Shri Rawatpura Sarkar University, Raipur



Examination Scheme & Syllabus

for

Post-Graduation Diploma in Management (PGD)

Semester-I

(Effective from the session: 2022-23)

Post Graduation Diploma in Management (PGDM) Semester-I

PROGRAMME OUTCOMES FOR PGDM

- 1. Apply knowledge of management theories and practices to solve business problems (To impart state-of-the-art skills and knowledge in functional areas of management with the objective of preparing students for cross functional roles in industry).
- 2. Foster Analytical and critical thinking abilities for data-based decision making (To hone analytical and problem-solving skills using modern day managerial tools to enhance decision making capabilities).
- 3. Ability to develop Value based Leadership ability (To develop the students' personality, integrated with strong values and positive attitude so as to be receptive to societal concerns and ethical conduct).
- 4. Ability to understand, analyze and communicate global, economic, legal, and ethical aspects of business (To build awareness about the socio-economic environment both domestic & international and its implications for businesses).
- 5. Ability to lead themselves and others in the achievement of organizational goals, contributing effectively to a team environment. (To achieve business goals while working with colleagues and while keeping the local, regional, and global context in focus).
- 6. Apply knowledge of management theories and practices to solve business problems (To impart state-of-the-art skills and knowledge in functional areas of management with the objective of preparing students for crossfunctional roles in industry).
- 7. Foster Analytical and critical thinking abilities for data-based decision making (To hone analytical and problem-solving skills using modern day managerial tools to enhance decision making capabilities).
- 8. Ability to develop Value based Leadership ability (To develop the students' personality, integrated with strong values and positive attitude so as to be receptive to societal concerns and ethical conduct).
- 9. Ability to understand, analyze and communicate global, economic, legal, and ethical aspects of business (To build awareness about the socio-economic environment both domestic & international and its implications for businesses).
- 10. Ability to foster research practices by contributing effectively through publications to enhance academic knowledge. (To conduct research issues and problems in the local, regional, national, and global context and to publish meaningful and workable solutions to the relevant problems)

Post Graduation Diploma in Management (PGDM) Semester-I

PROGRAMME SPECIFIC OUTCOMES (PSOS) FOR PGDM

- 1. To develop students with a solid foundation in managing organisation with effective communication and analytical skills for a successful career in business management.
- 2. To develop value adding business leaders able to apply cutting-edge ideas and new skills in practice
- 3. To inculcate in students the ability for professional development through innovation, training and self-study.
- 4. To introduce students towards social sensitivity, professional ethics and integrity.
- 5. To inculcate in students the ability for professional development through innovation, training and self-study.
- 6. To introduce students towards social sensitivity, professional ethics and integrity.
- 7. To develop value adding business/academic leaders able to apply cutting-edge ideas and new skills in practice and close the gap between academia and industry practices.
- 8. To develop students with a solid foundation in Theory and Research to contribute meaningfully for a successful growth of corporate or academic institution

Mrs. NIVEDITA SINGH



Faculty of Management

Shri Rawatpura Sarkar University, Raipur

Post Graduation Diploma in Management (PGDM)

Semester-I

Examination Scheme

(Effective from the session: 2022-23)

| | T | | | Type of | Teaching hours per week | | | | Examination Scheme | | | | Total Marks |
|-----------------------------------|-------------|----|---|--------------|-------------------------------|---|---|----|--------------------|-----|-----------|----|-------------|
| S.N. | Course Code | Pr | Subject | Course | | | | TC | The | ory | Practical | | |
| | | | | | L | Т | Р | | EX | IN | EX | IN | Tota |
| 1 | MPGD 101 | Th | Management Principles and Process | core | 3 | 1 | | 4 | 70 | 30 | | | 100 |
| 2 | MPGD 102 | Th | Organizational Behavior and Management of change | core | 3 | 1 | | 4 | 70 | 30 | | | 100 |
| 3 | MPGD 103 | Th | Managerial Economics | core | 3 | 1 | | 4 | 70 | 30 | | | 100 |
| 4 | MPGD 104 | Th | Accounting for managers | core | 3 | 1 | | 4 | 70 | 30 | | | 100 |
| 5 | MPGD 105 | Th | Fundamental of Computers | core | 3 | 1 | | 4 | 70 | 30 | | | 100 |
| 6 | mpgd 106 | Th | Legal framework of business | core | 3 | 1 | | 4 | 70 | 30 | | | 100 |
| 7 | MPGD 107 | Th | Business Statistic s | core | 3 | 1 | | 4 | 70 | 30 | | | 100 |
| 8 | MPGD 108 | Th | Entrepreneurial Development | core | 3 | 1 | | 4 | 70 | 30 | | | 100 |
| Total Contact hr. per week: 32 | | | Т | otal Credit: | 32 | | | | Total Marks: | | | | 800 |

| Course Title | Management Principles and Process | | | | | | | | | |
|----------------------|--|--|---------|------------|--|--|--|--|--|--|
| Course Code | MPGD 101 | | | | | | | | | |
| Course | L | Т | Р | тс | | | | | | |
| Credits | 3 | 1 | | 4 | | | | | | |
| Prerequisites | Basic kr | nowle | edge o | of Manage | ment terminologies and Functions. | | | | | |
| Course Objectives | a •] a | An understanding of the many roles and functions of management within a business is a key for those aspiring to become managers of the future. This module covers the principles and functions of management. Students are taught the key elements in planning and decision-making and the significance of different controls required in an organization. | | | | | | | | |
| | UNIT I: Introduction Concept of Management, Management: Art and Science, Management Vs Administration, Levels of Management, Functions of management, Management as a Profession, Management skills, Qualities and characteristics of managers. Evolution of Management thought: Early contributions: Taylor and Scientific Management, Fayol's Administrative Management, Bureaucracy, Human Relations, and Modern Approach, Social responsibility of managers, Managerial Ethics. | | | | | | | | | |
| | UNIT II: Planning and Decision Making | | | | | | | | | |
| Course Contents | Strategic to effect Strategic | Concept of planning, Significance of planning, Classification of planning: Strategic plan, Tactical plan and Operational plan, Process of planning, Barriers to effective planning. MBO, Management by Exception. Decision Making: Strategies of decision making, Steps in rational decision-making process, Factors influencing decision making process, psychological bias and decision support system. | | | | | | | | |
| | UNIT II | I: 0 | rgani | zing | | | | | | |
| | organiza | tiona | ıl stru | | ples of organizing, Process of organizing, Types of an of control, Centralization vs. Decentralization of ion. | | | | | |
| | UNIT I | V: St | affing | g, Directi | ng and Motivation | | | | | |
| | U U | | · · | | e of staffing, System approach to staffing, Manpower t, Techniques of directing and supervision, Types of | | | | | |

Post Graduation Diploma in Management (PGD) Semester-I Examination Scheme

(Effective from the session: 2022-23)

| | supervision,Essentialcharacteristicsofsupervisor.Motivation:Concept, Formsofemployeemotivation, Needformotivation.Theories of motivation. | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|--|--|--|--|
| | UNIT V: Leadership and Control | | | | | | | | | | |
| | Leadership vs. Management, Process of Leadership, Importance of leadership, Characteristics of an effective leader. | | | | | | | | | | |
| | Controlling: Concept, Importance of controlling, Types of control, Steps in control process. | | | | | | | | | | |
| | After completion of these courses the students will be able to: | | | | | | | | | | |
| | • Discuss and explain the basic principles and functions of management in an organization and issues in their achievement. | | | | | | | | | | |
| Course Outcomes | • Discuss and explain the importance of strategic management, the key steps in the strategic management process and the different types of organizational strategies that can be employed. | | | | | | | | | | |
| | Summarize the elementary concepts, principles and theories of management | | | | | | | | | | |
| | Examine the managerial functions having an impact on the organizational effectiveness | | | | | | | | | | |
| | Identify the contemporary issues and challenges in management | | | | | | | | | | |
| | Principles & Practices of Management, L.M. Prasad, Sultan Chand & Sons, New Delhi, 9th Edition,2015. | | | | | | | | | | |
| Text Books | Management, Stephen Robbins & Coulter Mary, Prentice Hall India, 14thEdition, 2016. | | | | | | | | | | |
| Reference | 1. Management, Stoner, Freeman & Gilbert Jr. Prentice Hall, 6thEdition, 2009. | | | | | | | | | | |
| Books | Essentials of Management, Harold Koontz &HeinzWeihrich, Tata McGraw Hill, 8thEdition, 2010. | | | | | | | | | | |

| Course Title | Organiz | Organizational Behavior and Management of change | | | | | | | | |
|----------------------|--|---|------|------------|------------------------|--|--|--|--|--|
| Course Code | MPGD 2 | MPGD 102 | | | | | | | | |
| Course | L | Т | Р | ТС | | | | | | |
| Credits | 3 | 1 | | 4 | | | | | | |
| Prerequisites | Knowle | dge a | bout | the organi | zation and management. | | | | | |
| Course Objectives | | • Organizational Behavior is concerned with the behavior of people both as individuals and groups within Organizations. The Course is divided into two parts commonly referred to as Micro and Macro. In the micro and macro level, we will be concerned with some of the crucial factors at individual and group levels and deals with the institutional arrangements that are important for the efficient functioning of Organizations respectively. A key point that needs to be emphasized in this is that there is no 'best' and 'only' way to deal with any of the issues that will be examined. Thus, it is more appropriate to think through the process logically instead of looking for 'quick fix' solutions to any problems that you may be faced with. | | | | | | | | |
| Course Contents | UNIT I Introduction to OB: OB scope & processes -The changing context, Challenges & Opportunities of OB, developing OB Model. UNIT II The Individual: Foundations of Individual Behavior-Learning, Theories of Learning, Attitude, Values and Job Satisfaction – Defining Attitude, Components of Attitude, Attitude &Behavior Relationship, Major Job Attitudes. Overview of Perception, Personality & Personal Effectiveness- Introduction to Personality, The Myers& Briggs Type, Big 5 Model, Major Personality Attributes influencing OB, Emotions, Emotional Labor& Emotional Intelligence. UNIT III | | | | | | | | | |

| | Motivation Concepts and Application: Defining Motivation, Theories of Motivation, Various Motivational Tools and Techniques useful for organizations, Leadership, Contemporary approach to leadership, Foundations of Group Behavior, Understanding Work Team Effectiveness, Decision making. |
|-----------------------|--|
| | UNIT IV |
| | Building Interpersonal Relationship, Transactional analysis, Human Relations at workplace. An Introduction to the concept of Human Behavior, Interpersonal Relation Two- & Three-Dimensional Theories of Interpersonal Behavior Transactions – Types of Transactions, Relevance in Industry and Human life. Structural Analysis, Life positions Stroking, Script Analysis, Ego States, Application of TA in Human Resource Management |
| | UNIT V |
| | Power & Politics, Bases of Power, Power and politics interrelationship, Implications for Managers. Emotions, Stress management& Workplace balance, Conflict & Negotiation Management, Culture, Organizational Change & Organizational Development. |
| | After completion of these courses the students will be able to: |
| | • Explain concept of Organizational Behavior. |
| | Explain concept of Individual Behavior. |
| Course | Identify the concept of emotional intelligence |
| Outcomes | Interpret leadership styles |
| | • Apply concepts of motivation |
| | • Apply the concept of interpersonal relationship at workplace. |
| T (D) | Organizational Behavior, Aswathappa K, Himalaya Publication, 11thEdition, 2014. |
| Text Books | Organizational Behavior, Stephen Robbins, Pearson's Publications, 16th Edition, 2016. |
| | Organizational Behavior-Text & Cases, Kavita Singh, Vikas Publishing House Pvt. Ltd. 1stEdition, 2010. |
| Reference Books | Organizational Behaviora Modern Approach, Arun Kumar & N Meenakshi, Vikas Publishing House Pvt. Ltd. 1stEdition, 1stReprint, 2009. |
| DOORS | Organizational Behavior, S. L. Me Shane, M. A. Vong G Liinow Radha R. Sharma, 2012, 5thEdition, Tata McGraw Hill. |
| | 4. Organizational Behaviour, V.S. P Rao, 2 nd Edition, 2012, Excel Books. |

| 5. Management and Organizational Behavior Text and Cases, Rao, P. Subha, Himalaya, Mumbai, 2nd Edition,2012. |
|---|
| E Books: 1http://www.himpub.com/documents/Chapter1031.pdf |

| Course Title | Managerial Economics | | | | | | | | | |
|----------------------|--|--|-----------------------|------------------------|--|--|--|--|--|--|
| Course Code | MPGD 103 | | | | | | | | | |
| Course | L | Т | Р | ТС | | | | | | |
| Credits | 3 | 1 | | 4 | | | | | | |
| Prerequisites | Basic kr | nowle | edge a | bout the l | Managerial Economics | | | | | |
| Course Objectives | t t t | • This course helps students in applying and analyzing the concepts, theories, and methods of microeconomics and macroeconomics, solving business problems being faced by an organization. Students will be able to evaluate the intent and outcomes of the economic and business models and strategies which are relevant to applications in managerial decision making and government policies to correct economic problems. | | | | | | | | |
| | UNIT I Relevance of economics for business decisions, Role of Managerial Economist and Business decision making. Demand Analysis – individual market and firm demand, Determinants of demand, Elasticity measures and business decision making, Demand Estimation and demand Forecasting, Supply Analysis. UNIT II | | | | | | | | | |
| Course Contents | Production functions: Single variable – Variable Proportions, two variables - Returns to scale; cost minimization and output maximization, various cost concepts, cost functions, Economies of scale and economies of scope (simple numerical problems to be solved). | | | | | | | | | |
| | UNIT I | II | | | | | | | | |
| | market competi pricing, | con tion, pro | ditior and duct | ns: Perfe oligopoly | and output determination under different ect competition, monopoly, monopolistic y, Descriptive pricing approaches: Full cost Price skimming, penetration pricing. Input aption. | | | | | |
| | UNIT I | V | | | | | | | | |

| | Saving, and Investment, Circular flow of Income, Velocity of Money, Phases of business cycle, Inflation and Philips Curve Analysis, Deflation and Disinflation, Fiscal and Monetary policies. Instruments of Fiscal and Monetary Policies. UNIT V |
|--------------------|--|
| | National Income: Concepts, Definition, Methods of Measurement, National Income in India, Problems in Measurement of National Income & Precautions in Estimation of National Income. Consumption Function and Investment Function. |
| Course Outcomes | After completion of these courses the students will be able to: Identify the Essentials of Managerial Economics and Market Equilibrium. Experiment with the Production Function and Production Costs. Experiment with the Market Structures Explain fiscal and monetary policy of an economy. Explain the concept of national income. |
| Text Books | Managerial Economics- D. N. Dwivedi, Vikas Publishing House, New Delhi, 8th Edition, 2015. Managerial Economics (Analysis of Managerial Decision Making), H L Ahuja, S Chand, 9th Edition |
| Reference Books | Managerial Economics Principles and Worldwide Applying (MEPWA) Dominick Salvatore and Siddhartha K. Rastogi, Oxford University Press, 8th Edition, 2016 Managerial Economics (MEK) Paul G. Keat. Philip K. Y. Young and Sreejata Banerjee, Pearson Education, New Delhi, 6th Edition, 2012. Managerial Economics (MET) Christopher R. Thomas, S. Charles Maurice and Sumit Sarkar, Tata McGraw Hill, Education Pvt. Ltd., New Delhi,9th Edition, 2011. Macroeconomics Policy Environment (MPE) Shyamal Roy, McGraw Hill, Education Pvt. Ltd, New Delhi,2nd Edition, 2016. Managerial Economics Problems and Cases PL Mehta Sultan Chand & Co., Edition 2016. |

| Course Title | Accounting For Managers | | | | | | | | | | |
|----------------------|---|-----------------------|-------------------------|-------------------------------------|--|--|--|--|--|--|--|
| Course Code | MPGD 1 | MPGD 104 | | | | | | | | | |
| Course | L | Т | Р | ТС | | | | | | | |
| Credits | 3 | 1 | | 4 | | | | | | | |
| Prerequisites | Basic kr | nowle | edge a | about acco | ounting. | | | | | | |
| | C | cost a | and m | anagemen | lents with the fundamental's principles of financial, at accounting | | | | | | |
| Course Objectives | | | nable nents | | dents to prepare, analyze and interpret financial | | | | | | |
| | To enable the students to take decisions using management acco tools. | | | | | | | | | | |
| | UNIT I | | | | | | | | | | |
| | Book-Keeping and Accounting – Financial Accounting – Concepts and Conventions – Double Entry System – Preparation of Journal, Ledger and Trial Balance – Preparation of Final Accounts – Trading, Profit and Loss Account and Balance Sheet with Adjustment Entries, Simple Problems Only - Capital and Revenue Expenditure and Receipts. | | | | | | | | | | |
| | UNIT II | | | | | | | | | | |
| Course Contents | Depreciation – Causes – Methods of Calculating Depreciation – Straight Line Method, Diminishing Balance Method and Annuity Method - Ratio Analysis – Uses and Limitations – Classification of Ratios – Liquidity, Profitability, Financial and Turnover Ratios – Simple Problems Only. | | | | | | | | | | |
| | UNIT III | | | | | | | | | | |
| | Preparat Statemer Operation | tion nts - on - | of So – Uso Prepa | chedule o es and L aration of | nds from Operation, Sources and Uses of Funds, f Changes in Working Capital and Funds Flow imitations - Cash Flow Analysis – Cash from Cash Flow Statement – Uses and Limitations – Flow and Cash Flow | | | | | | |
| | UNIT I | V | | | | | | | | | |

| | Marginal Costing - Marginal Cost and Marginal Costing - Importance - Break- Even Analysis - Cost Volume Profit Relationship – Application of Marginal Costing Techniques, Fixing Selling Price, Make or Buy, accepting a Foreign Order, Deciding Sales Mix. UNIT V Cost Accounting - Elements of Cost - Types of Costs - Preparation of Cost Sheet – Standard Costing – Variance Analysis – Material Variances – Labour Variances – Simple Problems Related to Material and Labour Variances Only. |
|--------------------|--|
| Course Outcomes | After completion of these courses the students will be able to: Explain the concepts of accounting as per International Standards Make use of financial statement of business entities. Analyze the financial statement of corporate entity. Examine financial statement for decision making. Utilize financial statement of companies through ratios. |
| Text Books | Essentials of Financial Accounting, Ashish K. Bhattacharya, PHI, 4th Edition, 2017. Accounting for Managers Starting from Basics, C. Ramagopal, New Age International, 2009. |
| Reference Books | Financial Accounting for Management D.D. Harsolekar, Edutech Publishing Co., 6th Edition, 2013. Financial Accounting for Management, N. Ramachandran& Ram Kumar Kakani, McGraw Hill Education, 4th Edition, 2018. Financial Accounting – Principles & Practices, Prof. Jawaharlal& Dr. Seema Srivastava, Practices S. Chand, 3rd Edition, 2014. Accounting for Management, M N Arora, Himalaya Publishing House, 1st Edition, 2010 A Textbook of Accounting for Management, S N Maheshwari, Sharad K Maheshwari, Vikas Publishing House Pvt Ltd, 2010. |

| Course Title | Fundam | ental | ls Of (| Computers | 5 | | | | | | |
|---|--------------------|--|---------|-------------|--|--|--|--|--|--|--|
| Course Code | MPGD 1 | MPGD 105 | | | | | | | | | |
| Course | L | Т | Р | ТС | | | | | | | |
| Credits | 3 | 1 | | 4 | | | | | | | |
| Prerequisites | Basic kn | owle | dge al | bout the co | omputers. | | | | | | |
| Course Objectives | | • The general objectives of this course are to provide fundamental concepts of information and communication technology | | | | | | | | | |
| | Compute Computi | UNIT I Introduction to Computer System: Introduction to Computer, Characteristics of Computer, Applications of Computer, Classifications of Computer, Mobile Computing, Anatomy of Digital Computer, Computer Architecture, Memory and its Classifications, Input devices, Output devices, Interfaces. UNIT II | | | | | | | | | |
| Course ContentsComputer Software and Operating System: Introduction to Software Software, Program vs Software, Computer Virus and antivirus.Introdu Operating System, Function of Operating System, Types of Operating System. | | | | | re, Computer Virus and antivirus.Introduction to of Operating System, Types of Operating System, | | | | | | |
| | UNIT III | | | | | | | | | | |
| Database Management System: Introduction to DBMS, Database Models Database Design and Data Security, Data Warehouse, Data Mining, Databa Administrator. | | | | | | | | | | | |
| | UNIT IV | | | | | | | | | | |
| Data Communication and computer Network: Introduction to Communication, Introduction to Computer Networks, Ty Computer Networks, LAN Topologies, Transmission Media, Network Dev References Model, Communication Protocols, Centralized vs Distributed S | | | | | | | | | | | |

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| | UNIT V Internet and WWW: Introduction to internet and its applications, Connecting to the Internet, Client/Server Technology, Internet as a Client/Server Technology, Email, Video-Conferencing, Internet Service Providers, Domain, Name Server, Internet Address, Internet Protocols, (IP, TCP, HTTP, FIP, SMTP, POP, Telnet, Gopher, WAIS), Introduction to Intranet, Internet vs Intranet vs Extranet, |
|--------------------|---|
| Course Outcomes | To make students capable of using different application packages in their personal as well as professional life. Formulate opinions about the impact of computers on society Possess the knowledge of basic hardware peripherals Know and use different number systems and the basics of programming Solve basic computational problems with C language |
| Text Books | Comer, Douglas 2nd ed PearsonComputer Networks & Internets: With Internet ApplicationsComer, D. E/ Narayanan, M. S. 4th ed Pearson Computer Organization & Architecture: Designing for Performance Stallings, William 6th ed PHI |
| Reference Books | Computer Fundamentals: concept, system & application -8th edition by Priti Sinha, Pradeep K., Sinha Fundamentals of Computers: 6th edition by V. Rajaraman, Neeharika Adabala. |

| Course Title | LEGAL FRAMEWORK OF BUSINESS | | | | | |
|----------------------|--|--|---|----|--|--|
| Course Code | MPGD 106 | | | | | |
| Course Credits | L | Т | Р | ТС | | |
| | 3 | 1 | | 4 | | |
| Prerequisites | To knov | To know about the basic of law. | | | | |
| Course Objectives | • The objective of this course is to acquire knowledge and understanding of major commercial and economic laws. | | | | | |
| Course Contents | Contract and Acc Agreem Contract Guarant UNIT II Sale of Warrant UNIT II Negotial Negotial UNIT II TheCom Articles Issue, S Meeting UNIT V | of major commercial and economic laws. | | | | |
| | UNIT V ConsumerProtectionAct1986:Objectives and Machinery for Consum Protection, Defects and Deficiency Removal, Rights of Consumers. The Rig | | | | | |

| | to Information Act 2005: Salient Features and Coverage of the Act, Definition of terms-Information, Right, Record. Public Authority, Obligations of Public Authorities, Requesting Information and Functions of PIO. | | | | | |
|--------------------|--|--|--|--|--|--|
| | After completion of these courses the students will be able to: | | | | | |
| | • Explain the provisions of The Indian Contract Act 1872. | | | | | |
| | • Explain the provisions of Sale of Goods Act 1930. | | | | | |
| Course Outcomes | • Outline the concept and types of Negotiable Instruments as per Negotiable Instruments Act 1881. | | | | | |
| | • Summarize the provisions of Companies Act 2013. | | | | | |
| | • Interpret the provision of Consumer Protection Act 1986 and The Right to Information Act 2005. | | | | | |
| | 1. Handbook of Corporate Laws by Bharat Law House, New Delhi | | | | | |
| Text Books | 2. Lee Reach, Business Laws, Oxford University Press, UK | | | | | |
| Reference Books | 1. Singh, Avtar, The Principles of Mercantile Law, Eastern Book Company, Lucknow | | | | | |
| | Sharma J. P., and Sunaina Kanojia, Business Laws, Ane Books Pvt. Ltd, New Delhi. | | | | | |
| | Bhandari, Munish, Professional Approach to Corporate Laws and Practice, Bharat Law House, New Delhi | | | | | |

| Course Title | Business Statistics | | | | | |
|----------------------------------|--|--|---|----|--|--|
| Course Code | MPGD 107 | | | | | |
| Course Credits | L | Т | Р | ТС | | |
| | 3 | 1 | | 4 | | |
| Prerequisites | Basic concept of statistics | | | | | |
| Course Objectives | • It gives students an opportunity to progress rapidly in their familiarity with a variety of Quantitative methods for describing distributions and for analyzing the nature, significance, and strength of relationships between variables. This course begins at an elementary level assuming no prior knowledge of statistics and ends with advanced techniques for handling multivariate analysis. | | | | | |
| Course Contents | Quantita world. C grouped Measure Computa Coefficie finance a UNIT II Correlati Product S Simple F Regressi | multivariate analysis. UNIT I Introduction to statistics: Frequency distribution and grouping of data, Qualitative & Quantitative data. Measures of Central Tendency and their applications in business world. Computation of Arithmetic Mean, Geometric Mean, Mode, Median for grouped and ungrouped data, their applications in business world situations. Measures of Dispersion and their application in field of finance and marketing, Computation of Range, Quartile Deviations, Mean and Standard Deviations, Coefficient of Variation, Percentiles and Deciles, their application in the field of finance and Marketing. s UNIT II Correlation, Conceptual understanding of Scatter plots, Correlation calculation by Product Moment method. Test of Correlation Coefficient, Spearman's Rank method, Simple Regression, Introduction to simple regression, Line of Regression, Plane of Regression, least squares principle, drawing the regression line, Multiple, Regression, Test of Regression Equations, F test. | | | | |

| | Theory of Probability: Basic concepts of Probability, Approaches to the calculation of Probability, Bayes theorem. Probability Distributions: Discrete and Continuous Probability Distribution, Binomial, Poisson and Normal distributions, their application in business world. Marginal, Conditional and Joint probability. |
|--------------------|--|
| | UNIT IV |
| | Theory of Estimation: Point Estimate and Interval estimates of mean and proportion of large and small samples, one samples Test of hypothesis, Two sample Test of hypothesis testing. |
| | UNIT V |
| | Introduction, Chi square as a test of hypothesis, Chi Square as a test of goodness fit. Analysis of variance, inferences about population variance, Introduction to time series. Variations in Time series Trend analysis. Cyclical variations, Seasonal variations, Irregular variations, Time series analysis & forecasting, Statistical Analysis using Excel. |
| | After completion of these courses the students will be able to: |
| | • Define the basic statistical concepts. |
| Course | • Explain simple linear regression and correlation analysis in business decision making. |
| Outcomes | • Explain time series with different structures and Trend. |
| | • Illustrate the basic concepts of probability and theoretical probability (binomial, normal) distributions. |
| | • Explain the concept of index numbers and its construction. |
| Text Books | Statistical technique in Business & Economics, Lind, Marchal & Wathen, McGraw Hill Education, 16th Edition, 2017. |
| | 1. Business Statistics, Ken Black, Wiley India, 7thEdition, 2018. |
| Reference Books | 2. Fundamentals of Business Statistics, J.K Sharma, Vikas Publishing house |
| | Pvt ltd, New Delhi, 2 nd Edition, 2018. |
| | Statistics for Management, Prentice Levin and Rubin, Pearson, 7th Edition, 2018. |
| | Business Statistics in practice, Bruce L. Bowerman, Tata Mc Graw Hill, 7th Edition, 2018 |

| E Books: |
|--|
| Introductory Statistics: Concepts, Models and Applications, http://www.pdftitles.com/book /13223/introductory-statistics concepts- models-and Applications, 1996. Business Statistics, https://www.pinterest.com/pin/760404718307803413/, 2008. |

| Course Title | Entrepreneurial Development | | | | | | |
|----------------------|--|--|---|--|--|--|--|
| Course Code | MPGD 108 | | | | | | |
| Course Credits | L | Т | Р | ТС | | | |
| | 3 | 1 | | 4 | | | |
| Prerequisites | Basic concept of Entrepreneur | | | | | | |
| Course Objectives | • This course aims to provide necessary input for entrepreneurial effort and planning the start of new venture to enable them to investigate, understand and internalize the process of setting up a business. | | | | | | |
| Course Contents | Develop entrepret entrepret entrepret UNIT II Entrepret class Th entrepret Entrepret of innov ideas, Im UNIT II New Ve acquiring franchise Develop analysis, | ment neuri neurs neurs neurs neuri neuri neuri neuri neuri neuri neuri neuri neuri neurs neuri neurs neurs neurs neurs neurs | ; Fact al apj ; E hip; E hip; E ship; E al lead ship- (e idea ments e Plan ongoi orks, a Mar os in pectiv | Developme ntrepreneu Entrepreneu Entrepreneu dership, Co Opportunit s; Entrepr to creativ ning: Met ing ventur franchisin keting pla marketing es in busi | trepreneurship; Role of entrepreneurship in economic cting emergence of entrepreneurship; Managerial vs. ypes of Entrepreneurs. Characteristic of successful rship process; Women Entrepreneurs; Social arial challenges ent and Leadership: Types of startups; Entrepreneurial training; EDP Programmer; Characteristics of omponents of Entrepreneurial Leadership; International ies and challenges; Entrepreneurial Challenges; Source reneurship and creativity; Techniques for generating ity. hods to Initiate Ventures; Acquisition-Advantages of e and examination of key issues; Franchising - how a ng law, evaluating of franchising opportunities; an-customer analysis, sales analysis and competition research, Marketing Mix; Business Plan-benefits of iness plan preparation, elements of a business plan; | | |

| | UNIT IV | | | | | | |
|--------------------|--|--|--|--|--|--|--|
| | Financing Venture: Financing Stages; Sources of Finance; Venture Capital; Criteria for evaluating new venture proposals; Evaluating Venture Capital- process; Sources of financing for Indian entrepreneurs. | | | | | | |
| | UNIT V | | | | | | |
| | Special Issues for Entrepreneurs: Legal issues – Forming business entity, considerations and criteria, requirements for formation of a Private/Public Limited Company, Intellectual Property Protection- Patents, Trademarks and Copyrights – importance for startups, Legal acts governing business in India; International entrepreneurship- opportunities and challenges; Intrapreneurship. | | | | | | |
| | After completion of these courses the students will be able to: | | | | | | |
| | • Explain the concept of entrepreneurship. | | | | | | |
| | • Explain theories of entrepreneurship. | | | | | | |
| Course | • Summarize the problems faced by a woman entrepreneur. | | | | | | |
| Outcomes | • Apply a project idea. | | | | | | |
| | • Interpret the sources of institutional finance. | | | | | | |
| | • Demonstrate the importance of small-scale industries and Government initiatives for their promotion. | | | | | | |
| Text Books | Holt, David H., Entrepreneurship: New Venture Creation, PHI Learning. Hishrich., Peters, Entrepreneurship: Starting, Developing and Managing a New Enterprise, Irwin. | | | | | | |
| | 1. Kumar, Arya, Entrepreneurship: Creating and Leading an Entrepreneurial | | | | | | |
| | Organization, Pearson, India. | | | | | | |
| Reference Books | 2. Allen, K.R., Launching New Ventures: An Entrepreneurial Approach, | | | | | | |
| | Cengage Learning. | | | | | | |
| | 3. Ramachandran, K., Entrepreneurship Development, Tata McGraw Hill, | | | | | | |
| | India. | | | | | | |
| | 4. Robert, H. M., Manimala, M. Peters, and D. Shepherd, Entrepreneurship, | | | | | | |
| | Tata McGraw Hill, India | | | | | | |
| | 5. Natarajan., K and E. Gordon, Entrepreneurship Development, Himalaya | | | | | | |
| | Publication, India. | | | | | | |
| | 6. Vasant., Desai, Small- Scale Industries and Entrepreneurship, | | | | | | |

| HimalayaPublication, India. |
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