ascertainment systems
- To familiarize students with the cost and management accounting tools and techniques that provides the basis for making sound financial decisions

#### 3. Course Outcomes (CO)

At the end of the course, the students will be able to:

| CO Code | Description                          | BTL | PO1  | PO2  | PO3  | PO4  | PO5  |
|---------|--------------------------------------|-----|------|------|------|------|------|
|         | Understand concepts of cost and      | 2   | 2    | 2    | 2    | 2    | 2    |
| C110.1  | management accounting.               | 2   | 3    | 3    | 2    | 2    | 2    |
|         | Utilize the concepts of cost and     |     |      |      |      |      |      |
|         | management accounting for            | 3   | 3    | 3    | 2    | 2    | 2    |
| C110.2  | organizational decisions.            |     |      |      |      |      |      |
|         | Appraise management accounting tools |     |      |      |      |      |      |
|         | and techniques to solve complex      | 5   | 3    | 3    | 3    | 3    | 2    |
| C110.3  | management problems                  |     |      |      |      |      |      |
| C110    | Average                              |     | 3.00 | 3.00 | 2.00 | 2.00 | 2.00 |

#### 4. Pedagogy:

The course is divided into modules which together provide various dimensions of use of information for analysis and decision making across an organization. Case analysis is an important pedagogical tool used for this course.

#### 5. Text Book:

"Management Accounting: Text, Problems and Cases" by Khan and Jain, Mc Graw Hill Education

#### 6. Additional Readings and References:

- a. "Cost and Management Accounting" by S.N. Maheshwari- Sultan Chand & Sons
- b. "Management and Cost Accounting" by colin Drury, 6e Cengage Publication

#### 7. Evaluation Components:

| Sl. No. | Component       | Weightage = % | Tentative week of completion   |  |  |  |
|---------|-----------------|---------------|--------------------------------|--|--|--|
| 1       | Teacher's       | 25%           | Quiz, Test, Assignments, Class |  |  |  |
|         | Assessment (TA) |               | Participations etc.            |  |  |  |
| 2       | T1              | 20%           | 4 <sup>th</sup> Week           |  |  |  |
| 3       | T2              | 20%           | 8 <sup>th</sup> Week           |  |  |  |
| 4       | T3              | 35%           | 14 <sup>th</sup> Week          |  |  |  |

#### **7.1 Quiz**

There will be two class quizzes/tests of 10 marks each. The average of quizzes/test will be considered for the purpose of evaluation against teacher's assessment component. The quizzes/test will be conducted at the end of 4th and 9th week.

#### 7.2 Assignments

Students would be evaluated on their understanding of the concepts discussed in the class and the applications in real world.

#### 7.3 Term 1 Test (20%)

Term 1 Exam will be based on class discussion, lectures, power points and assigned chapters in the textbook. This will be a 'closed book' descriptive and problem-solving questions-based exam on concepts and application. No class notes, textbook or help-sheets should be in your possession or accessed illegally during the exam. Any violation will result in disciplinary action.

#### 7.4 Term 2 Test (20%)

Term 2 Exam will be based on class discussion, lectures, power points and assigned chapters in the textbook. This will be a 'closed book' descriptive and problem-solving questions-based exam on concepts and application. No class notes, textbook or help-sheets should be in your possession or accessed illegally during the exam. Any violation will result in disciplinary action.

#### **7.5 End Term Test (35%)**

End Term Test will be at the end of the semester and will cover the entire course. This will also be a 'closed book' test based on conceptual and application based real life questions/ problem(s)/ Case(s).

No class notes, textbook or help-sheets should be in your possession or accessed illegally during the test. Any violation will result in disciplinary action.

# 8. Session Plan

| Session | Name of the module   | Lecture Topic   | Text<br>Book<br>Chapter | Cases/Activities/<br>Exercises/MOOC<br>/Online<br>resources/Videos                        |
|---------|--|---|-------------------------|---|
| 1-6     | Module 1:<br>Introduction to<br>Cost<br>and Management<br>Accounting | Introduction to Cost Accounting, Management Accounting vs. Financial Accounting, Relationship between Cost Accounting and   |                         | Review questions<br>and case study  |
| 7-11    | Module 1:<br>Introduction to<br>Cost<br>and Management<br>Accounting | Classification of Costs, Types of costing, Methods of costing, Cost Ascertainment, Concept of Cost Sheet, Cost sheet: features and format   | Chapter 1               | Review questions<br>and case lets   |
| 12-18   | Module 2: Cost<br>Volume Profit<br>(CVP) Analysis                    | Introduction to Cost Volume Profit Analysis, Break<br>Even Point, Contribution, Profit Volume Ratio, Margin<br>of safety  | Chapter<br>16           | Unsolved problems: 2, 11 - 13.  Case problem: 16.1  |
| 19-22   | Module 2: Cost<br>Volume Profit<br>(CVP) Analysis                    | Break even Analysis, Algebraic Method, Graphical<br>Presentation, Break - even Application, Relevant Costs<br>and Decision Making   | Chapter<br>16           | Unsolved problems: 15-21  Case problem: 16.3  |
| 23-28   | Module 3: Budgets<br>and Budgetary<br>Control                        | Budgets and Budgetary control, Concept of planning process, Concept of Budget and its purpose   | Chapter<br>17           | Solved problems: 1-6  |
| 29-32   | Module 3: Budgets<br>and Budgetary<br>Control                        | Types of Budgets: operating and financial budgets,<br>Steps in Budgetary Control, Fixed and Flexible<br>Budgeting, Cash Budget  | Chapter<br>17           | Unsolved problems: 13-16  Case problem: 17.1  |
| 33-42   | Module 4: Standard<br>Costing and<br>Variance Analysis               | Meaning of Standard Cost and Standard Costing,<br>Advantages, Limitations and Applications; Material,<br>Labour, Overhead and Sales variances. Introduction to<br>Target Costing, Life Cycle Costing, Quality Costing,<br>and Activity based Costing. | Chapter<br>18 and<br>19 | Solved problems:<br>2-4 (chapter 18)<br>Solved problems:<br>4-10 (chapter 19)<br>Case let |

Course Coordinator: Dr. Sweta Goel Date: October, 2021



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# 19B11BGM20: Entrepreneurial Development BBA III Semester Odd Semester, 2021

#### **Course Outline**

Course Credit : 3

Learning Facilitator : Dr. S. Suresh

Target learners : BBA Summer Semester
Learning Days : As per time schedule

Learning time : As per time schedule
Learning Rooms : As per time schedule

Faculty Office : Arya Bhatt Bhawan II, Fourth Floor

Meeting Time : Tuesday and Thursday between 3-5pm

Phone : 0120 - 2400974 Ext 484 Email ID : s.suresh@jiit.ac.in

#### 1. Course Introduction

This course aims to provide students with an understanding of entrepreneurship and introduces the role of the entrepreneur, innovation in the entrepreneurial process. The course content is relevant to those individuals thinking about starting a business or who are already in business - large or small, those who are interested in commercialising their own innovations or of others, and those who advise entrepreneurs or engage in policy making in the entrepreneurship area.

#### 2. Course Objective

To familiarize the participants with the basic concepts, tools, techniques and skills required to have an understanding of the Entrepreneurial Process and Innovation.

#### 3. Course Outcomes

| CODE   | COURSE OBJECTIVES  | BLOOM'S<br>LEVEL |
|--------|--|------------------|
| C111.1 | Understand the basics aspects of establishing new business in competitive environment. | 2                |
| C111.2 | Apply the basic understanding of entrepreneurship to the existing business ventures.   | 3                |
| C111.3 | Evaluate entrepreneurship opportunities in the environment.                            | 5                |

#### 4. Pedagogy

The course will be taught through interactive lectures and case discussions.

#### 5. Text Book

Introduction to Entrepreneurship, Donald F Kuratko, 8E

#### 6. Additional Readings and References

- Fundamentals of Entrepreneurship, O.P. Gupta
- Entrepreneurship Development, D. Keswani, N. Vivek
- Entrepreneurial Development, S. S. Khanka

#### 7. Evaluation Details:

| Sl. No. | Component     | Weightage (%) | Tentative date of completion |
|---------|---------------|---------------|------------------------------|
| 1       | Quiz          | 10%           | 15/09/2021                   |
| 2       | Project       | 15%           | 30/10/2021                   |
| 3       | T1-Test       | 20%           | As per Schedule              |
| 4       | T2-Test       | 20%           | As per Schedule              |
| 5       | End Term Test | 40%           | As per Schedule              |

#### 7.1 Quizzes (10%)

Quiz will be administered on all pre announced chapters covered from the text book thrice during the term.

#### 7.2 Project (15%)

Project will be assigned to a small group of students. Students will have to choose a project in consultation with the instructor.

#### 7.3 T1-Exam (20%)

T1-Exam will be based on class discussion, lectures, power points and assigned chapters in the textbook. This will be a 'closed book' exam based on concepts and application. No class notes, textbook or help-sheets should be in your possession or accessed illegally during the exam. Any violation will result in disciplinary action.

#### 7.4 T2-Exam (20%)

T2-Exam will be based on class discussion, lectures, power points and assigned chapters in the textbook. This will be a 'closed book' exam based on concepts and application. No class notes, textbook or help-sheets should be in your possession or accessed illegally during the exam. Any violation will result in disciplinary action.

**7.5 End Term Exam** (35%) End Term Exam will be at the end of the trimester and will cover the entire course. This will also be a 'closed book' exam based on conceptual and application based real life questions/ problem(s)/ Case(s). No class notes, textbook or help-sheets should be in your possession or accessed illegally during the exam. Any violation will result in disciplinary action.

## 8. Session Plan

| S. No. | Торіс   | Textbook<br>Chapter | Exercise   |  |
|--------|---|---------------------|--|--|
| 1to3   | <ul> <li>INTRODUCTION TO ENTREPRENEURSHIP</li> <li>Historical development of Entrepreneurship</li> <li>Major schools of Entrepreneurial thought</li> <li>Approaches to the Study of Entrepreneurship</li> <li>Illustration of today's Entrepreneurial Environment</li> </ul>              | Chapter 1           | Case Study   |  |
| 4to6   | <ul> <li>INDIVIDUAL ENTREPRENEURIAL MIND-SET</li> <li>Profiling the entrepreneurial mind-set</li> <li>Different types of risk entrepreneurs face</li> <li>Major causes of stress for these individuals and the ways they can handle stress</li> <li>Entrepreneurial Motivation</li> </ul> | Chapter 2           | Discussion on<br>Successful<br>Entrepreneurs       |  |
| 7&9    | <ul> <li>CORPORATE ENTREPRENEURIAL MIND-SET</li> <li>Defining "Corporate Entrepreneurship"</li> <li>Corporate obstacles preventing innovation</li> <li>Corporate Entrepreneurial strategy</li> <li>Methods of developing managers for corporate entrepreneurship</li> </ul>               | Chapter 3           | Case Study   |  |
| 10&12  | THE SOCIAL AND ETHICAL PERSPECTIVES OF ENTREPRENEURSHIP  Concept of "Social Entrepreneurship"  Challenges of Social Enterprise  Ethics in a conceptual framework for a dynamic environment  Entrepreneurial ethical leadership  | Chapter 4           | Discussion on<br>Ethics and<br>Entrepreneurship    |  |
| 13&15  | <ul> <li>CREATIVITY AND INNOVATION</li> <li>Opportunity identification process</li> <li>illustrate the sources of innovative ideas for entrepreneurs</li> <li>Role of creativity and major components of the creative process</li> <li>Developing personal creativity</li> </ul>          | Chapter 5           | Case Study   |  |
| 16&18  | <ul> <li>METHODS TO INITIATE VENTURES</li> <li>Major pathways and structures for entrepreneurial ventures.</li> <li>Factors involved in creating a new venture</li> <li>Elements involved in acquiring an established venture</li> <li>Franchise and its structure</li> </ul>             | Chapter 6           | Discussion on<br>Finance and<br>Entrepreneurship   |  |
| 22&24  | <ul> <li>SEARCH FOR ENTREPRENEURIAL VENTURES</li> <li>Debt and equity as methods of financing</li> <li>Commercial loans and public stock offerings as sources of capital</li> <li>Private placements as an opportunity for equity capital</li> <li>Market for venture capital</li> </ul>  | Chapter 8           | Discussion on<br>Funding of new<br>ventures        |  |
| 25&27  | <ul> <li>ASSESSMENT OF ENTREPRENEURIAL OPPORTUNITIES</li> <li>Challenge of new-venture start-ups</li> <li>Critical factors involved in new-venture development</li> <li>Factors that underlie venture success</li> <li>Evaluation process</li> </ul>                                      | Chapter 9           | Case Study   |  |
| 28&30  | <ul> <li>MARKETING ASPECTS OF NEW VENTURES</li> <li>Marketing research for new ventures</li> <li>Digital marketing for entrepreneurial firms</li> <li>Marketing concept: philosophy, segmentation, and consumer orientation</li> <li>Areas vital to a marketing plan</li> </ul>           | Chapter 10          | Discussion on<br>Marketing and<br>Entrepreneurship |  |

| 31&33  | FINANCIAL STATEMENTS IN NEW VENTURES  |            |                  |
|--------|---|------------|------------------|
|        | <ul> <li>Principal financial statements needed for any entrepreneurial</li> </ul>               | Chapter    |                  |
|        | venture   | 11         | Case Study       |
|        | <ul> <li>Preparing an operating budget</li> </ul>   |            |                  |
|        | Nature of cash flow   |            |                  |
|        | Capital budgeting for decision-making process   |            |                  |
| 34     | BUSINESS PLAN PREPARATION FOR   |            |                  |
| &36    | NEW VENTURES  | Chapter    | Discussion on    |
|        | <ul> <li>Defining a Business Plan</li> </ul>  | 12         | New              |
|        | <ul> <li>Planning pitfalls that plague new ventures</li> </ul>                                  |            | Business Plans   |
|        | <ul> <li>Coordinating the business plan segments</li> </ul>                                     |            |                  |
|        | <ul> <li>Recommendations by venture capital experts</li> </ul>                                  |            |                  |
| 37&39  | STRATEGIC GROWTH IN ENTREPRENEURSHIP  |            |                  |
| 310039 | Strategic glanning for an entrepreneurial venture   |            | Case Study       |
|        | Benefits of strategic planning  | Chapter    | Cuse Study       |
|        | <ul> <li>Five stages of a typical venture life cycle</li> </ul>                                 | 13         |                  |
|        | <ul> <li>Elements involved with an entrepreneurial firm</li> </ul>                              |            |                  |
|        | 2 Elements involved with all entrepreneural firm  |            |                  |
| 40&41  | VALUATION CHALLENGE OF ENTREPRENEURSHIP   |            |                  |
|        | <ul> <li>Importance of valuation</li> </ul>   | Chapter    | Discussion on    |
|        | <ul> <li>Underlying issues involved in the acquisition process</li> </ul>                       | 14         | Ethics and       |
|        | • To present the major points to consider when establishing a firm's                            |            | Entrepreneurship |
|        | value   |            |                  |
|        | To highlight the available methods of valuing a venture   |            |                  |
| 42     | HARVEST OF A NEW VENTURE  |            |                  |
|        | <ul> <li>Concept of "harvest" as a plan for the future.</li> </ul>                              |            |                  |
|        | <ul> <li>Key factors in the management succession of a venture.</li> </ul>                      |            | Case Study       |
|        | <ul> <li>Potential impact of recent legislation on family business</li> </ul>                   | Chapter    |                  |
|        | succession  | 15         |                  |
|        | <ul> <li>Ways to develop a succession strategy</li> </ul>                                       |            |                  |
| 43     | ENTREPRENEURSHIP: THE INDIA WAY   |            |                  |
| .5     | Perspective on Indian Entrepreneurs and Entrepreneurship  | Chapter    | Case Study       |
|        | Highlights of Business Persons making a Global Highlights                                       | <b>1</b> 6 | ,                |
|        | Modern Entrepreneurs in Different Sectors   |            |                  |
|        | Institutions involved in Developing Entrepreneurs   |            |                  |
|        |   |            |                  |
|        |   |            |                  |
| 4.4    | TECHNOLOGICAL CHANGES AND ENTERED TO THE SAME   | 0.11       | 7.1              |
| 44     | TECHNOLOGICAL CHANGES AND ENTREPRENERURSHIP   | Online     | Industry         |
|        | Importance of Technology in Entrepreneurship  Application of Technology in Entrepreneurship     | Sources    | Examples         |
|        | Application of Technology in Entrepreneurship     Bolo of Technology in Social Entrepreneurship |            |                  |
|        | Role of Technology in Social Entrepreneurship   |            |                  |
| 45     | INTERNATIONAL ENTREPRENEURSHIP  | Online     | Industry         |
|        | Opportunities in International Entrepreneurship   | Sources    | Examples         |
|        | Characteristics of International Entrepreneurship   |            | _                |
|        | <ul> <li>International Entrepreneurship in Post Covid World</li> </ul>                          |            |                  |

Course Coordinator: Dr. S. Suresh

Date: October, 2021



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# 19B11BHR12: Human Resource Management Semester III September 2021 – December 2021

#### **Course Outline**

Course Credit : 4

Learning Facilitator : Prof. S. S. Khanka Target learners : BBA (2020-23) BBA

Learning Days : As per schedule Learning time : As per schedule Learning Rooms : As per schedule

Faculty Office : Arya Bhatt Bhawan II, 3rd Floor

Meeting Time : Monday-Tuesday, 3-5 Pm

Course Coordinators : Prof. S. S. Khanka, Dr. Charu Sijoria, Dr. Shakshi Singhal

Phone :

Email ID : guest13.jbs@mail.jiit.ac.in charu.sijoria@mail.jiit.ac.in

shakshi.singhal@mail.jiit.ac.in

#### 1. Course Objective

- Understand the importance of managing employees in emerging contexts.
- Understand the concepts of HR planning, Job evaluation and compensation analysis.
- Understand the process of recruitment, selection, training and career development.

#### 2. Course Outcome:

| CO<br>CODE | Course Outcome   | BTL  | PO1 | PO2 | PO3 | PO4 | PO5 |
|------------|--|------|-----|-----|-----|-----|-----|
| C114.1     | Understand the concepts<br>of Human Resource<br>Management | BTL2 | 3   | 3   | 2   | 1   | 2   |
| C114.2     | Apply the concepts for effective management of people      |      | 3   | 3   | 2   | 1   | 2   |

| C114.3 | Analyze the challenges for better employee performance | BTL4 | 3 | 3 | 3 | 1 | 2 |
|--------|--|------|---|---|---|---|---|
| C114   | AVERAGE  |      | 3 | 3 | 2 | 1 | 2 |

#### 3. Pedagogy

The course is divided into modules which together provide various dimensions of HRM. Case analysis is an important pedagogical tool used for this course. The course will be taught through 42 lectures

#### 4. Text Book:

- 1. K. Aswathappa: Human Resource Management, McGraw Hill
- 2. Basak, S. P. (2017. Human Resource Management: Text & Cases. New Delhi: Pearson
- 3. Rao, S. (2014). Essentials of Human Resource Management & Industrial Management: Text & Cases. New Delhi: Himalaya Publication.
- 4. Armstrong, M. (2010). Handbook of HRM Practice. USA: Kogan Page.
- 5. Dessler, G. (2010). Human Resource Management. New Delhi: Prentice-Hall.
- 6. Robbins, D. A. (2010). Fundamentals of Human Resource Management. New Delhi: Wiley.

#### 5. Additional Readings and References:

R. Wayne Mondy and Rober M. Noe (2017). Human Resource Management. Pearson.

#### 6. Evaluation Details:

| Sl.<br>No. | Component                 | Weightage (%) | Tentative week of completion                          |
|------------|---------------------------|---------------|---|
| 1          | Teacher's Assessment (TA) | 25%           | Quiz, Test, Assignments, Class<br>Participations etc. |
| 2          | T1                        | 20%           | 4 <sup>th</sup> Week                                  |
| 3          | T2                        | 20%           | 8 <sup>th</sup> Week                                  |
| 4          | T3                        | 35%           | 14 <sup>th</sup> Week                                 |

#### 7.1 Case study Analysis (10%)

There will be small cases given to the students within the class for analysis. The analysis will be conducted at the end of the 12<sup>th</sup> week.

#### 7.2 Classroom presentation, project work (10%)

#### 7.3 Quiz: Class quiz based on the course curriculum will be conducted. (5%)

#### 7.4 - T1

On completion of about six weeks of classroom teaching, students will have to appear for the examination. The evaluation will be out of 20 marks with understanding and remembering level conceptual questions and analysis of cases.

#### 7.5 T 2

Term 2 Exam will be based on class discussion, lectures, power points and assigned chapters in the textbook.

This will be a 'closed book' descriptive and problem-solving questions-based exam on concepts and application. No class notes, textbook or help-sheets should be in your possession or accessed illegally during the exam. Any violation will result in disciplinary action.

#### 7.6 T3 - End Term Exam (35%)

The End Term Exam will be at the end of the semester and will cover the entire course. This will also be a 'closed book' exam based on conceptual and application-based real-life questions/ problem(s)/ Case(s). No class notes, textbook or help-sheets should be in your possession or accessed illegally during the exam. Any violation will result in disciplinary action.

#### 8. Session Plan:

| Sessions<br>/ Page<br>No. | Chapter<br>Names                              | Lecture Topic  | Textbook/ Chapter  | Cases/Activities/Exer cises/MOOC/Online resources/Videos                          |
|---------------------------|---|--|--|---|
| 1-6                       | Introduction<br>to HRM                        | <ul> <li>HRM functions<br/>and objectives,</li> <li>Personnel<br/>policies and<br/>principles</li> <li>Skills for HR<br/>professionals.</li> </ul> | Ch 1<br>K. Aswathappa: Human resource<br>Management, McGraw Hill   | Case 1: Enterprise<br>Builds on People  |
| 7-12                      | Integrating<br>HR and<br>business<br>strategy | <ul> <li>Integrating HR and business strategy.</li> <li>HR demands forecasting techniques.</li> <li>Job analysis and job design</li> </ul>         | Ch 1  K. Aswathappa: Human Resource  Management, McGraw Hill   | Case 2- Conceptualize and get Sacked  |
| 13-18                     | Acquisition of<br>Human<br>Resources          | <ul> <li>Recruitment process-internal &amp; external,</li> <li>Selection process and evaluation.</li> <li>Orientation program.</li> </ul>          | Ch-6 K. Aswathappa: Human Resource Management, McGraw Hill   | Case 3- A tale of<br>Twist and Turns  |
| 19-22                     | Training need                                 | <ul> <li>Training need assessment</li> <li>Process and techniques.</li> <li>Designing a training program</li> </ul>                                | Ch-7<br>Principles of Human Resource<br>Management, 16th International ed,<br>George W. Bohlander; Scott Snell | Case 4- Backfire<br>Surmise<br>BNSF Railway:<br>Training New Hires<br>for Safety  |
| 23-28                     | Development<br>of Human<br>Resources          | <ul> <li>Design appraisal programme,</li> <li>Problems of rating,</li> <li>Performance management and challenges.</li> </ul>                       | Ch-8<br>K. Aswathappa: Human Resource<br>Management, McGraw Hill   | Case 5- Not a Star<br>Performance<br>MOOC on<br>Performance<br>Appraisal Methods. |

| 29-32 | Compensation & Benefits                     | <ul> <li>Factors         influencing         compensation,</li> <li>Nature of         incentive         payments,</li> <li>Employee         benefits and         services.</li> </ul> | Ch-11<br>K. Aswathappa: Human Resource<br>Management, McGraw Hill  | Case 6-<br>Compensation Policy<br>of Vynav. Impact<br>assessment Exercise |  |
|-------|---|---|--|---|--|
| 33-38 | Managing<br>Issues in<br>Human<br>Resources | <ul><li>Separations,</li><li>workplace conflict</li></ul>   | Ch-15<br>K. Aswathappa: Human Resource<br>Management, McGraw Hill  | Case 7- Lakshmi<br>Manufacturing<br>Company                               |  |
| 39-42 | Employee<br>Discipline                      | Discipline and its management   | Ch-13 Principles of Human Resource<br>Management, 16th International ed,<br>George W. Bohlander; Scott Snell | Case 8- Discharged<br>for Off Duty<br>Behaviour.                          |  |
| 43-45 | Emerging<br>Issues                          | Managing ethical issues in HRM.   | Ch-15 Principles of Human Resource<br>Management, 16th International ed,<br>George W. Bohlander; Scott Snell | Case 9- Newell's<br>Decision to<br>Downsize: An<br>Ethical Dilemma        |  |

Course Coordinator: Dr. Shakshi Singhal

Date: October, 2021



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# 20B11BGM26: Global Business Environment BBA Semester III August 2021 – December 2021 Course Outline

Course Credit: 3

Learning Facilitator: Dr. Shriram A Purankar

Target learners: BBA (2020-23 Batch), Semester-III

Faculty Office: Arya Bhatt Bhawan II, IV Floor

Meeting Time: By Appointment

Phone: 0120 - 2400974 Ext 474

Email ID: shriram.purankar@jiit.ac.in

#### 1. Course Introduction:

Today's world's economy is increasingly global. As a result, demand continues to grow for individuals who understand the global context of business: from the logistics of international trade and cross-border investments to the cultural and ethical issues that are imbued in the practice of business around the world. By studying global business environment, you will learn about world cultures and societies, and be challenged to approach issues from different perspectives. These skills are increasingly valuable to employers faced with the challenge of opening and integrating multiple markets and achieving cohesion and collegiality in increasingly diverse workforces.

This course is an attempt at providing foundational knowledge associated in the domain of International Business environment. It has the basic and holistic coverage of topics needed to provide students with an in-depth understanding of the global practices across the spectrum of business fields.

#### 2. Course Objective:

The objective of this course is to make the student:

- To familiarise students with the concepts in global business environment.
- Understand the complex and changing environmental forces that impact international business, and how companies can effectively adapt to these forces.
- Discuss global issues in the context of global business that will allow students to gain deeper insights in world issues and will allow them to keep on top of issues that may affect them as individuals and as part of a larger entity.

#### 3. Course Outcome:

At the end of the course, the student will be able to:

| CO-    | Course Outcome  | BTL | PO1  | PO2  | PO3  | PO4  | PO5  |
|--------|---|-----|------|------|------|------|------|
| Code   |   |     |      |      |      |      |      |
| C112.1 | Understand concepts of global business environment.   | 2   | 3    | 3    | 2    | 2    | 2    |
| C112.2 | Analyse the impact of political, socio-economic, technological and legal factors on global business ventures. | 4   | 3    | 3    | 2    | 1    | 1    |
| C112.3 | Evaluate different foreign market entry strategies.   | 5   | 3    | 3    | 2    | 1    | 1    |
| C112   | Average   |     | 3.00 | 3.00 | 2.00 | 1.00 | 1.00 |

#### 4. Pedagogy

The course will involve classroom discussion, experiential activities and examples from actual organizations to illustrate how systems are implemented.

#### 5. Text Book: Recommended Books/ Text

Global Business – A South Asian Perspective, Mike W. Peng, Dheeraj Sharma, Publisher Cengage India, Print Version 2017, ISBN 978-81-315-3313-0

#### 6. Additional Reading and books:

International Business – Environments & Operations, Daniels, Radebaugh, Sullivan, Salwan Publisher Pearson, Print Version 2017, ISBN 978-93-325-4822-0

International Business 5e, Francis Cherunilam, Publisher PHI, Print version 2010, ISBN 978-81-203-4214-9

MOOC Registrations: Swayam Portal-

#### 7. Evaluation Details:

| Sl. | Component                          | Weightage | Tentative Week           |
|-----|------------------------------------|-----------|--------------------------|
| No. |                                    | (%)       | of completion            |
| 1   | Class Participation and Case Study | 10%       | All weeks                |
|     | Analysis                           |           |                          |
| 2   | Quiz                               | 5%        | After T1                 |
| 3   | Project                            | 10%       | After T2                 |
| 3   | T1-Test                            | 20%       | As per Academic Calendar |
| 4   | T2-Test                            | 20%       | As per Academic Calendar |
| 5   | End Term Test                      | 35%       | As per Academic Calendar |

#### 7.1 Quizzes (5%)

Quiz will be administered on all the chapters covered from the text book twice during the term.

#### 7.2 Project (10%)

Students have to make a group of 5 or 6 students of their class and need to identify a research project, latest by the second week of the course. Course coordinator will facilitate in guiding for selection of project. Each group has to prepare a project report based on application of concepts learned in the course. Details of contents and deadline for submission of group project report will be declared by the course coordinator in the class.

#### 7.3 T1-Exam (20%)

T1-Exam will be based on class discussion, lectures, power points and assigned chapters in the textbook. This will be a 'closed book' descriptive and problem solving questions based exam on

concepts and application. No class notes, textbook or help-sheets should be in your possession or accessed illegally during the exam. Any violation will result in disciplinary action.

#### 7.4 T2-Exam (20%)

T2-Exam will be based on class discussion, lectures, power points and assigned chapters in the textbook. This will be a 'closed book' descriptive and problem solving questions based exam on concepts and application. No class notes, textbook or help-sheets should be in your possession or accessed illegally during the exam. Any violation will result in disciplinary action.

#### **7.5 End Term Exam (35%)**

End Term Exam will be at the end of the trimester and will cover the entire course. This will also be a 'closed book' exam based on conceptual and application based real life questions/ problem(s)/ Case(s). No class notes, textbook or help-sheets should be in your possession or accessed illegally during the exam. Any violation will result in disciplinary action.

#### 8. **Session Plan**

| Sessions | Session 1 ian  | Doodings /              | Text book Cases No /         |
|----------|--|-------------------------|------------------------------|
| Sessions | Topics   | Readings /<br>Reference | Assignments                  |
|          |  | (chapters to be         |                              |
|          |  | discussed)              |                              |
| 1-4      | Globalizing Business                                     | Chapter 1               | Caselet1: Avon fights        |
|          | • Institution based view vs. resource                    | Prescribed              | recession – One lipstick at  |
|          | based view   | Textbook                | a time                       |
|          | <ul><li>What is globalization?</li></ul>                 |                         | Caselet2: GE innovates       |
|          | Globalization Debate                                     |                         | from Base of Pyramid         |
| 5-8      | Understanding Politics Laws & Economics                  | Chapter 2               | Caselet3: Adam Smith Vs.     |
|          | <ul> <li>Explaining Institution based view</li> </ul>    | Prescribed              | Deng Xioping                 |
|          | • Importance of understanding                            | Textbook                | Caselet4: Managing           |
|          | Political, Legal Systems and                             |                         | Political risk in the Middle |
|          | Economic Systems   |                         | East : A focus on Libya      |
| 9-12     | Emphasizing Cultures, Ethics & Norms                     | Chapter 3               | Caselet5: Partying in Saudi  |
|          | <ul> <li>Understanding Informal Systems,</li> </ul>      | Prescribed              | Arabia                       |
|          | culture, norms and ethics                                | Textbook                | Caselet6: Siemens Needs      |
|          | • Ethical Challenges which businesses                    |                         | to Clean up around the       |
|          | face   |                         | Globe                        |
| 13-16    | Leveraging Resources & Capabilities                      | Chapter 4               | Caselet7: Saturna Capital:   |
|          | <ul> <li>Understanding resources capabilities</li> </ul> | Prescribed              | A leading company in         |
|          | and value chain  | Textbook                | Islamic finance              |
|          | <ul> <li>VRIO Framework</li> </ul>                       |                         | Caselet8: Why Amazon         |
|          |  |                         | Kindle cannot be made in     |
|          |  |                         | US                           |
| 17-20    | Trading Internationally                                  | Chapter 5               | Caselet9: Why are German     |
|          | <ul><li>Why do nations trade?</li></ul>                  | Prescribed              | exports so competitive?      |
|          | <ul> <li>Theories of International Trade</li> </ul>      | Textbook                | Caselet10: Canada and US     |
|          | <ul> <li>Realities of International Trade</li> </ul>     |                         | fight over PIGS              |
| 21-24    | Investing Abroad directly                                | Chapter 6               | Caselet11: South African     |
|          | • Why do firms become MNEs by                            | Prescribed              | firms invest abroad          |
|          | engaging in FDI?   | Textbook                | Caselet12: The fate of       |
|          | • Understanding Ownership                                |                         | Opel                         |

|       | advantages, location advantages, Internalization advantages • Realities of FDI   |                                      |  |
|-------|--|--------------------------------------|--|
| 25-29 | <ul> <li>Dealing with Foreign exchange</li> <li>Factors determining exchange rates</li> <li>Evolution of International Monetary system</li> <li>Strategic responses</li> </ul>   | Chapter 7 Prescribed Textbook        | Caselet13: Strong Economies and Strong currencies in Latin America Caselet14: A weak dollar vs. a strong Yuan          |
| 30-33 | Capitalizing on Global and Regional Integration  Integrating the Global Economy  Integrating regional economies  EU  NAFTA  ASEAN  APEC  | Chapter 8<br>Prescribed<br>Textbook  | Caselet15: A day in<br>European Business<br>Caselet16: The Greek<br>Tragedy  |
| 34-38 | Entering Foreign Markets  • Where, when and how to enter a foreign market  | Chapter 10<br>Prescribed<br>Textbook | Caselet17: Pearl river Goes Abroad: exports, green fields and acquisitions Caselet18: Enter the US by Bus              |
| 39-42 | <ul> <li>Making Alliances and Acquisitions work</li> <li>How institutions and resources affect alliances and acquisition</li> <li>Formation dissolution and performance of an alliance</li> <li>Motives for acquisition</li> <li>Performance of Acquisition</li> </ul> | Chapter 11<br>Prescribed<br>Textbook | Caselet19: Danone and Wahaha: from Allinace to Divorce Caselet20: Nomura Integrates Lehman Brothers in Asia and Europe |

#### Assignment 1:

- Divide the class into groups of 5 or 6 students Roll number wise
- Study the Culture, Norms and Ethics pertaining to the Selected/Assigned Country
- Assume you a Firm based in India manufacturing a range of FMCG products
- Recommend some ways of entering into the assigned/selected country.
- Explain Product, Price, Promotion, Packaging, People, Process and Place decisions will you make in order to succeed in the assigned/selected country? While explaining your decisions to enter into the selected or Assigned country make sure you take the culture and consumer behavior into consideration.

#### Assignment 2:

- Divide the class into groups of 5 or 6 students Roll number wise
- Pick a Financial Crisis either from the 20<sup>th</sup> or the 21<sup>st</sup> century
- Prepare a ppt on the crisis explaining the reasons why it happened and the country/countries affected by it. Outline and explain in detail what the lessons from the crisis were for firms, government and society.

**Course Coordinator: Dr Shriram Purankar** 

Date: October, 2021



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# 20B11BGM27: Oral and Written Communication BBA Semester III August 2021 – December 2021

#### **Course Outline**

Course Credit : 3

Learning Facilitator : Dr. Shivani Kapoor(VF)

Target learners : BBA (2020-23 Batch), Trimester-III Faculty Office : Arya Bhatt Bhawan II, Third Floor

Meeting Time :

Phone :

Email ID : guest3.jbs@mail.jiit.ac.in

#### 1. Course Introduction

This skill based, intensive and highly interactive course is designed to enable students to achieve excellence in business related written communication. The course covers fundamentals of written communication, written communication strategy, developing effective messages, writing reports, making proposals, making business plans, making best use of electronic media, making resumes and preparing for job interviews. The course integrates the best of traditional and modern media based written communication.

#### 2. Course Objectives

| C152.1 | Understand the principles of effective oral and written communication  |
|--------|--|
| C152.2 | Apply necessary formats and procedures for business communication      |
| C152.3 | Analyse the context for effective communication                        |
| C152.4 | Create Resume, reports, proposals, business letters and business plans |

#### 3. Course Outcome

| CO<br>Code | СО   | BTL | PO1 | PO2 | PO3 | PO4 | PO5 |
|------------|--|-----|-----|-----|-----|-----|-----|
| C152.1     | Understand the principles of effective oral and written communication  | 2   | 1   | 1   | 3   | 1   | 3   |
| C152.2     | Apply necessary formats and procedures for business communication      | 3   | 1   | 1   | 3   | 1   | 3   |
| C152.3     | Analyse the context for effective communication                        | 4   | 1   | 1   | 3   | 2   | 3   |
| C152       | Create Resume, reports, proposals, business letters and business plans | 6   | 1   | 3   | 3   | 3   | 3   |

#### 4. Pedagogy

The course will be taught through interactive lectures and class exercises.

#### 5. Text Book

Payal Mehra, Business Communication for Managers, 4<sup>th</sup> Impression, 2014, Pearson

#### 6. Additional Readings and References

Kristen Bell DeTienne, Guide to Electronic Communication, 2011, Pearson William, Krisan, Logan, Merrier, Communicating in Business, 8<sup>th</sup> Edition, Cengage Learning

#### 7. Evaluation Details

| Sl. No. | Component   | Weightage (%) | Tentative week of completion |
|---------|-------------|---------------|------------------------------|
| 1       | Assignments | 15%           | Announced in Class***        |
| 2       | TA          | 10%           | Announced in Class***        |
| 3       | T1 Test     | 20%           | Announced in Class           |
| 4       | T2 Test     | 20%           | Announced in Class           |
| 5       | T3 Test     | 35%           | Announced in Class           |

#### **Evaluation Scheme**

#### \*\*\*Evaluation

- T1- Google quiz on theory 20 marks- the study material will be provided to the students and a test will be conducted on it. Help in assessing student's theoretical concepts.
- T2 Group Discussion 20 marks mandatory for all the students to participate with the camera on, groups of 12 students will be made and each group get 15 min to discuss and 15 min feedback. Students will be assessed on initiation and conclusion skills and leadership, team building and interpersonal skills.
- T3- Extempore 35 marks, 10 marks and 25 marks Personal Interview Each student will be interviewed on behavioral questions. Candidates will be assessed on self-confidence, content, articulation, and overall communication skills.

#### TA - Video CV 10 marks

Assignments - Total 25 Students will be given assignment on report writing and submit

#### 8. Session Plan

| Session | Introduction to Business Communication                 | Open discussion and a 20 marks   |
|---------|--|----------------------------------|
| 1       | ☐ Communication: definition, nature, and               | Google Quiz                      |
|         | importance to the manager,                             |                                  |
|         | ☐ Communication process and its elements means         |                                  |
|         | of communication and methods,                          |                                  |
|         | ☐ Barriers to communication                            |                                  |
|         |  |                                  |
| Session | Oral Communication                                     | Reading Newspapers/ articles     |
| 2-8     | ☐ Importance & benefits of confident reading           | Story Telling - Connect the Dots |
|         | and listening  | activity                         |
|         | ☐ Extempore  | 3 min extempore                  |
|         | ☐ Discussions on <b>c</b> urrent affairs and topics of | Practice session                 |
|         | social relevance                                       |                                  |
|         | ☐ Voice modulations                                    |                                  |
|         | ☐ Public speaking                                      |                                  |

| Session<br>8- 20 | Designing and Delivering Presentations   Personal Interviews   | Elevators pitch One word introduction  A compiled PI report of all students will be prepared  Will give a format, the aspects to be covered in C.V.  Current affairs Abstract topics Stress GD  A compiled GD report of all students will be prepared  Preparing students by conducting PI/ GD with instant feedback to eliminate the fear of speaking in a group and in front of the interviewer, to improve self-confidence, content, articulation, overall communication skills, and GD/ PI cracking skills. Initiation/conclusion skills and demonstration of leadership qualities |
|------------------|--|--|
| Session<br>21-27 | <ul> <li>Writing Skills</li> <li>➤ Create Resume</li> <li>➤ Prepare reports, proposals, business letters and business plans</li> </ul> | All the students will submit their C.V and assignments on report writing   |
| Session<br>28-30 | Non Verbal communication  ☐ Body language ☐ Etiquettes ☐ How to participate in virtual meetings  | Importance of body language in communication   |

Course Coordinator: Dr. Shivani Kapoor

**Date: August 30, 2021** 



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# 20B11BMM12: Social Media and Digital Marketing BBA Semester III August 2021 – December 2021

#### **Course Outline**

Course Credit :

Learning Facilitator : Dr. Archana Shrivastava

Target learners : BBA (2020-23 Batch), Trimester-III Faculty Office : Arya Bhatt Bhawan II, Third Floor

Meeting Time :

Phone :

Email ID : archana.shrivastava@mail.jiit.ac.in

#### 1.Course Introduction

In this rapidly growing media landscape, social media is an essential tool and fundamental skill in a multitude of industries. The correct amount of hands on practice and social media education can empower students with a competitive edge in their careers. This course will teach marketing students how to create and maintain a social media presence for business on various social media platforms. Students will learn to use social media and content marketing to grow their business and engage with customers.

#### 2. Course Objectives

- Recognising the ability of the social media to increase efficiency in established marketing functions
- Learning how the field of Marketing can benefit from application of social media management.
- Appreciating how organisations can leverage the benefits of social media for maximum benefit
- Embracing bleeding edge business strategies that generate revenue while delivering customer value

#### **3. Course Outcomes**

- Understand how to use social media networks as tools for marketing.
- Apply digital marketing techniques to social media management.
- Analyse social media analytics.
- Develop social media marketing strategies.

| CO Code   | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 | PO9 |
|-----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| C153.14.1 | 3   | 1   | 1   | 1   |     |     |     |     | 3   |

| C153.14.2 | 3 | 2 | 3 | 3 | 2 |   |   |   |
|-----------|---|---|---|---|---|---|---|---|
| C153.14.3 | 3 | 3 | 3 | 3 |   | 2 | 3 | 3 |
| C153.14.4 | 3 | 3 | 3 | 3 |   | 2 | 3 | 3 |
| Avg.      | 3 | 2 | 3 | 3 | 2 | 2 | 3 | 3 |

#### **4.Recommended Text Books**

- 1. SOCIAL MEDIA MARKETING, 2E, Barker, Cengage Publishers
- 2. Social Media Marketing The Next Generation of Business Engagement -Dav e Evans with Jake McKee, Wiley Publishing
- 3. Social Media Marketing for Dummies by Shiv Singh, John Wiley & Sons Canada, Ltd.
- 4. E-Marketing, Judy Strauss, Adel El-Ansary, Raymond Frost, Pearson, 2008.

#### 5.Pedagogy:

The course will involve a good balance of classroom discussion, exercises, experiential activities and real life project work which will generally include a mixture of lectures, exercises, case analysis and live projects. Students will be encouraged to do MOOC courses and acquire certificates.

**6.Evaluation Components:** 

| Sl. No. | Component  | Weightage % | Tentative week of completion                   |  |  |
|---------|------------|-------------|--|--|--|
| 1       | Teacher's  | 25%         | Quiz , Project, Assignments, Class             |  |  |
|         | Assessment |             | Participations, certification in related areas |  |  |
| 2       | T1         | 20%         | 4 <sup>th</sup> Week                           |  |  |
| 3       | T2         | 20%         | 8 <sup>th</sup> Week                           |  |  |
| 4       | T3         | 35%         | 14 <sup>th</sup> Week                          |  |  |

#### 7. Session Plans

| S.  | Topics   | No. of   | Readings         | Case Studies   |
|-----|--|----------|------------------|--|
| No. |  | sessions |                  |  |
| 1   | Why Social Media? The Role of Social Media Marketing SMM Plan target market  | 4        | Chapter 1,2,3    | Jet Blue   |
| 2   | Social Media Engagement ethics   | 4        | Chapter 4        | Kryptonite Bike Lock<br>Fiasco                         |
| 3   | Fundamentals of Social Networks Marketing via Niche Networks   | 4        | Chapter 5, 6, 7, | Lego's Market<br>Segmentation Strategy                 |
| 4   | Social Media Tools & Applications Content Creation and Sharing: Blogging, Streaming Video, Podcasts And Webinars video marketing | 4        | 8, 9, 10         | British Petroleum Runs<br>the social media<br>Gauntlet |

|    | Marketing on Photo Sharing Sites |    |    |                         |
|----|----------------------------------|----|----|-------------------------|
| 5  | Social Influence & Advertising   | 4  | 10 | The Huffington post:    |
|    | Discussion, News, Social         |    |    | How a single voice      |
|    | Bookmarking, and Q&A Sites       |    |    | became many             |
| 6  | Content Marketing: Publishing    |    | 11 | Inspired Marketing LLC  |
|    | Articles, White Papers, And E-   |    |    | generates Sales from    |
|    | Books                            |    |    | Webinars                |
| 7  | Mobile Marketing on Social       |    | 12 | Soroptimist             |
|    | Networks                         |    |    | International of        |
|    |                                  |    |    | Americas:Using white    |
|    |                                  |    |    | paper                   |
| 8  | Social Media Monitoring          | 4  | 13 | Home Depot Shows you    |
|    | Social Media Analytics           |    |    | how                     |
| 9  | Personal branding through social | 4  | 14 | Who are you with Nikon  |
|    | media best practices             |    |    | How Business Pioneer    |
|    | Tools for Managing the Social    |    |    | take advantage of Quora |
|    | Media Marketing Effort           |    |    | Anvil Media uses        |
|    |                                  |    |    | Linkedin for brand      |
|    |                                  |    |    | building                |
|    |                                  |    |    | S                       |
| 10 | Social Media Policies            | 6  | 15 | SAS social Media        |
|    | Social Media Marketing Plan      |    |    | Analytics               |
|    | Total                            | 42 |    |                         |

Course Coordinator: Dr. Archana Shrivastava Date: October, 2021



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# 20B12BBA13: Business Analytics Semester III

#### **Course Outline**

Course Credit: 3 (42 hours)

Course Coordinator Prof. Ajit Kumar

Target learners: BBA (2020-23 Batch), Semester-III

Learning Days: As per time schedule
Learning time: As per time schedule
Learning Rooms: As per time schedule

Faculty Office: Arva Bhatt Bhawan II, 4<sup>th</sup> Floor

Email ID: ajit.kumar@jiit.ac.in

#### **1.Course Description:**

The field of Business Analytics advances with new IT tools and its applications are driving today's business, where corporates are trying to understand their customers and their own business processes in a novel way. The digital transformation in business domain has been creating enormous amount of data and hence new business analytics models find their applications in solving business problems.

#### 2. Course Objectives

- Recognising the ability of the Business Analytics models to increase efficiency of problemsolving skills of business managers
- Learning from the business data and analysing how the field of Business Analytics can benefit from recent developments of analytical tools
- Studying the usage of the Business Analytics models as problem-solving tool
- Appreciating how organisations can leverage the benefits of Business Analytics models for maximum benefit
- Embracing cutting edge business strategies based on novel insights from various types of business data

#### **3. Course Outcomes**

After this course, students will be able to:

| <b>COURSE O</b> | UTCOMES   | COGNITIVE LEVEL         |
|-----------------|---|-------------------------|
| C133.1          | Understand the basics of Business Analytics.      | Understand Level (Level |
|                 |   | 2)                      |
| C133.2          | Apply Business Analytics techniques to business   | Apply Level (Level 3)   |
|                 | management functions.                             |                         |
| C133.3          | Analyse the business data for developing suitable | Analyze Level (Level 4) |
|                 | business plans.                                   |                         |

#### 4. Pedagogy:

The course will involve a good balance of classroom discussion, exercises and experiential activities which will generally include a mixture of lectures, exercises and case analysis.

**5. Evaluation Components:** 

| Sl. No. | Component  | Weightage % | Tentative week of completion   |  |  |
|---------|------------|-------------|--------------------------------|--|--|
| 1       | Teacher's  | 25%         | Quiz, Test, Assignments, Class |  |  |
|         | Assessment |             | Participations etc.            |  |  |
| 2       | T1         | 20%         | 4 <sup>th</sup> Week           |  |  |
| 3       | T2         | 20%         | 8 <sup>th</sup> Week           |  |  |
| 4       | T3         | 35%         | 14 <sup>th</sup> Week          |  |  |

#### **6.Recommended Text Books**

- 1. Business Analytics, 2nd Edition by James R. Evans, Pearson Publishers, 2016
- 2. Business Analytics: Text and Cases by Tanushri Banerjee & Arindam Banerjee, Sage Publications, 2019.

#### 7. Session Plan:

| Session<br>No. | Theme of the day | Topics                   | Readings | Cases/Activities/<br>Exercises/MOOC/Online |
|----------------|------------------|--------------------------|----------|--|
|                |                  |                          |          | resources/Videos                           |
| 1 - 4          | Introduction     | Introduction to          | Ch. 1    | Activity: understanding                    |
|                |                  | Business Analytics       |          | data for decisions                         |
| 5-10           | Basic            | Business Analytics for   | Chap 2   | Exercise: using Excel for                  |
|                | components of    | business decision-       |          | decision-making                            |
|                | business         | making                   |          |  |
|                | Analytics        |                          |          |  |
| 11-14          | Preparation of   | Basics of Business       | Chap 3   | Quiz in class                              |
|                | dataset          | Analytics Models         |          |  |
| 15-18          | Initiating       | Descriptive Business     | Chap 4   | Quiz in class                              |
|                | analysis         | Analytics                |          |  |
| 19-22          | Visualization    | Exploring Business       | Chap 5   | Exercise: Creating of                      |
|                |                  | Data                     |          | insightful graphs                          |
| 23-26          | Advanced         | Predictive Analytics -1  | Chap 6   | Group Assignments                          |
| 27-30          | concepts         | Predictive Analytics -2  | Chap 7   | Group presentations                        |
| 31-36          | Model building   | Prescriptive Analytics - | Chap 8   |  |
|                |                  | 1                        |          |  |
| 37-40          |                  | Prescriptive Analytics - | Chap 9   |  |
|                |                  | 2                        |          |  |
| 41-42          | Recent           | Current advances in the  | Chap 10  | Case: Tata Motors                          |
|                | developments     | field of Business        |          |  |
|                |                  | Analytics                |          |  |

Course Coordinator: Prof. Ajit Kumar

Date: October, 2021



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# 19B15BSE14: Computing Tools and Programming

BBA 2020-22 Batch; Semester III July – Dec, 2021

#### **Course Outline**

Course Credit: 3

Learning Facilitator: Dr. Manju

Target learners: BBA ,Semester - III

Faculty Office: Cabin-241, Arya Bhatt Bhawan III, 2<sup>nd</sup> Floor

Meeting Time: By Appointment Email ID: manju@jiit.ac.in

1.

#### 2. Course Introduction

This course provides knowledge to computing tools and programming languages in context of data visualization and analysis.

#### 3. Course Objective

The aim of this course is to provide a comprehensive understanding data manipulation and analysis using different tools and programming languages.

#### 3. COURSE OUTCOME:

#### **CO-PO and CO-PSO Mapping:**

| CO     | Course Outcome                                    |   | PO1 | PO2 | PO3 | PO4 | PO5 |
|--------|---|---|-----|-----|-----|-----|-----|
| CODE   |   |   |     |     |     |     |     |
| C183.1 | Understand the basic structure of a programming   | 2 |     |     |     |     |     |
| C165.1 | language and concept of databases.                | 2 | 3   | 1   | 2   | 1   | 3   |
| C183.2 | Make use of tools like flow charts to express the | 3 |     |     |     |     |     |
| C103.2 | algorithm.  | 3 | 3   | 3   | 3   | 2   | 3   |
| C183.3 | Create web pages using HTML.                      | 6 | 2   | 3   | 3   | 2   | 3   |
| C183   |   |   | 3   | 2   | 3   | 2   | 3   |

#### 4. Text Book

- 4.1 Kirthi Raman, "Mastering Python Data Visualization"
- 4.2 Nield, Thomas. Getting Started with SQL: A Hands-on Approach for Beginners. "O'Reilly Media, Inc.", 2016.
- 4.3 Stephen Peplow, "Business statistics with Excel and Tableau: A hands-on guide with screencasts (Hands-on guides Book1)"
- 4.4 HTML: A Beginner's Guide, Fifth Edition Paperback Illustrated, 16 May 2013by Wendy Willard

#### 5. Additional reading and references

- 5.1 Udemy course "Learning Python for Data Analysis and Visualization"
- 5.2 Coursera course
  - 5.2.1 Data Visualization with Python
  - 5.2.2 Excel Skills for Data Analytics and Visualization Specialization

#### 6. Evaluation Details

| S. No. | Components        | Weightage(%) | <b>Tentative Week</b> |
|--------|-------------------|--------------|-----------------------|
| 1      | T1                | 20           | As per schedule       |
| 2      | Assignment        | 10           | weekly                |
| 3      | T2                | 20           | As per schedule       |
| 4      | Presentation      | 15           | 8-10                  |
| 5      | T3(End-Term Exam) | 35           | As per schedule       |
|        | Total             | 100          |                       |

#### 6.1 Assignment on each topic covered (10%)

Each student will submit assignment weekly based on the topics covered in that week which will be uploaded in class work of the classroom.

#### 6.2 T1 & T2 (40%)

T1 & T2 exams will be based on class discussion, lectures, power points and assigned chapters in the textbook. This will be a 'closed book' descriptive and problem-solving questions based test on concepts and application. No class notes, textbook or help-sheets should be in your possession or accessed illegally during the test. Any violation will result in disciplinary action

#### 6.3 Presentation (25%)

The following are required in field-work

- 1. Students have to make a group of 5 or 6 students of their class and need to submit a brief write up of the topics earmarked to the concerned Group. Then each Group will have to submit the full detailed write up on the same topic during the 8th week of the trimester II positively.
- 2. Presentation on the prepared report in class room to enhance hands on knowledge, presentation and communication skills using Flip Class mode

#### **6.4 T3 End-Term Exam (35%)**

End-Term Exam will be at the end of the trimester and will cover the entire course. This will also be a 'closed book' test based on conceptual and application based real life questions/ problem(s)/ Case(s). No class notes, textbook or help-sheets should be in your possession or accessed illegally during the test. Any violation will result in disciplinary action.

#### 7. Pedagogy

The course is divided into modules which together provide basic understanding of the computing tools and its processing. Basics of data functionality, various tools and programming languages and data base to manage and visualize data are the main component of the course. Hands on is an important pedagogical tool used for this course. It will involve a healthy balance of lecture and classroom discussion and case discussions on each module. The course also includes group presentation. The course coordinator will provide adequate guidance for individual and group work.

# 8. Teaching Plan:9.

| Module# | Title of the Module | Session # | Topics to be Discussed                          |
|---------|---------------------|-----------|---|
| 1       | Introduction        | 1-2       | Introduction to computing tools in context of   |
|         |                     |           | data.   |
|         |                     |           | Importance of data and its visualization.       |
| 2       | MS - Excel          | 3-20      | Basics of MS Excel                              |
|         |                     |           | Working with worksheets                         |
|         |                     |           | Functions in Excel                              |
|         |                     |           | Data filtering in excel                         |
|         |                     |           | Data Visualization: column chart, bar, scatter, |
|         |                     |           | line chart                                      |
|         |                     |           | Pivot table                                     |
|         |                     |           | Data validation                                 |
|         |                     |           | Import in excel                                 |
|         |                     |           | Shortcuts in excel                              |
| 3       | Python              | 21-35     | Anaconda setup                                  |
|         | using flow          |           | Basics of Python                                |
|         | charts              |           | Conditional statements                          |
|         |                     |           | Loops   |
|         |                     |           | Algorithm design and flow chart design          |
|         |                     |           | Importing in python                             |
|         |                     |           | Numpy   |
|         |                     |           | Pandas  |
|         |                     |           | Matplotlib                                      |
|         |                     |           | Seaborn   |
| 4       | DBMS-               | 36-42     | Introduction to SQL, Learning Basic DDL         |
|         | Mysql               |           | Learning Basic DML commands                     |
|         |                     |           | Create, Alter, Drop, Truncate, View commands    |
|         |                     |           | Insert, Select, Update, Delete commands.        |
| 5       | HTML                | 43-56     | Create pages using html tags                    |

Course Coordinator: Dr. Manju, Dr. Adwitiya Sinha Date: October, 2021