| Class       | Course                                | Outcomes  |
|-------------|---------------------------------------|---|
|             |                                       |   |
|             |                                       | In this paper students will learn the social issues pertaining to India.  |
| FY.BA SEM-I | Foundation Course-I                   | This paper will help to make students aware socially and their personality.   |
|             | Foundation Course-1                   | Learner will learn the importance of the Indian Constitution and basic Human rights.  |
|             |                                       | Students will able to learn the political process at local level.   |
|             |                                       |   |
|             |                                       | Understand the difference and usage of antonyms and synonyms.   |
|             |                                       | Understand the editing of headings,headlines, titles.   |
|             | Communication Skill-I                 | Understand the use of capital letters, punctuations.  |
|             | Communication 5km-1                   | Students learn use of articles, prepositions, transformation of sentences.  |
|             |                                       | Students learn use of articles, prepositions, transformation of sentences.  |
|             |                                       | Students learn use of articles, prepositions, transformation of sentences.  |
|             |                                       |   |
|             |                                       | To speak grammatically correct Hindi.   |
|             | Kannada/Hindi-I                       | To encourage skills of creative writing in Hindi.   |
|             |                                       | To learn to prepare different kinds of documents in Hindi .   |
|             |                                       |   |
|             |                                       | Be acquainted with the brief history of the making of the Constitution.   |
|             | Political Science-I                   | Be able to explain the Preamble to the Indian Constitution.   |
|             | 1 Officar Science-1                   | Be able to describe basic features of the Indian Constitution.  |
|             |                                       | Be able to explain Fundamental Rights and Directive principles.   |
|             |                                       |   |
|             |                                       | To understand meaning, scope, nature and importance of microeconomics, and to understand basic economic problems              |
|             | Economics-I (<br>Microeconomics - I ) | To understand the ten principles of economics.  |
|             | Microeconomics - 1)                   | To understand the markets and demand and supply theory.   |
|             |                                       | To understand the consumer's behaviour  |
|             |                                       |   |
|             |                                       |   |
|             |                                       | 1. Lerner will understand the contribution of the Moderates, Extremists and revolutionaries in the struggle for India's       |
|             | History-I History of                  | independence.   |
|             | Modern India (1857 to                 | 2. Lerner will also understand the important movements and Acts passed during the period from 1857 to 1947.                   |
|             | 1947)                                 | 3. In the second semester learner will able to understand changes or reforms happened at the social, economic and educational |
|             |                                       | fields.   |

4. Learner will understand the contribution of Freedom fighters.



| FY.BA SEM-II Foundation Course-II  Communication | Learner will able to understand the conept of Liberalization, Privatization, Globalization.  Students will also learn the evolution of Human Rights and Fundamental Rights.  Ecological and Environmental concepts are also discussed in the course.  The Topics also covered managing Stress, Conflicts and Contemporary society Challenges.  To enhance language proficiency by providing adequate exposure to reading and writing skills.  To orient the learners towards the functional aspects of language.  To increase the range of lexical resource through a variety of exercises.  To speak grammatically correct Hindi.  To encourage skills of creative writing in Hindi .  To learn to prepare different kinds of documents in Hindi . |
|--|---|
| Communication                                    | Ecological and Environmental concepts are also discussed in the course.  The Topics also covered managing Stress, Conflicts and Contemporary society Challenges.  To enhance language proficiency by providing adequate exposure to reading and writing skills.  To orient the learners towards the functional aspects of language.  To increase the range of lexical resource through a variety of exercises.  To speak grammatically correct Hindi.  To encourage skills of creative writing in Hindi .   |
| Communication                                    | The Topics also covered managing Stress, Conflicts and Contemporary society Challenges.  To enhance language proficiency by providing adequate exposure to reading and writing skills.  To orient the learners towards the functional aspects of language.  To increase the range of lexical resource through a variety of exercises.  To speak grammatically correct Hindi.  To encourage skills of creative writing in Hindi .  |
| Communication                                    | To enhance language proficiency by providing adequate exposure to reading and writing skills.  To orient the learners towards the functional aspects of language.  To increase the range of lexical resource through a variety of exercises.  To speak grammatically correct Hindi.  To encourage skills of creative writing in Hindi.  |
| Communication                                    | To orient the learners towards the functional aspects of language.  To increase the range of lexical resource through a variety of exercises.  To speak grammatically correct Hindi.  To encourage skills of creative writing in Hindi .  |
| Communication                                    | To orient the learners towards the functional aspects of language.  To increase the range of lexical resource through a variety of exercises.  To speak grammatically correct Hindi.  To encourage skills of creative writing in Hindi.   |
| Communication                                    | To increase the range of lexical resource through a variety of exercises.  To speak grammatically correct Hindi. To encourage skills of creative writing in Hindi .   |
|  | To speak grammatically correct Hindi. To encourage skills of creative writing in Hindi .  |
|  | To encourage skills of creative writing in Hindi .  |
|  | To encourage skills of creative writing in Hindi .  |
| Kannada/ Hindi-II                                | ·   |
| Kamada imdi-ii                                   |   |
|  | 10 reals to prepare different kinds of documents in finial.   |
|  | To understand the nature of Indian federalism. To comprehend Centre-State relations with reference to fiscal and emergency powers.  |
|  | To understand functioning of Political Parties in Indian democracy  |
| Political Science-II                             | To distinguish between National parties and regional parties  |
|  | To learn about the concept of Social Dynamics and its relevance in India  |
|  | To understand the concept of National Security and enhance awareness of challenges to national security   |
| Economics-II ( Mic                               | To understand production analysis, total, average and marginal product, law of variable proportion and return of scale, Isoquant and producers equilibrium.   |
| Economics - II)                                  | To plan money cost, real cost, social, private, explicit and implicit, opportunity cost, Total average and marginal cost  |
|  | To understand types of revenue, marginal productivity of rent, wages, interest,   |
|  | To understand the factor pricing.   |
|  | To understand the Equilibrium in different market structure.  |
|  |   |
| History - I Histor                               |   |
| of Modern India Societ                           | 2. Paper covered the educational contribution of the British towards India  |
| and Economy.                                     | 3. Learner will able to understand economic effects of Commercial policies of the British over Indian Economy.  |
|  | 4. Learner will study the movements led by Women, Peasants and tribals.   |



|              | Course   | Outcomes   |
|--------------|--|--|
| Y.BA SEM-III |  | Understanding the constitutional rights/legal rights of the vulnerable people.   |
|              | Foundation Course II                             | Students will able to understand te the different types of disaster and their mitigation, efforts of the government in that respect.   |
|              |  | To acquiant students with history of science and technology.   |
|              |  | Learner will also understand the communication skills required for in an organization  |
|              | Datista de Calanda Mi                            | Description of the second of t |
|              | Political Science III                            | Be acquainted with the meaning, scope and significance of Public Administration  Be acquainted with basic principles and theories of Organisation such as Bureaucratic Theory, Motivational theories and  Leadership theories  |
|              | Public Administration                            | Be familiar with the contemporary techniques and practices in Administration such as Good governance, ethics in public administration and Public Private Partnership   |
|              |  | Students learn political theories like traditional, contemporary and modern theories.  |
|              | Political Science II                             | Concepts like state theories of state, nation, nationalism, civil society and market.  |
|              | Political Theory                                 | Learn about Rights, types of rights. They also learn meaning and types of liberty, equality, justice.  |
|              |  | They learn Political Obligation, Resistance, Satyagraha and Gandhism.  |
|              |  | To understand meaning and scope of macro economics. and National income.   |
|              | Economics-II                                     | To understand the concept of consumption and investment and its theory.  |
|              | (Macroeconomics -I)                              | To understand supply of money and demand for money   |
|              |  | To understand banking sector and function of commercial bank.  |
|              | Farmenias III.                                   | To understand the meaning and scope of public finance, Principles of sound finance and functional finance.   |
|              | Economics-III ( Public Finance)                  | To understand the Fiscal Policy - Budget and Taxation.   |
|              | rublic Phiance)                                  | To understand the Fiscal Policy - Public Expenditure and Debt  |
|              |  | To understand the Indian Public Finance  |
|              |  | Learn about the causes and Effects of the French revolution.   |
|              | History II Landmarks in                          | 2. Understand the Napoleons internal reforms.  |
|              | World History                                    | 3. Learner will learn the major events happened in the world which had impact on all over world.   |
|              |  | 4. Students learn Renaissance, reformation, Science progress, navigation and an all round development.   |
|              | History III Ansiest                              | 1. To acquaint the students with different sources of Ancient Indian History.  |
|              | History III Ancient<br>India from Earliest Times | 2. To enable the students to understand the political, socio-economic and cultural developments in the period under study and  |
|              | to 1000 A.D.                                     | appreciate the rich cultural heritage in India.  |
|              |  | To understand the dynasties rose and downfall in ancient India.      To understand the rise and fall of Jain and Buddhist religion.  |
|              |  | 4. To understand the fise and fail Of Jani and Buddinst rengion.   |
|              |  | Understand different types of medias in detail   |
|              | Applied Component:                               | Understand media planning and media research   |
| l            | Advertising                                      | Understand ad campaign and ad budget. understand creativity in advertising Understand elements of advertisement  |
| 1            | 1  | Understand elements of advertisement   |

| Class        | Course                    | Outcomes  |
|--------------|---------------------------|---|
|              |                           | 1. To understand the Contemporary Rights of Citizens. 2. Paper covered the different approaches to understand Ecology. 3.                     |
| SY.BA SEM-IV | Foundation Course         | Understand the modern technologies and features and applications of technology. 4. Learner will understand the soft skills                    |
|              |                           | required for competitive Exam.  |
|              |                           |   |
|              |                           | Understand Constitutional background and salient features of Indian administration  |
|              | Political Science III     | Familiar with the District administration organisation since independence   |
|              | Indian administration     | Understand the mechanism of financial administration by learning budgetary process and knowing the role of Parliamentary Committees, and CAG. |
|              |                           | Understand the concepts of good governance and Citizen centric administration   |
|              |                           |   |
|              |                           | Students learn political values like power, authority and legitimacy align with examples.   |
|              | Political Theory Paper II | To facilitate understand the meaning of Politics and introduce learners to the approaches ln of Politics                                      |
|              |                           | To acquaint the students with the basic concepts of Political Science   |
|              |                           |   |
|              | History -III History of   | 1. Students will learn the rise and fall of Mauryan and post mauryan dynasties in India.  |
|              | Ancient India             | 2. Learner will also able to understand the political, social and cultural contribution of Gupta Dynasty.                                     |
|              | Ancient maia              | 3. Topics also covered rise of the Rajputs in India   |
|              |                           | 4. Students will also learn te major dynasties of Deccan and Sout India including spread of indian Culture in South East Asia.                |
|              |                           |   |
|              |                           | To enable the students to comprehend the transition of Europe from medieval to modern times and its impact on the world.                      |
|              | History-II                | To provide accurate knowledge of the most significant events and personalities of the period under study                                      |
|              |                           | encourage understanding of the making of the modern world.  |
|              |                           | Students will also understand the nationalist movement started in China, India and Indonesia.   |
|              |                           |   |
|              |                           | To understand the concept of Inflation  |
|              | Economics-II (Macro       | To understand the Economic Policy - Monetary Policy and Fiscal Policy.  |
|              | Economics - II )          | To understand the Post keynesian Economics.   |
|              |                           | To understand the External Sector - Balance of Payment and Foreign Exchange Rate.   |
|              |                           |   |
|              |                           | Understand different types of medias in detail  |
|              | Applied Component:        | Understand media planning and media research  |
|              | Advertising               | Understand ad campaign and ad budget  |
|              |                           | Understand creativity in advertising  |
|              |                           | Understand elements of advertisement  |
|              |                           |   |
|              |                           | To understand tiends in maia's National income and PCI Since 1990, structural changes in midian economy, overview of the                      |
|              | Economics-III (Indian     | To understand the Agriculture Sector  |
|              | Economy)                  | To understand infrastructure for Industrial Development ; Industrial Policies in India  |
|              |                           | To understand role of service sector in Indian economy.   |
|              | <u> </u>                  | and the state of the sector in maintain economy.  |

MULUND (E)

| Class        | Course                                  | Outcomes   |
|--------------|---|--|
|              |   | In this paper students will learn the basics of archaeology as a practical science   |
| TY.BA SEM-V  | History VI Introduction of              | 2. This paper will encourage the students to choose archaeology as a profession.   |
|              | Archaeology paper                       | 3. Students learn epigraphy and numismatics and contribution of British and Indian archaeologists.   |
|              |   | 4. Students get application of knowledge of archaeology in practical life.   |
|              |   |  |
|              |   | 1. Students will understand the factors responsible for the rise of Delhi sultanate and Mughal dynasty in India.   |
|              | History IV History of<br>Medieval India | 2. Learner will also understand the administrative reforms introduced during Sultanate and Mughal rule.  |
|              |   | 3. Students learn the cultural and religious development during Medieval India.  |
|              |   | 4. Students will learn historical sites of Medieval times  |
|              | History V History of                    | Students will learn the history of Maharashtra from the end of Peshwa rule to the establishment of separate state called Maharashtra.  |
|              | Modern Maharashtra                      | 2. This paper will also explain socio, religious and economic development during 19th and 20th century in Maharashtra.   |
|              |   | 3. This paper is crucial because it describe movements that led to the formation of Maharashtra.   |
|              |   | The paper elaborate the economic and social contribution of the reformers of Maharashtra.  |
| Class        | Course                                  | Outcomes   |
|              |   | In vi sem students learn indian political thinkers. Students understand the new state ideas from justice ranade, Gandhi. As concerned to nationalism opinions of Tagore and personality of veer savarkar impresses everyone. |
| TY.BA SEM-VI | Indian Political Thought V              | As concerned to radical reforms and revolution we learn G. G. Agarkar and Dr. Ambedkar, Constitution making and removal of untouchability.   |
|              |   | Regarding socialism Jawaharlal Nehru and lohia theoretical socialism and practical socialism we learn political social and economic equality   |
|              |   |  |
|              | History IV History of                   | To acquaint the students with the history of India since the emergence of the Mughal rule.   |
|              | Medieval India                          | 2. To understand administration of the Mughal Empire.  |
|              | Wiedle var mala                         | 3. To study the rise of the Maratha Power.   |
|              |   | 4. To study the religious condition during Mughal times.   |
|              | History V History of                    | To understand the features of the Indian Constitution.   |
|              | Contemporary                            | 2. Students will learn the political development happend during 1964 to 1984.  |
|              | Contemporary                            | 3. Learner will understand the India's relations with neighbouring Countries.  |
|              |   | 4. The paper discussed the emerging issues like Communalism, Separatists Movement.   |
|              |   |  |
|              |   | Students learn meaning and definition and importance of museology, Types of museum.  |
|              | Introduction to Museology               | 2. The course will enable the students to analyse the contribution of museums in disseminating knowledge in the society and in   |
|              | and Archival Science VII                | understanding the duties and responsibilities of curator.  |
|              | and Thom var bolonice vii               | 3. The students will appreciate the significance of archives in writing of history and the need and relevance of preservation and  |
|              |   | systematic management of these archival sources.   |
|              |   | 4. They would be made aware of the recent trend in digitisation of Archival records.   |



| Class             | Course                         | Outcomes   |
|-------------------|--------------------------------|--|
| FY.B.M.S<br>Sem-I |                                | To understand individual behaviour, personality, attitudes and thinking styles.  |
|                   | Foundations Of<br>Human Skills | To learn group dynamics, organizational process and systems.   |
|                   | Human Skills                   | To understand types of organizational culture and motivation concepts.   |
|                   |                                | To learn about organizational change and work stress.  |
|                   |                                |  |
|                   |                                | To understand the Accounting Standards and IFRS.   |
|                   | Introduction of                | To understand the concept of Expenditure and Receipts.   |
|                   | Financial Accounts             | To understand the preparation of Trial Balance and Final Accounts  |
|                   |                                | To understand the basic concept of book keeping with journal and ledger.   |
|                   |                                |  |
|                   | Business Law                   | To understand the different business related laws and application thereto.   |
|                   |                                | To know about Indian Contract Act, Sale of goods act, Negotiable Instruments act   |
|                   |                                | To know about Special contracts, Consumer Protection Act   |
|                   |                                | To know about Company Laws and IPR laws  |
|                   |                                |  |
|                   |                                | To familiarize the students with fundamental statistical tools   |
|                   | Business Statistics            | To understand statistical definition and concept and use them correctly  |
|                   | Dusiness Statistics            | To provide primary knowledge regarding mathematical techniques to be used in managerial decision making  |
|                   |                                | To analyzing the statistical tool in the business data.  |
|                   |                                |  |
|                   | Business                       | The different modes and methods of communication helps the students to refresh their knowledge on video conferencing, fax though now not in use  |
|                   | Communication-I                | The business ethics and the different social problems which surface out in the society are given, hands on experience, with the case studies which help the students become the responsible citizens                   |
|                   |                                | to understand the obstacles in communication   |
|                   |                                | to understand the writing skills, report writing etc   |
|                   |                                |  |
|                   |                                | The programme provides the student with the capacity to identify issues and problems relating to the realization of Indian society and its hierarchy.  |
|                   | Foundation Course-I            | To understand the concept of relating to the realization of Indian society and its hierarchy, concept of , purity and pollution, Social Interdisciplinary, Varna, Caste, and Other Divisions, concept of human rights. |
|                   |                                | understanding to Indian constitution and important constitutional rights, Environment, and ancient scientific development with new science.  |
|                   |                                | It develop investigative and analytical skills.  |

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|                      | To understand the role and working of business economics            |
|----------------------|---|
| Business Economics-I | To apply the economic rules and principles in day to day daily life |
|                      | To apply economic policies in professional environment              |



| Class              | Course                     | Outcomes  |
|--------------------|----------------------------|---|
| FY.B.M.S<br>Sem-II |                            | Understand basic fundamentals of business   |
|                    | Business Environment       | Understand business environment and its analysis  |
|                    |                            | Understand political and economic factors affecting business  |
|                    |                            | Understand the concept of GATT, WTO ,MNC.   |
|                    |                            | To learn the challenges faced by international Business .   |
|                    |                            | To get knowledge of Investment opportunities for indian Industry.   |
|                    |                            |   |
|                    |                            | To understand the different labour laws which help in understanding the meaning of socialism/socialist word imbibed in the constitution under the 42nd amendment act. |
|                    | Industrial Law             | To understand Industrial disputes act, Trade unions act, factories act  |
|                    |                            | To understand ESIC act, Provident fund act  |
|                    |                            | To understand payment of wages act, payment of bonus act  |
|                    |                            |   |
|                    |                            | To understand the concept of Marketing and its scope.   |
|                    | Principles of<br>Marketing | To understand the consumer Behavior.  |
|                    | Marketing                  | To Learn Marketing Mix.   |
|                    |                            | To understand the Segmentation, Targeting and Positioning in Marketing.   |
|                    |                            | To learn the communication skills in terms of Business  |
|                    |                            | To get personally develop with the fundamentals of communication  |
|                    | Business                   | To be groomed with body language and performance  |
|                    | Communication-II           | To built up leadership capabilities and group dynamics  |
|                    |                            | To get better knowledge of communication with others  |
|                    |                            | To get better knowledge of communication with others  |
|                    |                            | To understand the basic concepts, functions and methods of mathematical techniques.   |
|                    |                            | To understand mathematical definition and use them correctly  |
|                    | Business Mathematics       | Demonstrate an understanding of the common body of knowledge in mathematics.  |
|                    |                            | Use mathematical ideas to model real world problems   |
|                    |                            | •   |
|                    |                            | To understand basic concepts related to business organisations  |
|                    |                            | To learn concept of business environment and business environmental analysis  |
|                    | Business Environment       | To understand factors of micro environment  |
|                    | Dusiness Environment       | To understand factors of macro environment  |
|                    |                            | To understand various upcoming sectors in Indian economy  |

|  |                          | To understand functions of WTO                        |
|--|--------------------------|---|
|  |                          |   |
|  |                          | To understand the process of management               |
|  | D: :1 C                  | To understand the working of an business organisation |
|  | Principles of Management | To inculcate basic managerial skills                  |
|  |                          | To understand how the skills can be executed.         |
|  |                          | To apply strategic organisation planning              |



| Information Technology in usiness Management- I  Environmental Management | An understanding of the major functional disciplines: management, marketing, finance, and accounting competency in business writing and presentation skills.  An understanding of ethical practices in organizations.  The ability to use different methodologies for recognizing, analyzing, and solving problems in an organizational context (critical thinking).  The ability to work effectively in teams to accomplish organizational goals.  Appreciate concepts and methods from ecological and physical sciences and their application in environmental problem solving.  Appreciate the ethical, cross-cultural, and historical context of environmental issues.  To understand the links between human and natural systems.  To understand the interrelation between Environment and human's activity.  To gain in depth knowledge of the professional standards, principles and procedures regarding preparation of financial |
|---|---|
| Technology in usiness Management- I  Environmental Management             | An understanding of ethical practices in organizations.  The ability to use different methodologies for recognizing, analyzing, and solving problems in an organizational context (critical thinking).  The ability to work effectively in teams to accomplish organizational goals.  Appreciate concepts and methods from ecological and physical sciences and their application in environmental problem solving.  Appreciate the ethical, cross-cultural, and historical context of environmental issues.  To understand the links between human and natural systems.  To understand the interrelation between Environment and human's activity.  To gain in depth knowledge of the professional standards, principles and procedures regarding preparation of financial   |
| usiness Management-I  Environmental Management                            | The ability to use different methodologies for recognizing, analyzing, and solving problems in an organizational context (critical thinking).  The ability to work effectively in teams to accomplish organizational goals.  Appreciate concepts and methods from ecological and physical sciences and their application in environmental problem solving. Appreciate the ethical, cross-cultural, and historical context of environmental issues.  To understand the links between human and natural systems.  To understand the interrelation between Environment and human's activity.  To gain in depth knowledge of the professional standards, principles and procedures regarding preparation of financial   |
| I Environmental Management  | thinking).  The ability to work effectively in teams to accomplish organizational goals.  Appreciate concepts and methods from ecological and physical sciences and their application in environmental problem solving.  Appreciate the ethical, cross-cultural, and historical context of environmental issues.  To understand the links between human and natural systems.  To understand the interrelation between Environment and human's activity.  To gain in depth knowledge of the professional standards, principles and procedures regarding preparation of financial   |
| Environmental<br>Management   | The ability to work effectively in teams to accomplish organizational goals.  Appreciate concepts and methods from ecological and physical sciences and their application in environmental problem solving.  Appreciate the ethical, cross-cultural, and historical context of environmental issues.  To understand the links between human and natural systems.  To understand the interrelation between Environment and human's activity.  To gain in depth knowledge of the professional standards, principles and procedures regarding preparation of financial   |
| Environmental<br>Management   | Appreciate concepts and methods from ecological and physical sciences and their application in environmental problem solving.  Appreciate the ethical, cross-cultural, and historical context of environmental issues.  To understand the links between human and natural systems.  To understand the interrelation between Environment and human's activity.  To gain in depth knowledge of the professional standards, principles and procedures regarding preparation of financial   |
| Environmental<br>Management   | Appreciate the ethical, cross-cultural, and historical context of environmental issues.  To understand the links between human and natural systems.  To understand the interrelation between Environment and human's activity.  To gain in depth knowledge of the professional standards, principles and procedures regarding preparation of financial  |
| Management  | To understand the links between human and natural systems.  To understand the interrelation between Environment and human's activity.  To gain in depth knowledge of the professional standards, principles and procedures regarding preparation of financial   |
| -   | To understand the interrelation between Environment and human's activity.  To gain in depth knowledge of the professional standards, principles and procedures regarding preparation of financial   |
|   | To understand the interrelation between Environment and human's activity.  To gain in depth knowledge of the professional standards, principles and procedures regarding preparation of financial   |
|   | To gain in depth knowledge of the professional standards, principles and procedures regarding preparation of financial  |
|   |   |
|   | Statement.  |
|   | That will help in detailed analysis and interpretation of financial statements.   |
| Accounting for<br>Ianagerial Decisions                                    | Gauge the health of the organisation with reference to liquidity, acitivity, leverage, profitability and investment.  |
|   | To carry out necessary adjustment in funds from operation to arrive at the figure of cash operations.   |
|   | And to take decision on managing long term and short term funds.  |
| Rusiness Planning &   | Understand importance of entrepreneurship   |
|   | Know functions of EDPs conducted by various Government initiated institutions   |
| M   | Know options available to entrepreneurs   |
|   | Understand the concept of Strategic Management.   |
| -   | Understand what managers do in the strategic management process.  |
| ŀ   | Understand what managers do in the strategic management process.  |
| trategic Management   | Understand how Benchmarking can be used to find better ways in having things done for the corporation.  |
|   | Understand the importance of strategic management for the organisation's continuity, survival and success.  |
|   | 21.3H   |
|   | Management  ategic Management   |

|  | Marketing group         |  |
|--|-------------------------|--|
|  | 1.Consumer<br>Behaviour | Understanding the concept of consumer behaviour  |
|  |                         | Understanding types of consumer behaviour  |
|  |                         | Understanding theories of motivation behind consumer behaviour   |
|  |                         | Understanding determinants of consumer behaviour   |
|  |                         | Understanding process of consumer decision making  |
|  |                         |  |
|  |                         | To understand and examine the growing importance of advertising  |
|  |                         | To understand the construction of an effective advertisement   |
|  | 2.Advertising           | To understand the role of advertising in contemporary scenario   |
|  |                         | To understand the future and career in advertising   |
|  |                         |  |
|  |                         | Human Resource Group   |
|  |                         | To introduce key concepts of Recruitment and Selection   |
|  | 1.Recruitment &         | To familiarize the students with principles and procedure of Recruitment and Selection in an Organization.                 |
|  |                         | To understand the sources of Recruitment.  |
|  | Selection               | To understand the Technique of Recruitment.  |
|  |                         | To provide the students with basic understanding of Induction, orientation and current trends in Recruitment and Selection |
|  |                         | Learner will develop the soft skills.  |
|  |                         |  |
|  |                         | Understand the nature and importance of employee relations in an organisation.   |
|  | 2.Employees relation    | Understand the importance of collective bargaining and workers participation.  |
|  | welfare                 | Understand the causes and effects of employee grievances as well as the procedure to solve the same.                       |
|  |                         | Understand the concepts of theories Employee Welfare.  |



| SY.B.M.S Sem-IV  Business Economics-II To understand the concepts of business economics To apply business economics in professional environment To understand about the foreign exchange market  To understand the concept of Research Learn formulation of Hypothesis To understand the concept of data collection and processing To understand the various Method of Data Analysis. To learn the layout of Research Report . |                 |
|--|-----------------|
| Business Economics-II To apply business economics in professional environment To understand about the foreign exchange market  To understand the concept of Research Learn formulation of Hypothesis To understand the concept of data collection and processing To understand the various Method of Data Analysis.  |                 |
| To understand about the foreign exchange market  To understand the concept of Research Learn formulation of Hypothesis To understand the concept of data collection and processing To understand the various Method of Data Analysis.  |                 |
| Business Research Methods  To understand the concept of Research Learn formulation of Hypothesis  To understand the concept of data collection and processing  To understand the various Method of Data Analysis.  |                 |
| Business Research Methods  Learn formulation of Hypothesis  To understand the concept of data collection and processing  To understand the various Method of Data Analysis.  |                 |
| Business Research Methods To understand the concept of data collection and processing To understand the various Method of Data Analysis.   |                 |
| Methods To understand the concept of data collection and processing To understand the various Method of Data Analysis.   |                 |
| To understand the various Method of Data Analysis.   |                 |
| To learn the layout of Research Report .   |                 |
|  |                 |
|  |                 |
| To understand managerial decision-making and to develop perceptive of major functional area of MIS   |                 |
| Information Technology in  Study of ERP planning, Supply chain management CRM, key challenges and trends.  |                 |
| Business Management- II  To learn and understand relationship between database management and data warehouse approaches, the requirapplications of data warehouse.   | rements and     |
| To learn outsourcing concepts. BPO/KPO industries, their structures, cloud computing.  |                 |
|  |                 |
| Understand concept of production management  |                 |
| Production & Total Understand scope of inventory management in detail  |                 |
| Quality Management Understand concept of TQM   |                 |
| Understand quality improvement techniques and SQM  |                 |
|  |                 |
| To understand the significance of business   |                 |
| To learn the applicability of ethics   |                 |
| Ethics & Governance To understand the need and importance of good governance.  |                 |
| To study ethical business practices and CSR  |                 |
| Various corporate governance practices.  |                 |
|  |                 |
| Marketing group  |                 |
| 1.Integrated Marketing  To equip the students with knowledge about the nature, purpose and complex construction in the planning and effective Integrated Marketing Communication (IMC) program.  | execution of an |
| Communication & Advertising  To understand the various tools of IMC and the importance of coordinating them for an effective marketing comprogram.   | nmunication     |



|                                 | To understand different elements of Marketing like advertising, PR, Internet marketing, Sales promotion.  |
|---------------------------------|---|
|                                 | To be able to strategize the entire marketing activities for a brand.   |
|                                 | Helps to understand importance of Tourism   |
|                                 | To understand Cultural ,social attraction for Tourism   |
| 2.Tourism Marketing             | To understand different phases of Tourism   |
|                                 | To understand different types of Tourism  |
|                                 | To understand challenges for Indian Tourism industry  |
|                                 | It has been successful managerial performance depends on the individual's ability to observe, interpret the issues and modify happroach and behaviour.      |
| 177                             | All organizations need to pay adequate attention to equip their employees.  |
| 1.Training & Development in HRM | Rapid progress in technology has changed not only in the physical facilities but also in the abstract qualities required of the me who are using them.      |
|                                 | This paper will attempt to orient the students to tailor themselves to meet the specific needs of the organizations in training and development activities. |
|                                 |   |
|                                 | To understand how to overcome resistance to change  |
| 2.Change management             | To understand importance of coaching & mentoring  |
|                                 | To understand how to manage teamwork in team & work with team   |
|                                 | To understand different models of change  |
|                                 | Understand the nature and importance of employee relations in an organisation.  |
|                                 | Understand the importance of collective bargaining and workers participation.   |
| Employee Relations              | Understand the causes and effects of employee grievances as well as the procedure to solve the same.  |
| (HR)                            | understand the concepts of theories Employee Welfare.   |
|                                 | Understand the concept of Strategic Management  |
| Strategic Management            | Understand what managers do in the strategic management process   |
|                                 | Understand how Benchmarking can be used to find better ways in having things done for the corporation.  |
|                                 | Understand the importance of strategic management for the organisation's continuity, survival and success.  |
|                                 |   |



| Course                           | Outcomes  |
|----------------------------------|---|
|                                  | To enhance customer service reduce cost through effective logistics & supply chain management   |
| Logistics & supply               | To understand inventory planning, transportation, warehousing,packaging & other functions in  |
| Chain Management                 | detail.   |
|                                  | It cover all the challenges & trends in industry.   |
|                                  | To understand supply chain management process of transforming into final product.   |
|                                  |   |
|                                  | To understand various elements of corporate communication   |
| Corporate                        | To understand role of corporate communication in managing organisation  |
| Communications &                 | To understand importance of coordinating elements of corporate communication and public relations   |
| Public Relations                 | To understand various theories and practices associated with corporate communication and public relations   |
|                                  | To know role of technology in corporate communication and public relations  |
|                                  |   |
|                                  | Marketing group   |
|                                  | To understand fundamentals of service marketing   |
| 1.Service Marketing              | To understand different models of service marketing   |
|                                  | To understand service marketing in various sectors  |
|                                  |   |
|                                  | To understand increasing significance of E-Commerce and its applications in business and Various Sectors.   |
| 2.E-Commerce & Digital Marketing | To provide an insight on Digital Marketing activities on various Social Media platforms and its emerging significance in Business.  |
|                                  | To understand Latest Trends and Practices in E-Commerce and Digital marketing, along with its Challenges and Opportunities for an Organisation  |
|                                  | Develop understanding of the sales and distribution process in organisations.   |
| 2 Salac & Distribution           | Get familiarised with concepts of sales department.   |
|                                  | Understand the working of Distribution Channel Management.  |
|                                  | Understand the Ethics in Sales Management.  |
|                                  | onerstand the Sunes in Sures (Amingonion)   |
|                                  | To understand concept of Customer Relationship Management (CRM)   |
| 4.Customer                       | To learn how to implementation of Customer Relationship Management  |
| Relationship<br>Management       | To provide insight into CRM marketing initiatives, customer service and designing CRM strategy  |
|                                  | To understand new trends in CRM, challenges and opportunities for organisations   |
|                                  | Logistics & supply Chain Management  Corporate Communications & Public Relations  1.Service Marketing  2.E-Commerce & Digital Marketing  3.Sales & Distribution Management  4.Customer Relationship |



| Human Resource                        |   |
|---------------------------------------|---|
| Group                                 |   |
|                                       | Understand concept & objective of compensation plans.   |
| 1. Finance / HR                       | Understand financial & non financial compensation plans.  |
| Professionals &                       | Understand different incentive plans for Executive, managers & sales person                                     |
| Compensation                          | Understand concepts & factore of wage differentials & wage theories   |
| Management                            | Understand compensation for special group.  |
|                                       | Understand Human resource accounting & recent trend in compensation to them                                     |
|                                       | Understand human resource management from a strategic perspective.  |
| 2.Strategic Human Resource management | understand to link the HRM functions to corporate strategies in order to understand HR as a strategic resource. |
| & HR Policies                         | Understand the relationship between strategic human resource management and organizational performance          |
|                                       | Apply theories and concepts relevant to strategic human resource management in contemporary organizations.      |
|                                       | Understand the purpose and process of developing Human Resource Policies.                                       |
| 3.Performance                         | Understand the purpose and process of developing Human Resource Policies.                                       |
| management & career                   | To review performance appraisal systems.  |
| planning                              | To understand the significance of career planning and practices.  |
|                                       | Introduction to industrial relations, understand its meaning, relevance, scope and use in industries            |
| 4.Industrial Relations                | Concept of liberalisation, privatisation and globalisation and its impact on industrial relations in India.     |
|                                       | Understand concept of collective bargaining, importance, scope, process .                                       |
| Sales & Distribution                  | Develop understanding of the sales and distribution process in organisations.                                   |
|                                       | Get familiarised with concepts of sales department.   |
| Management                            |   |
| Management (Marketing)                | Understand the working of Distribution Channel Management.  |



| Class            | Course                        | Outcomes  |
|------------------|-------------------------------|---|
| TYBMS Sem-<br>VI |                               | Identify and develop operational research models from the verbal description of the real system.  |
|                  | 1.Operation Research          | Understand the mathematical tools that are needed to solve optimisation problems.   |
|                  | 1. Operation Research         | Use mathematical software to solve the proposed models  |
|                  |                               | Develop a report that describes the model and the solving technique, analyse the results and propose recommendations in language understandable to the decision-making processes in Management Engineering. |
|                  | 2.Marketing Group             | To understand the meaning and significance of Brand Management.   |
|                  | 1 D 1 M                       | To know how to build, sustain and grow brands.  |
|                  | 1.Brand Management            | To know the various sources of brand equity.  |
|                  |                               | To understand astall concents and argustions  |
|                  |                               | To understand retail concepts and operations  To understand types of retailer   |
|                  | 2. Retail Management          |   |
|                  | 2. Retail Wallagement         | To understand legal and ethical aspect of retail  |
|                  |                               | To create awareness of emerging trends.   |
|                  |                               | To create awareness of emerging ucitus.   |
|                  |                               | To understand international marketing, its advantages and challenges  |
|                  | 3.International               | To provide an insight on the dynamics of international marketing  |
|                  | Marketing                     | To understand the relevance of international marketing mix decisions and recent developments in Global Market   |
|                  |                               | To understand Media Planning, Strategy and Management with reference to current business scenario.  |
|                  | 4.Media Planning & Management | To know the basic characteristics of all media to ensure most effective use of advertising budget.  |
|                  |                               | To provide an insight on Media Planning, Budgeting, Scheduling and Evaluating the Different Media Buys.   |
|                  |                               |   |
|                  |                               | To introduce the students to the study and practice of IHRM   |
|                  | 3.Human Resource              | To understand the concepts, theoretical framework and issue of HRM in Global Perspective  |
|                  | Group 1.HRM in                | To get insights of the concepts of expatriates and repatriates  |
|                  | global perspective            | To find out the impact of cross culture on Human Resource management  |



|   |                        | To provide information about Global Workforce management                                       |
|---|------------------------|--|
|   |                        | To study international HRM Trends and Challenges   |
|   |                        |  |
|   |                        | To understand the concept of OD  |
|   | 2.Organizational       | The issues and challenges of OD while undergoing change.                                       |
|   | Development            | To understand the phases of OD   |
|   |                        | To study OD intervention   |
|   |                        |  |
|   |                        | To understand issues & challenges of HR in labour  |
|   | 3.HRM in service       | Helps to understand how to tackle with attrition of the employes                               |
|   | Sector Management      | To understand the ways to retain employee  |
|   |                        | To understand globalisation of services  |
|   |                        |  |
|   |                        | To understand techniques of handling diverse workforce.  |
|   | 4. Diversify Workforce | To know the challenges of handling diverse workforce.  |
|   |                        | To learn about policies to maintain diverse workforce.   |
|   |                        |  |
|   |                        | To understand concept of Customer Relationship Management (CRM)                                |
|   | Management             | To learn how to implementation of Customer Relationship Management                             |
| ( | Customer Relationship  | To provide insight into CRM marketing initiatives, customer service and designing CRM strategy |
|   |                        | To understand new trends in CRM, challenges and opportunities for organisations                |



| Class    | Course  | Outcomes   |
|----------|---|--|
| FY.B.M.M |   | To make the students aware of functional and operational use of language in media.                             |
| Sem-I    |   | To equip or enhance students with structural and analytical reading, writing and thinking skills.              |
| Selli-I  | Effective Communication -I  | To introduce key concepts of communications.   |
|          |   | To introduce students to the history, evolution and the development of Mass Communication in the world with    |
|          |   | special reference to India.  |
|          |   |  |
|          | Fundamentals of Mass  | To study the evolution of Mass Media as an important social institution.                                       |
|          | Communication   | To understand the development of Mass Communication models.  |
|          | Communication   | To develop a critical understanding of Mass Media.   |
|          |   |  |
|          |   | To understand the concept of New Media and Media Convergence and its implications.                             |
|          | Foundation Course-I   | To help them understand the constitution of India.   |
|          |   | To acquaint them with the socio-political problems of India.   |
|          |   |  |
|          |   | To provide learners with overview on current developments in various fields.                                   |
|          | Current Affairs   | To generate interest among the learners about burning issues covered in the media                              |
|          | Current Arrains   | To equip them with basic understanding of politics, economics, environment and technology so that students can |
|          |   | grasp the relevance of related news.   |
|          |   |  |
|          |   | Learner will be able to understand Media history through key events in the cultural history.                   |
|          | History of Media  | To enable the learner to understand the major developments in media history.                                   |
|          |   | To enable the learner to understand the major developments in media history.                                   |
|          |   | To understand the values that shaped and continues to influence Indian mass media.                             |
|          |   | Learner will develop the ability to think and analyze about media.   |
|          |   | To sharpen the reading, writing, speaking and listening skills that will help the students to understand the   |
|          |   | development of Media.  |
|          |   | <u> </u>   |
|          |   | To provide students with tools that would help them visualize and communicate.                                 |
|          | 1   | Understanding Visual communication as part of Mass Communication   |
|          | Visual communication  | To acquire basic knowledge to be able to carry out a project in the field of visual communication              |
|          |   | To acquire basic knowledge in theories and languages of Visual Communication                                   |
|          |   | The ability to understand and analyze visual communication from a critical perspective                         |
|          | <u>I</u>  | The define to anotherine and unaryze visual communication from a critical perspective                          |
|          | To a contract to the contract | To provide the knowledge on publicity & marketing.   |
|          | Effective Communication   | To explain the various parts grammars & vocabulary.  |
|          |   | <u>, , , , , , , , , , , , , , , , , , , </u>  |



|       | Drill-11                 | To impart the correct practices on letter writing & grammars.   |
|-------|--------------------------|---|
|       |                          |   |
|       |                          | To introduce students to the overview of the Indian Society.  |
| Fo    | oundation Course-II      | To help them understand the constitution of India.  |
|       |                          | To acquaint them with the socio-political problems of India.  |
|       |                          |   |
|       |                          | Understand the use of punctuations, prepositions, capital letters and lower case.                                       |
|       | Content Writing          | Understand to identify redundant words and phrases and eliminate them   |
|       | Content Witting          | Understand for television news  |
|       |                          | Understand importance of content  |
|       |                          |   |
| Intro | oduction to Advertising  | Students will be having greater ability to understand the basic definition of advertising before they reach third year. |
|       |                          | To provide the students with basic understanding of advertising, growth, importance and types.                          |
|       |                          | To understand an effective advertisement campaigns, tools, models etc.  |
|       |                          | To provide students with various advertising trnds, and feature.  |
|       |                          |   |
|       |                          | To discuss the significance of culture and the media industry.  |
| Med   | Media , Gender & Culture | To understand the association between the media, gender and culture in the society.                                     |
|       |                          | To stress on the changing perspectives of media, gender and culture in the globalized era.                              |



| Class    | Course                           | Outcomes   |
|----------|----------------------------------|--|
| SY.B.M.M |                                  | To encourage students to read stories, poems, plays  |
| Sem-III  | Introduction to Creative Writing | To develop further and build upon the writing and analytical skills acquired in Semesters I and II                             |
|          |                                  | To acquaint students with basic concepts in literary writing   |
|          | S                                | To familiarize students with the creative process  |
|          |                                  | 1  |
|          | Introduction to Culture          | To introduce students to a set of approaches in the study of culture   |
|          | Introduction to Culture Studies  | To examine the construction of culture   |
|          | Studies                          | To understand how the media represents culture.  |
|          |                                  |  |
|          | Introduction to Public           | The objective of this paper is to introduce the subject of public relations to the student.                                    |
|          | Relations                        | It will equip the student with the basic tools of public relations and give them an overall understanding of the               |
|          |                                  | To understand its role and function it plays in society.   |
|          |                                  |  |
|          | Introduction to Media            | To understand the role of different media in country   |
|          | Studies                          | To expose students to the well-developed body of media theory and analysis.  |
|          | Studies                          | To foster analytical skills that will allow them to view the media critically.   |
|          |                                  |  |
|          | Understanding Cinema             | To acquaint the students with the various styles and schools of cinema throughout the world.                                   |
|          |                                  |  |
|          |                                  | To help learners make media industry ready. This will help learners to be aware of the minimum                                 |
|          |                                  | requirement of the software when stepping out in the industry.   |
|          | Advance Computers                | To introduce the media softwares to make the learners understand what goes behind the scene and help them choose their stream. |
|          |                                  | To prepare learners skilled enough for independency during project papers in TY sem VI.  |
|          |                                  | To help learners work on small scale projects during the academic period.  |
|          |                                  | <u> </u>   |
| CLASS    | Course                           | Outcomes   |
| SY.B.M.M |                                  | Understand a brief history of advertising and the  |
| Sem-Iv   |                                  | current status of advertising  |
|          | Introduction to Advartising      | Understand the basic characteristics of advertising  |
|          | Introduction to Advertising      | Understand the limitations of advertising  |
|          |                                  | Understand the structure of an ad agency   |
|          |                                  | Understand the various departments of an ad agency   |
|          |                                  |  |
|          | Introduction to Journalism       | To give students an understanding of the history and development of journalism in the global and the Indian                    |
|          | Introduction to Journalism       | , , , , , , , , , , , , , , , , , , ,  |

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|  | minoduction to Journalism | Introduce students to concepts related to news and journalistic practice.                               |
|--|---------------------------|---|
|  |                           |   |
|  | Print Production &        | To help students understand the principles and practice of photography                                  |
|  | Photography               | To enable students to enjoy photography as an art.  |
|  |                           |   |
|  |                           | To introduce the basic terms and concepts of broadcasting   |
|  | Radio & Television        | To give an overview of the structure and function of the broadcast industry                             |
|  |                           | To create an awareness of the development of broadcast media and current trends                         |
|  | Mass Media Research       | To understand the scope & techniques  |
|  |                           | To introduce students to debates in research approaches and equip them with tools to carry on research. |
|  |                           | To understand the their utility and limitations.  |
|  |                           |   |
|  | Organisational Behavior   | Orienting students to issues in organizational functioning.   |
|  |                           | To introduce students to the concepts given below at a preliminary level.                               |



| Class    | Course                                      | Outcomes   |
|----------|---|--|
| TY.B.M.M |   | To recognize the roles of advertising in modern society  |
| Ad       | Advertising in contemporary                 | To understand the current developments and problems concerning advertising as an economic and social force.  |
| Sem-V    | society                                     | Appreciate the increasingly international nature of advertising.   |
|          |   | To analyze the interdependent nature of advertising and popular .culture   |
|          |   |  |
|          |   | To familiarize the students with the concept of copywriting as selling through writing   |
|          | Communities                                 | To develop their inherent writing skills   |
|          | Copywriting                                 | To train students to generate, develop and express ideas effectively to raminarize students with contemporary advertising techniques and Practices |
|          |   | To familiarize students with contemporary advertising techniques and Practices   |
|          |   |  |
|          | A.1. (* * * * * * * * * * * * * * * * * * * |  |
|          | Advertising Design                          | To expose students to the creative and technical aspects of art direction  |
|          | G   |  |
|          | Consumer Behaviour                          | To introduce the students to the complexities of consumer behavior.  |
|          |   |  |
|          | Marian and a                                | To improve practical business world cheap & gain methods of ads.   |
|          | Media Planning & Buying                     | To promotion of present competition method leaved  |
|          |   | To understand the recent development of media  |
|          |   |  |
|          |   | To provide an introduction to the concepts and practices of contemporary brand management.   |
|          | Brand Building                              | To understand the appropriate strategies and tactics to build, measure and manage Brand Equity.  |
|          |   | To learn to plan an effective advertising campaign   |

| Class    | Course   | Outcomes   |
|----------|--|--|
| TY.B.M.M | Einanaial Managamant for                         | Introduction to Marketing and Advertising Finance  |
| Ad       | Financial Management for Marketing & Advertising |  |
| Sem-VI   | Marketing & Advertising                          |  |
|          |  |  |
|          |  |  |
|          | The Principles & Practices of Direct Marketing   | How direct marketing differs from "traditional marketing"                                |
|          |  | Direct marketing techniques.   |
|          |  | To learn and understand what Direct marketing is, including direct marketing terminology |
|          |  |  |
|          | Agency Management                                | To expose students to the business of advertising  |
|          |  | To familiarize students with the different aspects of running an ad agency               |
|          |  |  |

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|  | Advertising & Marketing<br>Research | To discuss the foundations of research and audience analysis that is imperative to successful advertising.   |
|--|-------------------------------------|--|
|  |                                     |  |
|  | Legal Environment &                 | To provide a perspective on the Legal Environment in India.  |
|  | Advertising Ethics                  | To guide students of media through the various ethics connected to Advertising.  Maharashtra state centric cases to be discussed in class as the situation demands.  |
|  |                                     | Training state centre cases to be discussed in chast at the statution definition.  |
|  |                                     |  |
|  | Contemporary Issues                 | To sensitize students to the environment around them  Developing a perspective towards issues related to the marginalized sections of the society.   |
|  |                                     |  |
|  |                                     | Identify and apply strategies to improve and succeed no matter what their initial skills are.  |
|  | Digital Media                       | Solve problems and learn from creative risks by using people skills, design principles, and processes.   |
|  |                                     | Build a strong foundation in all aspects of design and production for storytelling in motion.  Use inspiration in fields outside of digital media such as poetry, science, music, astronomy, history, dance, and |



| Class        | Course                       | Outcomes   |
|--------------|------------------------------|--|
| TY.B.M.M     |                              | To enable students to become Reporters which is supposed to be a prerequisite while present the copy in the format       |
| 1 1 .D.WI.WI |                              | of news.   |
| Journalism   |                              | To develop nose for news. To train them to acquire the skill entering into the field of Journalism.                      |
| Sem-V        | Reporting                    | To make them understand basic ethos of the news and news-gathering.  |
|              | Reporting                    | To prepare them to write or of news-gathering with traditional as well as modern tools                                   |
|              |                              | To inculcate the skills for investigative journalism.  |
|              |                              | To make them understand the basic structure/ essential knowledge for various beats.                                      |
|              |                              | To make them responsible reporters and the face of media.  |
|              |                              |  |
|              |                              | To provide learners with tools and techniques of editing and writing.  |
|              | Editing                      | To acquaint learners with the art of narration and storytelling strictly within the contours of journalistic principles. |
|              |                              | The denotes dies the differences between appending and feeture writing   |
|              | Feature & Opinion            | Understanding the differences between reporting and feature writing  |
|              |                              |  |
|              |                              | Understanding the other types of soft stories  |
|              |                              | Learning the skills for writing features/ opinion/soft stories and of interviewing                                       |
|              |                              | Study of the history and role of Indian press other than in English.   |
|              | Indian Regional Journalism   | Understand the contribution and role of certain publications and stalwarts   |
|              | maran Regional Vournament    | Study of the regional press and television of today  |
|              |                              | or the regional press and television of roday  |
|              | Januaralian & Duklia aginian | To assess the importance of the media vis a vis the public   |
|              | Journalism & Public opinion  | To project a fair idea of the role of the media in creating and influencing Public Opinion                               |
|              |                              | To analyse the impact of the media and public opinion on socio political issue   |
|              |                              |  |
|              | Name and Mark                | To study the design, elements of the newspaper and magazine  |
|              | Newspaper-Magazine           | To study space distribution  |
|              | marketing                    | To get exposure to design software such as Quark Express   |
|              |                              |  |
| Class        | Course                       | Outcomes   |
| TY.B.M.M     | Press, Laws & Ethics         | To study media laws  |
| Journalism   | riess, Laws & Eulics         | To understand media  |
|              |                              |  |



|  |                                | Solve problems and learn from creative risks by using people skills, design principles, and processes.                                       |
|--|--------------------------------|--|
|  |                                | Identify and apply strategies to improve and succeed no matter what their initial skills are.  |
|  | Contemporary issues            | Developing a perspective towards issues related to the marginalized sections of the society.   |
|  | Contemporary Issues            | To sensitize students to the environment around them.  |
|  |                                | Students will have gained a perspective on the evolution of media in the last 25 years and on key current trends.                            |
|  | News Media Management          | Students will have developed hands-on experience as content marketers using journalistic and digital techniques.                             |
|  |                                | Students will be able to analyse individual media businesses and understand the economic drivers of the media economy.                       |
|  |                                | To make students aware about the responsibilities, structure and functioning of responsibilities of an Organisation                          |
|  |                                | 10 mgmight social media 8 relevance in information dissemination   |
|  | Issue of global media          | To familiarize students about regional versus global media To highlight social media's relevance in information dissemination                |
|  |                                | To study the role of media in the 21st Century and the challenges facing traditional media   |
|  | o our interest                 | Also showcases the different types of magazines and newspapers.  |
|  | Business & Magazine Journalism | Business and magazine journalism is where students will be made aware of the different scams which took place over the years in the country. |
|  |                                |  |
|  | Broadcast Journalism           | Broadcast Journalism is the means of making students aware of the specialisation in terminology in radio and television.                     |

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| Class           | Course                 | Outcomes  |
|-----------------|------------------------|---|
| EVDAE           |                        | To understand the basic concept of bookkeeping, journal and ledger.   |
| FY.BAF<br>SEM-1 | Financial Accounting   | To understand the Accounting Standards and IFRS.  |
|                 | 1                      | To understand the concept of Expenditure and Receipts.  |
|                 |                        | To understand the preparation of Final Accounts   |
|                 |                        | The syllabus aims to test the student's ability to understand the Conceptual framework of Cost  |
|                 |                        | accounting.  And to provide an detailed knowledge of Cost Accounting Principles.  |
|                 | Cost Accounting-I      | To understand Classification of cost components to facilitate managerial decision making.   |
|                 |                        | To understand and analyse the situation and take decisions related to Purchase of Raw material, Engaging Labour and Managing Overheads. |
|                 |                        | To understand the concept of Financial Management   |
|                 | Financial Management-I | To understand objectives of Financial Management.   |
|                 |                        | To understand the different types of Leverages.   |
|                 |                        | To understand short and long term sources of Finance.   |
|                 |                        | To understand how to take capital investment decision   |
|                 | Business               | The different modes and methods of communication helps the students to refresh their knowledge on                                       |
|                 | Communication-I        | The business ethics and the different social problems which surface out in the society are given, hands                                 |
|                 | Foundation Course-I    | The programme provides the student with the capacity to identify issues and problems relating to the                                    |
|                 |                        | To understand of business environment   |
|                 | Commerce-I             | To introduce concept of ethics in business management   |
|                 |                        | To understand consumerism in India  |
|                 |                        | To understand foreign trade of business environment   |
|                 |                        | To understand the role of business economics in organisations   |
|                 |                        | To understand the role and challenges of micro economics  |
|                 |                        | To imply basic economic principles and practices in professional environment  |



| Class  | Course                       | Outcomes   |
|--------|------------------------------|--|
| FY.BAF | Financial Accounting-        | To understand to convert the single entry system in complete final account                           |
| SEM II |                              | To understand the concept of consignment account   |
|        |                              | To understand the concept of maintaining the Branch account  |
|        |                              | To understand the calculation of fire insurance claim  |
|        |                              | To understand credit rating system in economy  |
|        | Ī                            | To give a comprehensive overview of emerging financial services in the light of globalisation        |
|        | IFS                          | To familiarise the learners with the fundamental aspects of various issues associated with various   |
|        | -                            | To introduce the basic concepts, functions, process, techniques and create an awareness of the role, |
|        |                              | Helps students to prepare for the presentation skills  |
|        | Business<br>Communication-II | The stage fear is reduced and they become fluent in english  |
|        |                              | communication even though they are from vernacular medium.   |
|        |                              | The formal letter writing skills are improved.   |
|        |                              | Group discussion as a practical experience helps the students  |
|        |                              | The programme provides the student with the capacity to identify issues and problems                 |
|        | Foundation Course-II         | To understand the concept of relating to the realization of Indian society and its                   |
|        |                              | understanding to Indian constitution and important constitutional rights, Environment,               |
|        |                              | It develop investigative and analytical skills.  |
|        |                              |  |
|        |                              | To understand the different business related laws  |
|        | Business Law-I               | To understand the application of the acts thereto  |
|        |                              | To understand the approacher of the actouriers.  |
|        |                              | To understand the concepts and basics of the negotiable instruments in banking and finance           |
|        |                              | To be helpful in understanding the consumer rights.  |
|        |                              | To be helpful in understanding the consumer rights.  |
|        |                              | Apply graphs, equations, ratio and proportion, percentage, and measurement systems to solve typical  |
|        |                              | To understand the basic concepts, functions and methods of mathematical techniques.                  |
|        | Business Maths               | To understand mathematical definition and use them correctly   |
|        |                              | Demonstrate an understanding of the common body of knowledge in mathematics.                         |
|        |                              | Use mathematical ideas to model real world problems  |
|        |                              | To understand concepts of Window-dressing, Secret reserves.  |
|        | 1                            | To know different types of errors and frauds   |
|        | Auditing                     | To learn audit planning, procedures and documentation  |
|        |                              | To understand the concepts of internal check internal audit and internal control                     |
|        | ]                            | To Know sampling methods and procedures  |
|        |                              |  |



| Class   | Course                    | Outcomes   |
|---------|---------------------------|--|
| SY.BAF  |                           | To understand the scope and effect of admission, retirement and death of partner on partnership firm |
| SEM III | Financial Accounting-     | To understand the preparation of final account of partnership firm                                   |
|         | III                       | To understand the procedure of amalgamation of two partnership firms                                 |
|         |                           | To understand the conversion of partnership firm into limited company                                |
|         |                           | To understand the concept of Costs .   |
|         | Coot Assessed in a H      | To understand the preparation of Cost Sheet.   |
|         | Cost Accounting-II        | To learn contract costing.   |
|         |                           | To learn process costing.  |
|         |                           | The syllabus aims to develop an understanding on the concept of Auditing and its principles ,        |
|         |                           | Audit planning, procedure and documentation.   |
|         | Auditing-II               | The subject gives better idea of different business transactions                                     |
|         | Truditing if              | To understand auditors & management responsibilities & objectives with respect to Vouching and       |
|         |                           | To understand the Accounting Standards   |
|         |                           | To know auditor's responsibilities with respect to Audit of Companies                                |
|         |                           | Understand model, components of computer and how it works.   |
|         | Information Technology in | Understand the concept of input and output devices of Computers in detail                            |
|         |                           | Understand RAM, ROM and their types in detail.   |
|         |                           | Recognize when to use each of the Microsoft Office programs to create professional and academic      |
|         | Accountancy-I             | Understand Search Engines & Ranking Concepts   |
|         |                           | Learn How to perform Keyword Research  |
|         |                           | Know SEO Best Practices to incorporate on a Website  |
|         | -Commerce-II              | Understanding financial markets knowledge of financial instruments .                                 |
|         |                           | Understanding different financial services.  |
|         |                           | To enable the students to obtain the knowledge and skills required in the field of management        |
|         |                           | To enable students to understand the concept of HRM  |
|         | Business Law-II           | To Understand the Partnership act,   |
|         |                           | To understand LLP act  |
|         |                           | and also to understand the factories act (to some selected sec only)                                 |
|         |                           | To understand the basic concepts and application thereto   |
|         |                           |  |
|         | Economics-II              | To understand the role and working of business economics   |
|         |                           | To apply the economic rules and principles in day to day daily life                                  |
|         |                           | To apply economic policies in professional environment   |



| Class  | Course                | Outcomes   |
|--------|-----------------------|--|
| SY.BAF | Financial Accounting- | To understand how to prepare the statutory final account as per revised pattern of companies act   |
| SEM IV |                       | To understand treatment of expenses and income if incorporation take place during the year  To understand the maintanance of final account of family broads. |
|        |                       | To understand the maintenance of final account of foreign branch   |
|        |                       | To understand redemption procedure of preference shares and debentures   |
|        |                       | To gain in depth knowledge of the professional standards, principles and procedures regarding  |
|        | Management            | That will help in detailed analysis and interpretation of financial statements.  |
|        | A T                   | And to take decision on managing long term and short term funds.   |
|        |                       | To understand the health of the organisation with reference to liquidity, activity, leverage, profitability  |
|        |                       | To carry out necessary adjustment in funds from operation to arrive at the figure of cash  |
|        |                       | To understand the format and points to be covered in audit report  |
|        | ╡                     | To understand the new version of audit in computerised environment   |
|        | Auditing-III          | To understand the importance to follow professional ethics   |
|        |                       | To understand the concept of investigation and due diligence in financial management   |
|        |                       |  |
|        | Information           | Students were able to understand   |
|        | Technology in         | Business Process, flow of business process, principles   |
|        | Accountancy-II        | Through understanding about the computerized accounting system, Usage of Tally software understand   |
|        |                       | Understand IT in Auditing.   |
|        |                       | To come up with creativity & indusium in sharing vision  |
|        |                       | It helps in tacking with improved & new technology in future   |
|        | Management -I         | Helps to understand how to plan systematically   |
|        |                       | Helps to learn importance of decision making   |
|        |                       | Helps to understand difference between administration & management   |
|        |                       |  |
|        | Business Law-III      | Understand the company law extensively useful for their further studies and also useful to know the  |
|        |                       | Understand the company law, extensively useful for their further studies   |
|        |                       | useful to know the different amendments there to helpful in strengthening the corporate  |
|        |                       | governance.  |
|        |                       | To understand the difference between the companies act 1956 and 2013   |
|        |                       |  |
|        |                       | To get detailed information about the management and administration of the company affairs   |
|        |                       |  |
|        | Research              | To understand the concept of Research and types.   |
|        | Methodology in        | To Learn the formulation of Hypothesis   |
|        | Accounting &          | To understand the concept of data collection and processing  |
|        | Finance               | To understand the use of computer and internet in Data Collection and processing.  |
|        | 1 11111100            | To learn the layout of Research Report . in  |



| Class    | Course                       | Outcomes   |
|----------|------------------------------|--|
| TY.BAF   |                              | To understand the distinguish between integrated and non-integrated or interlocked cost book keeping   |
| SEM -V   |                              | To understand uniform costing and inter-firm comparison.   |
|          |                              | To understand the calculation of Operating costing of transport, hotel & hospitality industries        |
|          |                              | To understand the concept of calculation of process costing  |
|          |                              | To understand the allocation of cost on the base of various activities                                 |
|          |                              | To plan ,organise,direct & control financial activities.   |
|          |                              | To understand the theories of capital structure, dividend decisions, etc.                              |
|          | Financial                    | To learn the concepts of bond valuation and mutual funds   |
|          | Management -II               | To understand credit management policies of the companies  |
|          |                              |  |
|          |                              | To make the students understand the basic concepts, definitions and terms related to Goods and Service |
|          | Indirect Taxation-I          | To make students understand the concept of forward charge mechanism, reverse charge mechanism,         |
|          |                              | To make the students understand the concept of Supply along with the rules related to time, place and  |
|          | Management<br>Application-II | Understand concept of Marketing Management   |
|          |                              | Understand the working of Product Life Cycle   |
|          |                              | Understand the concept of Branding   |
|          |                              | Apply theories and concepts relevant to strategic human resource management in contemporary            |
|          |                              | organizations.   |
|          |                              | To covers all relevant level of knowledge expected for undergraduate students and at the same time     |
|          | Financial Accounting-        | To Cover the fundamental theory, practical problems and examination based questions/answers            |
|          | √v                           | To Cover/provide ample opportunity for the students to practice  |
|          |                              | It provides an assessment of management concerning the costing outcomes and and ranking of an          |
|          |                              | To understand the methods of valuation of goodwill and shares  |
| <u> </u> | <del>-</del>                 | To an denote a district the statute and format of final account of health a common a                   |
| <u> </u> | Financial Accounting-        | To understand the statutory format of final account of Insurance company                               |
|          | VI VI                        | To understand the statutory format of final account of Non Banking company                             |
| -        | $\dashv$                     | To understand the statutory format of final account of Limited Liabilities partnership firm            |
| L        |                              | To understand the statutory format of final account of Limited Liabilities partiership firm            |



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| Class    | Course                | Outcomes   |
|----------|-----------------------|--|
| FY.B.B.I | Environment &         | To understand financial system.  |
| SEM-I    | Management of         | To learn the phases of development in Banking and Insurance.   |
|          | Financial Services    | To understand risk management, asset-liability management and organizational structure.                                |
|          | Tilialiciai Selvices  | To learn regulatory and developmental framework of banking and insurance.  |
|          |                       |  |
|          |                       | To understand the process of management  |
|          | Principal of          | To understand the working of an business organisation  |
|          | Management            | To inculcate basic managerial skills   |
|          | Wanagement            | To understand how the skills can be executed.  |
|          |                       | To apply strategic organisation planning   |
|          |                       |  |
|          |                       | To understand the basic concept of bookkeeping with journal & ledger   |
|          | Financial Accounting- | To understand the concept of preparing trial balance and final account   |
|          | I                     | To understand the concept of bifurcation of revenue and expenditure  |
|          |                       | To understand the method of calculation of stock ledger and stock reconciliation                                       |
|          |                       |  |
|          | Descioner             | The different modes and methods of communication helps the students to refresh their knowledge on video                |
|          | Business              | conferencing, fax though now not in use.   |
|          | Communication -I      | The business ethics and the different social problems which surface out in the society are given, hands on experience, |
|          |                       | The business clines and the different social problems which surface out in the society are given, hands on experience, |
|          |                       | To understand the role and working of business economics   |
|          | Business Economics-I  | To apply the economic rules and principles in day to day daily life  |
|          |                       | To apply economic policies in professional environment   |
|          |                       |  |
|          |                       | Understanding of different ways of representations of statistical data   |
|          | 0 4 4 36 1 1          | Understanding of standard statistical measures and ability of computation of statistical measures                      |
|          | Quantitative Methods- | Ability to compare different statistical data by computation and by curve observation                                  |
|          |                       | Understanding basic concepts of probability theory and ability to solve practical problems                             |
|          |                       | Understanding basics of insurance  |
|          |                       | · · · · · · · · · · · · · · · · · · ·  |
|          | Foundation Course-I   | The programme provides the student with the capacity to identify issues and problems relating to the realization of    |

| Class    | Course                | Outcomes   |
|----------|-----------------------|--|
| FY.B.B.I |                       | To understand scope, functions and need of banking.            |
| SEM-II   | Principal & Practices | To know the banking scenario in India.                         |
|          | Timelpal & Tractices  | To learn about Insurance sector, risk and return relationship. |



|                       | To understand Insurance business environment in India.  |
|-----------------------|---|
|                       |   |
|                       |   |
| Business Law          | Helps to understand the different types of laws   |
|                       | To understand natural justice, Constitution of India,   |
|                       | To understand laws of contract, negotiable instruments  |
|                       | To understand laws related to information technology  |
|                       |   |
|                       | To understand the Accounting procedure and treatment with reference to Valuation of Goodwill and shares             |
| Financial Accounting- | To understand the Legal provisions and treatment with reference to Redemptioin of preference shares                 |
| II                    | To understand the legal provisions and accounting treatment with respect to Buy back of Equity shares.              |
| 11                    | To understand the legal provisions and Accounting procedures with reference to Redemption of debentures             |
|                       |   |
|                       | Helps students to prepare for the presentation skills   |
| Business              | The stage fear is reduced and they become fluent in English communication even though they are from vernacular      |
| Communication -II     | The formal letter writing skills are improved.  |
|                       | Group discussion as a practical experience helps the students   |
|                       | To provide basic knowledge of key approaches of organizational behaviour.   |
| Organisational        | To understand model relating to organizational behaviour.   |
| Behaviour             | To understand the Time and stress Management.   |
| Benaviour             | To understand the importance and Techniques of OD.  |
|                       |   |
|                       | Understanding of basics of sampling and ability to test hypotheses  |
| Quantitativa Mathada  | Understanding of decision making problems and formulation of the same as mathematical problem                       |
| Quantitative Methods- | Ability to solve real decision making problems through application of graphical method or simplex method            |
| 1                     | Ability to do basic mathematical computations such as ratio, percentage and understanding of variations             |
|                       | Understanding the application of statistical measures in investment management and understanding basic economi      |
|                       |   |
| Foundation Course-I   | The programme provides the student with the capacity to identify issues and problems relating to the realization of |



| Class    | Course                | Outcomes   |
|----------|-----------------------|--|
| SY.B.B.I |                       | The syllabus aims to test the student's ability to understand the Financial managment, Financial system, Financial |
| SEM-III  | Financial             | And it also aims to to provide an detailed knowledge of Financial goal setting and Role of Finance manager and     |
|          | Management -I         | To understand the Concept of Cost of Capital.  |
|          |                       | To understand the Dividend policy decisions  |
|          |                       |  |
|          |                       | To understand the concept of Management Accounting.  |
|          |                       | To understand the various Tools of Management Accounting.  |
|          |                       | To know the financial statement Analysis.  |
|          |                       | To learn the estimation of working capital requirements in organization.   |
|          |                       | To understand the factors influencing dividend policy.   |
|          |                       |  |
|          |                       | To provide basic knowledge of key approaches and Models relating to Organizational Behavior.                       |
|          | Organizational        | To identify specific steps managers can take to motivate the employees.  |
|          | Behavior              | To understands ways of acting effectively and finding ways for controlling human Behavior.                         |
|          |                       | To apply different concepts relating to managing of conflicts, change, time and stress.                            |
|          |                       |  |
|          | Information           | Students were able to understand about usage of MS OFFICE package.   |
|          | Technology in         | Understand about Banking terminology with respect to IT.   |
|          | Banking & Insurance   | Understand the usage of Banking software.  |
|          |                       |  |
|          |                       | To understand the concept of residential status of assessee  |
|          | Taxation of Financial | To understand the scope of income  |
|          | Service               | To understand the calculation of income from all sources   |
|          |                       | To understand the calculation of total income  |
|          |                       |  |
| _        | Financial Markets     | Understand the concept of Money market   |
|          |                       | Know what a certificate of deposit is  |
|          |                       | Know the different types of financial instruments available in the money market                                    |
|          |                       |  |
|          |                       | I Industry detay functions northward and the vales played by the system of financial markets !:t!t:t!              |
|          |                       | Understand the functions performed and the roles played by the system of financial markets and institutions        |
|          |                       | in the global economy  |



| Class      | Course   | Outcomes  |
|------------|--|---|
| SY.B.B.I   | Financial  | Successful completion of Financial Management, the student will be able to:   |
| SEM-IV     | Management -II   | Demonstrate an understanding of the overall role and importance of the finance function.                                    |
|            |  | Demonstrate basic finance management knowledge. Communicate effectively using standard business terminology.                |
|            |  |   |
|            | FC- An overview on<br>Insurance                            | To understand health insurance process and various insurance plan   |
|            |  | To understand home insurance and vehicle insurance  |
|            |  | To understand role of insurance in logistics  |
|            |  | To learn commercial banking and customer banking relationship.  |
|            |  | To understand universal banking and technology in Banking sector.   |
|            |  | To understand Micro-finance and Financial   |
|            |  | The syllabus aims to test the student's ability to understand the Conceptual framework of Cost accounting.                  |
|            | Cost Accounting in   | To provide an detailed knowledge of Cost Accounting Principles. and cost classifications                                    |
|            | Banking & Insurance  | To identify the reasons for difference in profit shown by different set of accounts.  |
|            |  | To Understand Classification of cost components to facilitate managerial decision making such as Standard costing           |
|            |  |   |
|            | Information<br>Technology in<br>Banking & Insurance-<br>II | After completion of this course, the students should be able to understand and usage of Banking Softwares, Outlook Express. |
|            |  | Cives on understanding to the students about the company law  |
|            | Corporate Laws &   | Gives an understanding to the students about the company law  To understand the securities law                              |
|            | Laws Governing Capital Market                              | To understand the securities law  To understand about depositories act and the SEBI act                                     |
|            |  | To make the students understand about the basic laws governing capital markets which are helpful for                        |
|            |  | To make the students understand about the basic laws governing capital markets which are helpful for                        |
|            | Dusiness Feenemies   | To understand the basic concepts of macro economics   |
|            | Business Economics-<br>II                                  | To understand the basic concepts of business economics  |
|            |  | To understand how these concepts can help the students become responsible individuals.                                      |
|            |  |   |
|            | Customer Relationship Management                           | To understand the concept of CRM and programme.   |
|            |  | To understand the technological application in CRM  |
|            |  | To learn the implementating CRM   |
|            |  | To learn the CRM in banking and insurance sector.   |
| Class      | Course   | Outcomes  |
| TY.B.B.I   |  | Understand importance and types of business ethics  |
| 1 1 .D.D.1 | Rusiness Ethics &  | Onderstand importance and types of business edities   |



| SEM-V | Corporate Governance  | Understand areas of business ethics Understand status of corporate governance in India know frauds in banking and insurance and their preventive Understand CSR and related concepts   |
|-------|---|--|
|       | Financial Services<br>Management                            | To understand thoroughly various financial services provided by financial institutions To understand terms and concepts related to world of finance To make students familiar with financial risk management tools To give knowledge of current investment options To make students financially literate   |
|       | Financial Reporting<br>& Analysis in<br>Banking & Insurance | To understand the statutory format of Banking final account and certain banking terms  To learn the technique to control cash flow of a comany  To understand the statutory format of Company final account  To understand the adoption and implementation process of IFRS in India  To understand the statutory format of Insurance final account   |
|       |   |  |
|       | Auditing-I  | The syllabus aims to develop an understanding on the concept of Auditing and its principles, Audit planning, The understand, Principles of audit, Types of audit, Errors and Frauds To understand auditors & management responsibilities & objectives with respect to Vouching and Verification The subject also gives in depth knowledge of Auditing techniques under in audit procedure. |
|       | International Banking<br>& Finance                          | To understand fundamentals of international finance To understand in detail foreign exchange market To understand financial risk management tools To understand investment options available at international level  |
|       | Research<br>Methodology                                     | To understand research and its significance.  To understand the Data Collection and Processing  To know the Data Analysis and Interpretation  To understand how to use advanced statistical techniques  To understand how to create research Report  |



| Class    | Course              | Outcomes   |
|----------|---------------------|--|
| TY.B.B.I |                     | To understand the concept of portfolio management  |
| SEM-VI   | Security Analysis & | To understand functions of portfolio management  |
|          | Portfolio           | To understand the fundamentals analysis of share market  |
|          | Management          | To get knowledge of technical analysis   |
|          |                     | To understand methods of fundamental analysis & technical analysis   |
|          |                     |  |
|          |                     | The subject gives detailed knowledge and helps the students to understand the legal provisions related to Audit of |
|          | Auditing-II         | To understand the legal provisions of Audit of Banking companies   |
|          | Auditing-II         | To understand the legal provisions of Audit of Insurance companies   |
|          |                     | To understand the professional ethics with reference to Auditing.  |
|          |                     |  |
|          |                     | To understand evolution and significance of HRM  |
|          | Human Resources     | To understand various approaches to employee selection   |
|          | Management          | To understand HRM in banking and insurance companies   |
|          | Management          | To know the practices of HRM in banking and insurance  |
|          |                     | To understand the future challenges.   |
|          |                     |  |
|          |                     | To understand the concept of International business environment.   |
|          | International       | To understand international integration  |
|          | Business            | To know international marketing & HRM strategies   |
|          |                     | To understand the thoroughly import & export procedures  |
|          |                     |  |
|          |                     | To understand the basic banking concepts   |
|          | Central Banking     | To understand the banking reforms, rules and regulations, banking principles.                                      |
|          | Celitial Dalikilig  | To understand banking structure in other countries as well as India  |
|          |                     | To know the future of banking in India   |
|          |                     |  |
|          | Project Work in     | To equip project Students with the critical skills and knowledge required to effectively manage resource and       |
|          | Banking & Insurance | To give knowledge to students they should learn accounting concepts and the accounting cycle as they apply to      |
|          | Danking & insurance | To equip project students to understand taxation.  |
|          |                     |  |
|          | Financial Reporting | To prepare financial statements of banking and insurance companies   |
|          | and Analysis        | To impart knowledge and understanding of cash flow in banking and insurance companies                              |
|          | and Analysis        | To study the ethical aspects of accountancy  |



| Class    | Course                | Outcome  |
|----------|-----------------------|--|
| FY.B.Com |                       | To covers all relevant level of knowledge expected for undergraduate students and at the same time meeting the   |
| SEM I    |                       | needs for various professional courses like CA, ICWA, CS, MBA etc.   |
|          |                       | To Cover the fundamental theory, practical problems and examination based questions/answers.   |
|          | Accountancy &         | To Cover/provide ample opportunity for the students to practice  |
|          | Financial Management  | To understand the fundamentals of business economics   |
|          |                       | To understand the role of business economics for future economic growth  |
|          |                       | To understand the role of micro economics  |
|          |                       |  |
|          |                       | To understand fundamentals of business   |
|          | С 1                   | To understand dynamic business environment   |
|          | Commerce-I            | To understand role of IT in business   |
|          |                       | To understand enterprise management  |
|          |                       |  |
|          |                       | To understand meaning and scope of Business Economics, basic tools, use of marginal decision making, market  |
|          | Business economics -  | equilibrium.   |
|          | I                     | To understand Demand and supply, demand curve in different market. To understand elasticity of demand.   |
|          | 1                     | To understand production function, isoquant curve.   |
|          |                       | To understand cost of production.  |
|          | 3.6.1                 |  |
|          | Mathematics &         | To develop the students ability to deal with numerical and quantitative issues in business.  |
|          | -                     | To enable the use of statistical, graphical and algebraic techniques wherever relevant.  |
|          | Ι                     | To have a proper understanding of Statistical applications in Economics and management.  |
|          |                       | To neutralizate affectively in anomal with annheads on listening entitled and reflective thinking and responding   |
| -        | Business              | To participate effectively in groups with emphasis on listening, critical and reflective thinking, and responding  To understand the importance of specifying audience and purpose and to select appropriate communication |
|          | Communication-I       | To understand and appropriately apply modes of expression, i.e., descriptive, expositive, narrative, scientific, and   |
|          | Communication-1       | self-expressive, in written, visual, and oral communication  |
|          |                       | sen-expressive, in written, visual, and oral communication   |
|          | Environmental Studies | Appreciate concepts and methods from ecological and physical sciences and their application in environmental   |
|          | Environmental Stadies | rippreciate concepts and methods from ecological and physical sciences and their appreciation in characteristic  |
|          |                       | The programme provides the student with the capacity to identify issues and problems relating  |
|          |                       | to the realization of Indian society and its hierarchy.  |
|          | Foundation Course-III | To understand the concept of relating to the realization of Indian society and its hierarchy,  |
|          |                       | concept of , purity and pollution, Social Interdisciplinary, Varna, Caste, and Other Divisions,  |
|          |                       | concept of human rights.   |
|          |                       | understanding to Indian constitution and important constitutional rights, Environment, and   |
|          |                       | ancient scientific development with new science.   |
|          |                       | It develop investigative and analytical skills.  |
|          |                       | 1. 2   |
| L        | I                     |  |



| Class    | Course                  | Outcomes   |
|----------|-------------------------|--|
| FY.B.Com | Accountancy &           | To familiarize learner about how to prepare Final accounts from incomplete records by preparing necessary          |
| Sem-II   | Financial Management    | To develop the skill of preparing branch accounts its relevance and ascertainment of branch profit among learner.  |
|          | II                      | To make learner to understand the consignment sale and its accounting treatment in the books of accounts of        |
|          | 11                      | To familiarize learner about various types of general insurance and how to ascertain stock on the date of fire and |
|          |                         |  |
|          |                         | To know the market structure, perfect competition market, monopoly, monopolistic and oligopoly market.             |
|          | Business Economics-     | To understand the pricing and output decisions under imperfect competition market.                                 |
|          | II                      | To plan cost oriented pricing methods,   |
|          |                         | To understand the Evaluating Capital projects.   |
|          |                         |  |
|          |                         | To understand service sector, marketing mix of service sector through its strategies                               |
|          | Commerce-II             | To understand retailing in service sector with formats and Indian, global scenario and FDI.                        |
|          | Commerce-m              | To understand recent trends of IT of banking and insurance sector with logistic network.                           |
|          |                         | To understand e-commerce, types and present status of e commerce   |
|          |                         |  |
|          | Foundation Course-II    | To understand the different types of environmental hazard and also the different types of human rights articles    |
|          | roundation Course-11    | The programme provides the student with the capacity to identify issues and problems relating to the realization   |
|          |                         |  |
|          | Mathematics &           | To develop the students ability to deal with numerical and quantitative issues in business                         |
|          | Statistical Techniques- | To enable the use of statistical, graphical and algebraic techniques wherever relevant.                            |
|          | II                      | To have a proper understanding of Statistical applications in Economics and management.                            |
|          |                         |  |
|          |                         | Understand the group discussions and interviews  |
|          | Business                | Understand meeting, need of meeting, conduct of meeting and types of secretary                                     |
|          | Communication-II        | Understand importance and types of committee and organizing a conference   |
|          |                         | Understand the functions of PR department and crisis management  |
|          |                         | •  |
|          |                         | Appreciate concepts and methods from ecological and physical sciences and their application                        |
|          | Environmental Studies   | Appreciate the ethical, cross-cultural, and historical context of environmental issues.                            |
|          |                         | To understand the links between human and natural systems.   |
|          |                         | To understand the interrelation between Environment and human's activity.  |
|          |                         | ,  |



| Class    | Course                | Outcome (student will be able to)  |
|----------|-----------------------|--|
| SY.B.Com | Accountancy &         | To covers all relevant level of knowledge expected for undergraduate students and at the same time meeting the   |
| SEM-III  | Financial Management  | To Cover the fundamental theory, practical problems and examination based questions/answers                      |
|          | III                   | To Cover/provide ample opportunity for the students to practice  |
|          |                       |  |
|          |                       | To Present a/c in for to management for financial analysis.  |
|          | Financial Accounting  | To plan budgets & implement strategies to increase profitability.  |
|          | & Auditing-V          | To help management to perform all its functions including organising, staffing directly & controlling.           |
|          | (management acc.)     | To present accounting info to management & formulate policies & help its day-day activities.                     |
|          | (management acc.)     | To understand the calculation of working capital comparing various types of ratios.                              |
|          |                       | To analyse & interpret information purpose.  |
|          |                       |  |
|          |                       | Understand basic fundamentals of management concept  |
|          | Commerce-III          | Understand evolution of management   |
|          | Commerce-m            | Understand concepts related to effective management  |
|          |                       | Understand functions of management   |
|          |                       |  |
|          |                       | To understand meaning, scope and importance of macro economics, measurement of national income, trade cycle.     |
|          | Business Economics    | To understand Effective Demand, investment function and marginal efficiency of capital, investment multiplier.   |
|          | III                   | To understand IS-LM model, inflation and stagflation and supply side economics.                                  |
|          |                       | To understand money, prices and inflation.   |
|          |                       |  |
|          | Applied Component:    |  |
|          |                       | To understand structure and working of advertising agency  |
|          | Advertising-I         | To understand creative aspects of advertising  |
|          |                       | To understand testing of advertising   |
|          |                       |  |
|          | Foundation Course-III | The programme provides the student with the capacity to identify issues and problems relating to the realization |
|          |                       |  |
|          | Business Law-I        | Understand the different business related laws and application thereto.  |
|          |                       | To understand about the Indian Contract act, special contracts   |
|          |                       | To understand about Sale of goods Act, Negotiable Instruments act  |
|          |                       |  |



| Class     | Course               | Outcome (student will b e able to)   |
|-----------|----------------------|--|
| SY.B.Com  | Accountancy &        | To covers all relevant level of knowledge expected for undergraduate students and at the same time meeting the   |
| SEM-Iv    | Financial Management | To Cover the fundamental theory, practical problems and examination based questions/answers                      |
|           | IV                   | To Cover/provide ample opportunity for the students to practice  |
|           |                      |  |
|           |                      | To understand procedure & practices of auditing  |
|           | Financial Accounting | To understand auditors & management responsibilities & objectives  |
|           | & Auditing-VI        | To understand the concepts of internal audit, control & check  |
|           |                      | To know auditor's responsibilities for detecting & accessing errors frauds                                       |
|           |                      |  |
|           |                      | Understand concept of production management & quality management   |
|           |                      | Understand tools of quality improvement  |
|           | Commerce-IV          | Understand structure of financial system   |
|           |                      | Understand various investment options  |
|           |                      | Understand the concept of microfinance & its benefits  |
|           |                      |  |
|           |                      | To understand scope of public finance.major fiscal functions, principle of maximum social advantage. To          |
|           | -                    | To understand source of public revenue. Shifting of taxation.  |
|           | IV                   | To understand public expenditure and significance of public expenditure and public debt.                         |
|           |                      | To know the fiscal policy, budget and intergovernmental fiscal relation.   |
|           |                      |  |
|           |                      | To understand old and new age advertising media and media research   |
|           |                      | To understand advertising campaign, budget and media planning process  |
|           | Advertising-II       | To understand creativity, creative aspects and creativity through endorsements                                   |
|           |                      | To understand layout and elements of print ads, broadcasting of ads and evaluation of ads                        |
|           | Foundation Course-   | The programme provides the student with the capacity to identify issues and problems relating to the realization |
|           | Toundation Course    | The programme provides the student with the capacity to identify issues and problems relating to the realization |
|           | Business Law-II      | Understand the different laws pertaining to company, difference between company act 1956 and                     |
|           |                      | To understand the Intellectual property laws   |
|           |                      | To understand about consumer Protection Act  |
|           |                      |  |
|           |                      |  |
| Class     | Course               | Outcome (student will b e able to)   |
| T.Y.B.Com |                      | Understand basic concepts related to marketing   |
| SEM-v     | Commerce-V           | Understand concept of marketing mix  |
|           | ,                    | Understand recent trends in marketing  |
|           |                      | Know challenges before marketing   |
|           |                      |  |
|           | 4                    | To understand New Economic Policy, Sustainable Development Goals & Policy.                                       |
|           | D . E .              | To understand National Agriculture Policy 2000, Agricultural Pricing & Finance.                                  |
|           | -                    | To understand Industrial competition Act 2002, Industrial pollution.   |
|           | V                    | Know recent trend service sector.  |



|                      | To understand banking and financial market. Recent trend of banking sector.                                      |
|----------------------|--|
|                      | To understand structure growth and reform of capital market.   |
|                      |  |
| Financial Accounting | To covers all relevant level of knowledge expected for undergraduate students and at the same time meeting the   |
| & Auditing-VII       | To Cover the fundamental theory, practical problems and examination based questions/answers                      |
| & Auditing-VII       | To Cover/provide ample opportunity for the students to practice  |
|                      |  |
| Financial Accounting | To understand the concepts of cost accounting  |
| & Auditing-VIII      | To make students understand the computation of cost  |
|                      | To aware them about computation of material, labour, overheads.  |
|                      | To understand the reconciliation between cost and financial accounts   |
|                      | The learners would be made familiar with the concepts of Data Communication,                                     |
| Applied Component:   | Networking - types, hardware and Protocols and Internet - Types of connections, Web browsing and cybercrime      |
| Computer Systems     | The learners would get to know about the usage of database through MySQL   |
|                      | The learners would understand concepts of Spreadsheet through EXCEL 2010.  |
|                      |  |
| Applied Component:   | To make the students understand the basic concepts, definitions and terms related to direct taxation.            |
| Direct & Indirect    | To make the students understand the concept of residential status thus making them understand the scope of total |
| Taxes                | To help the students to understand the various deductions under Chap VI-A of the Income tax act, 1961.           |
|                      |  |



| Class     | Course               | Outcome (student will b e able to)   |
|-----------|----------------------|--|
| T.Y.B.Com |                      | Understand importance and functions of HRM   |
| SEM-VI    | Commerce-VI          | Understand various concepts related to HRM   |
|           | Commerce-vi          | Understand changing trends in HRM  |
|           |                      | Understand upcoming challenges before HRM  |
|           |                      |  |
|           |                      | Ton understand international trade, Term of trade, gain from international trade                                 |
|           | Business Economics-  | To understand commercial policy, Tariff and non tariff barrier.  |
|           | VI                   | To know international economic integration.  |
|           | V 1                  | To plan balance of payment.  |
|           |                      | To understand WTO, recent development in TRIPS, TRIMS and GATs., foreign exchange market, purchasing             |
|           |                      |  |
|           |                      |  |
|           | Financial Accounting | To covers all relevant level of knowledge expected for undergraduate students and at the same time meeting the   |
|           | & Auditing-IX        | To Cover the fundamental theory, practical problems and examination based questions/answers                      |
|           |                      |  |
|           |                      | To Cover/provide ample opportunity for the students to practice and at the same time meeting the needs for       |
|           | Financial Accounting | To know the concepts of standard and marginal cost   |
|           | & Auditing-X         | To know computation of contract cost   |
|           | & Auditing-A         | To know the cost ledger accounting concepts  |
|           |                      | To make them understand cost of process in manufacturing   |
|           |                      |  |
|           | Applied Component:   | The basic concepts of E-Commerce , Features, E-Commerce models, Security aspects related to E-Commerce,          |
|           | Computer Systems     | The advanced features of Excel such as creating templates, linking multiple spreadsheets, database functions,    |
|           | compater Systems     | Visual Basic and Graphical User Interface, Use of Visual Basic controls, Simple calculations, Calculations using |
|           |                      |  |
|           | Applied Component:   | To make the students understand the basic concepts, definitions and terms related to Goods and Service tax       |
|           | Direct & Indirect    | To make students understand the concept of forward charge mechanism, reverse charge mechanism, composite         |
|           | Taxes                | To make the students understand the concept of Supply along with the rules related to time, place and value of   |



| Class   | Course              | Outcomes   |
|---------|---------------------|--|
| FY.B.Sc |                     | Understand the chemical thermodynamics related to temperature and systems involved in it.  |
| Sem-I   | Chemistry-I         | Understand first law and second law of thermodynamics.   |
|         |                     | Understand the chemical calculations to prepared the chemical solutions.   |
|         | •                   | Understand the periodic table to know about the properties and uses of elements.   |
|         |                     | Understand the IUPAC nomenclature of organic compounds and hybridisation.  |
|         |                     | J. C.  |
|         |                     | Understand order and molecularity of reaction and methods to determine order of chemical reaction  |
|         | Chamber II          | Understand viscosity, surface tension and refractive index and liquid crystals   |
|         | Chemistry -II       | Understand properties of main group elements and study acid rain, global warming   |
|         |                     | Understand projection formulae and their interconversions, concepts of chirality, enantiomers, diastereomers, E/Z and R/S notations using C.I.P rule   |
|         |                     |  |
|         |                     | Understand recrystallisation of organic compounds  |
|         |                     | Understand gravimetry  |
|         | Chemistry Practical | Understand paper chromatography for separation of mixtures   |
|         |                     | Understand the calculation of normality of solutions by different titration method .   |
|         |                     | Understand the calculation of chemical kinetics and it effects.  |
|         |                     |  |
|         |                     | Understand Newton's laws and apply them in calculations of the motion of simple  |
|         |                     | Understand Newton's laws and apply them in calculations of the motion of simple systems.   |
|         |                     | Use the free body diagrams to analyze the forces on the object.  |
|         | Physics-I           | Understand the concepts of friction and the concepts of elasticity, fluid mechanics and be able to perform calculations using them.  |
|         | ,                   | Understand the concepts of lens system and interference.   |
|         |                     |  |
|         |                     | Apply the laws of thermodynamics to formulate the relations necessary to analyze a thermodynamic process.  |
|         |                     | Demonstrate quantitative problem solving skills in all the topics covered  |
|         |                     | Understand the type isotopes and their applications  |
|         |                     | Understand the basic properties of structure of a nucleus and the energy parameters and concerned numericals.  |
|         |                     | Demonstrate and understand the quantum mechanical concepts.  |
|         | Physics-II          | Will be able to know different types of nuclear reactions with examples.   |
|         |                     | Demonstrate quantitative problem solving skills in all the topics covered.   |
|         |                     | Know the different types of radioactive disintegrations, their laws and various applications.  |
|         |                     | Understand the different interactions between particles and matter using various chambers.   |
|         |                     |  |
|         |                     | To demonstrate their practical skills.   |
|         |                     | To understand and practice the skills while doing physics practical.   |
|         | Physics Practical   | To understand the use of apparatus and their use without fear.   |
|         | ,                   | To correlate their physics theory concepts through practical.  |
|         |                     | Understand the concepts of errors and their estimation.  |
|         |                     | The second secon |
|         |                     | Understanding of mathematical concept like function, limit, continuity and sequences.  |
|         |                     | Students demonstrate knowledge of both the formal definition and the graphical interpretation of continuity of a function.   |
|         | Mathematics-I       | Graphical interpretation of continuity of a function   |
|         |                     | Ability to appreciate real world applications which uses these concepts  |
|         |                     | Skill to formulate a problem through Mathematical modeling and simulation  |
|         | <u> </u>            |  |



|  | Mathematics-II      | Describe fundamental properties of integers and understand the divisibility property of integers.                                      |
|--|---------------------|--|
|  |                     | Construct rigorous mathematical proofs of basic results and theorems based on divisibility of integers.                                |
|  |                     | Construct Pascal's triangle and find the binomial coefficients.  |
|  |                     | Clearly understand the difference between first and second principle of finite   |
|  |                     |  |
|  | Foundation Course-I | The programme provides the student with the capacity to identify issues and problems relating to the realization of Indian society and |



| Class    | Course              | Outcomes   |
|----------|---------------------|--|
| FY.B.Sc  | Course              | Understand the organic reactions of alkanes, alkenes, alkynes.   |
| Sem-II   |                     | Understand the chemical kinetics, related reactions and temperature which effect on it.  |
| Sem n    | Chemistry-I         | Understand the gaseous state and liquid state with its examples.   |
|          |                     | Understand the covalent bonding, lewis dot structure, acid base concept in detailed.   |
|          |                     | Understand the calculation of pH and graph of pH metry.  |
|          |                     | onderstand are careamaism of pir and graph of pir medy.  |
|          |                     | Understand electrolytes, ionisation constant of acid bases and ionic product of water, types of buffers, buffer action and buffer capacity   |
|          | Chamistan II        | Understand the concept of absorption, emission, scattering, fluorescence, electronic, vibrational and rotational transitions   |
|          | Chemistry -II       | Understand ionic and covalent bonding, the shapes of molecules, lewis dot structure, VSEPR theory, isoelectronic principles, sidgwick powell   |
|          |                     | Understand the types of cycloalkanes and their relative stability, aromaticity, anti-aromaticity and electrophilic substitution reactions  |
|          |                     |  |
|          |                     | Understand redox titrations  |
|          |                     | Understand characterisation of organic compounds   |
|          | Chemistry Practical | Understand the characterisation of elements from given mixture by semi micro analysis.   |
|          |                     | Understand the Ph of the given solution, understand the absorption of the given solution at particular wavelength by colorimetric method.  |
|          |                     | Understand the titration of commercial sample., understand the chemical kinetics of the given solution.  |
| <u> </u> |                     | ,  |
|          |                     | To develop analytical abilities towards real world problems  |
|          | Physics-I           | To familiarize with current and recent scientific and technological developments   |
|          |                     | To enrich knowledge through problem solving, hands on activities, study visits, projects etc.  |
|          |                     |  |
|          |                     | The state of the s |
|          |                     | To study the AC circuit containing pure L,C,R and series LR, CR and LCR.   |
|          |                     | To study the AC bridges.   |
|          | Physics-II          | Students will be familiar with problem solving using network theorems like Thevenin, Norton  |
|          |                     | Student will understand the working of rectifier circuit, will be able to design digital circuits.   |
|          |                     | To study the parameters of Electric field and work and energy in electrostatics.  To study magnetostatics and biot savart's law.   |
|          |                     | To study magnetostatics and blot savart's law.   |
|          |                     | To understand and practice the skills while doing physics practical.   |
|          | Physics Practical   | To understand the use of apparatus and their use without fear.   |
|          |                     | To correlate their physics theory concepts through practical.  |
|          |                     | Understand the concepts of errors and their estimation.  |
|          |                     | Once on the contest of the continued of the continued of the contest of the conte |
| -        | Foundation Course   | The programme provides the student with the capacity to identify issues and problems relating to the realization of Indian society and   |
|          |                     | Understanding of mathematical concept like series, limit,derivative  |
|          | 3.6.4               | Ability to appreciate real world applications which uses these concepts  |
|          | Mathematics-I       | Skill to formulate a problem through Mathematical modeling and simulation  |
|          |                     | Students know the chain rule and applications to the calculation of the derivative of a variety of composite functions.  |
|          |                     |  |
|          |                     |  |
|          |                     | Interpret existence and uniqueness of solutions geometrically.   |
|          | Mathematics-II      | Understand a matrix and a matrix representation of a given system of linear equations.   |
|          |                     | Solve a wide range of problems based on different system of linear equations in different number of variables(unknowns).   |
|          |                     | Understand a vector space and construct proofs for the basic properties of a vector space.   |



| Class   | Course            | Outcomes  |
|---------|-------------------|---|
| SY.B.Sc | Foundation Course | Understanding the constitutional rights/legal rights of the vulnerable people   |
| sem-III |                   | To understand the different types of disaster and their mitigation, efforts of the government in that respect   |
|         |                   | To understand the history of science and technology   |
|         |                   | also to understand the communication skills, soft skills required for in an organization.   |
|         |                   | Understand the concepts of mechanics & properties of matter & to apply them to problems.  |
|         | Physics-I         | Comprehend the basic concepts of thermodynamics & its applications in physical situation.   |
|         | Filysics-1        | Learn about situations in low temperature.  |
|         |                   | Demonstrate tentative problem solving skills in all above areas.  |
|         |                   |   |
|         |                   | Understand the basic concepts of oscillators and be able to perform   |
|         |                   | Understand the basic concepts of mathematical physics and their   |
|         | Physics-II        | Understand the basic laws of electrodynamics and be able to perform calculations using them.  |
|         |                   | Understand the basics of transistor biasing, operational amplifiers, their  |
|         |                   | Demonstrate quantitative problem solving skill in all the topics covered.   |
|         |                   | Awareness of a brief history of physics, giving emphasis on the birth of quantum theory using black body radiation, photoelectric, X rays and De  |
|         |                   | Students will be exposed to contextual real life situations.  |
|         | Physics-III       | Students will appreciate the role of Physics in 'interdisciplinary areas related to materials and Acoustics etc.  |
|         | ,                 | The learner will understand the scope of the subject in Industry & Research.  |
|         |                   | Experimental learning opportunities will faster creative thinking & a spirit of inquiry.  |
|         | Physics Practical | Understand & practice the skills while performing experiments.  Understand the use of apparatus and their use without fear & hesitation.  Correlate the physics theory concepts to practical application.  Understand the concept of errors and their estimation. |
|         |                   | •To describe terms involved in the study of conductivity and chemical bonding.  |
|         |                   | •To able to explain the concepts of Free energy, Covalent bonding and reactivity in organic compounds.  |
|         | Chemistry-I       | •Shall be able to demonstrate the formation of hybrid orbitals and interconversion of organic functional groups.  |
| -       |                   | •Shall be able to evaluate the effect of thermodynamic parameters on open system, various constant values using conductivity studies and magnetic •To be able to design a chemical reaction.  |
|         |                   | To understand concept of colligative properties   |
|         | Chemistry-II      | To understand kinetic mechanism through derivation, sums solving and experimental methods   |
|         | •                 | To learn basic concepts of periodic table and vast study of p-block elements  |
| }       |                   | To learn nomenclature of various carbonyl compounds and mechanisms involved in various reactions  |
|         |                   | Understand the purpose of analysis and classical non-classical methods of analysis  |
|         |                   | Understand the terms, types and techniques of sampling of solids, liquids and gases   |
|         |                   | Understand the errors in analysis and their types   |
|         |                   | Understand the different types of titrimetry and indicators used in titrations  |
|         | Chemistry-III     | Understand the calibration of glassware, primary and secondary standards in titrimetry  |
|         |                   | Understand the concept of gravimetry, digestion, filtration, ignition and drying  |
|         |                   | Understand the estimation of nickel in Cu-Ni alloy using dimethylglyoxime   |



|                         | Understand Basic concepts of instrumental Methods.  |
|-------------------------|---|
|                         | Understanding the Visible and UV Spectroscopy.  |
|                         |   |
|                         | To Practice the skills of Organic preparation   |
|                         | To understand the concept of recrystallization and study physical constants   |
| Chemistry Practical     | To make the learner capable of analysing and interpreting results of the experiments he conducted or performed                          |
| Chemistry Fractical     | To make students get hands on experience on various instruments like potentiometer, pH meter etc.                                       |
|                         | To able to evaluate the Kinetics of reaction  |
|                         | To transfer the skill of drawing graph and interpreting result using graph.   |
|                         |   |
|                         | Understanding of the concepts of several variables like inner product, norm function, scalar fields, vector fields                      |
| Maths-I Calculus-III    | Understanding of geometrical interpretation of directional derivatives and total derivative of functions of several variable            |
| iviatiis-i Calculus-iii | Ability to compute directional derivatives and partial derivatives of scalar fields   |
|                         | Understanding of the applications of differentiation of functions of several variables and approximations of functions as series        |
|                         |   |
|                         | Understanding of the concepts of linear transformations and matrices and relation between the two                                       |
|                         | Understanding of the dimension of solution spaces of system of equations through rank of matrices and row spaces, column spaces         |
| Maths-II Algebra-III    | Understanding of the concepts of determinant, and determinant as n-linear transformation  |
| Maths II Alberta III    | Understanding of the application of permutations to determinant existence   |
|                         | Understanding of the applications of determinant as area and volume   |
|                         | Understanding of the concepts of inner product and orthogonalization of vectors and orthogonal complements of subspaces                 |
|                         |   |
|                         | Understanding of the permutations as bijections and related concepts  |
| Maths-III Discrete      | Understanding of the recurrence relation and the ability to solve a recurrence relation   |
| Mathematics             | Understanding of the concepts of counting and applications of recurrence relation to stirling numbers, pigeonhole principle to geometry |
|                         | Understanding of the applications of permutations to binomial and multinomial theorem and many counting problems                        |



| Class   | Course              | Outcomes  |
|---------|---------------------|---|
| SY.B.Sc | Foundation Course   | Understanding the constitutional rights/legal rights of the vulnerable people, the different types of disaster and their mitigation, efforts of the |
| sem-IV  |                     |   |
|         | Physics-I           | Understand the diffraction and polarization processes and applications of them in physical situations.  |
|         |                     | Understand the applications of interference in design and working of interferometers.   |
|         |                     | Understand the resolving power of different optical instruments.  |
|         |                     | Understand the working of digital circuits. Use IC 555 time for various timing applications.  |
|         |                     | Demonstrate quantitative problem solving skills in all the topics covered.  |
|         | Physics-II          | Understand the postulates of quantum mechanics and to understand its  |
|         |                     | Demonstrate quantitative problem solving skills in all the topics covered.  |
|         | Physics-III         | Understand the concepts of mechanics and properties of matter and to apply them to problems   |
|         |                     | Comprehend the basic concepts of Thermodynamics and its application in physical situations  |
|         |                     | Learn about situations in low temperature   |
|         |                     | Demonstrate tentative problems solving skills in all above areas  |
|         |                     | Demonstrate tennal ve provienis sorving sams in air above areas   |
|         | Physics Practical   | Understand and practice the skills while performing experiments   |
|         |                     | Understand the use of apparatus and their use without fear and hesitations  |
|         |                     | Correlate their physics theory concepts to practical applications   |
|         |                     | Understand the concept of errors and their estimations  |
|         |                     | Learning the Electrochemical conventions. Types of electrodes and Electrochemical series.   |
|         | Chamaiatus I        | Numericals on EMF of cell and its thermodynamic parameters.   |
|         | Chemistry-I         | Understanding the Phase diagrams of one component and two component system.   |
|         |                     | Studying the reactivity and reactions of Carboxylic acids and their derivatives, Sulphonic acids.   |
|         |                     | To learn the concept of crystallography, study laws involved and different crystal studies  |
|         |                     | To understand the concept of catalytic processes  |
|         | Chemistry-II        | To learn the concept of Latimer equation and predominance diagrams for various ions at different range of acidity and basicity and                  |
|         |                     | To study nomenclature and reaction mechanisms of nitrogen containing compounds  |
|         |                     | Understand different types of separation methods  |
|         |                     | Understand the basic instrumentation, working and applications of electrophoresis   |
|         |                     | Understand Nernst distribution law, distribution ratio and partition coefficient  |
|         |                     | Understand concept of extraction, percentage extraction, batch and continuous extraction.   |
|         | Chemistry-III       | Understand paper and thin layer chromatography  |
|         |                     | Understand the principle of potentiometry, the role of reference and indicator electrode  |
|         |                     | Understand the principle of pH metry, conductometry, working of combined glass electrode  |
|         |                     | Understanding the Statistical Treatment of analytical data  |
|         |                     | To make the learner capable of analysing and interpreting results of the experiments he conducts or performs  |
|         |                     | To make students get hands on experience on various instruments like potentiometer, pH meter, spectrophotometer etc.                                |
|         |                     | To able perform organic Spotting  |
|         | Chemistry Practical | To able to Prepare Inorganic complexes.   |
|         |                     | To able to evaluate the Kinetics of reaction  |
|         |                     |   |
|         |                     | To transfer the skill of drawing graph and interpreting result using graph.   |



|                        | To be able to analyse impurities and interpret errors and deviations volumetrically and instrumentally                                       |
|------------------------|--|
|                        | Understanding of the concepts of integration as approximation of area  |
| Matha I Calaulua IV    | Understanding of the indefinite and improper integrals   |
| Maths-I Calculus-IV    | Understanding of the applications of integration in Beta, Gamma functions and area, volume, curve length problems                            |
|                        | Ability to compute area, volume and length of geometrical figures  |
|                        |  |
|                        | Understanding of the abstract structure groups and subgroups and its concepts with examples  |
| Maths-II Algebra-IV    | Understanding of the cyclic groups and abelian groups  |
|                        | Understanding of the group homomorphism and group isomorphism and the concepts of cosets   |
|                        |  |
|                        | Understanding of the differential equations and its solutions  |
|                        | Ability to solve first order differential equations through various methods  |
| Maths-III Ordinary     | Understanding of the second order differential equations and ability to solve second order differential equations with constant coefficients |
| Differential Equations | Understanding of the higher order differential equations as system of first order differential equations                                     |
|                        | Ability to solve system of linear differential equations   |
|                        | Understanding of the applications of first order differential equations to orthogonal trajectories, population and current problem           |



| Class   | Course                 | Outcomes   |
|---------|------------------------|--|
| TY.B.Sc |                        | To understand the concepts of different types of molecular spectroscopy and terms involved in it                                   |
| 11.0.30 |                        | To diffuenciation the concepts of different types of molecular spectroscopy and terms involved in it                               |
| sem-V   |                        | To conceptualize various colligative properties and able to relate it with thermodynamic derivation                                |
|         | Chemistry-I            | To understand collision theory involved in chemical kinetics   |
|         |                        |  |
|         |                        | To be able to understand basic concepts of nuclear chemical reactions and its fission and fusion process                           |
|         |                        | To make them relate their theoretical part with numericals solving   |
|         |                        |  |
|         |                        | To understand the symmetry of molecules and their structure to property relation   |
|         | 61                     | To be able to understand the structure of solids and their properties  |
|         | Chemistry-II           | To Study properties, separation and uses of Lanthanides  |
|         |                        | To understand the application of VSEPR to selective p block elements   |
|         |                        |  |
|         |                        |  |
|         | Chemistry-III          | understand the electronic transition state, cycloaddition, and Norrish I and Norrish II cleavages.                                 |
|         |                        | understand the iupac nomenclature, understand the different types of agrochemicals.  |
|         |                        | understand the different types heterocyclic reactions .  |
|         |                        |  |
|         |                        | Understand the concept of Quality, Quality Control, Quality Assurance.   |
|         |                        | Learning the interconversion of Chemical units, Techniques and types of Chemical sampling.   |
|         | Chemistry-IV           | Understanding types and theory of Redox and complexometric titration and indicators used in such titration .                       |
|         |                        | Understanding instrument used for Atomic spectroscopy, Molecular Spectroscopy and Study of turbid solutions.                       |
|         |                        | Learning of Factors affecting Solvent extraction, Instrumentation and Principle of HPLC and HPTLC.                                 |
|         |                        | Understand the economic aspects of chemical manufacturing processes  |
|         |                        | Understand Perfumes, sweeteners, Flavours and synthesis of vanillin, coumarin, Saccharin   |
|         |                        | Understand industrial solvents, concept of drugs and synthesis of various drugs  |
|         | Heavy & Fine Chemicals | Understand the concept of fluoro aromatics; understand the pumps and structures and uses   |
|         | as applied Component   | understand the uses of fertilisers and preparation of it   |
|         |                        | understand the heavy and fine chemicals which are used in industries level   |
|         |                        | understand the separation of solid-solid mixture by filtration method.   |
|         |                        |  |
|         |                        | To make the learner capable of analysing and interpreting results of the experiments he conducted or performed                     |
|         | Chamalatus Duration I  | To make students get hands on experience on various Device/instruments like Viscometer, potentiometer, pH meter, Flame Photometer, |
|         | Chemistry Practical    | To able Separate the organic binary Solid mixture.   |
|         |                        | To transfer the skill of drawing graph and interpreting result using graph.  |
|         |                        |  |
| Class   | Course                 | Outcomes   |
| TY.B.Sc |                        | Students should be able to write cell set and their respective cell reactions  |

| ions |
|------|
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|                          | To understand the theories of coordination compounds and interpret the spectra  |  |  |  |
|--------------------------|---|--|--|--|
|                          | To understand the fact of inorganic species in biological system  |  |  |  |
| Chemistry-II             |   |  |  |  |
| ,                        | To be able to elaborate the reactions and structures of organometallic and coordination compounds   |  |  |  |
|                          | Understand the metallurgical operations for metal extractions   |  |  |  |
|                          | officerstand the metandigical operations for metal extractions  |  |  |  |
|                          | understand the classification of polymer, and its preparation and uses .  |  |  |  |
| Chemistry-III            | understand catalyst and reagents used in reduction and oxidation reactions  |  |  |  |
|                          | understand the DNA and RNA structures ; classification of nucleic acids.  |  |  |  |
|                          |   |  |  |  |
|                          | Understanding the principle, instrumentation and application of polarography and Amperometric titration.                                    |  |  |  |
| Charatana N/             | Learning the separation techniques using Gas chromatography and Ion exchange chromatography.  |  |  |  |
| Chemistry-IV             | Study of Food products and adulterants in Milk, Honey, Tea and Coffee. Study of Cosmetic products Face powder, lipstick, Deodorants and     |  |  |  |
|                          | Studying the Types, Instrumentation and application of various thermal methods. Introduction and need of Analytical method Validation.      |  |  |  |
|                          |   |  |  |  |
|                          | Understand the need and scope of small scale industry, SSI rules and regulations, role of and D technology, research strategies and patents |  |  |  |
|                          | understand manufacture of soaps, concept of oils and fats and detergents  |  |  |  |
| Heavy & Fine chemicals : | Understand concept of filtration, crystallisation, centrifugation and distillation  |  |  |  |
| •                        | Understand dyes and its various synthesis, understand the brines and its uses.  |  |  |  |
| Applied component        | understand the different types of vessels use in preparation of bulk amount of chemicals.   |  |  |  |
|                          | understand the separation of volatile liquid and non-volatile liquid by condensation method.  |  |  |  |
|                          | understand the separation of volatile liquid and solid by condensation method.  |  |  |  |
|                          |   |  |  |  |
|                          | To make the learner capable of analysing and interpreting results of the experiments he conducted or performed                              |  |  |  |
|                          | To make students get hands on experience on various instruments like potentiometer, pH meter, spectrophotometer etc.                        |  |  |  |
| Ch and the constitute    | To able Separate the liquid Organic binary mixture.   |  |  |  |
| Chemistry practical      | To transfer the skill of drawing graph and interpreting result using graph.   |  |  |  |
|                          |   |  |  |  |
|                          | To able to analyse qualitatively and quantitatively chemicals based on volumetric and semimicro analysis                                    |  |  |  |
|                          |   |  |  |  |



| Class          | Course               | Outcomes  |
|----------------|----------------------|---|
| FY.B.S.c (I.T) |                      | Understanding Algorithms and basic programming logic  |
| Sem-I          | Imperative           | Understands the basic structure, operators and statements of C language.  |
|                |                      | Define decision making statements and solve problems based on it.   |
|                | Programming          | Learns that it serves as a basic language of all advanced computer languages.   |
|                |                      | Learn about pointers that deals directly with memory  |
|                |                      |   |
|                |                      | Gain knowledge between different types of number systems, and their conversions.  |
|                | Digital Electronics  | Design various logic gates and simplify Boolean equations.  |
|                | Digital Electronics  | Design various flip flops, shift registers and determining outputs.   |
|                |                      | Design different types of counters  |
|                |                      |   |
|                | Operating system     | To provide a understanding of operating system, its structures and functioning  |
|                | Operating system     | Develop and master understanding of algorithms used by operating systems for various purposes.                                  |
|                |                      | Understand Virtualization concept in depth.   |
|                |                      | Understand and analyse theory and implementation of: processes, resource control (concurrency etc.), physical and virtual       |
|                |                      |   |
|                |                      | Students were able to understand about how to handle the operating system, installation of various operating systems like       |
|                |                      | Windows, Linux on virtual machine.  |
|                |                      | Understand the working of DOS and Linux commands.   |
|                | Operating system     | Understand the usage of MS Office Package   |
|                | practical            | Understand Installation of Utility software on virtual machine.   |
|                |                      | ·   |
|                |                      |   |
|                |                      | Understanding the basics of set theory and ability to convert logical statements as mathematical statements                     |
|                |                      | Understanding different methods of proofs and ability to prove logical statements   |
|                | Discrete Mathematics | Understanding the basics of relations and functions and solving recurrence relation   |
|                |                      | Knowledge of theory of graphs and trees   |
|                |                      | Understanding the counting and probability theory and ability to use different counting principles to solve a practical problem |
|                |                      | ,   |
|                |                      | To work effectively as a part of a team to achieve a common stated goal.  |
|                | G                    | To adhere to the highest standards of ethics, including relevant industry and organizational codes of conduct.                  |
|                | Communication skills | To communicate effectively with a range of audiences both technical and non-technical.  |
|                |                      | To develop an aptitude to engage in continuing professional development   |



| Class          | Course                          | Outcomes  |
|----------------|---------------------------------|---|
| FY.B.S.c (I.T) |                                 | Understand the features of C++ supporting object oriented programming   |
| Sem-II         | Object Oriented                 | Understand the relative merits of C++ as an object oriented programming language  |
|                | Programming                     | Understand how to produce object-oriented software using C++  |
|                | Fiogramming                     | Understand how to apply the major object-oriented concepts to implement object oriented programs in C++, encapsulation, |
|                |                                 | Understand advanced features of C++ specifically stream I/O, templates and operator overloading                         |
|                |                                 | Construction of a maintainable assembly language program for an algorithm.  |
|                | Microprocessor                  | To introduce students with the architecture and operation of typical microprocessors.                                   |
|                | Architecture                    | To familiarize the students with the programming and interfacing of microprocessors                                     |
|                |                                 | To provide strong foundation for designing real world applications using microprocessors                                |
|                |                                 | Acquire knowledge about functionalities of World Wide Web and E-Mail.   |
|                |                                 | Apply a structured approach to identifying needs, interests, and functionality of a website.                            |
|                |                                 | Write well-structured, easily maintained, standards-compliant, accessible   |
|                | Web Programming                 | HTML code, CSS code to present html pages in different ways.  |
|                | Web Frogramming                 | Explore Markup languages features and create interactive web pages using them   |
|                |                                 | Design dynamic websites that meet specified needs and interests.  |
|                |                                 | Learn and design Client side validation using scripting languages   |
|                |                                 | Acquire knowledge about Scripting libraries   |
|                |                                 | Ability to flowchart and pseudocode logic for problem solving   |
|                | Numerical & Statistical Methods | Solve root finding problems using several methods   |
|                |                                 | Solve systems of linear algebraic equations using Gauss elimination   |
|                |                                 | Apply various interpolation methods and finite difference concepts.   |
|                | Green Computing                 | Describe green IT in relation to technology is cost-effective due to less energy usage & cooling requirements.          |
|                |                                 | Sustainable IT helps in the preservation and effective utilization of natural resources.                                |



| Class          | Course              | Outcomes   |
|----------------|---------------------|--|
| SY.B.S.c (I.T) |                     | Interpret the fundamental Python syntax and semantics and be fluent in the use of Python control flow statements.                |
| Sem-III        |                     | Identify the commonly used operations involving file systems and regular expressions.  |
|                | Python Programing   | Determine the methods to create and manipulate Python programs by utilizing the data structures like lists, dictionaries, tuples |
|                |                     | Articulate the Object-Oriented Programming concepts such as encapsulation, inheritance and polymorphism as used in               |
|                |                     | Express proficiency in the handling of strings and functions.  |
|                |                     |  |
|                |                     | To impart the basic concepts of data structures and algorithms   |
|                | Data Structures     | To understand concepts about searching and sorting techniques  |
|                | Data Structures     | To Understand basic concepts about stacks, queues, lists, trees and graphs   |
|                |                     | To understanding about writing algorithms and step by step approach in solving problems with the help of fundamental data        |
|                |                     |  |
|                |                     | Understand about data communication and networking.  |
|                |                     | Understand about how data exactly data flows from source to the destination.   |
|                | Computer Network    | Understand about protocols which help to flow data globally  |
|                |                     | Gain knowledge about Digital and analog transmission   |
|                |                     | Gain knowledge about connecting devices virtually.   |
|                |                     |  |
|                |                     |  |
|                | Database Management | Students will be able to comprehend and evaluate the role of database management systems in information technology               |
|                | Systems             |  |
|                |                     | Design and implement managery structured databases that match the standards based and a malistic constraints and conditions      |
|                |                     | Design and implement properly structured databases that match the standards based under realistic constraints and conditions.    |
|                |                     |  |
|                |                     | To comprehend how to use Structured Query Language (SQL) to define and manipulate database information                           |
|                |                     | Explain the principle of transaction management design.  |
|                |                     | Able to work in a group on the design, and implementation of a database system project.  |
|                |                     |  |
|                |                     | Understanding the different operations on matrices and their application in linear algebra                                       |
|                |                     | Understanding the basic concepts of complex numbers and standard complex functions   |
|                | Applied Mathematics | Understanding differential equations and different methods to solve the same and ability to solve differential equations         |
|                |                     | Understanding Laplace transform and ability to compute Laplace transforms  |
|                |                     | Understanding the concept of multiple integrals and ability to solve area and volume problems                                    |



| Course                           | Outcomes  |
|----------------------------------|---|
|                                  | Object oriented programming concepts using Java.  |
| Como Josso                       | Knowledge of input, its processing and getting suitable output.   |
| Cole Java                        | Understand, design, implement and evaluate classes and applets.   |
|                                  | Knowledge and implementation of AWT package.  |
|                                  |   |
| Introduction to                  | Knowledge about hardware and software requirements.   |
|                                  | Understand about the real time working of products like washing machine, owen etc                                 |
| Ellibedded Systems               | Real time simulation, design and development of embedded products.  |
|                                  |   |
|                                  | Understanding the basic computational concepts of statistics  |
| Computer Oriented                | Understanding the theory of probability and ability to solve practical problems by rigorous application of theory |
| Statistical Techniques           | Understanding of sampling and estimation and various way to test a hypothesis                                     |
|                                  | Understanding the concept of curve fitting and deriving a relation between two variables                          |
|                                  |   |
|                                  | Understand the different phases in software development.  |
| Software Engineering             | Understand project management and risk management process   |
|                                  | Able to understand software testing methods   |
|                                  |   |
|                                  | Understand the basic concepts (Input Devices and Output Devices) of Computer Graphics.                            |
| Computer Graphics &<br>Animation | Understand various algorithms to draw line, Circle and Ellipse and Clipping algorithms.                           |
|                                  | Understand 2 dimensional Transformation and 3 dimensional transformations.  |
|                                  | Understand basic concepts of Viewing in 3D, Light, Color.   |
|                                  | Understand Various Techniques for efficient Visible-Surface Algorithms .  |
|                                  | ·   |
| ()                               | Computer Oriented Statistical Techniques  Software Engineering  Computer Graphics &                               |



| Class          | Course                   | Outcomes  |
|----------------|--------------------------|---|
| TY.B.S.c (I.T) |                          | Discovering the interconnection and integration of the physical world.  |
| Sem-V          | Internet of Things       | Learner should get knowledge of the architecture of IoT.  |
|                |                          | Learners are able to design & develop IoT Devices.  |
|                |                          |   |
|                | Linux Administration     | Upon completion of this course, students should have a good working knowledge of Linux, from both a graphical and   |
|                | Liliux Aulillilistration | Student shall be able to progress as a Developer or Linux System Administrator using the acquired skill set.        |
|                |                          |   |
|                |                          | Proficiently develop ASP.NET web applications using C#.   |
|                | Advanced Web             | Use ADO.NET for data persistence in a web application .   |
|                | Programing               | Understanding. NET framework and components.  |
|                |                          | Understand client-server architecture and able to use the skills for web project development.                       |
|                |                          |   |
|                |                          | Explore advanced topic of Java programming for solving problems.  |
|                | Enterprise Java          | Understand the concepts related to Java Enterprise Edition, Servers and Containers.                                 |
|                |                          | Understand Basic concepts of state management techniques and sending requests using methods of Requestdispatcher    |
|                |                          |   |
|                |                          | Identify the different project contexts and suggest an appropriate management strategy.                             |
|                | Software project         | Practice the role of professional ethics in successful software development.  |
|                | management               | Identify and describe the key phases of project management.   |
|                |                          | Determine an appropriate project management approach through an evaluation of the business context and scope of the |



| Class          | Course                           | Outcomes  |
|----------------|----------------------------------|---|
| TY.B.S.c (I.T) |                                  | Learner will understand fundamental of GIS.   |
| Sem-VI         |                                  | Learner will be able to create Vector and Raster data.  |
|                | Geographic<br>Information System | Learner will learn how to manage and process data in GIS and capacity to integrate information from different sources.  |
|                |                                  | Learner will be able to understand complex analysis queries involving geographical reference data to generate new information.  |
|                |                                  | Learner will Compute an image visually and digitally with digital image processing techniques.  |
|                | Software Quality Assurance       | Critically evaluate alternative standards, models and techniques aimed at achieving quality assurance in a variety of software Propose and defend innovative solutions to software quality assurance and measurement Problems in the context of various software development environments |
|                | Assurance                        | Critically evaluate leading edge approaches in software development and attendant quality assurance methodologies,  |
|                |                                  | erideany evaluate retains edge approaches in software development and attendant quanty assurance methodologies,   |
|                |                                  | Introduction to Business intelligence and learn the concepts of Big Data  |
|                |                                  | Understood the process of implementing the Big data   |
|                | Business Intelligence            | Learn BI concepts, methodologies & BI framework   |
|                |                                  | Knows about Hadoop and Core of Hadoop with Hadoop lower levels  |
|                |                                  | Learns the Components of Hadoop and Develops Application in Hadoop  |
|                |                                  | Analyze and resolve security issues in networks and computer systems to secure an IT infrastructure.  |
|                | Git i Gti                        | 2. Design, develop, test and evaluate secure software.  |
|                | Security in Computing            | 3. Develop policies and procedures to manage enterprise security risks.   |
|                |                                  | <ul><li>4. Evaluate and communicate the human role in security systems with an emphasis on ethics, social engineering</li><li>5. Interpret and forensically investigate security incidents.</li></ul>   |
|                |                                  | 5. Interpret and forensicany investigate security incidents.  |
|                |                                  | Understand Sections of IT ACT 2000.   |
|                |                                  | Understand the Cyber Crime and Criminal Justice: Penalties, Adjudication and Appeals Under the IT Act, 2000.  |
|                |                                  | Understand Contracts in the Infotech World and Jurisdiction in the Cyber World.   |
|                | Cyber Laws                       | Understand the meaning of Battling Cyber Squatters and Copyright Protection in the Cyber World.   |
|                | ejec zam                         | Explore and understand E-Commerce Taxation: Real Problems in the Virtual World and Digital Signature, Certifying Authorities and E-Governance.  |
|                |                                  | Understand the sections of The Indian Evidence Act of 1872 vs. Information Technology Act, 2000 and Protection of Cyber Consumers in India.   |
|                |                                  |   |
|                | <b>.</b>                         | To give a practical exposure to the process of software development life cycle.   |
|                | Project Report                   | To develop a quality software solution by following the software engineering principles and practices.  |
|                |                                  | Students are also encouraged to take up a application oriented work and produce results based on its  |



| Class          | Course                      | Outcomes  |
|----------------|-----------------------------|---|
| FY.B.S.c (C.S) |                             | To learn about how computer systems work and underlying principles  |
| Sem-I          | Computer Organization &     | To understand the basics of digital electronics needed for computers  |
|                |                             | To understand the basics of instruction set architecture for reduced and complex instruction sets   |
|                | Design                      | To understand the basics of processor structure and operation.  |
|                |                             | To understand how data is transferred between the processor and I/O devices.  |
|                |                             | Students should be able to understand the concepts of programming before actually starting to write programs.   |
|                | 1                           | Students should be able to develop logic for Problem Solving.   |
|                | Programming with Python-I   | Students should be made familiar about the basic constructs of programming such as data, operations, conditions, loops,   |
|                |                             | Students should be able to apply the problem solving skills using systematically simple language(Python 3.x or higher)  |
|                | Free & Open Source          | Students should have a good working knowledge of Open Source ecosystem, its use, impact and importance.   |
|                | Software                    |   |
|                | Software                    | This course shall help student to learn Open Source methodologies, case studies with real life examples.  Be familiar with open source software products and development tools currently available on the market.   |
|                |                             | ·   |
|                |                             | Be able to utilize open source software for developing a variety of software applications, particularly Web applications.   |
|                | - Database Systems          | Students should be able to evaluate business information problem and find the requirements of a problem in terms of data.  Students should be able to design the database schema with the use of appropriate data types for storage of data in database.  Students should be able to create, manipulate, query and backup the databases |
|                |                             | To provide overview of theory of discrete objects, starting with relations and partially ordered sets.  |
|                | †                           | Study about recurrence relations, generating function and operations on them.   |
|                | Discrete Mathematics        | Give an understanding of graphs and trees, which are widely used in software.   |
|                |                             | Provide basic knowledge about models of automata theory and the corresponding formal languages.   |
|                | Descriptive Statistics &    | Enable learners to know descriptive statistical concepts  |
|                | Introduction to Probability | Enable study of probability concept required for Computer learners  |
|                | introduction to Frobability | Enable study of probability concept required for Computer rearriers   |
|                |                             | To know about various aspects of soft skills and learn ways to develop personality  |
|                | Soft Skills Development     | Understand the importance and type of communication in personal and professional environment.   |
|                |                             | To provide insight into much needed technical and non-technical qualities in career planning  |
|                |                             | Learn about Leadership, team building, decision making and stress management  |
|                |                             |   |

| Class          | Course | Outcomes  |
|----------------|--------|---|
| FY.B.S.c (C.S) |        | Students should be able to write, compile and debug programs in C language. |



|                            | Students should be able to use different data types in a computer program.  |
|----------------------------|---|
| Programming with C         | Students should be able to design programs involving decision structures, loops and functions.                    |
|                            | Students should be able to explain the difference between call by value and call by reference                     |
|                            | Students should be able to understand the dynamics of memory by the use of pointers.                              |
|                            | Students should be able to use different data structures and create/update basic data files.                      |
|                            | •   |
|                            | Students should be able to understand how to read/write to files using python.                                    |
|                            | Students should be able to catch their own errors that happen during execution of programs.                       |
| Programming with Python-   | Students should get an introduction to the concept of pattern matching.   |
| II                         | Students should be made familiar with the concepts of GUI controls and designing GUI applications.                |
|                            | Students should be able to connect to the database to move the data to/from the application.                      |
|                            | Students should know how to connect to computers, read from URL and send email.                                   |
|                            |   |
|                            | Upon completion of this course, students should have a good working knowledge of Linux, from both a graphical and |
|                            | command line perspective, allowing them to easily use any Linux distribution                                      |
| Linux                      | This course shall help student to learn advanced subjects in computer science practically.                        |
| ]                          | Student shall be able to progress as a Developer or Linux System Administrator using the acquired skill set.      |
|                            |   |
| D . G                      | Learn about Data structures, its types and significance in computing  |
| Data Structures            | Explore about Abstract Data types and its implementation  |
|                            | Ability to program various applications using different data structure in Python                                  |
|                            | Understanding of Mathematical concepts like limit, continuity, derivative, integration of functions.              |
| Calculus                   | Ability to appreciate real world applications which uses these concepts.  |
| Calculus                   | Skill to formulate a problem through Mathematical modeling and simulation.  |
|                            | Same to rounding a process arough madeling and sindadon   |
| Stat. Methods & Testing of | Enable learners to know descriptive statistical concepts  |
| Hypothesis                 | Enable study of probability concept required for Computer learners  |
| **                         |   |
|                            | Programming with Python- II  Linux  Data Structures  Calculus  Stat. Methods & Testing of                         |



| Class          | Course                                  | Outcomes  |
|----------------|---|---|
| SY.B.S.c (C.S) |   | Understand Grammar and Languages  |
| Sem-III        | Theory of Computation                   | Learn about Automata theory and its application in Language Design  |
|                |   | Learn about Turing Machines and Pushdown Automata   |
|                |   | Understand Linear Bounded Automata and its applications   |
|                |   |   |
|                |   | Object oriented programming concepts using Java.  |
|                | Core Java                               | Knowledge of input, its processing and getting suitable output.   |
|                | Core Java                               | Understand, design, implement and evaluate classes and applets.   |
|                |   | Knowledge and implementation of AWT package.  |
|                |   |   |
|                | Operating System                        | To provide a understanding of operating system, its structures and functioning  |
|                | Operating Bystein                       | Develop and master understanding of algorithms used by operating systems for various purposes.                        |
|                |   | Understand and analyse theory and implementation of: processes, resource control (concurrency etc.), physical         |
|                |   | and virtual memory, scheduling, I/O and files   |
|                |   | Understand concept of Concurrent execution: problems and solutions  |
|                |   | onderstand concept of concurrent execution. problems and solutions  |
|                | D. I. M.                                | Master concepts of stored procedure and triggers and its use.   |
|                | Database Management                     | Learn about using PL/SQL for data management  |
|                | Systems                                 | Understand concepts and implementations of transaction management and crash recovery                                  |
|                |   |   |
|                | Combinatorics & Graph                   | Appreciate beauty of combinatorics and how combinatorial problem naturally arise in many settings                     |
|                | -                                       | Understand the combinatorial features in real world situations and computer science applications.                     |
|                | Theory                                  | Apply combinatorial and graph theoretical concepts to understand Computer Science concept and apply them to solve the |
|                |   | Enable learners to understand System On Chip Architectures.   |
|                | Physical Computing & IoT                | Introduction and preparing Raspberry Pi with hardware and installation.   |
|                | Programming                             | Learn physical interfaces and electronics of Raspberry Pi and program them using practical's.                         |
|                | 110514111111111111111111111111111111111 | Learn how to make consumer grade IoT safe and secure with proper use of protocols.                                    |
|                |   | g man a man a man p p p man p p man a   |
|                | Skill Enhancement: Web Programming      | To design valid, well-formed, scalable, and meaningful pages using emerging technologies.                             |
|                |   | Understand the various platforms, devices, display resolutions, viewports, and browsers that render websites          |
|                |   | To develop and implement client-side and server-side scripting language programs.                                     |
|                |   | To develop and implement Database Driven Websites.  |
|                |   | Design and apply XML to create a markup language for data and document centric applications.                          |

| Class          | Course          | Outcomes  |
|----------------|-----------------|---|
| SY.B.S.c (C.S) |                 | Students will be able to choose appropriate advanced data structure for given problem.      |
| Sem-IV         | Fundamentals of | Students will be able to calculate complexity.  |
|                | Algorithms      | Students will be able to select appropriate design techniques to solve real world problems. |



|   | Aigonumis            | Students will able to apply the dynamic programming technique to solve the problems.                                     |
|---|----------------------|--|
|   |                      | Students will be able to apply the greedy programming technique to solve the problems.                                   |
|   |                      |  |
|   |                      | Understand the concepts of Swing application and JDBC  |
|   |                      | Understand the concepts related to Java Technology   |
|   | Advanced Java        | Explore and understand use of Java Servlets  |
|   |                      | Explore and understand use of Java Server Programming  |
|   |                      | Explore and understand use of Java Beans, struts and JSON  |
|   |                      |  |
|   | Commuter Networks    | Learner will be able to understand the concepts of networking, which are important for them to be known as a 'networking |
|   | Computer Networks    | Useful to proceed with industrial requirements and International vendor certifications                                   |
|   |                      |  |
|   |                      | Basic knowledge and understanding of the analysis and design of complex systems.   |
|   | Software Engineering | Ability to apply software engineering principles and techniques.   |
|   | Software Engineering | Ability to develop, maintain and evaluate large-scale software systems.  |
|   |                      | To produce efficient, reliable, robust and cost-effective software solutions   |
|   |                      |  |
|   | Linear Algebra using | Appreciate the relevance of linear algebra in the field of computer  |
|   | Python               | Understand the concepts through program implementation   |
|   | r ython              | Instill a computational thinking while learning linear algebra.  |
|   |                      |  |
|   |                      | Understand the .NET framework  |
|   | .NET Technologies    | Develop a proficiency in the C# programming language   |
|   |                      | Proficiently develop ASP.NET web applications using C#   |
|   |                      | Use ADO.NET for data persistence in a web application  |
|   |                      |  |
| · | Skill Enhancement:   | Understand the requirements of Mobile programming environment.   |
|   | Android Developer    | Learn about basic methods, tools and techniques for developing Apps  |
| · | Fundamentals         | Explore and practice App development on Android Platform   |
|   | rundamentais         | Develop working prototypes of working systems for various uses in daily lives.   |
|   |                      |  |



| Class          | Course                     | Outcomes   |
|----------------|----------------------------|--|
| TY.B.S.c (C.S) |                            | After completion of this course, learner should get a clear understanding of AI and different search algorithms used for   |
| Sem-V          |                            | The learner should also get acquainted with different learning algorithms and models used in machine learning  |
|                |                            | Analyze the structures and algorithms of a selection of techniques related to searching, reasoning.  |
|                | Elective-I Artificial      |  |
|                | intelligence               |  |
|                |                            | Apply the basic principles, models, and algorithms of AI to recognize, model, and solve problems in the  |
|                |                            | analysis and design of information systems.  |
|                |                            | Compare AI with human intelligence and traditional information processing and discuss its strengths  |
|                |                            |  |
|                |                            | Understand various software testing methods and strategies.  |
|                | Software Testing & Quality | Understand a variety of software metrics, and identify defects and managing.   |
|                | Assurance                  | Those defects for improvement in quality for given software  |
|                |                            | Design SQA activities, SQA strategy, formal technical review report for software quality control and assurance   |
|                |                            |  |
|                | Elective-II Information &  | Understand the principles and practices of cryptographic techniques.   |
|                | Network Security           | Understand a variety of generic security threats and vulnerabilities, and identify & analyze particular security problems for a  |
|                | -                          | Understand various protocols for network security to protect against the threats.  |
|                |                            | Emphasis on SOAP based web services and associated standards such as WSDL.   |
|                | W. I. C.                   | Design SOAP based / RESTful / WCF services Deal with Security and QoS issues of Web Services   |
|                | Web Services               | Efficiently use market leading environment tools to create and consume web services  |
|                |                            | Identify and select the appropriate framework components in creation of web service solution   |
|                |                            |  |
|                | Game Programming           | Learner should study Graphics and gaming concepts with present working style of developers where everything remains on   |
|                |                            | City the construction of the standard constru |
|                | Project Implementation     | Give the opportunity to the student to prove his/her ability in the subject practically through the Project Implementation.  |
|                |                            | To boost his/her confidence and also can encourage the student to perform innovations in the subject as the choice of the  |
|                | 1                          | To create a pool of technologically savvy, theoretically strong, innovatively skilled and ethically responsible  |
|                |                            |  |

| Class         | Course          | Outcomes   |
|---------------|-----------------|--|
| TY.B.S.c C.S) |                 | After successfully completion of this course, learner should be able to articulate the main concepts, key technologies,        |
| Sem-VI        | Cloud Computing | Learner should be able to identify the architecture and infrastructure of cloud computing, including SaaS, PaaS, IaaS, public  |
|               |                 | They should explain the core issues of cloud computing such as security, privacy, and interoperability.                        |
|               |                 |  |
|               | Cyber Forensics | The student will be able to plan and prepare for all stages of an investigation detection, initial response and management     |
|               |                 | Define the concept of ethical hacking and its associated applications in Information Communication Technology (ICT)            |
|               |                 | world.   |
|               | 1               | Explain the methodology of incident response and various security issues in ICT world, and identify digital forensic tools for |
|               |                 | data collection.   |
|               |                 |  |



| Information Retrieval  | After completion of this course, learner should get an understanding of the field of information retrieval and its relationship.  It will give the learner an understanding to apply information retrieval models.  Explains how inverted indexes are augmented in various ways for functionality and speed.  Explains why documents are preprocessed before indexing.  Knows how to process queries that have spelling errors and other imprecise matches to the vocabulary in the document collection beings earched. |
|------------------------|---|
| Data Science           | Analyze and interpret data using an EDA techniques.  Use appropriate models of analysis, assess the quality of input, derive insight from results, and investigate potential issues.  Apply Supervised and Unsupervised algorithms, as well as mathematical and statistical models, and the principles of optimization to appropriately formulate and use data analyses.  |
| Ethical Hacking        | Learner will know to identify security vulnerabilities and weaknesses in the target applications.  They will also know to test and exploit systems using various tools and understand the impact of hacking in real time  Students will learn about various types of attacks, attackers and security threats and vulnerabilities present in the computer system.  To gain knowledge about Ethical hacking and penetration testing.  |
| Project Implementation | Give the opportunity to the student to prove his/her ability in the subject practically through the Project Implementation.  To boost his/her confidence and also can encourage the student to perform innovations in the subject as the choice of the  To create a pool of technologically savvy, theoretically strong, innovatively skilled and ethically responsible generation of   |

