1.1.1 Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which is reflected in Programme outcomes (POs), Programme Specific Outcomes (PSOs) and Course Outcomes (COs) of the Programmes offered by theInstitution.

Curriculum, being the foundation of the institution, fosters the global competencies of the learners by nourishing their quest for new knowledge and skills by meeting the local, regional, national, and global needs as reflected in POs, PSOs and COs.

1. POs of programmes addressing local, regional, national and global needs are:

B.A, M.A & M.Phil. History - Regional, National and Global issues in social, religious, cultural, political and economic conditions.

B.A & M.A English & Tamil- Regional, National and Global issues in Arts, Language and Literature which enhance the individuality in the field of literature.

B.Sc. Zoology- Regional, National and Global issues is giving attention to ecological factors, environmental conservation processes, pollution control and biodiversity and protection of threatened species.

B.Com, M.Com (CA) & BBA- Entrepreneurial (Global), organisational developments andIndustrial learning in Regional and National level.

B.Sc., M.Sc. & M.Phil. Mathematics-Frame Mathematical solutions and reason out logical terms in Research techniques nationally and globally.

B.Sc. Computer Science, B.Sc. IT & M.Sc. IT, BCA, MCA – Expertise in developing moderncomputing platforms and software in Implementation of world-wide networking.

B.Sc., M.Sc. Physics – Understand, analyze and solve advanced problems in society.

B.Sc. N& D- National and Global trends in Food, Social environment and dietary management.

B. Com (CA) & M.Com (CA) - Inculcate professionalism through innovative practices and essential skills demanded by the global software Industry.

B.Sc. Chemistry- Understand environmental issues and key issues facing chemistry in society at national and global levels.

PSOs addressing local, national, regional and global needs are:

B.A, M.A & M.Phil. History – updated knowledge on research methods through perusal of research oriented activities.

B.A, M.A English & Tamil- Holistic understanding of language, literature and the society.

B.Sc. Zoology-. Applications of biological sciences in Biotechnology, Apiculture, Poultry, Fisheries, Aquaculture and Vermiculture.

B.Com, M.Com & BBA - Industrial learning and its impact on Business.

B.Sc. M.Sc. & M.Phil. Mathematics - Operations Research techniques, proficiency especiallyin the execution of any specific projects.

B.Sc. Computer Science, B.Sc. IT & M.sc IT, BCA , MCA – Effectively integrated IT-basedsolutions according to need of user environment.

B.Sc. Chemistry & M.Sc. Physics - Acquire the ability to identify and describe the principles in Industry, and environment.

B.Sc. Nutrition & Dietetics- Formulate innovative, nutritious and novel food products to become successful entrepreneurs.

B. Com & M.Com (CA) - Innovative opportunities and latest technologies that helps to support new business.

DEPARTMENT OF HISTORY

U.G.

Programme Code: H   **Programme Name:** B.A. History

(Tamil Medium & English Medium- Aided)

Programme Outcomes

1. To understand the nature of Historical truth and learn how knowledge about the past is produced and revised.

2. To study the past of societies and obtain empirical knowledge of Indian and World History, with a specific focus on Tamilnadu.

3. Sound Knowledge of Different Historical Periods.

4. Knowledge of Development of Historical Perspective.

5. The study of History helps to impart moral education.

Programme Specific Outcomes

1. Analyzing the relationship between the past and the present is lively presented in History.

2. Understand the present existing the social, political, religious and economic conditions of the people.

3. Enhance practical skills helpful in this study and understanding of Historical maps and models.

4. Acquire interests in the study of History and activities relating to History: They Collect ancient Arts, old coins and other Historical Artifacts.

5. Visit places of Historical Interests, Archaeological sites and Museums.

6. History installs the feeling of patriotism in the hearts of the Pupils.

Course Outcomes
SEMESTER – V

Subject Code: 21H51   (National)

Course Name: History of India –V (1858 A.D. - 1947 A.D.)

Upon completion of the course, the students will be able to

1. To recall the formation of the Indian National Congress and its role.

2. To enrich the knowledge of the students regarding Freedom Struggle.

3. To understand the entire Gandhian Era

Subject Code: 21H52

Course Name: History of Europe - I (1789A.D. - 1914 A.D.)   (National)

Upon completion of the course, the students will be able to

1. To recall the formation of the Indian National Congress and its role.

2. To enrich the knowledge of the students regarding Freedom Struggle.

3. To understand the entire Gandhian Era

Subject Code: 21HE5A   (Global)

Course Name: Tourism

Upon completion of the course, the students will be able to

1. To recall the formation of the Indian National Congress and its role.

2. To enrich the knowledge of the students regarding Freedom Struggle.

3. To understand the entire Gandhian Era

Subject Code: 21HE5B   (Global)

Course Name: Principles and Methods of Archaeology

Upon completion of the course, the students will be able to

1. To recall the formation of the Indian National Congress and its role.

2. To enrich the knowledge of the students regarding Freedom Struggle.

3. To understand the entire Gandhian Era

Subject Code: 21HE5C   (National)

Course Name: Constitutional History of England (Upto 1603.A.D)

Upon completion of the course, the students will be able to

1. To recall the formation of the Indian National Congress and its role.

2. To enrich the knowledge of the students regarding Freedom Struggle.

3. To understand the entire Gandhian Era

Subject Code: 21SEH51   (National)

Course Name: Rural -Urban Administration in India

Upon completion of the course, the students will be able to

1. To recall the formation of the Indian National Congress and its role.

2. To enrich the knowledge of the students regarding Freedom Struggle.

3. To understand the entire Gandhian Era

Subject Code: 21SEH52   (National)

Course Name: Human Rights

Upon completion of the course, the students will be able to

1. To recall the formation of the Indian National Congress and its role.

2. To enrich the knowledge of the students regarding Freedom Struggle.

3. To understand the entire Gandhian Era

SEMESTER –   VI

Subject Code: 21H61   (National)

Course Name: History of India –VI (1947 A.D. -2005 A.D.)

Upon completion of the course, the students will be able to

1. To recall the formation of the Indian National Congress and its role.

2. To enrich the knowledge of the students regarding Freedom Struggle.

3. To understand the entire Gandhian Era

Subject Code: 21H62   **(National)**

Course Name: Elements of Historiography

Upon completion of the course, the students will be able to

1. To recall the formation of the Indian National Congress and its role.

2. To enrich the knowledge of the students regarding Freedom Struggle.

3. To understand the entire Gandhian Era

Subject Code: 21H63

Course Name: History of Europe - II(1914 A.D - 2005 A.D)   **(Global)**

Upon completion of the course, the students will be able to

1. To recall the formation of the Indian National Congress and its role.

2. To enrich the knowledge of the students regarding Freedom Struggle.

3. To understand the entire Gandhian Era

Subject Code: 21HE6A

Course Name: Epigraphy   **(Global)**

Upon completion of the course, the students will be able to

1. To recall the formation of the Indian National Congress and its role.

2. To enrich the knowledge of the students regarding Freedom Struggle.

3. To understand the entire Gandhian Era

Subject Code: 21HE6B

Course Name: Constitutional History of England (1603 A.D. - 1958A.D)   **(Global)**

Upon completion of the course, the students will be able to

1. To recall the formation of the Indian National Congress and its role.

2. To enrich the knowledge of the students regarding Freedom Struggle.

3. To understand the entire Gandhian Era

Subject Code: 21SEH61   **(Global)**

Course Name: Feminism

Upon completion of the course, the students will be able to

1. To recall the formation of the Indian National Congress and its role.

2. To enrich the knowledge of the students regarding Freedom Struggle.

3. To understand the entire Gandhian Era

Subject Code: 21SEH62   (National)

Course Name: Indian History for Competitive Examinations

 Upon completion of the course, the students will be able to

1. To recall the formation of the Indian National Congress and its role.

2. To enrich the knowledge of the students regarding Freedom Struggle.

3. To understand the entire Gandhian Era

Course Outcomes
Outcome Based Education (OBE)

SEMESTER – I

Subject Code: 22OUHI11   **(National)**

Course Name: HISTORY OF INDIA – I (upto 712 A.D.)

Upon completion of the course, the students will be able to

1. To acquire knowledge on geographical features of India and its consequences on Indian history.

2. To develop an understanding over the characteristic features of early Civilizations of India

3. To make awareness on new religions in the 6th century B.C and its philosophies.

4. To understand the prevalence of ahimsa concept during ancient dynasty

5. To acquaint knowledge over the administrative skills of dynasties in ancient India.

Subject Code: 22OUHI12   **(National)**

Course Name: History of Tamilnadu- I (Upto 1336 C.E)

Upon completion of the course, the students will be able to

1. To acquire the knowledge on geographical features on early Tamil country.

2. To familiarize the students with ancient Tamil society.

3. To learn new style of Art and Architecture of Tamil Nadu.

4. To gain knowledge about the imperial Cholas Administration.

5. To develop knowledge on salient features of First and Second Pandiyan Empire.

Subject Code: 22OUHIGEEC1   **(National)**

Course Name: Economic Development of India

Upon completion of the course, the students will be able to

1. To inculcate the Growth and Development of Indian Economy.

2. To estimating the population growth and explosions of India.

3. To know the concepts and Difficulties of calculating in national income.

4. To identify the relevance of Agriculture growth and Industry in Indian Economy. `

5. To assess the achievements and failures of Planning in India.

Subject Code: 22OUHIID1   **(National)**

Course Name: History of Madurai

Upon completion of the course, the students will be able to

1. To know about the History of Madurai.

2. To develop the knowledge about through the ages of Madurai.

3. To understand the Role of agriculture & economic condition of Madurai during this period.

4. To make knowledge on various Historical site & its significant.

5. To acquire knowledge on different religious center of Madurai.

SEMESTER – II

Subject Code: 22OUHI21   **(National)**

Course Name: History of Tamilnadu- II (1336 A.D.- 1800 A.D.)

Upon completion of the course, the students will be able to

1. To Identifying the Vijayanagar rule and learn about the Nayaks ofTamilNadu.

2. To Extending the knowledge and understand the rule of Nayaks.

3. To identify the contribution of Nayaks in Tamil country.

4. To acquire knowledge on the rule of Tanjore Marathas.

5. To Reviving the role of Poligars.

Subject Code: 22OUHIGEEC2   **(Global)**

Course Name: Economics of Marketing

Upon completion of the course, the students will be able to

1. To recognize the students with the basic concepts of Marketing.

2. To understand the different kinds of Buying, Assembling and Selling.

3. To identify the Advantages of Storage and Warehouse.

4. To enable the students to comprehend the functions of Advertising.

5. To develop the knowledge on Media and online Marketing.

Subject Code: 22OUHIID2   (National)

Course Name: Constitution of India

 Upon completion of the course, the students will be able to

1. To create an awareness about the Indian constitution.

2. To enable the students to understand the working of Indian Governmental System.

 3. To understand the framing of law in Union Legislative Assembly

4. To know the functions and powers of Judicial System.

5. To have a wide idea about central and state relations.

SEMESTER – III

Subject Code: 22OUHI31   (National)

Course Name: HISTORY OF INDIA – III (1526 A.D. - 1757 A.D.)

 Upon completion of the course, the students will be able to

1. To understand the emergence of Mughal Empire.

2. To acquire the knowledge of Mughals invasions.

3. To Analyze the Administration and Architecture during the Mughals.

4. To enlighten the Marathas relations with the Mughal Empire.

 5. To explore the establishment of British rule in India.

Subject Code: 22OUHI32   (Global)

Course Name: History of Tamil Nadu - III (1800 A.D. - 2006A.D.)

 Upon completion of the course, the students will be able to

1. To acquire knowledge on Poligar Rebellion against British administration.

 2. To gain knowledge over the Christian Missionaries and other Social Movements.

3. To make awareness on Freedom Struggle in Tamil Nadu.

4. To familiarize with the progress of Political parties in Tamil Nadu.

5. To acquaint knowledge over the Government socio - economic schemes of Tamil Nadu.

Subject Code: 22OUHIGEPS3   (National)

Course Name: Modern Governments – Theory and Practice - Paper I

 Upon completion of the course, the students will be able to

1. To understand on the basic concepts of Modern Governments.

2. To gain knowledge on the Functions of Government.

3. To enable the students to know the functioning of the Constitutions of U.K.

4. To identify the various features of U.S.A.

5. To develop the knowledge on Role of senate and Separation of Powers.

Subject Code: 22OUHISE3 (Global)

Course Name: Computer Applications

Upon completion of the course, the students will be able to

1. To provide a basic knowledge about the computer and its applications.

2. To learn about the various types of Software and Network.

3. To understand the new ideas to adopt in Internet features.

4. To acquire the skills on MS Power Point.

5. To familiarize with the usage of E-mails and its significances.

SEMESTER – IV

Subject Code: 22OUHI41 (National)

Course Name: HISTORY OF INDIA – IV (1757 A.D. - 1858 A.D.)

Upon completion of the course, the students will be able to

1. To understand the establishment of the British administration in India.

2. To recall the Socio-economic and educational reforms in British Period.

3. To acquire knowledge about the achievements of British through the Battles.

4. To trace the evolution of revolt, cause, course and its result.

5. To recognize the constitutional development from 1773A.D to 1858A.D.

Subject Code: 22OUHI42 (Global)

Course Name: History of Science and Technology (Since 17th Century A. D)

Upon completion of the course, the students will be able to

1. To acquire knowledge about the development of Science and Technology in the 17th Century.

2. To understand the invention in Textile Industry and Electricity

3. To make awareness on the origin of Human being and Technology of Telegraph and Telephones.

4. To recognize the developments in the field of Atomic energy and Electronics

5. To appreciate various achievements of the scientists in various fields.

Subject Code: 22OUHIGEPS4   **(National)**

Course Name: Modern Governments – Theory and Practice - Paper II

Upon completion of the course, the students will be able to

1. To understand the functioning of the Swiss Constitution.

2. To gain knowledge about the Constitutional set up in France.

3. To create an awareness among the students about Indian constitutional development.

4. To obtain Knowledge over the features of the Indian Constitutions and its Functions.

5. To Identify the Central and State Government Function and its Relation.

Subject Code: 22OUHISE4   **(Global)**

Course Name: Fundamentals of Entrepreneurship

Upon completion of the course, the students will be able to

1. To inculcate the basic knowledge to start own business.

2. To enable the students to have a strong foundation for their future self-employment.

3. To know the financial Institution for Entrepreneurs.

4. To inculcate the significant of Women Entrepreneurs.

5. To recognize the process of project formulation.

DEPARTMENT OF ENGLISH

U.G.

DEPARTMENT OF ENGLISH

Programme Code: E   **Programme Name: B.A. English**

Programme Outcomes

1. Improve their brilliance in acquisition of listening, speaking, reading and Writing skills in English language. (Global)

2. Acquire many of the skills required for careers in the field of English Language Teaching, lexicography, interpretation/translation and Journalism. (National)

3. Manifest higher level of understanding, analyzing and interpreting any form of literature. (National)

4. Demonstrate skills in expressing thoughts and ideas intelligibly. (Global)

5. Critically evaluate the moral and ethical values in various literary texts and develop global perspectives. (Global)

Programme Specific Outcomes

On completion of B.A. English Programme, the students would be able to

1. Learn various language patterns, sentence structures and dialogue forms for effective communication. (Global)

2. Acquire knowledge about Indian Writing in English, American Literature and Common Wealth Literature. (Global)

3. Explore the full breadth of English and the society. (Global)

4. Develop the ability to read the prescribed texts and understand the forms, styles and structure implied. (Global)

5. Get familiar with variety of genres like Fiction, Nonfiction, Poetry, Biography, Autobiography, Drama and Short stories. (National)

Course Outcomes

SEMESTER – V

Subject Code: 21E51   **(Global)**

Course Name: The Victorian Age and the Modern Age

Upon completion of the course, the students will be able to

1. To gain an understanding of the process of literary development during Victorian age and Modern Age.
2. To enhance the knowledge in British Literature over the social structure of England.
3. To sensitize the students to certain exclusive poetic, dramatic and prose writing qualities of the writers of these two periods.

Subject Code: 21E52   **(Global)**

Course Name: Shakespeare

Upon completion of the course, the students will be able to

1. To enable the students to have a comprehensive view of Shakespeare.

2. To acquaint the students with the themes and techniques of Shakespeare's plays.

3. To familiarize the students with the facets of Shakespearean drama and the sonnets

Subject Code: 21EE5A   **(National)**

Course Name: New Literature

Upon completion of the course, the students will be able to

1. To introduce the students to the writers from Africa and Asia who confront a global audience.

2. To perceive the difference and similarities of one's own Culture and the other.

3. To assimilate the emergent body of literature and human diversity.   .

Subject Code: 21EE5B   **(National)**

Course Name: Indian Folklore

Upon completion of the course, the students will be able to

1. To acquaint with a new emerging genre, Folkloristics/Folk Literature and thereby, develop consciousness of cultural heritage.

2. To interpret the castes and tribes of India through the national heroes, regional heroes and local folk and tribal heroes representing the diversities of culture and collective memory of India.

3. To create and construct their own tales and lores from their nativity.

Subject Code: 21EE5C   **(National)**

Course Name: Theatre Arts

 Upon completion of the course, the students will be able to

1. To give insights into the structure of plays

2. To provide understanding of theatre-performance place and space

3. To create the Ability to write, enact and produce simple plays

Subject Code: 21EE5D   **(Global)**

Course Name: Eco Literature

 Upon completion of the course, the students will be able to

1. To enable the students to have an understanding of Eco- Literature.

2. To enhance the critical views of students in Eco- Literature through the appreciation of poetry.

3. To enable the students to get a deep perception and understanding of nature and literature.

Subject Code: 21SEE51   **(Global)**

Course Name: Creative Presentation Skills

 Upon completion of the course, the students will be able to

1. This course would instill and develop the student's creative ability and hone their imagination.

2. The students would be able to understand the basic skills and knowledge required for the art of writing and Speaking.

3. By the end of this course, the students would be able to deliver an enthusiastic and well-practiced presentation.

Subject Code: 21SEE52   **(Global)**

Course Name: English for Competitive Examinations

 Upon completion of the course, the students will be able to

1. To improve the verbal skills of the students and enables them to do well in the Competitive Examinations
2. To make the students acquaint with the fundamental of grammar
3. To provide a comprehensive guidance to appear for competitive Examinations.

SEMESTER – VI

Subject Code: 21E61   **(Global)**

Course Name: World Classics in Translation

 Upon completion of the course, the students will be able to

1. To enable the students to gain knowledge on the masterpieces of literatures of different nationalities other than British.

2. To expose the learners towards the multi-cultural values, traditions and customs.

3. To introduce different genres of literatures in a global context

Subject Code: 21E62   **(Global)**

Course Name: Diasporic Literature

 Upon completion of the course, the students will be able to

1. To identify how exile, in the form of migration, has led to emergence prolific writers who have contributed to the progress of the English Literature

2. To examine the prominent immigrant themes like, dislocation, displacement, Alienation and Cultural Identity, Identity Crisis and Ethnicity by comprehend the cultural diversity and plurality

3. To agree and appraise a wide range of views and opinions on India and other countries and their cultural space.

Subject Code: 21E63   **(Global)**

Course Name: Global Men's Writings on Women

 Upon completion of the course, the students will be able to

1. To discern the perspective of men over women.

2. To identify the strong women characters in men's writings.

3. To help the students to know the status of women in the society.

Subject Code: 21EE6A   **(National)**

Course Name: English Language Teaching

Upon completion of the course, the students will be able to

1. To learn grammatical, lexical and functional teaching methodologies to technically teach English language.

2. To involve themselves in a learner-centered process of communication and learning

3. To explore and gain the skills and knowledge to design and produce materials for language lessons.

Subject Code: 21EE6B   **(National)**

Course Name: Gender Studies

Upon completion of the course, the students will be able to

1. To engage the students with challenging, cutting – edge ideas at the forefront of developments within contemporary thought related to gender studies.

2. To introduce students to the discipline of gender studies and its specific purposes and perspectives.

3. To give the learners a comprehensive idea of the psychological and sociological emotions associated with gender discrimination.

Subject Code: 21SEE61   **(Global)**

Course Name: Job Oriented Skills

Upon completion of the course, the students will be able to

1. To equip the students with the required skills to face interviews and group discussion.

2. To emphasize individual skills assessment, teamwork skills

3. To acquire the skills required for obtaining and keeping employment

Subject Code: 21SEE62   **(Global)**

Course Name: Journalism and Mass Communication

Upon completion of the course, the students will be able to

1. To Learn about how to write for Media, the history of Media, the pattern, the flare and how to produce newsworthy content.

2. To develop knowledge in various fields such as politics, sports, entertainment, technology and much more

3. To enhance skills about Public Relations on how to build and promote brand image

Course Outcomes
Outcome Based Education (OBE)

SEMESTER – I

Subject Code: 22OUEN11   **(Global)**

Course Name: British Literature

 Upon completion of the course, the students will be able to

1. To know about British Prose, Poetry, Drama & Fiction.

2. To know more about the culture of England from 15th to 20th Century

3. To provide Knowledge about trend setters of Literary Age

4. To make understand about various styles in British Literature

5. To know about components of England from 15th to 20th Century

Subject Code: 22OUEN12   **(National)**

Course Name: Children's Literature

 Upon completion of the course, the students will be able to

1. To enable the students to understand children's literature

2. To identify and recognise the importance of fables

3. To help the students to improve their poetic skills

4. To make the learners appreciate the values of human life

5. To develop an interest in children's literature.

Subject Code: 22OUENGEEN1   **(Global)**

Course Name: Social History of England

 Upon completion of the course, the students will be able to

1. To identify the era- the medieval or middle period and the modern period of England

2. To make conversant with the socio-historical background to literature

3. To correlate the socio-political history with the literary history of English

4. To identify, analyse and interpret the critical ideas, values and themes that appear in various genres of literary and cultural texts

5. To ascertain and recognize the full breadth of English Life and society that offers requisite and imperative introductions about the key themes, cultures, Literature and so on which epitomizes various periods of English Society.

Subject Code: 22OUENID1   **(National)**

Course Name: Communication Skills - I

Upon completion of the course, the students will be able to

1. To identify and develop their communicative English by acquiring Listening, Speaking, Reading, and Writing Skills.

2. To discover various strategies to learn English language in a fun filled and easiest possible manner

3. To cultivate employability skills by developing communicative competency.

4. To improve their language more effectively and concisely.

5. To create Communication Skills for Placement and global mobility

SEMESTER – II

Subject Code: 22OUEN21   **(National)**

Course Name: Indian Writing in English

Upon completion of the course, the students will be able to

1. To familiarize the students with the major writers and literary works in Indian Writing in English from colonial times till the present modern age.

2. To analyze the growth of Indian Writing in English with reference to the historical, political, social and cultural milieu of Indian subcontinent from the colonial days.

3. To understand the place and contribution of Indian Writing in English in Commonwealth Literature.

4. To analyze how effectively the Indian identity, both individual and collective, is represented through English language.

5. To examine how various literary trends prevalent in English literature from all over the world found a natural way into Indian Writing in English during every age

Subject Code: 22OUEN22   **(Global)**

Course Name: Advanced English Grammar

Upon completion of the course, the students will be able to

1. To enable the students to get acquainted with the fundamental knowledge of modern grammar.

2. To equip the learners to apply grammatical knowledge in Spoken English and written English with correct grammatical structure.

3. To impart a working knowledge of the basic rules of the English Language to the students.

4. To develop the skills of constructions in written and Spoken English and help the students gain confidence.

5. To enable the students, acquire adequate skills to use grammatically correct structures that would in turn promote effective speaking and writing.

Subject Code: 22OUENGEEN2   **(Global)**

Course Name: History of English Literature

Upon completion of the course, the students will be able to

1. To expose the students to the evolution of English literature.

2. To acquaint the students with the broader genres of literature in general.

3. To acquire an overview of the social and historical context of the major writers

4. To evaluate the perception of the ideology of a certain age of English literature.

5. To analyze the various movements and waves in English Literature.

Subject Code: 22OUENID2   **(National)**

Course Name: Communication Skills - II

Upon completion of the course, the students will be able to

1. To speak English with fluency

2. To develop listening skill and have the patience to acquire wide knowledge

3. To make use of creativity and to put an end for rote learning.

4. To analyze the power of gaining knowledge, reading enables them to widen their view.

5. To improve the concept of learning Literature.

SEMESTER – III

Subject Code: 22OUEN31   **(Global)**

Course Name: American Literature

Upon completion of the course, the students will be able to

1. To identify and recognize various genres and terms of American Literature in different periods

2. To enable the students to understand the themes and styles of American Poetry

3. To acquaint the students with the philosophy of American thinker

 4. To introduce students to American drama through the study of selected text

 5. To develop an understanding of Cross-cultural perspectives in African-American fiction.

Subject Code: 22OUEN32   **(National)**

Course Name: Indian Literature in English Translation

 Upon completion of the course, the students will be able to

1. To make the students aware of the art of translation.

2. To help the students understand the cultural heritage and traditional values of India through the literary works of Indian regional writers.

 3. To familiarize the students with the regional literature translated into English.

4. To develop a literary sensibility and display an emotional response to the literary texts and cultivate a sense of appreciation for them.

5. To apply the ideas encapsulated in Indian Aesthetics to literary text.

Subject Code: 22OUENGEEN3   **(Global)**

Course Name: Literary Genres and Terms

 Upon completion of the course, the students will be able to

1. To discuss about the impacts and effects of Genres and enable them to appreciate the beauty and style of the poem.

2. To identify the different types of Essays and make them to write their own essays.

3. To relate the concept of various novels and motivate them to know the elements of the novel.

4. To acquire the knowledge to identify and explain styles of Drama and analyse Drama in Text.

5.To identify the Literary Terms and study how these terms contribute to their writing skill.

Subject Code: 22OUENSE3   **(National)**

Course Name: Interview Skills

 Upon completion of the course, the students will be able to

1. To train the students in group discussion and interviews.

2. To instills confidence in students to face interviews.

3. To provide the students a forum for developing their communication skills needed for their career. 4. To improve overall personality of the students

5. To build self-esteem

SEMESTER – IV

Subject Code: 22OUEN41   **(Global)**

Course Name: Women's Writings in English Translation

 Upon completion of the course, the students will be able to

1. To discuss the significant contribution of Female writers in English translation.

2. To develop the skill of translating a text ensuring accuracy in terms of source content, authenticity, cultural appropriateness, language and style.

3. To analyze the theory and practice of the written transmission of general and specialist texts into another language.

4. To learn multi-lingual cultural mediation.

 5. To create understanding on the role of translated works in English Literature.

Subject Code: 22OUEN42   **(National)**

Course Name: Introduction to English Language and Linguistics

 Upon completion of the course, the students will be able to

1. To enumerate the pedagogical skills to the students by acquainting them with the structure of modern English, history of English language, linguistics and methods of teaching English

2. To discuss the challenges of English Language Teaching and Testing

3. To develop the ability to study and analyze languages in general

 4. To devise strategies to see how language operates.

5. To measure the students' learning on the nuances of standard English, Word-Making, Spelling and Pronunciation.

Subject Code: 22OUENGEEN4   **(Global)**

Course Name: English for Competitive Examinations

 Upon completion of the course, the students will be able to

1. To enumerate the pedagogical skills to the students by acquainting them with the structure of modern English and methods of teaching English

2. To discuss the challenges of English Language Testing

3. To develop the ability to study and analyze languages in the four skills

4. To measure the students' learning on the nuances of Standard English.

5. To make the students aware of competitive examination skills

Subject Code: 22OUENSE4   **(National)**

Course Name: Computing Skills

 Upon completion of the course, the students will be able to

1. To introduce the basic skills of computer

 2. To build a strong foundation for student in Ms Word

3. To develop the ability to handle Ms Excel

4. To devise strategies to work in table top and lap top computers 5. To make students serve in IT industries.

DEPARTMENT OF ZOOLOGY

U.G.

DEPARTMENT OF ZOOLOGY

Programme Code: Z   **Programme Name: B.Sc. Zoology**

Programme Outcomes

1. Learners would be able to analyze the relationships among animals, plants and microbes and gain skill in the systematics of animal kingdom.

2. Learners would be inspired to choose career options in the field of Developmental Biology, Fishery industry, Wild life conservation, Ecotourism, Biotechnology and Research etc.

3. Apply the knowledge and understanding of Zoology to one's own life.

4. Gain knowledge of protection of vulnerable and endangered species.

5. Gain Information and skill of advanced biological techniques for experimental purposes.

6. The programme is designed in such a way that students should be able to solve the problems, think scientifically, independently and draw rational conclusions.

7. Students will understand the science of vermicomposting, dairy, aquaculture, beekeeping with respect to entrepreneurship.

Programme Specific Outcomes

1. Maintain high standards of learning in animal sciences.

2. Apply the knowledge to lead a healthy lifestyle.

3. Identify animals beneficial to humans.

4. Awareness on ethical principles.

5. Acquire specific knowledge on the various sections of Life Sciences, Cell Biology, Genetics, Taxonomy, Applied Zoology, General Embryology and Public Health.

6. Understand good laboratory practices and safety.

7. Understand the applications of biological sciences in Biotechnology, Apiculture, Poultry, Fisheries, Aquaculture and Vermiculture.

Course Outcomes
SEMESTER – V

Subject Code: 21Z51   **(National)**

Course Name: Genetics

Upon completion of the course, the students will be able to

1. Understand one's own health and make healthy choices.
2. Learn genetic technologies to help develop targeted medicines for certain diseases.
3. Gain knowledge on the arrangement of genes, their interaction, and the influence of environment on gene expression.

Subject Code: 21ZE5A   **(National)**

Course Name: Ecology & Evolution

Upon completion of the course, the students will be able to

1. Learn interdependence between people and nature that is vital for food production. Able to solve biological problems that impact our lives.
2. Gain knowledge on the connections that exist between different species.

Subject Code: 21ZE5B   **(Global)**

Course Name: Biochemistry

Upon completion of the course, the students will be able to

1. Broadens our understanding of biochemical changes relating to physiological alteration inhuman body.
2. Understand the chemical aspects of biological processes such as digestion, hormonal actionand muscle contraction –relaxation.
3. Application of skills in answering, critically analyzing, interpreting and presenting the resultsof laboratory investigations.

Subject Code: 21SEZ51   **(National)**

Course Name: Biostatistics

Upon completion of the course, the students will be able to

1. To familiarize the students about the basic concepts of Biostatistics and its applications in biology.
2. To draw valid conclusions from the obtained data.

Subject Code: 21Z61   (National)

Course Name: Physiology

Upon completion of the course, the students will be able to

1. Provide thorough understanding of normal body function enabling more effective treatment of abnormal or disease states.

2. Provide insight into the complex nature of the human body and the countless different systems that make it up.

3. Acquire knowledge of the senses, movements and needs of the human body.

Subject Code: 21Z62   (National)

Course Name: Microbiology & Immunology

Upon completion of the course, the students will be able to

1. Acquire knowledge and understanding of the concepts of Microbiology in the field of medicine, industry, environment, genetics, agriculture, food and others.

2. Demonstrate key practical skills/competencies in working with microbes.

3. Demonstrate the basic knowledge of immunological processes at a cellular and molecular level and understand the principles governing vaccination and the mechanisms of protection against infectious diseases.

Subject Code: 21ZE6A   (National)

Course Name: Biotechnology

Upon completion of the course, the students will be able to

1. Understand the principles of animal culture, media preparation, Invitro fertilization andembryo transfer technology.

2. Aware of the applications of recombinant DNA technology in agriculture and production oftherapeutic proteins.

3. Knowledge of the microbial degradation of Pesticides, Bioremediation & Biofertilizers.

Subject Code: 21SEZ61   (Global)

Course Name: Economic Zoology

Upon completion of the course, the students will be able to

1. To make students develop skill in different applications of Zoology.

2. To make them become self-employed entrepreneur

Subject Code: 21Z61P   **(National)**

Course Name: Lab in Genetics, Ecology & Evolution and Biochemistry

 Upon completion of the course, the students will be able to

 1. Observation of simple Mendelian Traits in Man.

 2. Study of probability with two coins using tossing experiments.

 3. Multiple Allelic Inheritance-Rh factor

4. Observation on the study of Polygenetic inheritance of quantitative traits to be interpreted (Neem leaf serration).

Subject Code: 21Z62P   **(National)**

Course Name: Lab in Physiology, Microbiology & Immunology and Biotechnology

 Upon completion of the course, the students will be able to

1. Observation of simple Mendelian Traits in Man.

 2. Study of probability with two coins using tossing experiments.

ALLIED BOTONY

Subject Code: 21AG5   (National)

Course Name: Taxonomy of Angiosperms & Plant Pathology

Upon completion of the course, the students will be able to

1. To learn the morphology of flowering plants.

2. To know the economic values of plants in each family.

3. To bring awareness to the usage of economically useful plants.

4. To identify the plant diseases and the method of rectification.

SEMESTER – VI

Subject Code: 21AG6   (National)

Course Name: Applied Botany

Upon completion of the course, the students will be able to

1. To understand the basic concepts of plant breeding and its methods.

2. To learn plant propagation methods

3. To know the plant tissue culture techniques and their importance

4. To acquire the therapeutic values of various medicinal plants.

5. To study the potential scopes of medicinal plants in nanotechnology.

Course Outcomes
Outcome Based Education (OBE)

SEMESTER – I

Subject Code: 22OUZO11   (Global)

Course Name: Invertebrate

Upon completion of the course, the students will be able to

1. To enable the students to understand the level of organization in invertebrate classifications.

2. To identify the animals and recognize their key characters of all phyla.

3. To help the students gain practical applications in the field of research.

4. To make the learners aware of the human misconceptions, bioethics and phobias associated with invertebrate interactions.

5. To create awareness on the role of Invertebrates in biological communities, ecological interactions.

Subject Code: 22OUZOSE11   (Global)

Course Name: Skill Enhancement Course

Upon completion of the course, the students will be able to

1. Insight the student's knowledge with basics of computer system.

2. Equip the students to access the usage of MS word.

3. Gain knowledge of working with Excel, PowerPoint.

4. Make students to recognize for accessing the usage of Internet.

5. Take up self-employment in all Computer applied fields.

Subject Code: 22OUZOSE12   (Global)

Course Name: Skill Enhancement Course

Upon completion of the course, the students will be able to

1. Acquire knowledge on the different breeds of cattle and their characteristics

2. Make them aware of the factors affecting health and livestock diseases.

3. Learn about nutritional recommendations for lactating mother and breeding management.

4. Acquire the skills to manage a dairy farm or to start one with adequate inputs.

5. Know how on the novel techniques of cattle breeding.

Subject Code: 22OUZOID1 (Global)

Course Name: Inter Disciplinary Course

Upon completion of the course, the students will be able to

1. To enhance the skill and encourage students to contribute to the economy.

2. Examine the potential for self-employment.

3. Prepare the pupils for employment in rural areas that focuses on the social welfare.

4. Emphasize your knowledge of agro ecosystem-cottage industry auxiliary activities.

5. To know the value of dairy products, its efficacy in human livelihoods, as well as to impart useful information on dairy farming

SEMESTER – II

Subject Code: 22OUZO21 (Global)

Course Name: Chordata

Upon completion of the course, the students will be able to

1. To understand the basic and systematic classification of Chordates.

2. To discuss diversity, adaptations, Organization and taxonomic status of Chordates

3. To understand the origin and evolutionary relationship in different subphylum of Chordates

4. To understand the ecological role of different groups of Chordates.

5. To make students learn and describe unique characters of Urochordates, Cephalochordates and fishes

Subject Code: 22OUZOSE21 (Global)

Course Name: Vermitechnology

Upon completion of the course, the students will be able to

1. To impart the knowledge on the identification and biology of earthworms.

2. To foster the skills on the preparation of quality vermicomposting and vermiwash by recycling the waste.

3. To understand the prospects and marketing strategies of Vermitechnology

4. To make them become entrepreneurs.

5. To understand the ill effects of chemical fertilizers and relay on Organic manure.

Subject Code: 22OUZOSE22   **(Global)**

Course Name: Aquaculture

Upon completion of the course, the students will be able to

1. To produce protein rich, nutritive, palatable and easily digestible human food.

2. To produce ornamental fish for aesthetic appeal.

3. To make learners aware of the means of livelihood through commercial and industrial aquaculture. 4. To learn the formation of pearl oyster culture.

5. To discuss the need of water quality management in aquaculture farms

Subject Code: 22OUZOID1   **(Global)**

Course Name: Interdisciplinary Course

Upon completion of the course, the students will be able to

1. To learn the basic principles and techniques of Ornamental fish culture.

2. To study the salient features of popular ornamental fishes.

3. To get an exposure on setting up and maintenance of aquarium.

4. Acquire knowledge on principles, designing and maintenance of an aquarium.

5. Motivation to take up entrepreneurship through ornamental fish culture.

Subject Code: 22OUZO31   **(Global)**

Course Name: Cell & Molecular Biology

Upon completion of the course, the students will be able to

1. To illustrate, elucidate and describe the basic structure and functions of cell as a basic fundamental unit of an organism

2. To explore the molecular architecture of biomolecules and their complex interactions.

3. To learn about the significance of macromolecules- DNA, RNA and proteins.

4. To understand the importance of cell division and replication.

Subject Code: 22OUZO41   **(Global)**

Course Name: Developmental Biology

Upon completion of the course, the students will be able to

1. To make an awareness to the students about the theories, concepts and basics of Developmental Biology.

2. To provide students about the idea of sex cells, fertilization, cleavage, differentiation and development of organs.

3. To make an awareness of the induction, organizers and development of extra embryonic structures. 4. To provide adequate explanation to students about the late embryonic developments and post embryonic development and ageing.

5. To give an idea about teratogenesis, invitro fertilization, stem cells and amniocentesis to the students.

ALLIED CHEMISTRY

Course Outcomes
Outcome Based Education (OBE)

SEMESTER – III

Subject Code: 22OUZOGECH3/ 22OUMAGECH3   **(Global)**

Course Name: Chemistry–III Industrial Chemistry

 Upon completion of the course, the students will be able to

1. To gain knowledge about the chemistry of important manufacturing process of match industry.

2. To gain the basic knowledge about manufacture and properties of cement and glass.

3. To understand the classification, manufacture and applications of fertilizers.

4. To achieve the knowledge on the preparation, and applications of natural rubber and synthetic rubber.

5. To analyze and apply the knowledge of plastics and paper industry

SEMESTER – IV

Subject Code: 22OUZOGECH4/ 22OUMAGECH4   **(Global)**

Course Name: Chemistry –IV - Medicinal, Green & Nano Chemistry

 Upon completion of the course, the students will be able to

1. To learn about classification, application of Anesthetics, Analgesics and Antipyretics

2. To become familiar with Sulpha Drugs, Antibiotics and Antiseptics.

3. To learn the chemistry of Hypnotics, Sedatives and Tranquilizers

4. To study the nature of Green Chemistry.

5. To learn various synthesis techniques of Nanoparticles.

DEPARTMENT OF COMMERCE

U.G.

DEPARTMENT OF COMMERCE

Programme Code: C   **Programme Name: B.Com.**

Programme Outcome

1. Complete Professional Courses like CA, CS, CMA, MBA, M.Com, CPA and ACCA Successfully.

2. Become Chartered Accountant, Chief Internal Auditor, Chief Accountant, Legal Advisor, Managers and Sales representatives in multinational companies.

3. Acquire skill to select teaching and research as a Profession.

4. Became successful and socially responsible women entrepreneurs with creative ideas.

5. To gain knowledge that helps to face various competitive examination.

Programme Specific Outcomes

On completion of B.Com. Commerce Programme, the students would be able to

1. To become experts in accounting methodology and enhance professionalism through innovative practices, to be tactful in facing unforeseen demands and changes in situational roles in industry and academics.

2. To gain through subject knowledge from practical experiences, industrial learning and internship.

3. To develop entrepreneurial skills, groups activities, spirit of coordination shaping up their Professionalism.

4. To adopt innovative opportunities, latest technologies that helps to develop new business.

5. To enhance informative, and expressive computer knowledge that helps them to face the competitive examinations.

Course Outcomes
SEMESTER – V

Subject Code: 21C51   **(National)**

Course Name: Corporate Accounting

Upon completion of the course, the students will be able to

1. To understand the accounting system used in joint stock companies.

2. To train the students in the preparation of Company Accounts. Environment on gene expression.

Subject Code: 21C52   **(National)**

Course Name: Commercial law

Upon completion of the course, the students will be able to

1. To familiarize the students with the concepts of Commercial law.

2. To acquaint the students about the provisions of Contract Act and Sale of Goods Act

Subject Code: 21C53   **(National)**

Course Name: Income Tax -I

Upon completion of the course, the students will be able to

1. To learn the computation of income under various heads.

2. To acquaint the students about the Residential status of Assessee.

Subject Code: 21CE5A   **(Global)**

Course Name: Management Accounting

Upon completion of the course, the students will be able to

1. To help the students to know the evolution of management Accounting.

2. To understand the principles and practice of management Accounting.

Subject Code: 21CE5B   **(National)**

Course Name: Human Resource Management

Upon completion of the course, the students will be able to

1. To learn the principles and practices of Human Resource Management.

2. To enhance the knowledge of students in the applications of Human Resource functions.

Subject Code: 21CE5P   **(National)**

Course Name: Tally Lab

Upon completion of the course, the students will be able to

1. To give a practical knowledge on accounting through computers.

2. To train the students in the preparation of Payroll Accounting

Subject Code: 21CE5C   **(National)**

Course Name: E- Commerce

Upon completion of the course, the students will be able to

1. To understand the concepts of E-Commerce and its application in business.

2. To equip the students with the skills of computer networking and E-Payment system in the modern era.

Subject Code: 21SEC51   **(National)**

Course Name: General Knowledge

Upon completion of the course, the students will be able to

1. To enhance the skills of students in General Knowledge.

2. To help the students to know about the current affairs.

SEMESTER – VI

Subject Code: 21C61   **(National)**

Course Name: Special Accounts

Upon completion of the course, the students will be able to

1. To Train the student in the presentation of Banking, insurance Company Accounts.

2. To understand the legal provision of Holding companies and subsidiary companies.

Subject Code: 21C62   **(National)**

Course Name: Industrial Law

Upon completion of the course, the students will be able to

1. To know about the various statutory provisions relating to Industries.

2. To learn about the industrial disputes and settlement of disputes.

Subject Code: 21C63   **(National)**

Course Name: Income Tax - II

Upon completion of the course, the students will be able to

1. To acquire knowledge on assessment of tax.

2. To help the students to know about the Income tax authorities and procedures for

assessment

Subject Code: 21CE6A   **(Global)**

Course Name: Financial Management

Upon completion of the course, the students will be able to

1. To understand the various tools and techniques of Financial Management

2. To help the students in financial decision making

Subject Code: 21CE6B   (National)

Course Name: Services Marketing

Upon completion of the course, the students will be able to

1. To understand the concept, principles and practice of services marketing

2. To help the students to know about the services marketing mix and various sectors in service industry.

Subject Code: 21SEC61   (National)

Course Name: Soft Skills for Job Seekers

Upon completion of the course, the students will be able to

1. To develop the skills and personality of the students.

2. To encourage the students in preparing resumes

Subject Code: 21SEC62   (National)

Course Name: Quantitative Aptitude & Reasoning Skills

Upon completion of the course, the students will be able to

1. To develop aptitude skills and reasoning ability of students

2. To enhance the problem solving capacity of students in competitive examinations.

2. To Estimate the cost factors for the development of a software product.

3. To Comprehend the Managerial Aspects of Software Maintenance.

Course Outcomes
Outcome Based Education (OBE)

Subject Code: 22OU1COM1

(National)

Course Name: Business Correspondence

Upon completion of the course, the students will be able to

1. To enable the students to understand the Essential Parts of a Business Letter.

2. To identify the Contents of an order letter.

3. To help the students gain practical applications in the Procedure for Export and Import.

4. To make the learners aware of the Letters from the Customers to the Banker.

5. To create awareness on the Report writing and electronic communication.

Subject Code: 22OUCOM11

(National)

Course Name: Marketing

Upon completion of the course, the students will be able to

1. To enable the students to understand the level of Marketing and marketing functions.

2. To identify the product and pricing with the help of product life cycle and kinds of Pricing

3. To help the students to understand the standardization, grading warehouse and storages of products.

4. To make the learners to know the promotion and physical distribution of marketing.

5. To create awareness on the recent trends in marketing.

Subject Code: 22OUCOM12

(National)

Course Name: Financial Accounting - I

Upon completion of the course, the students will be able to

1. To enable the students to understand the Concepts of Final Accounts

2. To Identify the Errors of omission, Principle and Commission

3. To Help the students gain practical knowledge in final accounts of Non-Profit

Organization

4. To make the learners to understand various depreciation Methods.

5. To create awareness on Recording Bill Transaction in Journal & Bill sent for collection

Subject Code: 22OUCOMGECO1

Course Name: Computer Fundamentals

Upon completion of the course, the students will be able to

1. To give basic knowledge about parts of computers and their functions.

2. To Identify and Solve the Number System.

3. To Populate and Evaluate the Type of Memory and Storage Devices.

4. To Understand and effectively explain Input Devices and Output Devices.

5. To Understand and basic concept of Network and Topology

Subject Code: 22OUCOMID1

Course Name: Basic Accounting

Upon completion of the course, the students will be able to

1. To understand what a process is and how processes are Purchase book & Sales book.

2. To understand different approaches to Cash Book

SEMESTER – II

Subject Code: 22OU1COM2   **(National)**

Course Name: Principles of Management

Upon completion of the course, the students will be able to

1. To enable the students to understand the Concepts of Principles of Management

2. To help the students to know the evolution of management thought.

3. To understand the principles and practice of business management.

4. To make the learners aware of the theories of Motivation.

5. To create awareness on channel of communication and techniques of controlling.

Subject Code: 22OUCOM21   **(National)**

Course Name: Advertising and Salesmanship

Upon completion of the course, the students will be able to

1. To understand the Nature and Scope of Advertisement and salesmanship.

2. To understand the Methods of Advertising.

3. To explain how Purpose and Use of Advertising

4. To understand what a process is and how processes are Essentials of a successful for sales man

5. To understand different approaches to Advertising & salesmanship.

Subject Code: 22OUCOM22   **(Global)**

Course Name: Financial Accounting - II

Upon completion of the course, the students will be able to

1. To enable the students to understand the Distinction between Sale and Consignment.

2. To identify the Recording in joint venture.

3. To Help the students gain practical knowledge in Single Entry System.

4. To make the learners aware of Cost price Method & Invoice Method.

5. To create awareness on Methods of Calculation of Interest.

Subject Code: 22OUCOMGECO2   **(National)**

Course Name: Business Economics

Upon completion of the course, the students will be able to

1. To enable the students to understand the Concepts of Business Economics

2. To identify the Business Economics Elasticity of Demand and Factors affecting Elasticity of Demand.

3. To help the students gain Demand Forecasting and Methods of Forecasting, Established Product and New product.

4. To make the learners aware of Price Analysis, Methods of pricing, Differential pricing and Product line pricing.

5. To create awareness on Profit Planning and Control.

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SEMESTER – III

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Subject Code: 22OUCOM31   **(National)**

Course Name: Business Environment

Upon completion of the course, the students will be able to

1. To understand the basic concepts business Environment.

2. To familiarize the students about the New Industrial Policy 1991.

3. To create awareness about the Social responsibility of business and Social audit

4. To study the concepts of MSME's and Industrial Sickness.

5. To analyze the Technological Environment and the Global Environment

Subject Code: 22OUCOM32   **(Global)**

Course Name: Principles of Insurance

Upon completion of the course, the students will be able to

1. To understand the conceptual framework of insurance.

2. To familiarize the students to determine the Life insurance policy and their procedures.

3. To Provide the subject matters of Marine insurance.

4. To analyse the procedures for Fire insurance and Rate fixing of Fire insurance.

5. To understand the Concept of Insurance Regulatory and Development Authority of India (IRDA)

Subject Code: 22OUCOM33   **(National)**

Course Name: Financial Accounting-III

Upon completion of the course, the students will be able to

1. To enable the students to understand the Fire Insurance claims

2. To Identify the Royalty Accounts of accounting treatment

3. To Help the students gain practical knowledge in Insolvency Accounts

4. To make the learners to understand various installments purchase system

5. To Create awareness on Contract Accounts

Subject Code: 22OUCOM34   **(National)**

Course Name: Costing

Upon completion of the course, the students will be able to

1. To understand the various concepts and methods of costing.

2. To enable the students to compute the cost of products, cost of jobs and process

3. Help the students Computation Calculation of Simple Average Price method

4. Make the learners aware of System of wage payment

5. To Measurement of Solving a Machine hour rate method

Subject Code: 22OUCOMGECO3   **(National)**

Course Name: GEC - III Business Statistics

Upon completion of the course, the students will be able to

1. To understand various statistical tools used in business.

2. To equip the students with the application of statistical tools in the analysis of data for decision making.

3. To be able to calculate measures of central tendency, measures of dispersion

4. To gain working knowledge on correlation and regression

5. To acquire skills towards solving problems in Index and time series analysis

Subject Code: 22OUCOMSE3P   **(National)**

Course Name: Commerce Practical

 Upon completion of the course, the students will be able to

1. To acquire practical knowledge in the use of various forms used in GST, banking & Insurance sectors. 2. To train the students in drafting of advertisement copy and preparation of project report for entrepreneurship.

<h2 style="text-align:center">SEMESTER –   IV</h2>

Subject Code: 22OUCOM41   **(National)**

Course Name: Entrepreneurship Development

 Upon completion of the course, the students will be able to

1. To enable the students to understand the basic concepts of entrepreneurs and entrepreneurship development.

2. To learn the Theories of entrepreneurship and also motivational factors to be an entrepreneur.

3. To help the students to identify the opportunities for women entrepreneurs

4. To familiarize the students with formalities of starting new business.

5. To develop a thorough understanding of various project Analysis.

Subject Code: 22OUCOM42   **(National)**

Course Name: Auditing

 Upon completion of the course, the students will be able to

1. To understand the basic principles auditing.

2. To familiarize about the Final Audit, Interim Audit, Special Audit and how to prepare Audit Report

3. To create awareness about the Internal Control

4. To learn about the Vouching and verification and valuation of Assets and Liabilities

 5. To enable the students to know about the Rights, Duties and liabilities of an Auditor

Subject Code: 22OUCOM43   **(Global)**

Course Name: Banking

Upon completion of the course, the students will be able to

1. To enable the students to understand the relationship between a banker and customers.

2. To identify the different types of Negotiable Instruments.

3. To determine the duties and statutory protection to a paying bankers.

4. To make the learners aware of the principles of and types of lending.

5. To apply the resent trends in banking system.

Subject Code: 22OUCOM44   **(National)**

Course Name: Partnership Accounts

Upon completion of the course, the students will be able to

1. Enable the students to understand the fixed and fluctuating capital

2. To identify the Accounting standards

3. Enable the student's treatment of goodwill

4. Make the learners aware of Garner versus Murray rules

5. To create awareness on the piece meal distribution

Subject Code: 22OUCOMGECO4   **(National)**

Course Name: GEC -IV Business Mathematics

Upon completion of the course, the students will be able to

1. To learn important mathematical concepts and tools

2. To acquire the mathematical skills and its application in business.

3. To examine the appropriate method for calculation of Interest.

4. To Compute small / micro differences using differential calculus.

5. To Solve problems in matrices

Subject Code: 22OUCOMSE4   **(National)**

Course Name: SEC-Financial Markets & Services

Upon completion of the course, the students will be able to

1. To help the students to learn the various constituents of financial markets and their services.

2. To learn about the operations of Securities market.

Subject Code: 22OUCOMSE4P   **(National)**

Course Name: SEC-MS Office Practical

Upon completion of the course, the students will be able to

1. To train the students in document preparation.

2. To develop the presentation skills of the students with Power point.

DEPARTMENT OF

MATHEMATICS

U.G.

DEPARTMENT OF MATHEMATICS

Programme Code: M   **Programme Name: B.Sc. Mathematics**

Programme Outcomes

1. To use Mathematical knowledge to analyze and solve problems.

2. To create Mathematical models, formulate precise statements and reason out logically.

3. To derive solutions for the models developed for a better functioning of the real world systems.

4. To create or select an appropriate technique in research methods including analysis, interpretation of data and synthesis of the information to provide valid conclusions.

5. To use the modern tools and software for obtaining solutions to the desired accuracy.

Programme Specific Outcomes

1. To be conscious of the environmental hazards and contribute to its minimization scientifically.

2. To apply ethical principles and commit to professional ethics, responsibilities and norms.

3. To recognize the need for individual and team work in an inter-disciplinary environment and participate effectively.

4. To present Mathematics clearly and precisely to an audience of peers, faculty and others.

5. To analyse Operations Research techniques, proficiency, especially in the execution of any specific projects.

6. Train intellectual minds to use mathematics to solve problems in day to day life.

Course Outcomes
SEMESTER – V

Subject Code: 21M51   **(National)**

Course Name: Modern Analysis

Upon completion of the course, the students will be able to

1. To visualize the structure of real number system as a Metric space.

2. To study connected subsets and Compact subsets of R.

Subject Code: 21M52   **(National)**

Course Name: Statistics - I

Upon completion of the course, the students will be able to

1. To Understand and apply foundational statistical theory and methods.

2. To apply statistical method to real data.

Subject Code: 21M53   **(National)**

Course Name: Dynamics

Upon completion of the course, the students will be able to

1. To analyze the path of a moving particle under specific conditions.

2. To know about motion under the action of central force.

Subject Code: 21ME5A   **(Global)**

Course Name: Linear Algebra

Upon completion of the course, the students will be able to

1. To understand the concept of vector spaces.

2. To know more about matrices.

Subject Code: 21ME5B   **(National)**

Course Name: Fuzzy Sets

Upon completion of the course, the students will be able to

1. To know the basic ideas of fuzzy sets.

2. To learn about operations and relations.

Subject Code: 21AA51 **(Global)**

Course Name: Programming in C

 Upon completion of the course, the students will be able to

To gain practical knowledge of C Language by writing and executing basic programs.

Subject Code: 21AA5P **(National)**

Course Name: Programming in C (Practical)

 Upon completion of the course, the students will be able to

1. To train the students in document preparation.

2. To develop the presentation skills of the students with Power point.

Subject Code: 21M61 **(National)**

Course Name: Complex Analysis

 Upon completion of the course, the students will be able to

1. To visualize the algebraic structure of Complex number system.

2. To develop problem solving skills in Complex Integration.

Subject Code: 21M62 **(National)**

Course Name: Statistics –II

 Upon completion of the course, the students will be able to

 1. To study the some special distribution like Binomial, poisson and normal distribution.

 2. To study the Test of significance (Large samples, small samples).

Subject Code: 21M63 **(National)**

Course Name: Numerical Methods

 Upon completion of the course, the students will be able to

1. To find numerical solution for Algebraic and Transcendental equations and

Simultaneous equations.

2. To know about interpolation.

Subject Code: 21AA61 **(National)**

Course Name: Object Oriented Programming with C++

 Upon completion of the course, the students will be able to

1. To understand the concept of object oriented programming

2. To develop programming skills

Subject Code: 21AA6P   **(National)**

Course Name: C++ Practicals

 Upon completion of the course, the students will be able to

To analyze logically and gain knowledge in writing and executing the C++ programs

Subject Code: 21SEM51   **(National)**

Course Name: Vector Calculus

 Upon completion of the course, the students will be able to

To understand the concept of Vector differentiation and integration.

Subject Code: 21SEM52   **(National)**

Course Name: Quantitative Aptitude

 Upon completion of the course, the students will be able to

To get familiar with short cut techniques to solve Mathematical problems.

<div align="center">

SEMESTER – VI
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Subject Code: 21SEM61   **(National)**

Course Name: Discrete Mathematics

 Upon completion of the course, the students will be able to

To provide the basic knowledge in logic and propositional Calculus.

Subject Code: 21M63   **(National)**

Course Name: Numerical Methods

 Upon completion of the course, the students will be able to

1. To find numerical solution for Algebraic and Transcendental equations and Simultaneous equations.

2. To know about interpolation.

Subject Code: 21SEM62   **(National)**

Course Name: Combinatorics

 Upon completion of the course, the students will be able to

To introduce combinatorial techniques for solving enumeration problems

Course Outcomes
Outcome Based Education (OBE)

SEMESTER – I

Subject Code: 22OUMA11   (National)

Course Name: Calculus

 Upon completion of the course, the students will be able to

1. To know more about differentiation.

2. To introduce envelopes & curvatures.

3. To acquire knowledge about finding the radius of curvature in polar co-ordinates.

4. To get skill to solve double and triple integration.

5. To learn idea to find change of variable.

Subject Code: 22OUMA12   (Global)

Course Name: Theory of Equations & Trigonometry

 Upon completion of the course, the students will be able to

1. Acquire the basic knowledge of roots and coefficients of equation.

2. Acquire skills of solving problems in transformation of equations.

3. Obtain skills to solve a cubic equation.

 4. Gain knowledge of trigonometric functions and related problems.

5. Know about the various types of hyperbolic functions.

Subject Code: 22OUMAID1   (National)

Course Name: Mathematics for Competitive Examinations -I

 Upon completion of the course, the students will be able to

1. To learn new techniques and methods to solve quantitative Aptitude

2. To enhance the problem solving skill

3. To improve the basic mathematical skills

4. To help students who are preparing for any type of competitive exam

5. To solve real time problems such as percentage, profit & loss

Subject Code: 22OUMA21   (Global)

Course Name: Analytical Geometry of 3Dimension and Vector Calculus

 Upon completion of the course, the students will be able to

1. To explain angle and distance between two planes and bisecting planes.

2. To calculate the symmetric form of straight lines.

3. To explain the sphere, equations of the tangent plane and orthogonal sphere.

 4. To understand the concept of gradient, divergence and curl.

5. To obtain the knowledge of evaluating line and surface integrals by applying Green, Gauss and Stokes theorem.

SEMESTER – II

Subject Code: 22OUMA22   **(National)**

Course Name: Differential Equations

 Upon completion of the course, the students will be able to

1. To study the exact differential equations.

2. To classify differential equations by order, linear equations and homogeneous Linear Equations.

3. To study the Simultaneous linear differential equations.

4. To apply Laplace transforms to solve differential equations.

5. To understand the concepts of partial differentiation.

Subject Code: 22OUPHGEMA1/ 22OUCHGEMA1   **(National)**

Course Name: Mathematics-I Theory of Equations & Trigonometry, Analytical Geometry 3D and Vector Calculus

 Upon completion of the course, the students will be able to

1. To solve cubic and bi quadratic equations

2. To explore trigonometry as a tool in solving problems.

3. To study the concept of sphere.

4. To learn about vector differentiation.

5. To Solve surface area and volume using vector integration.

Subject Code: 22OUPHGEMA2/ 22OUCHGEMA2   **(National)**

Course Name: Mathematics-II Calculus, Differential Equations and Applications

 Upon completion of the course, the students will be able to

1. Develop strong background on finding solutions to nth – derivatives and curvature.

 2. To solve the Reduction formula and Integrals.

3. To study the differential equations.

4. To find the solution of Partial differential equations.

5. To know about Laplace Transforms.

Subject Code: 22OUCSGEMA2/ 22OUCAGEMA2   **(National)**

Course Name: Probability and Statistics

 Upon completion of the course, the students will be able to

1. To provide on understanding of the basic concepts in probability theory and statistical analysis.

2. To understand the major hypothesis of correlation and regression.

3. To understand the notion of moment generating function in probability.

4. To learn the overview of distribution theory.

5. To know about the fundamental of sampling distribution

SEMESTER –   III

Subject Code: 22OUMA31   **(National)**

Course Name: Modern Algebra

 Upon completion of the course, the students will be able to

1. To enrich with the knowledge of Abstract Algebra.

2. To learn a method to count the elements of a finite groups.

 3. To understand algebraic concepts of Groups and Rings.

4. To have a good foundation in Groups and Rings.

5. To study some standard theorems in Ideals and Prime Ideals.

Subject Code: 22OUMADSE3A   **(Global)**

Course Name: Operations Research

 Upon completion of the course, the students will be able to

1. To apply various optimization techniques for decision making.

2. To aim at building capabilities in the students for analyzing different situations in the industrial/ business scenario involving limited resources

3. To find the optimal solution within constraints.

 4. To enable the student to understand and analyze managerial and engineering problems to equip him to use the resources

5. To deal with the various transshipment techniques using Transportation and Assignment problems.

Subject Code: 22OUMASE3   **(National)**

Course Name Application of Calculus

Upon completion of the course, the students will be able to

1. Trace some curves whose equations are given in Cartesian, parametric or polar form.

2. Determine whether a curve is concave, or convex, or neither in a given interval.

3. Apply maxima and minima in real life situations.

4. Find the asymptotes parallel to axes.

5. Explain the concept of area under a curve and between two curves and length of a curves.

SEMESTER – IV

Subject Code: 22OUMA41   **(National)**

Course Name: Sequences and Series

Upon completion of the course, the students will be able to

1. To impart the knowledge of sequences and summation of series.

2. To recognize when a sequences are increasing, decreasing, bounded, or monotone

3. To determine the sequences are converge or diverge.

4. To Classify a sequence as arithmetic, geometric or neither.

5. To develop the skill of computation with real sequence and series.

Subject Code: 22OUMADSE4A   **(Global)**

Course Name: Number Theory

Upon completion of the course, the students will be able to

1. To provide a deep knowledge of Number theory

2. To learn the concept about Congruence and Residue classes

3. To know the applications of Wilson's theorem and Factor theorem for polynomials.

4. To have a good foundation of Quadratic residues and non-residues.

5. To study some standard theorems like Wolstenholme.

Subject Code: 22OUMASE4   **(National)**

Course Name: Applications of Differential Equations

Upon completion of the course, the students will be able to

1. To provide a deep knowledge of orthogonal trajectories

2. To learn the concept about growth and decay

3. To know the applications of Brachistochrone problem

4. To have a good foundation of electric circuits

5. To have a basic knowledge about simple pendulum

Subject Code: 22OUPHGEMA3/ 22OUCHGEMA3   **(National)**

Course Name: Allied Mathematics-III Algebra and Statistics

Upon completion of the course, the students will be able to

1. To learn characteristic equations of Matrix.

2. To solve the Rank Correlation and Regression.

3. To study the Finite Differences.

4. To find the solution of Attributes, Consistency of Data, Independence and Association of Data.

5. To know about Index Numbers.

Subject Code: 22OUPHGEMA4/ 22OUCHGEMA4   **(National)**

Course Name: Allied Mathematics-IV Linear Programming

Upon completion of the course, the students will be able to

1. To introduce the fundamental concepts of LPP.

2. To develop the skills in decision making.

3. To equip the students in solving real time problems.

4. To Construct and solve a minimization problem.

5. To develop formulation skill in transportation model and finding solutions.

Subject Code: 22OUCSGEMA4/ 22OUCAGEMA4   **(Global)**

Course Name: Resource Management Techniques

Upon completion of the course, the students will be able to

1. To know about Linear Programming Problems.

2. Under the Mathematical tools that are needed to solve optimization problems.

3. To equip the students in solving real time problems.

4. To construct and solve a minimization problem.

5. To develop formulation skills in transportation model and finding solutions.

DEPARTMENT OF BBA

U.G.

DEPARTMENT OF BUSINESS ADMINISTRATION

Programme Code: B   **Programme Name: B.B.A**

Program Outcomes

1. Understand to Business management.

2. Develop Entrepreneurship skills

3. Develop critical and Analytical thinking abilities

4. Develop Interpersonal Skill.

5. Develop critical and Analytical Thinking Abilities.

6. Create awareness about the Ethical and Sustainable. Businesses practices and demonstrate sensitivity to social ethical and sustainability issues.

7. Provide Global perspectives.

Program Specific Outcomes

On completion of B.B.A. the students would be able to

1. Acquire conceptual clearing of various functional areas such as production, marketing, finance etc,

2. Ability to analyze various functional issues affecting the business organization

3. Analyse and interpretate the data which is used in Decision Making

4. Demonstrate ability to evolve strategies for organizational benefits

5. Demonstrate the ability to develop models / frameworks to reflect critically on specific business contexts

6. Demonstrate Effectively Oral and Written Communication

7. Demonstrate Ability to work in Groups

8. Demonstrate understanding of social cues and contexts in social interaction

9. Develop Ethical Practices and imbibe Values for Better Corporate Governance

10. Understand ethical challenges and choice in business setting

11. Analyze Global Environment and its impact on Business

12. Understand the ecosystem of start up in the country

13. Demonstrate the ability to create business plans

Course Outcomes
SEMESTER – V

Subject Code: 21B51   (National)

Course Name: OPERATIONS MANAGEMENT

Upon completion of the course, the students will be able to

1. To understand the basic concept of production management.

2. To identify the situations under which the different Production system is justified.

3. To familiarize with the basic types of plant layouts, plant design and the factors to be considered in designing layout.

Subject Code: 21B52   (National)

Course Name: MANAGEMENT ACCOUNTING

Upon completion of the course, the students will be able to

1. To understand the concept of Management Accounting.

2. To understand and interpret the changes in working capital identifying the causes for these changes. 3. To familiarize practical management accounting in real situation.

Subject Code: 21B53   (Global)

Course Name: RESEARCH METHODOLOGY

Upon completion of the course, the students will be able to

1. To understand the basic concept of Research Methodology

2. To familiarize the concepts of sampling, methods of data collection and report writing.

3. To understand the uses of SPSS for business research

Subject Code: 21SEB51   (National)

Course Name: SOFT SKILLS

Upon completion of the course, the students will be able to

1. To understand the key factors influencing personality

2. To develop a positive attitude mentality

3. To develop interpersonal skills and conflict resolution mechanisms

4. To improve their communication ability

5. To effectively use leadership skills for better acceptance and understanding.

Subject Code: 21BE5A   **(National)**

Course Name: SERVICES MARKETING

 Upon completion of the course, the students will be able to

1. To identify the uniqueness of different services like Banks, Tourism and Hospitals

2. To know the marketing strategy for services and how to apply them.

3. To enable to develop the services, marketing mix for different service industries.

 Subject Code: 21BE5B   **(Global)**

Course Name: TOURISM MANAGEMENT - I

 Upon completion of the course, the students will be able to

1. To understand various forms of tourism.

2. To develop the guide services skill.

3. To understand socio, economic and environmental impact of tourism.

4. To understand employment potential of tourism.

5. To understand national tourism profile

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SEMESTER – VI
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Subject Code: 21B61   **(National)**

Course Name: HUMAN RESOURCE MANAGEMENT

 Upon completion of the course, the students will be able to

1. To understand the meaning and concept of Human Resource Management

2. To understand the role of human resource management in real situation

3. To enlighten on the problems while handling people

Subject Code: 21B62   **(National)**

Course Name: FINANCIAL MANAGEMENT

 Upon completion of the course, the students will be able to

1. To learn the principles of financial Management

2. To apply the financial management principles in real situation

3. To make sound financial Decision in business

Subject Code: 21B63   **(National)**

Course Name: MANAGEMENT INFORMATION SYSTEM

 Upon completion of the course, the students will be able to

1. To understand the concept of data base management system

2. To equip themselves in building DSS in an organization.

3. To acquaint with the basic idea for system design and Implementation.

Subject Code: 21B64   **(National)**

Course Name: TOTAL QUALITY MANAGEMENT

Upon completion of the course, the students will be able to

1. To provide a thorough understanding of TQM Principles

2. To develop the knowledge on ISO 9000 Certification and the importance of TQM functions in the global scenario.

3. To understand the Six Sigma Principle.

Subject Code: 21SEB61   **(Global)**

Course Name: Interview Techniques

Upon completion of the course, the students will be able to

1. To understand the meaning, objectives and types of Interview

2. To understand the guidelines for conducting the Interview

3. To develop the personality and effective language

Subject Code: 21BE6A   **(National)**

Course Name: RETAIL MANAGEMENT

Upon completion of the course, the students will be able to

1. To develop familiarity with functions and benefits of retail scenario.

2. To understand the concept of retailing environment.

3. To acquire them self with the retail organization and formats.

Subject Code: 21BE6A   **(National)**

Course Name: RETAIL MANAGEMENT

Upon completion of the course, the students will be able to

1. To develop familiarity with functions and benefits of retail scenario.

2. To understand the concept of retailing environment.

3. To acquire them self with the retail organization and formats.

Subject Code: 21BE6B   **(National)**

Course Name: TOURISM MANAGEMENT - II

 Upon completion of the course, the students will be able to

1. To understand marketing aspect of tourism.

2. To understand role and importance of tourism promotion.

3. To understand distribution functions of tourism.

4. Familiarize forecasting techniques of tourism.

5. To understand distribution structure of tourism

Course Outcomes
Outcome Based Education (OBE)
SEMESTER – I

Subject Code: 22OU1BA1   (National)

Course Name: Business Communication

Upon completion of the course, the students will be able to

1. To understand the principles of letter writing and structure of Business Letter

2. To enable the students to know the types of communication and Barriers of Communication

3. To provide an outline to effective Organizational Communication.

4. To develop their Communication skill in Business.

5. To impart the correct practices of the strategies of effective business writing.

Subject Code: 22OUBA11   (National)

Course Name: Principles of Accounting

Upon completion of the course, the students will be able to

1. To understand the concepts and conventions of Accounting.

2. To apply the principles in preparation of subsidiary books.

3. To identify the causes of depreciation and apply the methods of preparing depreciation and identify the reason for difference between cash book and pass Book.

4. To compile and prepare final accounts.

5. To apply the principle in preparing accounts for non-trading concern.

Subject Code: 22OUBA12   (National)

Course Name: Principles of Management

Upon completion of the course, the students will be able to

1. To understand the fundamental principles of management.

2. To understand the purpose of effective planning and to practice the process of management objectives.

3. To enable the organization structure and to examine their functions as well.

4. To acquire themselves with the latest development in the field of management.

5. To examine work and control quality through various quality control techniques.

Subject Code: 22OUBAGEBA1   **(National)**

Course Name: Business Economics

Upon completion of the course, the students will be able to

1. To understand the nature of business economics

2. To acquire basic knowledge of consumption theories in economics

3. To enable the students to know the business cycle.

4. To understand the cost – out put relationship.

5. To relate their knowledge in business situations.

Subject Code: 22OUBASE1P   **(National)**

Course Name: Practical Computerized Accounting – I

Upon completion of the course, the students will be able to

1. To Create application of computer knowledge in Accounting System

2. To Acquire adequate knowledge in Computerized Inventory

3. To View of various Accounting Reports

Subject Code: 22OUBAID1   **(Global)**

Course Name: Personality Development

Upon completion of the course, the students will be able to

1. To understand the behavior of an individual

2. To recognize the factors influencing the behaviour of an individual

3. To acquaint them with the various concepts of behavioral process

4. To know the factors influencing the perceptual set

5. To familiar with the determination of Personality

Subject Code: 22OU1BA2   **(Global)**

Course Name: Individual Development

Upon completion of the course, the students will be able to

1. To understand the human behaviour

2. To be aware of the factors influencing the behaviour of an individual

3. To acquaint them with the various concepts of behavioral process

4. To analyze the perception process like selecting, organizing, and interpreting information from our senses

5. To recognize how personality develops as well as how it influences the way we think and behave.

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SEMESTER – II

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Subject Code: 22OUBA21   **(National)**

Course Name: Cost Accounting

Upon completion of the course, the students will be able to

1. To acquaint with functions of cost Accounting.

2. To understand how the costing techniques are useful in the managerial decision – making

3. To familiarize with the process of determination of cost, pricing of materials particularly in manufacturing concern

4. To acquaint with basic concepts used in labor cost, various methods of remuneration and incentive systems.

5. To equip them to solve the Overheads problems and calculate the machine hour rate.

Subject Code: 22OUBA22   **(National)**

Course Name: Environment of Business

Upon completion of the course, the students will be able to

1. To familiarize the nature of the business environment and its components in business decision making.

2. To increase the awareness of the interconnected nature of today's world, and how economic, social, political and environmental issues can impact international integration and business.

3. To impart the environmental scanning skills to identify the business opportunity and challenges.

4. To analyze and interpret the current events relating to globalization and international business.

5. To examine the various economic conditions and effects of government policy on business performance.

Subject Code: 22OUBAGEBA2   **(National)**

Course Name: Banking Law and Practice

Upon completion of the course, the students will be able to

1. To understand the relationship between banker and customer.

2. To classify the types of account.

3. To acquaint precautions associated with handing cheques.

4. To acquire practical knowledge of Banking.

5. To make them aware of the loans and advantages given by Banks.

Subject Code: 22OUBASE2P   **(National)**

Course Name: Practical - Computerized Accounting – II

Upon completion of the course, the students will be able to

1. To Create application of computer knowledge in Accounting System

2. To Acquire adequate knowledge in Computerized Inventory

3. To View of various Accounting Reports

Subject Code: 22OUBAID2   **(National)**

Course Name: Body Language

Upon completion of the course, the students will be able to

1. To understand the concepts of non-verbal communication

2. To recognize head, eye, hand, face and posture expressions

3. To know the difference between male and female body languages

4. To learn the skills of using non-verbal communication in the workplace

5. To identify expressions and signs of distress.

SEMESTER – III

Subject Code: 22OUBA31   **(National)**

Course Name: Business Statistics

Upon completion of the course, the students will be able to

1. To understand the various formulas and concepts in statistics

2. To equip themselves to solve the business and industrial problems by using analytical skills

3. To help them in undertaking research programmes

4. To inculcate the use in practical situation with statistical data

5. To understand and able to calculate the trend values with the help of Time Series.

Subject Code: 22OUBA32   **(Global)**

Course Name: Organizational Behaviour

Upon completion of the course, the students will be able to

1.To familiarize the organizational dynamics

2. To increase the awareness of theories of motivation

3. To impart the group cohesiveness and consequences

4. To analyze the organizational change

5. To examine the various steps in organizational development

Subject Code: 22OUBA33   **(National)**

Course Name: Computer Application in Business

Upon completion of the course, the students will be able to

1. To understand the basics of windows 11

2. To create and design various types of Word Documents

3. To learn Ms-Excel

4. To prepare slide show presentation in Power Point

 5. To create a webpage through HTML language

Subject Code: 22OUBA3P   (Global)

Course Name: Computer Application in Business-Practical

1. To create tables, charts and slides using various applications of Ms-Office

2. To Acquire adequate knowledge in access database

3. To create and view images, marquees in web pages.

Upon completion of the course, the students will be able to

Subject Code: 22OUBA34   (National)

Course Name: Marketing Management

Upon completion of the course, the students will be able to

1. To have an insight into the importance and role of marketing in business world

2. To understand the different pricing strategies and how to adapt them.

3. To familiarize with physical distribution system.

4. To enable a student to understand the 'Marketing mix' elements and the strategies and principles underlying the modern marketing practice.

5. To enable the students to understand the elements of the complex world of marketing.

Subject Code: 22OUBAGEBA3   (National)

Course Name: Company Organization

Upon completion of the course, the students will be able to

1. To understand the fundamental concepts of companies.

2. To acquire basic knowledge of legal document

3. To enhance the knowledge about articles of memorandum.

 4. To enable the students to know the prospects and registration of the company.

5. To understand the powers and duties of Directors and relate their knowledge in company meetings

Subject Code: 22OUBASE3　　　　　　　**(National)**

Course Name: Stress Management

Upon completion of the course, the students will be able to

1. To know about the causes and implications of stress.

2. To manage the stress.

3. To inculcate positive thinking and self- confidence.

4. To develop the Emotional Intelligence.

5. To understand the Consequences of stress

SEMESTER – IV

Subject Code: 22OUBA41　　　　　　　**(National)**

Course Name: Management Information System

Upon completion of the course, the students will be able to

1. To understand the concept of data base management system

2. To equip themselves in building DSS in an organization.

3. To acquaint with the basic idea for system design and Implementation.

4. To facilitates the decisions-making process by furnishing information in the proper time frame.

5. To provide information for decision making on planning, initiating, organizing, and controlling the operations of the subsystems of the firm.

Subject Code: 22OUBA42　　　　　　　**(National)**

Course Name: Disaster Management

Upon completion of the course, the students will be able to

1. To understand the fundamentals of disaster assessment and environmental impact assessment.

2. To familiarize the fundamental of remote sensing

3. To facilitate disaster preparedness, monitoring risks and emergency management.

4. To sensitize the learner to the various institutional agencies for disaster management.

5. To know the economy and essential services in emergencies.

Subject Code: 22OUBA43　　　　　　　**(Global)**

Course Name: Entrepreneurial Development

Upon completion of the course, the students will be able to

1. To know about the various traits and factors influencing an Entrepreneur.

2. To make out the government schemes for women entrepreneurs in India and self-help groups.

3. To familiarize the course contents and curriculum of entrepreneurial training programme.

4. To acquainted with the importance and functions of MSME.

5. To educate institutional support about small business owners and Sickness in Small Scale Industry.

Subject Code: 22OUBA44   **(National)**

Course Name: Customer Relationship Management

Upon completion of the course, the students will be able to

1. To know the Relationship between Customer and Management

2. To learn the customer relationship management in Marketing

3. To analyze the Customer Satisfaction through Customer Relationship Management

4. To acquire knowledge in CRM practices with service industry

5. To investigate the E- CRM

Subject Code: 22OUBAGEBA4   **(National)**

Course Name: Legal Aspects of Business

Upon completion of the course, the students will be able to

1. To enlighten the elements of General Contracts and Special Contracts.

2. To learn about the Agency and Sale of Goods Act.

3. To enhance the knowledge about the Labour Laws.

4. To know about the wages Act.

5. To explore the legislation relation to Sales – Insurance.

Subject Code: 22OUBASE4   **(National)**

Course Name: Counselling

Upon completion of the course, the students will be able to

1. To Familiarize with the basic concepts of counselling.

2. To understand various situations and types of counselling.

3. To Get acquainted with the process of counselling.

4. To learn few ethical and legal issues pertaining to counselling.

5. To Develop counselling skills in real life situations.

DEPARTMENT OF COMPUTER SCIENCE

U.G.

DEPARTMENT OF COMPUTER SCIENCE

Programme Code: S   **Programme Name: B.Sc. Computer Science**

Program Outcomes

1. To acquire the sound knowledge in theory and practical in the discipline of computer science. (Global)

2. Ability to use assortment of programming languages and tools to develop computer programs that are effective to solve the problems. (Global)

3. Understand the basic concept of computer architectures, including Computer Hardware and Networking. (National)

4. Design and analyze the particular specifications of algorithms, procedures, and interaction behavior. (Regional)

5. Students undertook projects which offer opportunities for interaction with academia and industry. Students will be able to work in teams to build software systems and apply the computing knowledge to the benefit of the society. (Global)

6. An understanding of professional, ethical, legal, security, and social issues and responsibilities for the computing profession (Regional)

Program Specific Outcomes

On completion of B.Sc Computer Science Programme, the students would be able to

1. Know the programming concepts and methodology & the functionality of hardware and software aspects of computer systems. (Global)

2. Provide effective and efficient real time solutions using acquired knowledge in various domains such as C, C++, JAVA, Web designing, RDBMS, Linux, DOT NET. (Global)

3. Apply problem-solving skills and the knowledge of computer science to solve real world problems. (Global)

4. Use software development tools, software systems, and modern computing platforms

5. Develop technical project reports for the requirements in society. (National)

6. Apply the knowledge gained through project experience in jobs. (Global)

Course Outcomes

Subject Code: 21S51   **(National)**

Course Name: Operating Systems

Upon completion of the course, the students will be able to

1. To learn the concept of Operating System and its functions.

Subject Code: 21S52   **(Global)**

Course Name: Software Engineering

Upon completion of the course, the students will be able to

Subject Code: 22OUBASE4   **(National)**

Course Name: Counselling

Upon completion of the course, the students will be able to

1. To be aware of different life cycle Models, Analysis, Design, Implementation, Testing, SCM and Quality Assurance.

Subject Code: 21S53   **(Global)**

Course Name: Programming in Python

Upon completion of the course, the students will be able to

1. Python Programming allows us to develop applications using an Object Oriented approach. In Python, we can easily create and use classes and objects.

Subject Code: 21SE5A   **(National)**

Course Name: Computer Graphics

Upon completion of the course, the students will be able to

1. To imbibe the knowledge in graphics in order to enable them to draw desired figures

Subject Code: 21SE5B   **(National)**

Course Name: Internet of Things

Upon completion of the course, the students will be able to

1. To acquire knowledge about electronic circuits and number systems used in computers.

Subject Code: 21S61   **(National)**

Course Name: Data Communication and Networking

Upon completion of the course, the students will be able to

1. To acquire knowledge about transmission media, LAN, ISDN, ATM, Transport Layer concept.

Subject Code: 21S62   **(Global)**

Course Name: Web Programming

Upon completion of the course, the students will be able to

1. To enable to create their own website in internet.

Subject Code: 21SE6A   **(National)**

Course Name: Data Mining and Big Data Analysis

Upon completion of the course, the students will be able to

1. To acquire knowledge about retrieval of data from voluminous data in a desired manner.

Course Outcomes
Outcome Based Education (OBE)
SEMESTER – I

Subject Code: 22OUCS11   **(National)**

Course Name: Programming in C

Upon completion of the course, the students will be able to

1. Make the students to understand programming language concepts.

2. The main emphasis of the subject is to write 'C' program in an efficient manner.

3. This programming language is utilized for the development of system software and desktop application.

4. To impart adequate knowledge of programming languages and problem solving techniques.

5. Make the Students to analyze different kinds of mathematical and scientific problems.

Subject Code: 22OUCSID1   **(National)**

Course Name: Computing Fundamentals

Upon completion of the course, the students will be able to

1. Understand the basics components of computer.

 2. Study the usage of input devices.

3. Identify the important characteristics of storage devices.

4. Explore the components of system software and output devices.

5. Gain the knowledge of working with word processors.

SEMESTER – II

Subject Code: 22OUCSID2   **(Global)**

Course Name: Internet Technology and Web Design

Upon completion of the course, the students will be able to

1. Insight the students knowledge with basics of Internet Knowledge.

2. Equip the students to access the usage of Internet.

3. Gain the knowledge of working with, sending and receiving mails.

4. Make the students to recognize for accessing the usage of online purchase.

5. Take up self-employment in the all Computer applied fields.

SEMESTER – III

Subject Code: 22OUCS31   **(National)**

Course Name: Digital Principles and Computer Organization

Upon completion of the course, the students will be able to

1. Make the students to understand gates and circuit level.

2. The main emphasis of the subject is to convert conversion in number system.

3. Explore the basic computer organization and design.

4. To impart adequate knowledge of instruction techniques and data format.

5. Make the Students to analyze different types input and output memory organization.

Subject Code: 22OUCS32   **(National)**

Course Name: RDBMS

Upon completion of the course, the students will be able to

1. To learn the physical and logical database designs, database modeling, relational, hierarchical, and network models.

2. To understand how a real world problem can be mapped to schemas.

3. To understand and use data manipulation language to query, update, and manage a database.

4. Acquire the Knowledge of Cursor and Trigger Operation.

5. To learn to design the Database to implement the concept of database security, integrity and concurrency

SEMESTER – IV

Subject Code: 22OUCS41   **(National)**

Course Name: Data Structures

Upon completion of the course, the students will be able to

1. Understand basic concepts of data structures and algorithms.

2. Ability to describe stack, queue and linked list operation.

3. Implement the different types of trees and apply them to problem solutions.

4. Develop the graph structure and understand various operations on graphs and their applicability.

5. Analyze the various sorting and searching algorithms.

Subject Code: 22OUCS42   **(Global)**

Course Name: Programming in JAVA

Upon completion of the course, the students will be able to

1. Understand the basic concepts and fundamentals of platform independent object oriented language.

2. Ability to illustrate the operators, branching and looping statement.

3. Implement the classes, objects, arrays and Interface method.

4. Idea to approach the package & multithread programming.

5. Demonstrate the concepts of exception handling techniques and Applet.

DEPARTMENT OF INFORMATION TECHNOLOGY

U.G.

Programme Code: I   **Programme Name: B.Sc. Information Technology**

Programme Outcomes

1. Apply the knowledge of Mathematics, Science and Computing in the core information technologies.

2. Design and develop software solutions for contemporary business environments by employing appropriate problem solving strategies.

3. Analyze common business functions and identify, design, and develop appropriate information Technology solutions (in web, desktop, network, and/or database applications).

4. Learn future technologies through acquired foundational skills and knowledge and employ them in new business environments.

5. Practice communication, problem solving and decision-making skills through the use of appropriate technology and with the understanding of the business environment.

6. Select and apply current techniques, skills and tools necessary for computing practice and integrate IT-based solutions into the user environment effectively.

Programme Specific Outcomes

1. Analyze and recommend the appropriate IT infrastructure required for the implementation of a project.

2. Design, develop and test software systems for world-wide network computers to provide Solutions to real world problems.

3. Analyze common business functions and identify, design and develop appropriate information technology solutions.

4. Learn future technologies through acquired foundation skills and knowledge and employ them in business environments and to identify research gaps.

5. Use and apply current technical concepts and practices in the core Information Technologies of Human computer interaction, information management, programming and networking.

6. Effectively integrate IT-based solutions into the user environment.

Course Outcomes

Subject Code: 21I51   **(National)**

Course Name: Programming in JAVA

Upon completion of the course, the students will be able to

1. To introduce the features of object oriented programming languages using Java.

2. To provide an introduction to Java and enable the student to create simple Web based applications using Java Applets.

3. To have a basic idea about Graphics programming using Java

Subject Code: 21I52   **(National)**

Course Name: Computer Graphics

Upon completion of the course, the students will be able to

1. This course will focus on the theoretical aspects and implementation of computer graphics.

2. Have to learn the concept of Transformation of an object such as Translation, Rotation and Scaling.

3. The students will be able to understand the Graphics primitives and Two Dimensional Object Creation & Manipulation Techniques

Subject Code: 21I53   **(National)**

Course Name: Computer Networks

Upon completion of the course, the students will be able to

1. Identify the different types of network topologies and protocols.

2. Enumerate the layers of the OSI model and TCP/IP.

3. Understand and building the skills of sub netting and routing mechanisms.

Subject Code: 21IE5A   **(National)**

Course Name: Client Server Computing

Upon completion of the course, the students will be able to

1. Conceptualize the basics of Client Server Computing.

2. Identify the different types of Client and Server Operating Systems.

3. Familiarity with the Testing and Diagnostic Tools of Server Operating System.

Subject Code: 21IE5B   **(National)**

Course Name: Android Programming

Upon completion of the course, the students will be able to

1. To understand the basics of activities and multiple layouts.

2. To understand the usage of menus in designing widgets.

3. To acquire knowledge in handling database, files and notifications.

Subject Code: 21IE5C (National)

Course Name: Pattern Recognition

Upon completion of the course, the students will be able to

1. A good knowledge of Bayesian decision theory and Bayesian learning.

2. Fundamental understanding of classifiers such as linear discriminant function, quadratic discriminant function, nearest neighbor rule, neural network and SVM.

3. Ability to evaluate the performance of various classifiers on real-world datasets.

SEMESTER – VI

Subject Code: 21I61 (National)

Course Name: Software Engineering

Upon completion of the course, the students will be able to

1. To establish and evolving methodologies for the analysis, design and development of a Software.

2. To Estimate the cost factors for the development of a software product.

3. To Comprehend the Managerial Aspects of Software Maintenance.

Subject Code: 21I62 (National)

Course Name: Data Mining and Warehousing

Upon completion of the course, the students will be able to

1. To equip the students in the knowledge of various tools and techniques involved in Data Mining and Warehousing.

 2. To introduce the concept of data mining with in detail coverage of basic tasks, metrics, issues, and implication. Core topics like classification, clustering and association rules are exhaustively dealt with.

3. To introduce the concept of data warehousing with special emphasis on architecture and design. **Subject Code: 21IE6B** (National)

Course Name: Digital Image Processing

Upon completion of the course, the students will be able to

1. Identify the image fundamentals and mathematical transforms necessary for image processing.

2. Learn the functionalities of spatial and frequency filters for image enhancement.

3. To identify the requirements of various image segmentation methods and object recognition models for various real-time applications.

4. Get broad exposure to and understanding of color image processing models.

5. To analyze the functionalities of Morphological Image processing method.

Subject Code: 21IE6C   **(National)**

Course Name: Cyber Security

Upon completion of the course, the students will be able to

1. To have knowledge on the use of cryptography and network security.

2. To explore the basic issues to be addressed by program security capabilities.

3. To develop an organizational security policies such as authentication, Reliability and Integrity. **Subject Code: 21IEPR6**   **(Global)**

Course Name: Project

Upon completion of the course, the students will be able to

1. The aim of the Project work is to acquire practical knowledge on the implementation of the programming concepts studied.

2. Each student should carry out the Project Work and it may be a work using the software packages that they have learned or the implementation of concepts from the papers studied or implementation of any innovative idea.

Course Outcomes
Outcome Based Education (OBE)
SEMESTER – I

Subject Code: 22OUIT11   (National)

Course Name: Object Oriented Programming with C++

Upon completion of the course, the students will be able to

1. To comprehend object oriented programming concepts using C++.

2. To understand Class, objects and Constructors.

3. To use the operator overloading and inheritance in program development.

4. To describe the concept of Pointer to objects and pure virtual functions.

5. To apply the concepts of files and its stream operations.

Subject Code: 22OUIT1P   (National)

Course Name: Object Oriented Programming with C++ Lab

Upon completion of the course, the students will be able to

1. To impart the knowledge Default arguments and constructor.

2. To learn the organized structures of inheritance type and operator overloading.

3. To design a string manipulation and virtual function.

4. To learn the objects and classes for developing programs.

5. To design various object oriented concepts to solve different problems.

Subject Code: 22OUITGEIT1   (National)

Course Name: Digital Principles and Applications

Upon completion of the course, the students will be able to

1. To gain knowledge of digital logic design including basic and universal Gates.

2. To design and analysis of digital electronic circuits, Boolean algebra and multi- variable Karnaugh map methods.

3. To study the small-scale combinational and sequential digital circuits.

 4. To prepares time flow chart, logic symbol and truth table of RS, JK, and D type flip-Flops.

5. To categorize asynchronous and synchronous counters and register.

Subject Code: 22OUITSE1P   (National)

Course Name: HTML and Office Automation Lab

Upon completion of the course, the students will be able to

4

1. To create a table, graphics and link within a web page.

2. To review and apply formatting techniques to produce professional documents.

3. To determine layout to achieve desired formatting and calculations for accurate workbook design.

4. To determine and develop presentation content to create presentation slides by entering text, data and graphics.

5. To create and design the relational database using given data.

Subject Code: 22OUITID1   **(Global)**

Course Name: Windows Tools and Applications

Upon completion of the course, the students will be able to

1. To introduce tools and features to edit and view a text document.

2. To perform basic editing functions, formatting text, copy and moving objects and text.

3. To learn the use and utility of functions and formulas on excel spreadsheet.

4. To create slide presentations that includes text, graphics, animation, and transitions.

5. To add special effects to slide transitions to spice up your presentations.

<div align="center">SEMESTER – II</div>

Subject Code: 22OUIT21   **(Global)**

Course Name: Operating System

Upon completion of the course, the students will be able to

1. To enhance an overview of the various types of computing environments.

2. To identify CPU scheduling and basis of multi programmed operating system.

3. To gain knowledge on the description of deadlocks, sets of concurrent processes from completing their tasks.

4. To comprehend on main memory and secondary memory Management techniques.

5. To create awareness on the file system design tradeoffs including access methods, file sharing, file locking and directory structures.

Subject Code: 22OUIT2P   **(National)**

Course Name: Linux Programming Lab

Upon completion of the course, the students will be able to

1. To learn the fundamental commands of UNIX Operating System.

2. To gain important aspects related to the Shell Programming Environment.

3. Demonstrate Unix Program using AWK and functions.

4. To know File and Directory Handling Commands.

5. To demonstrate the knowledge of Linux commands and Programs.

Subject Code: 22OUITGEMA2 (National)

Course Name: Resource Management Techniques

Upon completion of the course, the students will be able to

1. To define and formulate linear programming problems and appreciate their limitations.

2. To solve optimization problems and Graphical method for LPP.

3. To introduce the students to the use of basic methodology for the solution of simplex,

two- phase and Big-M-Method.

4. To expose them to various tools, techniques and methods available for decision making.

5. To determine the optimal solution for assignment problems.

Subject Code: 22OUITSE2P (National)

Course Name: Desktop Publishing Lab

Upon completion of the course, the students will be able to

1. To work with various tools, platters and various templates.

2. To learn with various graphics, positioning, logo and page design.

3. To create advertising banner and designs for print media.

4. To create a drawing, set rulers, grid, guidelines, and view document in CorelDraw.

 5. To build new shapes and reshaping objects with special effects.

Subject Code: 22OUITID2 (Global)

Course Name: Introduction to Internet

Upon completion of the course, the students will be able to

1. To describe the important features of the Web and Web browser software.

2. To find information of internet and search Engine

3. To know the concepts of Internet Addressing

 4. To learn the various types of internet protocol

5. To communicate through Email with safety tips

Subject Code: 22OUIT31   **(National)**

Course Name: RDBMS

Upon completion of the course, the students will be able to

1. To understand and use data manipulation language to query, update, and manage a database.

2. To develop an understanding of essential RDBMS concepts such as database security, integrity, and concurrency.

3. To design and build a simple database system using E-R Model.

4. To describe the importance of and process of data normalization.

5. To understand the transactions and concurrent executions of transactions and identify the issues and supporting mechanisms of RDBMS.

Subject Code: 22OUIT32   **(National)**

Course Name: Data Structure and Algorithms

Upon completion of the course, the students will be able to

1. To study the systematic way of solving problems and various methods of organizing large amounts of data.

2. To design and implementation of advanced data structures such as Linear Lists, Stacks, Queues, Binary Trees and Graphs.

3. Student will be able to handle operations like Searching, Insertion, Deletion, Traversing mechanism on various data structures.

4. To understanding about writing algorithms and step by step approach in solving problems with the help of fundamental data structures.

5. To understand concepts about sorting techniques.

Subject Code: 22OUIT3P   **(National)**

Course Name: RDBMS Lab

Upon completion of the course, the students will be able to

1. To impart the to familiarize the participant with the degrees of database environments towards an information-oriented data-processing oriented framework

2. To learn a good formal foundation on the relational model of data

3. To design a to present the concepts and techniques relating to query processing by SQL engines

4. To learn the concepts of transaction processing

5. To design and implementation a project using embedded PL/SQL

Subject Code: 22OUITGEIT3   (National)

Course Name: E-Commerce

Upon completion of the course, the students will be able to

1. To learn the Fundamentals of e-Commerce.

 2. To gain the knowledge on Network Infrastructure for E-commerce.

 3. To understand the functions of web security of electronic commerce software.

4. To learn the various Electronic payment mechanisms.

 5. To recognize the usage of Wireless technologies.

Subject Code: 22OUITSE3P   (Global)

Course Name: PHP and MySQL Lab

Upon completion of the course, the students will be able to

1. To impact the knowledge in scripting.

2. To learn the functions and their method of calls.

3. To understand the form action.

4. To learn the file handling mechanism.

5. To design a web page and Database connectivity.

SEMESTER – IV

Subject Code: 22OUIT41   (National)

Course Name: Computer Graphics

Upon completion of the course, the students will be able to

1. To comprehend the fields and system of Graphics system.

2. To understand the output primitives such as points and line drawing algorithms.

3. To use the attributes of output primitives in program development.

4. To describe the Transformation of an object such as Translation, Rotation and Scaling.

5. To apply the concepts of Graphics primitives and Two Dimensional Object Creation & Manipulation Techniques.

Subject Code: 22OUIT4P   (Global)

Course Name: Computer Graphics Lab

Upon completion of the course, the students will be able to

1. To impart the knowledge about basic Graphics programs.

2. To learn the various algorithms used in graphics.

3. To design a 2D/3D transformation

4. To learn the variations in filling algorithm.

5. To design simple animation using Transformations

Subject Code: 22OUIT42   **(National)**

Course Name: Computer Organization

Upon completion of the course, the students will be able to

1. To introduce the concepts of Computer Organization

2. To equip the students with the skills of computer oriented knowledge.

3. To comprehend the importance of the hardware-software interface.

4. To learn the different types of serial communication techniques.

5. To inquiry the Instruction execution stages.

Subject Code: 22OUITGECOM4   **(National)**

Course Name: Financial and Cost Accounting

Upon completion of the course, the students will be able to

1. To develop and understand the nature and purpose of financial statements in relationship to decision making.

2. To develop the ability to use the fundamental accounting equation to analyze the effect of business transactions on an organization's accounting records and financial statements.

3. To be able to interpret cost accounting statements and cost calculation using accounting methods.

4. To keep inactive, waste, surplus, scrap and obsolete items at the minimum level.

5. To estimate and ascertain profits or losses.

Subject Code: 22OUITSE4P   **(National)**

Course Name: Tally Lab

Upon completion of the course, the students will be able to

1. To impart knowledge regarding concepts of Financial Accounting.

2. To create company, enter accounting voucher entries including advance voucher entries, reconcile bank statement.

3. To learn basics of accountancy, its principles, concepts, conventions, recording procedures, Bank reconciliation.

4. To creating a company involves providing basic information about the company whose books of accounts are to be maintained in Tally.

5. To design information about the company, books, and details of currency

DEPARTMENT OF

TAMIL

U.G.

Department of Tamil – UG

Programme Code: T **Programme Name: B.A. Tamil**

Programme Outcomes

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2:.!ா‌த அமஈ!மௌ‌ஈ! –

ண பாபஙடி சாப த வ பா! பௗாமநஈ! ரு ண டஈ! மௌ‌ ஙஙநஈ! ா‌ �்ஆஇ! ட ஒஈஒடஈ! ரௌ‌ ஈரஙடி த ண !!
!! ெஙகாழு! ழு ப வ�வஈவ�டஈ! ரௌடிஈாா்அத நாஈ! ழா ஒ ர ஙஃ!
3:.! ழ ௌ‌ ஙஙம‌ங‌�நஈ! ட ஒஈ ஒடஈ! ா த அாஈ்மஈ! மௌ‌ங ந�ண ஈ! ழு ட டாஈஅஇ! ெ த அ ர ஙஃ!
4:.! ண டி ங்ப ணா‌ர‌ங்! ா‌ டிண்ஈ‌ர மஒௌப ந� ! ரௌடிஈா்ஈப த வாஈ! ழா ஒ ர ஙஃ!
5:.! மௌ‌ஈ! –   த வ ! ெ ஙகாழு ! ழு ப வ�வ‌ஈர ஙஃ!
ண பாபஙடி சாப வண‌ணஈ! ப ண காழுமஒ ௌ‌ டஈ! ழு ௌா ஆ‌டஈ! ட ண ஈஒ ச

6:.! – ண பாழு‌ சாப வஈ! ப ௗாமநஈ! ரௌ‌டிண்ண பௌ‌! ம ட‌ங‌தௌ‌ ாஈ! ங‌ஙதௌ‌ டிஙநௌ‌ஒ‌! ழா ௌ ஈ ரு டஈ! ஈ‌ங‌ற மருடஈ! ா‌ டிங‌ழ‌ங‌ங‌! !
!! ழா ஒ ர ஙஃ!
7:.! மௌ‌ஈ ஈகஇஅஇ! ெ‌ெஙு! ட ஒஈஒடஈ! –   ழும ணஈர‌ண‌ணஈ! ழு ர ஒஈஒங! ழா ஒ ட
காமஙடி ! பு உ த டாஈா‌ ௢ ங! ழுமண‌ணஈ‌ரதௌ‌ ௢ டிம
!! மௌ‌ங‌நஈ! ழா ஒ ர ஙஃ!

8:.! ப ண‌ாஈ‌ர‌ங‌! ங‌ங ஒஈ‌ர‌ந சாப வ‌ண‌ண‌ஈ! Ⓒ ஙங‌ங‌டிங‌ெ‌பாஈ! ா‌ ௢ டிங‌ஒஈஒடஈ! ம‌ப‌ம‌ங‌! ெ த அ ர ஙஃ!
9:.! ழா ண‌ங‌ஒு! ம‌ங‌ஒ‌ த‌ட த‌டி ! ர வ‌ண‌ண‌ா‌ழு பா! ழு ப வ�வ‌ஈர மநஈ! ரௌடிண ண பௌ‌ ! ங‌ங‌காம ! ழா ண‌ண‌வ‌ண‌ண‌ெ‌பு‌டஈ! ரௌடிஈா‌ாஙத நாஈ!
!
!! ழா ஒ ர ஙஃ!
:.! ரௌழு‌ங‌ந‌ண‌ணஇ‌?‌ ழும‌ங‌தௌ‌ ண‌ பா‌ப‌அங‌ங‌! ழா ண‌ங‌ஙடி ! ஙு அ‌ப‌மஈ! ழு த ஒ‌ப‌வ‌வண‌ணஈ! ழு ர த‌ண‌ ! ரௌடிஈா‌ா‌ங‌த நாஈ! ழா ஒ‌ட‌ஈ! ! !
!! ம‌ப‌ம‌ங‌த‌டி ! ெ த அ ர ஙஃ!
21:.! ா‌ம‌ங‌ம‌ங‌ப‌ா‌த ப ! ழு த ஒ‌ டிண‌ணஈ! ங‌ங‌தௌ‌ ம‌ங‌ஒ‌மா‌ழு‌டஈ! ா‌ ௢ ப‌வ‌ண‌ணஈ! ா‌ ௢ ஈ‌ண‌ண‌டஈ! ம‌ங‌ஒ‌ந‌ஈ! ழா ஒ ர ஙஃ!

1

Course Outcomes
SEMESTER – V

Subject Code: 21T51   (National)

Course Name: பதினென் கீழ்க்கணக்கு

1. பதினெண்க ழ்க்கணக்கு நூல்களை அறிமுகம் செய்தல்.

2. அறநூல்களால் வாழ்க்கை எவ்வாறு தரம் உயர்த்தப்படுகிறது என்பதை எடுத்துரைத்தல்.

3. அன்றாட வாழ்வில் கடைப்பிடிக்க வேண்டிய நியமங்களை விளக்குதல்.

Subject Code: 21T52   (National)

Course Name: இலக்கணம் - யாப்பு அணி

1. எழுத்து, அசை, சீர், தளை, அடி, தொடை,ஆகியவற்றைப் பயிற்றுவித்தல்.

 2. அணி வகைகளை அறிய செய்தல்.

3. செய்யுள் படைக்கும் திறனை வளர்த்தல்.

Subject Code: 21TE5A   (National)

Course Name: நாடகவியல

1. நாடகக் கலையின் தோற்றம்,வளர்ச்சி பற்றிய விளக்கங்களைப் புரிந்து கொள்வர்.

2. தனித்திறமைகளை வெளிக்காட்டுவர்.

3. குழு மனப்பான்மையை வளர்த்துக் கொள்வர்.

 4. புதிய படைப்புகள் உருவாக்கிட கற்றுக் கொள்வர்.

5. கதைக்களம் உருவாக்கப் பயிற்சி பெறுவர்.

Subject Code: 21TE5C   (National)

Course Name: நாட்டுப்புறவியல

1. நாட்டுப்புறக் கதைப்பாடல்கள் உணர்த்தும் உண்மை நிலைகளை அறிதல்.

2. நாட்டுப் புறக் கலைகளை மற்றும் மக்களின் நம்பிக்கைகளை உணர்த்துதல்.

3. நாட்டுப்புற மருத்துவம் மற்றும் விளையாட்டுகள் பற்றி அறிதல்.

Subject Code: 21SET51   (National)

Course Name: படைப்புக்கலை

1. மாணவர்கள் தங்கள் எண்ணத்தை வெளியிடும் ஆர்வம் மற்றும் எதற்கும் வடிவம்காணும் ஆர்வத்தினைத் தூண்டுதல்.

 2 கற்பனை ஆற்றலின் வளர்ச்சியை மேம்படுத்துதல்

3. கவிதை, சிறுகதை, நாடகம், போன்ற படைப்புகள் மூலம் மாணவர்களின் படைப்பாற்றலை வெளிக்கொணர்தல்.

Subject Code: 21SET52   (National)

Course Name: கணினித்தமிழ

1. கணினி இணையம் பற்றிய அடிப்படை அறிவைப் பெறச்செய்தல்

2. தமிழ்கற்றலில்இணையத்தின்பயன்பாட்டைஉணர்த்துதல்

3. தமிழ்வளர்ச்சியில்இணையத்தின் பங்களிப்பைஅறியச்செய்தல

Subject Code: 21T61   **(National)**

Course Name: பதினெண் மேற்கணக்கு

1. சங்க கால மக்களின் வாழ்க்கை நெறிமுறைகளையும் புலவர்களின் பெருமைகளையும் தெரிந்து கொள்ளல்.

2. திணைப் பாடல்கள் புலவர்களின் இயற்கை மீதான நுண்ணிய அறிவையும் அவர்களது மானுட வாழ்க்கையின் உண்மை அனுபவத்தையும் புரிந்து கொள்ளுதல்.

3. இன்பமும் துன்பமும் உலக இயற்கை என்பதைத் தெளிவாக அறிந்துகொள்ளல். போர் பற்றிய செய்திகளைத் தெரிந்து கொள்ளல்.

Subject Code: 21T62   **(National)**

Course Name: மொழியியல

1. மொழியியலை அறிமுகம் செய்தல் .

2. மொழியைச் சரியாக உச்சரிக்கப் பயிற்சி அளித்தல்.

3. ஒலியுறுப்புக்களைச் சரியாகப் பயன்படுத்த மொழியியல் பெரிதும் துணைபுரிகின்றன

Subject Code: 21T63   **(National)**

Course Name: கவின் கலைகள்

1. கோயில் கட்டிடக் கலையின் பல்வேறு நுட்பங்களைப் புரிந்து கொள்ளல்.

2. கோயில் கலையைப் பயிலுதல் மூலமாக கலை மற்றும் சமய வளர்ச்சியினைத் தெரிந்து கொள்ளல்.

3. ஓவியம், இசைக்கலையின் பெருமையினைத் தெரிந்து கொள்ளல்

Subject Code: 21TE6A   **(National)**

Course Name: உரையாசிரியர்களும் உரைமரபுகளும

1. உரையாசிரியர்களை அறிந்து கொள்ளல்.

 2. உரையின் வகைகளை அறிமுகப்படுத்துதல்.

3. இலக்கண, இலக்கிய உரையாசிரியர்களின் உரை வளம் அறிதல்.

Subject Code: 21TE6B   **(National)**

Course Name: ,லக்கியத் திறனாய்வு

1. திறனாய்வுச் சிந்தனைகளை வளர்த்தல் .

2. திறனாய்வுப் பயிற்சி பெறுவதன் மூலம் தரமான படைப்பை இனங்காணல்.

3. படிப்பவனுக்கும் படைப்போனுக்கும் இடையேயுள்ள இடைவெளியைக் குறைத்து ஓர் இணைப்புப் பாலத்தை ஏற்படுத்துதல்.

Course Outcomes
Outcome Based Education (OBE)
SEMESTER – I

Subject Code: 22OUTA11   (National)

Course Name: தற்கால இலக்கியம

1. இலக்கணத்தின் வாயிலாக தமிழைப் பிழையின்றி எழுதும் திறன் பெறச் செய்தல்.
2. தமிழ் எழுத்துக்களின் வகைகளையும் ஒலிக்கும் முறையினையும்அதன் பிறப்பினையும் உணரச் செய்தல்.
3. பகுபத உறுப்பு,புணர்ச்சி விதிகளைக் கற்றுக் கொள்ளச் செய்தல்.
4. மொழியின் கட்டமைப்பை மாணவர்களுக்கு பயிற்றுவித்தல்.
5. எழுத்துக்கள் புணரும் விதத்தினை விளக்குதல்..

Subject Code: 22OUTA12   (National)

Course Name: ,லக்கணம்- நன்னூல் - எழுத்ததிகாரம

1. இலக்கணத்தின் வாயிலாக தமிழைப் பிழையின்றி எழுதும் திறன் பெறச் செய்தல்.

2. தமிழ் எழுத்துக்களின் வகைகளையும் ஒலிக்கும் முறையினையும்அதன் பிறப்பினையும் உணரச் செய்தல்.

3. பகுபத உறுப்பு,புணர்ச்சி விதிகளைக் கற்றுக் கொள்ளச் செய்தல்.

4. மொழியின் கட்டமைப்பை மாணவர்களுக்கு பயிற்றுவித்தல்.

5. எழுத்துக்கள் புணரும் விதத்தினை விளக்குதல

Subject Code: 22OUTAGETA1   (National)

Course Name: சுற்றுலாவியல

1. சுற்றுலாவின் முக்கியத்துவத்தினை அறியச் செய்தல்.

2. சுற்றலா பயணிகளின் வருகையினால் நாட்டில் ஏற்படுகின்ற பொருளாதார சூழலை உணர்ந்து கொள்ளச் செய்தல்.

3. சுற்றுலா செல்வதற்கான திட்டமிடல் குறித்த அறிவினைப் பெறச்செய்தல்.

4. வணிகத்தின் தன்மையை மதிப்பீடு செய்வர்.

5. தமிழ் இலக்கியத்தில் பயணநூல்கள் பெறுமிடம் குறித்து அறிவர்

Subject Code: 22OUTAID1   (National)

Course Name: பயன்பாட்டுத் தமிழ்

1. மொழிநடை மற்றும் உரைநடை பற்றி அறிந்து கொள்ளச் செய்தல்.

2. கட்டுரையின் பொருண்மைகள் மற்றும் வாக்கிய அமைப்பின் அடிப்படை விதிகளைத் தெரிந்து கொள்ளச் செய்தல்.

3. விமர்சனத்தின் படிநிலைகள் அணிந்துரை விளக்கம் முதலியவற்றைப் புரிந்து கொள்ளச்செய்தல.

4. கடிதங்கள் எழுதுவதன் நோக்கம் கடிதங்களின் வகைகள் நேர்காணல் போன்றவற்றின் மதிப்பினை உணரச் செய்தல்.

5. நிகழ்ச்சி நிரல் தயாரித்தல் வருணனையாளரின் பண்புகள் செய்தித்தாள் அறிக்கை தயாரித்தல் முதலியவற்றின் அமைப்பு முறைகளைப் பகுத்துணரச் செய்தல்.

SEMESTER – II

Subject Code: 22OUTA21   (National)

Course Name: சிறுநிலக்கியம

1. சிறுநிலக்கிய வகைமை மற்றும் பாடுபொருள்களை அறியச் செய்தல்.

2. சிறுநிலக்கிய கால மக்களின் வாழ்வுமுறை தமிழ்ப்பண்பு கவிப்பண்புகளை அறியச் செய்தல்.

3. சோழ அரச பாரம்பரியம், பள்ளு இலக்கியத்தின் உட்பொருள் அமைப்புகளைப் புரிந்து கொள்ளச் செய்தல்.

4. மலைவளம் உலாவின் சிறப்பு பற்றி அறிவதுடன் அக்கால அணிகலன்கள் பற்றியும் மதிப்பிட்டுத் தெரிந்து கொள்ளச் செய்தல்

5. தலச்சிறப்பையும் பேரின்பக் காதலின் உயர்வையும் உணர்ந்து கொள்ளச் செய்தல்.

Subject Code: 22OUTA22   (National)

Course Name: இலக்கணம் - நன்னூல் - சொல்லதிகாரம்

1. பெயரிலக்கண மரபுகளை அறிந்து கொள்ளச் செய்தல்.

2. வினைச் சொற்களின் வகைகளையும் அதனை பயன்படுத்தும் விதத்தினையும் புரிந்து கொள்ளச்செய்தல்.

3. இலக்கியத் தொடரமைப்புகளை அமைக்கும் விதத்தினைக் கண்டறிதல்.

4. பேச்சு வழக்கு மற்றும் இலக்கிய தொடரமைப்புகளுக்கு இடையேயான வேறுபாடுகளைப் புரிந்து கொள்ளல்.

5. இடைச்சொல் மற்றும் உரிச்சொல் செய்யுளில் இடம்பெறுமாற்றை அறியச் செய்தல்.

Subject Code: 22OUTAGETA2   (Global)

Course Name: பெண்ணியம

1.பெண்ணியத்தின் தோற்றமும் - வளர்ச்சியும் குறித்து விளக்கமாக அறியச் செய்தல்

2.மேலை நாடுகளில் பெண் விடுதலை இயக்கத்தால் பெண்ணியத்தில் ஏற்பட்டுள்ள வளர்ச்சிகளைப் பகுப்பாய்ந்து தெரியப்படுத்துதல்

3.பெண்ணியக் கோட்பாடுகளையும் இந்தியாவில் பெண்களின் சமூக நிலைகளையும் பற்றி அறியச் செய்தல்

4.பெண்ணுரிமைக் குறித்த சட்டங்களின் அறிவை விரிவாகப் பெறச் செய்தல்

5.இந்திய மற்றும் மேலை நாட்டுப் பெண்ணியத்தின் வேறுபாடுகளைப் பகுத்தறியும் அறிவைப் பெறச் செய்தல்.

Subject Code: 22OUTAID2   (Global)

Course Name: ஊடகவியல

1 ஊடகங்களின் வகைகளை அறிந்து கொள்ளச் செய்தல்

2. ஊடகத் துறையின் வளர்ச்சி மற்றும் பயன்பாட்டினைத் தெரிந்து கொள்ளச் செய்தல்

3. ஊடக சாதனங்களின் முக்கியத்துவத்தை மதிப்பிட்டுத் தெளியச் செய்தல்.

 4. விளம்பரங்களின் அவசியத்தை உணரச் செய்தல்

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5. திரைக்கதையின் வளர்ச்சியை அறிந்து பயன்பெற விழையச் செய்தல்.

SEMESTER – III

Subject Code: 22OUTA31   **(National)**

Course Name: சமய இலக்கியம

1. சைவ,சமயக்கொள்கைகளை அறியச்செய்தல்
2 வைணவம் வெளிப்படுத்தும் பக்தித் திறனைத் தெரிந்து கொள்ளல்.
3. சித்தர் பாடல்களில் உள்ள தத்துவங்களைப் புரிதல்
4. தனிப்பாடல்களின் சிறப்புக்களை உணரச் செய்தல்
5. கிறித்தவ இஸ்லாமிய கொள்கைகளைக் கற்றறியும் திறன் பெறுதல

Subject Code: 22OUTA32   **(National)**

Course Name: ,லக்கணம் - அகப் பொருள்

1. திணை மற்றும் பொருள்களின் வகைகளை அறிந்து கொள்ளச் செய்தல்.
2. களவின் இலக்கணத்தையும் பிரிவுகளையும் தெரிந்து கொள்ளச் செய்தல்.
3. வரைவு நிலைப்பாட்டினை அறிந்து கொள்ளச் செய்தல்.
4. இல்வாழ்க்கையின் சிறப்பினையும் பிரிவின் வகைகளையும் புரிந்து கொள்ளச் செய்தல்.
5. உள்ளுறை உவமம், இறைச்சிப் பொருள், திணைமயக்கம் ஆகியவற்றை அறியச் செய்தல்

Subject Code: 22OUTAGETA3   **(National)**

Course Name: கல்வெட்டியல

1. கல்வெட்டின் மூலம் தொன்மை வரலாற்றினை அறிந்து கொள்ளச் செய்தல்.
2. கலை மற்றும்சமய வளர்ச்சியைத் தெரிந்து கொள்ளச் செய்தல்.
3. கல்வெட்டெழுத்துக்களின் வகைகளை அறிந்து கொள்ளல்.
4. தமிழ்மொழி இனத்தின் வரலாற்றை உணர்வர்.
5. பண்டைய தமிழ் வேந்தர்களின் அரசியல் முறைகளும் சமுதாய வாழ்க்கையும் நன்கு அறிவர்.

Subject Code: 22OUTASE3   **(National)**

Course Name: படைப்பிலக்கியம்

1. மாணவர்கள் தங்கள் எண்ணத்தை வெளிப்படுத்தும் வகையில் ஆர்வத்தினைத் தூண்டுதல்.
2. கற்பனை ஆற்றலின் வளர்ச்சியை மேம் படுத்துதல்
3. சிறுகதை படைப்புகள் மூலம் மாணவர்களின் படைப்பாற்றலை வெளிக்கொணர்தல்
4. மாணவர்கள் நடிப்பு குறித்தும் நாடக உத்திகள் குறித்தும் அறியும் படி செய்தல்
5. கவிதை- சிறுகதை – நாடகம் எழுத பயிற்சியளித்தல

Subject Code: 22OUTA41   **(National)**

Course Name: காப்பிய இலக்கியம

1. காப்பியகால மக்களின் வாழ்க்கைநிலை,பண்பாடு,பழக்கவழக்கங்களைஅறிவர்.
2. சைவக்காப்பியங்களின் வழி சைவ அடியவர்களின் பக்திநெறியினை தெரிவர்
3. இதிகாச மாந்தர்களின் பாத்திர பண்புகளை ஒப்பிடும் திறனைப் பெறுவர்.
4. காப்பிய சமய பொதுமைகளைக் கண்டுகொள்வர்.
5. தற்கால காப்பியங்களின் வளர்ச்சி பண்புகளை அறியும் திறனைப் பெறுவர்.

Subject Code: 22OUTA42   **(National)**

Course Name: இலக்கணம் - புறப் பொருள்

1. புறப்பொருள் வெண்பா மாலை கட்டமைக்கும் புற இலக்கண திணை, துறை மரபுகளை அறிந்து கொள்ளுதல்
2. புறப் பொருள் வெண்பா மாலை சுட்டும் போர் முறைகளைத் தெரிந்து கொள்ளுதல்
3. புற இலக்கியங்களுக்கும், புற இலக்கண மரபுகளுக்கும் உள்ள பொருத்தத்தை பகுத்தறிதல்.
4. திணை, துறை அடிப்படையில் புற இலக்கியங்களைப் புரிந்து கொள்ளுதல்.
5. புற வாழ்க்கைக்கான விழுமியங்களைத் தெரிந்து கொள்ளுதல்.

Subject Code: 22OUTAGETA4   **(National)**

Course Name: நாட்டுப்புறவியல

1. நாட்டுப்புறவியல் சொல் விளக்கம் மற்றும் நாட்டுப்புறபாடல்களின் தன்மையை அறியச்செய்தல்.
2. நாட்டுப்புற இலக்கியங்களின் சொல் மேலாண்மையை உணரச் செய்தல்.
3. நாட்டுப்புறமக்களின் பண்பாடு மற்றும் பழக்க வழக்கங்களைக் கண்டுணரச்செய்தல்.
4. நாட்டுப்புறவியல் சார்ந்த ஆய்வுக்களன்களைத் தெரிந்து கொள்ளச் செய்தல்.
5. நாட்டுப்புறவியல் குறித்த வரலாற்றினை அறியச் செய்தல்.

Subject Code: 22OUTASE4   **(National)**

Course Name: ஆளுமைத் திறன

1. ஆளுமைக்கோட்பாடுகளை அறியச் செய்தல்..
2. தன்முனைப்பு உத்திகள் மூலம் தன்முனைப்பு தன்மையை பெறச்செய்தல்.
3. தலைமைப் பண்பிற்கான தகுதிகளை உருவாக்குதல்.
4. தகவல் பரிமாற்ற சிக்கல்களைக் கையாளச் செய்தல்.
5. பன்முகப் பண்பாட்டுச் சூழலில் சமூக நன்னடத்தையை உருவாக்குதல்

DEPARTMENT OF PHYSICS
U.G.

Programme Code: P   **Programme Name: B.Sc. Physics**

Programme Outcomes

1. Understand the fundamental laws and principles of various areas of Physics.

2. Learn the theoretical knowledge of Physics principles and mathematical tools to solve practical problems.

3. Executing series of experiments or computations and to handle specialized equipments.

4. Understand the role of Physics in society and the background to consider ethical, legal and responsibilities.

5. Ability to pursue Science career, successfully.

Programme Specific Outcomes

1. Acquire Knowledge and to Understand the academic field of Physics and applications of Basic Physics.

2. Apply Mathematical techniques with emphasis on applications of Physics.

3. Develop knowledge and skills such as a practical approach to solve problems, the ability to reasoning out and to communicate complex ideas.

4. Assist in the creation of an effective project plan.

5. Personal skills such as the ability to work both independently and in a group.

Course Outcomes
SEMESTER – V

Subject Code: 21P51   (National)

Course Name: Atomic and Nuclear Physics

Upon completion of the course, the students will be able to

1. The Atomic structure and various atom models

2. Elementary Particle Physics and nuclear models

3. Types of Particle accelerators and detectors

Subject Code: 21P52   (National)

Course Name: Programming with C

Upon completion of the course, the students will be able to

1. Enable to write programmes using C.

2. To know the basics of operators and expressions in C Programmes.

3. To get the knowledge about branching and looping concepts in C Programmes.

4. To study the basics of arrays and functions in C Programmes.

Subject Code: 21PE5A   (Global)

Course Name: Electronics

Upon completion of the course, the students will be able to

1. The various rectifiers and filters built of diodes and fundamentals of transistors

2. Operation of power Amps and Op Amps, Types of FETs and Oscillators

3. Sequential circuits their action and Converters

Subject Code: 21PE5B   (National)

Course Name: Numerical Methods

Upon completion of the course, the students will be able to

1. To introduce the fundamentals of solving different kinds of problems occurs in computer applications using Numerical Methods.

2. To study the various numerical methods to solve the Mathematical equations.

3. To know the basic concepts differentiation and integration.

4. To obtain the knowledge about differential equations.

Subject Code: 21SEP51   (Global)

Course Name: Fibre Optic Communication

Upon completion of the course, the students will be able to

1.The Principles of Fibre Optic communication

2.Various systems and components

3.Some devices and applications in the Fibre optic communication.

SEMESTER – IV

Subject Code: 21P61   (National)

Course Name: Solid State Physics

Upon completion of the course, the students will be able to

1. The bonding in solids.

2. Crystal Physics and part of X-rays in structure determination.

3. Magnetic materials and their properties.

Subject Code: 21P62   (National)

Course Name: Spectroscopy

Upon completion of the course, the students will be able to

1. To get the basic idea about the spectra of atoms.

2. To attain the knowledge about the rotation of different molecules.

3. To import the basic concepts different types of Spectroscopy.

Subject Code: 21PE6A   (National)

Course Name: Theoretical Physics

Upon completion of the course, the students will be able to

1. Basic concept of quantum idea.

2. Dual nature of microscopic particles.

3. Theory of relativity and its consequences

Subject Code: 21PE6B   (National)

Course Name: Applications of Electronic Devices and Instrumentation

Upon completion of the course, the students will be able to

1. Electronic Instrumentation of Various measuring instruments.

2. Working and types of various electronic meters.

Subject Code: 21SEP61   (National)

Course Name: Introduction to Microcontrollers 8051

1. To understand the basics of Microcontroller and Microprocesser.

 2. To obtain the knowledge about the usage of registers in MCS-51.

3. To study the different types of Memory used in 8051 Microcontroller.

4. To acquire the knowledge about the assbembly language programme tools

Subject Code: 21AP3   **(National)**

Course Name: Electricity and Electronics

Upon completion of the course, the students will be able to

1. Electrostatics and Electricity

2. Some Fundamentals in Analog and Digital Electronics

Subject Code: 21AP4   **(National)**

Course Name: Optics

Upon completion of the course, the students will be able to

1. To get the basic idea about Geometrical optics and Dispersion of Light.

2. To attain the knowledge about the Interference and Diffraction of Light.

 3. To import the basic concepts about LASER.

Course Outcomes
Outcome Based Education (OBE)
SEMESTER – I

Subject Code: 22OUPH11   (National)

Course Name: Mechanics, Properties of Matter and Sound

Upon completion of the course, the students will be able to

1. To learn the basic concepts of laws and forces.

2. To gain the knowledge of Moment of Inertia and concepts of dynamic bodies

3. To understand the concept of Gravitation field and Potential

4. To demonstrate practical knowledge in the Elastic and Viscosity properties.

5. To Study the behaviour of sound waves and also its properties.

Subject Code: 22OUPHSE11   (National)

Course Name: Basic Electronics

Upon completion of the course, the students will be able to

1. To study the basic concepts about resistors and capacitors.

2. To comprehend the theory of inductors.

 3. To understand the basics and the special types of diodes.

4. To know the physics behind semiconductors and their types.

5. To understand the basic formation of transistor and its configuration

Subject Code: 22OUPHSE12   (National)

Course Name: Skill Enhancement Course

Upon completion of the course, the students will be able to

1. To understand the fundamentals of Ms-word.

 2. To study the concepts of formatting workbooks.

3. To acquire the knowledge of power-point.

4. To apply the knowledge of using internet

5. To analyze the advantage of email.

Subject Code: 22OUPHID1   (Global)

Course Name: Inter Disciplinary Course

Upon completion of the course, the students will be able to

1.To learn the basic concepts of fundamentals of energy.

2. To gain the knowledge of application of solar energy.

 3. To understand the concept of nature of winds.

4. To demonstrate knowledge in the biomass resources.

5. To study about the application of ocean energy.

Subject Code: 22OUPH21   (National)

Course Name: Heat and Thermodynamics

Upon completion of the course, the students will be able to

1.To Understand the fundamentals of Heat capacities.

2. To Study the concepts of conduction, convection,& radiation.

3. Acquire the knowledge various liquefaction process.

 4. Apply the concept of kinetic theory of matter.

5. Analyze the relation of entropy in reversible &irreversible process.

Subject Code: 22OUPHSE21   (National)

Course Name: Basic Instrumentation Skill

Upon completion of the course, the students will be able to

1. To understand the concept of Ammter, voltmeter, ohmmeter.

 2. To study the concepts of Multimeter .

3. To study about transducers.

4. To acquire the knowledge of CRO.

5. To acquire the knowledge about measuring Instruments.

Subject Code: 22OUPHSE22   (Global)

Course Name: Renewable Energy and Energy Harvesting

Upon completion of the course, the students will be able to

1. To study the basic concepts of solar energy and its applications.

2. To understand the origin, nature and applications of wind power.

3. To acquire the knowledge about tidal energy.

4. To learn about the various aspects of biomass energy.

5. To Study the origin, distribution, types and application of geothermal energy

Subject Code: 22OUPHID2   (National)

Course Name: Astrophysics

Upon completion of the course, the students will be able to

1. To understand the concepts history of Astronomy.

2. To study the concepts of earth motion in space.

3. To learn about tidal dynamics and various moon phases.

4. To study the Milky Way Constellations and the starry universe.

5. To understand how stars are formed and their varied characteristics.

Subject Code: 22OUMAGEPH1   **(National)**

Course Name: Physics-I Mechanics and Properties of Matter

Upon completion of the course, the students will be able to

1. To acquire the knowledge about force, power and energy.

2. To understand the concepts of rotational motion.

3. To import the knowledge of gravitation.

4. To expose the knowledge of materials based on their moduli of elasticity

5. To understand the basic properties of Viscosity.

Subject Code: 22OUMAGEPH2   **(Global)**

Course Name: Physics-II Thermal physics

Upon completion of the course, the students will be able to

1. To comprehend the fundamental ideas behind thermal expansion and adiabatic change.

2. To learn about convection and conduction in relation to the atmosphere.

3. To acquire the knowledge about radiation laws.

4. To understand the concepts of kinetic theory of gases.

5. To study the various thermodynamics laws.

<center>SEMESTER – III</center>

Subject Code: 22OUPH31   **(National)**

Course Name: Electricity and Electromagnetism

Upon completion of the course, the students will be able to

1. To understand the basic concepts of electric current.

2. To acquire the knowledge about the thermal effect of electric current.

3. To study the basic concepts of electromagnetic inductance.

4. To learn about AC and DC currents.

5. To study the Maxwell's equation and Electromagnetic waves

Subject Code: 22OUCHGEPH3   (National)

Course Name: Physics-I Mechanics and Properties of Matter

Upon completion of the course, the students will be able to

1. To acquire the knowledge about force, power and energy.

2. To understand the concepts of rotational motion.

3. To import the knowledge of gravitation.

4. To expose the knowledge of materials based on their moduli of elasticity

5. To understand the basic properties of Viscosity.

Subject Code: 22OUMAGE PH3   (National)

Course Name: Physics-III Electricity and Electronics

Upon completion of the course, the students will be able to

1. To understand the basic concepts of electric fields.

2. To acquire the knowledge about the magnetic fields.

3. To understand the properties of semiconductor materials.

4. To study the basic concepts of Transistor.

5. To learn about logic gates.

<p align="center">SEMESTER – IV</p>

Subject Code: 22OUPH41   (National)

Course Name: Optics and Spectroscopy

Upon completion of the course, the students will be able to

1. To understand the basic concepts of dispersion of light.

2. To obtain the knowledge about interference.

3. To study the different types of Diffraction.

4. To acquire the knowledge of the effects of polarization of light.

5. To gain the basic knowledge of types of spectroscopy and its applications.

Subject Code: 22OUCHGEPH4   (Global

Course Name: PhysicsII Thermal physics

Upon completion of the course, the students will be able to

1. To comprehend the fundamental ideas behind thermal expansion and adiabatic change.

2. To learn about convection and conduction in relation to the atmosphere.

3. To acquire the knowledge about radiation laws.

4. To understand the concepts of kinetic theory of gases.

5. To study the various thermodynamics laws.

Subject Code: 22OUMAGEPH4   **(National)**

Course Name: Physics – IV Optics

Upon completion of the course, the students will be able to

1. To study the basic concepts of geometrical optics.

2. To comprehend the theory of interference.

3. To understand the basics and the types of Diffraction.

 4. To know the theory of Polarization of light.

5. To understand the basics of LASER.

DEPARTMENT OF NUTRITION & DIETETICS U.G.

DEPARTMENT OF NUTRITION & DIETETICS

Programme Code: N   **Programme Name: B.Sc. Nutrition & Dietetics**

Programme Outcomes

1. Understand the role of Food and Nutrients in health and Disease.

2. Provide nutrition education and diet counseling to individuals throughout the life span using a variety of communication strategies.

3. Apply technical skills, knowledge of health behavior, clinical judgment, and decision - Making skills.

4. Perform food management functions in business, health-care, community and institutional arenas.

5. Assessing and evaluating the nutritional status of individuals and communities and their Response to nutrition intervention.

6. Competence in the skills of assessment, planning, management and evaluation of food service, nutrition and dietetics services in institutional food, community nutrition.

Programme Specific Outcomes

1. Provides in-depth understanding of the role of food under specific diseased conditions.

2. Understanding the working of dietary department.

3. Formulate innovative nutritious novel food products.

4. Become a successful entrepreneur.

5. Apply skill based knowledge in food industry.

6. Analyze nutrients, quality of food, disease and dietary management.

Course Outcomes
SEMESTER – V

Subject Code: 21N51   **(National)**

Course Name: Nutrition through Life cycle

Upon completion of the course, the students will be able to

1. Understand the vital link between nutrition and health `

2. Know the factors affecting the nutrient needs during the life cycle and the RDA for different age groups.

Subject Code: 21N52   **(National)**

Course Name: Dietetics – I

Upon completion of the course, the students will be able to

1. Develop attitude towards the profession as dietitian.

 2. Understand the recent trends in diet therapy and planning and preparation of therapeutic diets.

Subject Code: 21NE5A   **(National)**

Course Name: Catering Management

Upon completion of the course, the students will be able to

1. Understand the different types of food service and styles.

2. Gain knowledge about the functioning of food service institutions.

3. Develop skills in setting up food service units.

Subject Code: 21NE5B   **(National)**

Course Name: Functional Foods and Nutraceuticals

Upon completion of the course, the students will be able to

1. Understand the meaning and function of functional foods and nutraceuticals properties.

2. Gain knowledge on the scientific basis of foods and nutrient supplements.

Subject Code: 21SEN51   **(National)**

Course Name: Hotel House Keeping

Upon completion of the course, the students will be able to

Upon completion of the course, the students will be able to

1. Understand of the different areas and functions of housekeeping department.

2. Acquire knowledge regarding maintenance of rooms.

Subject Code: 21N61   **(National)**

Course Name: Food processing

Upon completion of the course, the students will be able to

1. Understand the physical and chemical principles of food processing.

2. Gain knowledge on recent trends in food processing.

SEMESTER – VI

Subject Code: 21N62   **(National)**

Course Name: Dietetics – II

Upon completion of the course, the students will be able to

1. Know about the principles of medical nutrition therapy.

2. Develop the skills & principle in modification of the normal & therapeutic diet to suit the different disease condition.

Subject Code: 21N62   **(Global)**

Course Name: Food Safety and Quality control

Upon completion of the course, the students will be able to

Subject Code: 21NE6A   **(National)**

Course Name: Dietetics – II

Upon completion of the course, the students will be able to

Subject Code: 21NE6B   **(Global)**

Course Name: Post Harvest Technology

Upon completion of the course, the students will be able to

1. Understand the knowledge of storages of grains

2. Gain knowledge about food spoilage and its prevention.

3. Know about various agencies in controlling food losses.

Subject Code: 21SEN61   **(National)**

Course Name: Front Office Management

Upon completion of the course, the students will be able to

1. Understand the organizational procedures of the front office.

2. Know the departments associated with front office

Course Outcomes
Outcome Based Education (OBE)
SEMESTER – I

Subject Code: 22OUND11   **(National)**

Course Name: Food Science – I

Upon completion of the course, the students will be able to

1. Acquire knowledge on the structure of food, its composition, processing and changes during cooking.

2. Understand the importance of various foods and composition of their nutrients.

3. Familiarize with different methods of cooking.

4. Characterize the basis for toxin production, to determine the mode of action and Prevention of selected toxins.

5. Study the different types of pigments.

Subject Code: 22OUNDGEND1   **(Global)**

Course Name: Human Physiology

Upon completion of the course, the students will be able to

1. Understand the integrated structure and functions of all systems.

2. Gain knowledge on human physiology.

3. Understand some of the relevant issues and topics of human physiology.

4. Learn the knowledge about reproductive and excretory system.

5. Study the mechanism of sensory organs.

Subject Code: 22OUNDSE11   **(National)**

Course Name: Spices and Herbal Nutrition

Upon completion of the course, the students will be able to

1. Gain basic knowledge of spices and herbs.

2. Understanding about culinary uses.

3. Acquire Knowledge on therapeutic value of spices and herbs.

Subject Code: 22OUNDSE12   **(Global)**

Course Name: Community Nutrition

Upon completion of the course, the students will be able to

1. Understand the concept of community nutrition.

2. To know about the various health intervention programmes in the community.

3. To understand national nutritional problems and their implications

Subject Code: 22OUNDID1   (National)

Course Name: Basic Nutrition

Upon completion of the course, the students will be able to

1. Understand the functions and sources of nutrients.

2. Acquire skills in the maintenance of good health

 3. Know about the various deficiency disorders.

<p align="center">SEMESTER –   II</p>

Subject Code: 22OUND21   (National)

Course Name: Food Science – II

Upon completion of the course, the students will be able to

1. Learn the structure, composition, selection of different food and their changes during cooking.

 2. Gain knowledge on evaluation of food quality.

3. Know about the food adulteration and tests for detection.

Subject Code: 22OUNDGEND2   (Global)

Course Name: Food Microbiology

Upon completion of the course, the students will be able to

1. Acquire knowledge on the nature of microorganisms involved in food spoilage.

2. Understand the importance of microorganisms in food biotechnology.

3. Distinguish between food poisoning and infection.

Subject Code: 22OUNDSE21   (National)

Course Name: Extension Education

Upon completion of the course, the students will be able to

1. Understand the principles of extension and community development.

2. Prepare for higher studies in extension education.

3. Become effective home science extension worker.

Subject Code: 22OUNDSE22   (National)

Course Name: Textiles and Clothing

Upon completion of the course, the students will be able to

1. Understand properties and their uses of textile fibres

2. Know the concept of fabric finishes.

 3. Gain basic knowledge of planning family clothing.

Subject Code: 22OUNDID2   **(Global)**

Course Name: Food preservation

Upon completion of the course, the students will be able to

1. Understand the basic principles underlying food preservation.

2. Develop the ability in preserving foods.

SEMESTER – III

Subject Code: 22OUND31   **(National)**

Course Name: Core: Fundamentals of Nutrition

Upon completion of the course, the students will be able to

1. Acquire knowledge on the structure of basic terminology and several aspects of nutrition and the functions of food in healthy life sustenance.

2. Familiarize with the nutrient classification, nutrition during deficiency conditions.

3. Understanding of modern aspects of nutritional science.

Subject Code: 22OUNDGEND3   **(National)**

Course Name: GEC: Bakery

Upon completion of the course, the students will be able to

1. Understand the basic concepts of bakery and food preservation.

 2. Familiarize with baking processes and operations.

3. Develop skills and techniques in baking.

SEMESTER – IV

Subject Code: 22OUND41   **(National)**

Course Name: Core: Nutritional Biochemistry

Upon completion of the course, the students will be able to

1. Study the basic concepts of metabolism of proximate principles.

 2. To learn the metabolic pathways of nutritional significance.

Subject Code: 22OUNDGEND4   **(Global)**

Course Name: GEC: Food Preservation

Upon completion of the course, the students will be able to

1. Gain knowledge on principles of food preservation of foods.

2. Understand the techniques used in processing foods to preserve their shelf life.

3. Apply skills learnt to develop preserved food product.

COMPUTERAPPLICATIONS

U.G.

DEPARTMENT OF COMPUTER APPLICATIONS

Programme Code: J   **Programme Name: BCA**

Programme Outcomes

1. Exhibit understanding of broad business concepts and principles. (National)

2. To identify and define problems and opportunities. (Local)

3. Demonstrate the ability to identify a business problem, isolate its key components, analyze and assess the salient issues, set appropriate criteria for decision making, and draw appropriate conclusions and implications for proposed solutions. (Global)

4. Demonstrate the capabilities required to apply cross-functional business knowledge and technologies in solving real-world business problems (Global)

5. Demonstrate use of appropriate techniques to effectively manage business challenges. (National)

6. Capable of recognizing and resolving ethical issues. (National)

Programme Specific Outcomes

BCA Programme has been designed to prepare graduates for attaining the following specific outcomes:

1. Develop the skill to apply knowledge of mathematics, computer science and management in practice. (Global)

2. An ability to enhance not only comprehensive understanding of the theory but its application too in diverse field. (National)

3. The program prepares the young professional for a range of computer applications, computer organization, techniques of computer networking, software engineering, Web Designing, Data mining, Networking and Android App development. (Global)

4. Learn to design a computing system to meet desired needs within realistic constraints such

   as safety, security and applicability in multidisciplinary teams with positive attitude.(Global)

5. Skill to communicate effectively. (National)

1

Course Outcomes
SEMESTER – V

Subject Code: 21J51   (National)

Course Name: Core - Operating System

Upon completion of the course, the students will be able to

To learn the concept to Operating System and its functions, Processes, CPU Scheduling, Process Synchronization, Main Memory, Virtual memory, File System.

Subject Code: 21J52   (National)

Course Name: Core- Software Engineering

Upon completion of the course, the students will be able to

To acquire knowledge about retrieval of data from voluminous data in a desired manner, Understanding Requirements, Design Concepts, Requirements Modeling.

Subject Code: 21J53   (Global)

Course Name: Core- Python Programming

To introduce the basic features of python programming and impart skills in an Industry standard programming language and to create advanced programming features in Python to solve industry standard problems.

Subject Code: 21JE5A   (National)

Course Name: Computer Graphics

Upon completion of the course, the students will be able to

To make students understand about fundamentals of Graphics to enable them to design animated scenes for virtual object creations.

Subject Code: 21JE5B   (National)

Course Name: Compiler Design

Upon completion of the course, the students will be able to

To acquire knowledge about Compilers , Lexical Analysis , Syntax Analysis, Intermediate Code Generation, Code Generation, Code Optimization.

Subject Code: 21J62   (National)

Course Name: Core- Web Technology

Upon completion of the course, the students will be able to

To enable to create their own website in internet, Database: SQL, MySQL, LINQ and Java DB, Cascading Style Sheets.

Subject Code: 21JE6A   (National)

Course Name: Data Mining

Upon completion of the course, the students will be able to

To acquire knowledge about retrieval of data from voluminous data in a desired manner, Association Rules, Decision Trees, Clustering Techniques.

Subject Code: 21JE6B   (Global)

Course Name: Internet of Things

Upon completion of the course, the students will be able to

The Internet is evolving to connect people to physical things and also physical things to other physical things all in real time. It's becoming the Internet of Things (IoT).

Course Outcomes
Outcome Based Education (OBE)
SEMESTER –   I

Subject Code: 22OUCA11   (National)

Course Name: Programming in C

Upon completion of the course, the students will be able to

1. Understand the basic principles of C Programming

2. Apply the control statements to solve the mathematical problems.

 3. Analyze different types of arrays and apply the concepts in Real time applications

4. Studies the concept of functions, types of functions, Union and Structures.

5. Comprehend the file concept and file creation using C.

Subject Code: 22OUCAID1   (National)

Course Name: Working Principles of Internet

Upon completion of the course, the students will be able to

1. Understand the basics Concepts of Internet.

 2. The students to access the usage of Web browsers.

 3. Analyzes the Concept of internet addressing and Internet protocols.

4. Gain the knowledge of working with E-mail, Websites and Web Pages. 5. To recognize for accessing the usage of Social Networking.

SEMESTER –   II

Subject Code: 22OUCA21   **(National)**

Course Name: Object Oriented Programming with C++

Upon completion of the course, the students will be able to

1. Understand the programming concept to develop applications

2. Apply the control statements and develop programs using different types of functions

3. Apply the concept of Constructor, destructor, Function Overloading and operator overloading.

 4. Understand the Concept of inheritance and pointers

 5. Identify the file, file modes and command line arguments

Subject Code: 22OUCAID2   **(Global)**

Course Name: Web Designing

Upon completion of the course, the students will be able to

1. Insight the students knowledge with basics of HTML.

2. Equip the students to create a web page using Lists.

3. Gain the knowledge of working with Table, Style sheets.

4. Make the students to design a web page using frames and forms.

5. To equip the students with Internet technologies.

SEMESTER –   III

Subject Code: 22OUCA31   **(Global)**

Course Name: Java Programming

Upon completion of the course, the students will be able to

1. Understand the basic concepts of OOPs.

2. Apply the looping statements to solve the mathematical problems.

3. Analyze different types of arrays and apply the concepts in Real time applications

4. Studies the concept of multithread and error.

5. Comprehend the Applet and java Servlet in java

Subject Code: 22OUCA32   **(Global)**

Course Name: Relational Database Management System

Upon completion of the course, the students will be able to

1. Master the basics of SQL and construct queries using SQL

2. Understand the relational database design principles.

 3. Provide data integrity Constraints

 4. Apply the Normal form and Functional Dependencies

5. Analyze the concept of Internet Applications in Database Management System

<div align="center">

SEMESTER –   IV

</div>

Subject Code: 22OUCA41   **(National)**

Course Name: Data Structures and Computer Algorithms

Upon completion of the course, the students will be able to

1. Understand the basic concept to process the data

2. Apply array using linked list, queue and stack concept

3. Apply the concept of Trees and graphs

 4. Understand the Algorithm concept to sort and find the minimum distance

5. Identify the Greedy method and Backtracking

Subject Code: 22OUCA42   **(Global)**

Course Name: Data Communication and Computer Networks

Upon completion of the course, the students will be able to

1. To understand the basic Concepts of Network architecture.

2. To study the data representation and error detection.

3. Access the concept of Wide area networks.

 4. Understand the Concept of integrated services.

5. Identify the Network applications and security.

DEPARTMENT OF COMMERCE(CA) U.G.

DEPARTMENT OF COMMERCE WITH CA

Programme Code: D   **Programme Name: B.Com (Computer Applications)**

Programme Outcomes

1. Complete Professional Courses like CA, CS, CMA, MBA, M.Com, CPA and ACCA Successfully.

2. Become Chartered Accountant, Chief Internal Auditor, Chief Accountant, Legal Advisor, Managers and Sales representatives in multinational companies.

3. Acquire skill to select teaching and research as a Profession.

4. Became successful and socially responsible women entrepreneurs with creative ideas.

5. To gain knowledge that helps to face various competitive examination.

Programme Specific Outcomes

On completion of B.Com (CA) Programme, the students would be able to

1. To become experts in accounting methodology and enhance professionalism through innovative practices, to be tactful in facing unforeseen demands and changes in situational roles in industry and academics.

2. To gain through subject knowledge from practical experiences, industrial learning and internship.

3. To develop entrepreneurial skills, groups activities, spirit of coordination shaping up their professionalism.

4. To adopt innovative opportunities, latest technologies that helps to develop new business.

5. To enhance informative and expressive computer knowledge that helps them to face various competitive examination.

Course Outcomes

Subject Code: 21C51   (National)

Course Name: Corporate Accounting

Upon completion of the course, the students will be able to

1. To understand the accounting system used in joint stock companies.

2. To train the students in the preparation of Company Accounts.

Subject Code: 21C53   (National)

Course Name: Income Tax –I

Upon completion of the course, the students will be able to

1. To learn the computation of income under various heads.

2. To acquaint the students about the Residential status of Assessee

Subject Code: 21CE5A   (National)

Course Name: Management Accounting

Upon completion of the course, the students will be able to

1. To help the students to know the evolution of management Accounting.

2. To understand the principles and practice of management Accounting.

Subject Code: 21CE5B   (Global)

Course Name: Human Resource Management

Upon completion of the course, the students will be able to

1. To learn the principles and practices of Human Resource Management.

2. To enhance the knowledge of students in the applications of Human Resource functions.

Subject Code: 21DE5C   (National)

Course Name: Database Management System

Upon completion of the course, the students will be able to

1. To understand the basis of databases and database structure

2. To develop data models and relational database management system.

Subject Code: 21DE5D   (National)

Course Name: Introduction to Computer Network

Upon completion of the course, the students will be able to

1. To learn the general principles of data communication.

2. Understand the architectural principles of computer networking and compare different approaches to organizing networks.

Subject Code: 21SEC51   (Global)

Course Name: General Knowledge

Upon completion of the course, the students will be able to

1. To enhance the skills of students in General Knowledge.

2. To help the students to know about the current affairs

Subject Code: 21C61   (National)

Course Name: Special Accounts

Upon completion of the course, the students will be able to

1. To Train the student in the presentation of Banking, insurance Company Accounts.

2. To understand the legal provision of Holding companies and subsidiary companies.

Subject Code: 21PRC6   (National)

Course Name: PROJECT

Upon completion of the course, the students will be able to

 1. To facilitate the students to undertake project work.

 2. To help the students to acquire expertise in programming languages.

Course Outcomes
Outcome Based Education (OBE)
SEMESTER – I

Subject Code: 22OU1COM1   **(National)**

 Course Name: Business Correspondence

Upon completion of the course, the students will be able to

  1. To enable the students to understand the Essential Parts of a Business Letter.

  2. To identify the Contents of an order letter.

  3. To help the students gain practical applications in the Procedure for Export and Import.

  4. To make the learners aware of the Letters from the Customers to the Banker.

  5. To create awareness on the Report writing and electronic communication.

Subject Code: 22OUCCA1P   **(National)**

 Course Name: M.S. Office Practical

Upon completion of the course, the students will be able to

  1. To enable the students in crafting professional word documents, excel spread sheets, power point presentations using the Microsoft office.

  2. To familiarize the students in preparation of documents and presentations with office automation tools.

  3. To understand and perform documentation.

   4. To perform spreadsheet and report.

  5. To practice the students to prepare power point presentation.

Subject Code: 22OUCOM12   **(National)**

Course Name: Financial Accounting – I

Upon completion of the course, the students will be able to

  1. To enable the students to understand the Concepts of Final Accounts

  2. To Identify the Errors of omission, Principle and Commission

   3. To Help the students gain practical knowledge in final accounts of Non-Profit Organization

  4. To make the learners to understand various depreciation Methods.

  5. To create awareness on Recording Bill Transaction in Journal & Bill sent for collection

Subject Code: 22OUCOMGECO1 (National)

Course Name: Computer Fundamentals

Upon completion of the course, the students will be able to

1. To give basic knowledge about parts of computers and their functions.

2. To Identify and Solve the Number System.

3. To Populate and Evaluate the Type of Memory and Storage Devices.

4. To Understand and effectively explain Input Devices and Output Devices.

5. To Understand and basic concept of Network and Topology

Subject Code: 22OUCCAID1 (Global)

Course Name: Operating System Concept

Upon completion of the course, the students will be able to

1. To understand the services provided by and the design of an operating system.

2. To understand the structure and organization of the file system.

3. To learn about the Input/output and Memory Management system.

4. To understand what a process is and how processes are synchronized and scheduled.

5. To understand different approaches to memory management.

SEMESTER – II

Subject Code: 22OU1COM2 (National)

Course Name: Principles of Management

Upon completion of the course, the students will be able to

1. To enable the students to understand the Concepts of Principles of Management

2. To help the students to know the evolution of management thought.

3. To understand the principles and practice of business management.

4. To make the learners aware of the theories of Motivation.

5. To create awareness on channel of communication and techniques of controlling.

Subject Code: 22OUCCA2P (National)

Course Name: Programming in C Lab

Upon completion of the course, the students will be able to

1. To study about basic Programming Language.

2. To understand the concept of Arithmetic operation.

3. To study about programming concept like Looping, Branching and Array.

4. To help the students to understand the File Concept.

5. To Practice the students to write C Programs of their own

Subject Code: 22OUCOM22   **(National)**

Course Name: Financial Accounting – II

Upon completion of the course, the students will be able to

1. To enable the students to understand the Distinction between Sale and Consignment.

2. To identify the Recording in joint venture.

3. To Help the students gain practical knowledge in Single Entry System.

4. To make the learners aware of Cost price Method & Invoice Method.

5. To create awareness on Methods of Calculation of Interest.

Subject Code: 22OUCCAGECA2   **(National)**

Course Name: Programming in C

Upon completion of the course, the students will be able to

1. Understand the Fundamental concept of C Structure, declaration of Constants and Variables.

2. Populate and Evaluate the Type of Operators and Arithmetic Operation of C Program.

3. Declare and Enforce Decision Making and Branching Statements in C Program.

4. Understand and effectively explain about the Dimensional Arrays, Dynamic Arrays and String Variable.

5. Understand and Define the Structure and Union of C Program

Subject Code: 22OUCCAID2   **(National)**

Course Name: E-Commerce

Upon completion of the course, the students will be able to

1. To Understand the Overview of E-Commerce.

2. To Learn about the Advantages and Disadvantages of E-Commerce.

3. To understand the concept of Commerce Business Model.

4. Understand and effectively explain about the Commerce Payment System.

5. Understand and Define the EDI Documents.

<p style="text-align:center">SEMESTER –   III</p>

Subject Code: 22OUCCA31   **(National)**

Course Name: Visual Basic

Upon completion of the course, the students will be able to

1. Understand the benefits of using Microsoft Visual Basic 6.0 for Windows as an application tool.

2. Understand the Visual Basic event-driven programming concepts, terminology, and available tools.

3. Learn the fundamentals of designing, implementing, and distributing a Visual Basic application.

4. Learn to use the Visual Basic toolbox, modify object properties & object methods.

5. Design a complete program using visual programming concepts.

Subject Code: 22OUCCA3P   **(National)**

Course Name: Visual Basic Lab

Upon completion of the course, the students will be able to

1. To understand the benefits of using Microsoft Visual Basic 6.0 for Windows as an application tool.

 2. To understand the Visual Basic event-driven programming concepts, terminology, and available tools.

3. To learn the fundamentals of designing, implementing, and distributing a Visual Basic application.

 4. To learn Visual Basic toolbox, modify object properties & object methods.

5. To design a complete program using visual programming concepts.

Subject Code: 22OUCCA32   **(National)**

Course Name: Financial Accounting-III

Upon completion of the course, the students will be able to

1. To enable the students to understand the Fire Insurance claims

2. To Identify the Royalty Accounts of accounting treatment

3. To Help the students gain practical knowledge in Insolvency Accounts

4. To make the learners to understand various installments purchase system

5. To Create awareness on Contract Accounts

Subject Code: 22OUCCA33 **(Global)**

Course Name: Costing

Upon completion of the course, the students will be able to

1. To understand the various concepts and methods of costing.

2. To enable the students to compute the cost of products, cost of jobs and process

3. Help the students Computation Calculation of Simple Average Price method

4. Make the learners aware of System of wage payment

5. To Measurement of Solving a Machine hour rate method

Subject Code: 22OUCCAGECA3 **(National)**

Course Name: GEC - III Business Statistics

Upon completion of the course, the students will be able to

1. To understand various statistical tools used in business.

2. To equip the students with the application of statistical tools in the analysis of data for decision making.

3. To be able to calculate measures of central tendency, measures of dispersion

4. To gain working knowledge on correlation and regression

5. To acquire skills towards solving problems in Index and time series analysis

Subject Code: 22OUCCASE3P **(National)**

Course Name: SEC: Commerce Practical

Upon completion of the course, the students will be able to

1. To acquire practical knowledge in the use of various forms used in GST, banking& Insurance sectors.

2. To train the students in drafting of advertisement copy and preparation ofproject report for entrepreneurship.

Subject Code: 22OUCCA41   **(National)**

Course Name: Web Technology

Upon completion of the course, the students will be able to

1. To comprehend the basics of the internet and web terminologies.

2. To be familiar with HTML & DHTML.

3. To introduce scripting language concepts for developing client-side applications.

4. To practice server-side programming features – XML & DTD

5. To know the usefulness of ASP.

Subject Code: 22OUCCA4P   **(National)**

Course Name: Tally Practical

Upon completion of the course, the students will be able to

1. To develop an understanding of the Tally

2. To teach students stock maintenance through tally.

3. To make students to create order processing

4. To identify the appropriate features of tally.

Subject Code: 22OUCCA42   **(Global)**

Course Name: Banking

Upon completion of the course, the students will be able to

1. To enable the students to understand the relationship between a banker and customers.

2. To identify the different types of Negotiable Instruments.

3. To determine the duties and statutory protection to a paying bankers.

4. To make the learners aware of the principles of and types of lending.

5. To apply the resent trends in banking system.

Subject Code: 22OUCCA43   **(National)**

Course Name: Partnership Accounts

Upon completion of the course, the students will be able to

1. Enable the students to understand the fixed and fluctuating capital

2. To identify the Accounting standards

3. Enable the student treatment of goodwill

4. Make the learners aware of Garner versus Murray rules

5. To create awareness on the piece meal distribution

Subject Code: 22OUCCAGECA4   **(National)**

Course Name: GEC -IV Business Mathematics

Upon completion of the course, the students will be able to

1. To learn important mathematical concepts and tools

2. To acquire the mathematical skills and its application in business.

3. To examine the appropriate method for calculation of Interest.

4. To Compute small / micro differences using differential calculus.

5. To Solve problems in matrices

Subject Code: 22OUCCASE4   **(National)**

Course Name: SEC: Financial Markets & Services

Upon completion of the course, the students will be able to

1. To help the students to learn the various constituents of financial markets and their services.

2. To learn about the operations of Securities market.

Subject Code: 22OUCCASE4P   **(National)**

Course Name: SEC: Desktop Publishing Practical

Upon completion of the course, the students will be able to

1. To learn how to design various publications such as banner, brochure, viz.cards, books and book covers, booklets using Photoshop.

2. To apply various filter and color correction using Photoshop.

3. To understand the basic Page Maker tools.

4. To create Pamphlets, Bill books, Viz cards, Greeting card using Page Maker.

5. To know the basic knowledge of CorelDraw.

DEPARTMENT

OF

CHEMISTRY

U.G.

DEPARTMENT OF CHEMISTRY

Programme code: K   **Programme Name: B.Sc., Chemistry**

Programme Outcomes

1. Students aid strong knowledge in fundamentals and applications of organic, inorganic, physical, analytical chemistry and also in inter-disciplinary subjects such as Green, Nano, Environmental, Forensic, Pharmaceutical chemistry etc.,

2. After the completion of the degree, they will be able to work in various fields such as

   Cement industry, petrochemical industry, rubber industry, fertilizer industry, paint industry, food safety, research laboratory, pharma companies, schools, public sectors etc.

3. Students appreciate the great role of chemistry in day-to-day life.

4. Understands the safe handling of chemicals, environmental issues and key issues that faces society through energy, health and medicine.

5. Motivate them to involve in research and tackle the new challenges.

Program Specific Outcomes

On completion of B.Sc Chemistry Programme, the Students would be able to:

1. Explain nomenclature, stereochemistry, structures, reactivity, and mechanism of the chemical reactions.

2. Perform scientific experiments skillfully by application of procedural knowledge.

3. Enhance the ideas about research in chemistry and develop knowledge of significance in scientific concepts which find applications in industry, medicine and modern research.

4. Gain the knowledge of Chemistry through theory and practical.

5. Identify chemical formulae and solve numerical problems.

6. Understand good laboratory practices and safety.

7. Make aware and handle the sophisticated instruments/equipments.

Course Outcomes
SEMESTER – V

Subject Code: 21K51   (National)

Course Name: Organic Chemistry

Upon completion of the course, the students will be able to

1. To acquire knowledge related to aromatic substitution

2. To learn the aromatic aldehydes, ketones and carboxylic acids

3. To understand organic nitrogen compounds,

4. To know the concept of heterocyclic compounds

5. To study the carbohydrates

Subject Code: 21K52   (National)

Course Name: Core-Physical Chemistry-I

Upon completion of the course, the students will be able to

1. To acquire knowledge about first law of thermodynamics and its applications.

2. To understand second law of thermodynamics, entropy and free energy.

3. To gain knowledge about phase rule and solutions.

4. To understand colligative properties.

5. To learn the fundamentals of group theory and its applications.

Subject Code: 21KE5A   (Global)

Course Name: Inorganic and Analytical Chemistry

Upon completion of the course, the students will be able to

1. To acquire knowledge about Halogen compounds

2. To understand the fundamental concepts of transition elements

3. To learn about lanthanides and actinides

4. To study the non-aqueous solvents and inorganic polymers

5. To understand the data analysis and thermoanalytical methods

1

Subject Code: 21KE5B   **(National)**

Course Name: Chemistry of Materials

 Upon completion of the course, the students will be able to

 1. To understand about structures of solids.

 2. To study about preparative method and characterization.

 3. To learn the electrical and optical properties.

 4. To gain knowledge about magnetic properties.

 5. To study the special materials.

Subject Code: 21SEK51   **(Global)**

Course Name: Chemistry of Bio-molecules

 Upon completion of the course, the students will be able to

 1. To understand the classification of amino acids and proteins.

 2. To provide the knowledge about the structure and function of DNA & RNA.

 3. To identify different types of vitamins and harmones.

 4. To gain knowledge about enzyme mechanism and applications of enzymes.

 5. To gain knowledge about oils.

Subject Code: 21K61   **(National)**

Course Name: Core-Organic Chemistry and Spectroscopy

 Upon completion of the course, the students will be able to

 1. To enable the students undertake the knowledge of active methylene compounds, dyes and chromatography.

 2. To acquire an in-depth knowledge related to alicyclic compounds,

 3. To provide knowledge on molecular rearrangement, tautomerism and their mechanisms.

 4. To understand the chemistry and applications of biologically important compounds such as alkaloids and terpenoids.

 5. To understand the application of spectroscopy in UV, IR and NMR.

Subject Code: 21K62   **(National)**

Course Name: Core-Physical Chemistry-II

Upon completion of the course, the students will be able to

1. To learn the basic concepts in electrochemistry.

2. To understand electrodes functions and applications of emf measurements

3. To study the laws of photochemistry.

4. To learn the basic concepts in quantum theory.

5. To acquire the knowledge in rotational, vibrational, IR, Raman spectroscopy.

Subject Code: 21KE6A   **(National)**

Course Name: Inorganic and Applications of Computer in Chemistry

Upon completion of the course, the students will be able to

1. To learn the fundamentals in coordination compounds and chelates.

2. To understand VBT, CFT and molecular orbital theory.

3. To study metal carbonyls, metal nitrosyls and bioinorganic chemistry.

4. To learn the basics of C-language and its applications in chemistry.

5. To acquire the knowledge in representation and manipulation of 2D, 3D molecular structure using cheminformatics.

Subject Code: 21KE6B   **(Global)**

Course Name: Diffraction Methods and Applications

Upon completion of the course, the students will be able to

1. To learn the Diffraction phenomenon, crystallography.

2. To understand particle structure determination and unit cell, space cell.

3. To study structure analysis and semiconductors.

4. To acquire the knowledge in applications of X-ray diffraction.

5. To learn about neutron diffraction and electron diffraction.

Subject Code: 21SEK61   **(National)**

Course Name: Green and Nano Chemistry

Upon completion of the course, the students will be able to

1. To learn the need for green chemistry and the concept of atom economy.

2. To gain knowledge in various types of green solvents, concepts in designing a green synthesis.

3. To study microwave, ultrasound assisted reactions in green chemistry.

4. To understand the origin of nanotechnology, synthesis of nanomaterials.

5. To study the applications of nanomaterials in nanomedicine.

Subject Code: 21AKN5   **(National)**

Course Name: General Chemistry-III

Upon completion of the course, the students will be able to

1. To get an insight into the Nature of Chemical bonding

2. To understand the basic concept of Oxidation and Reduction, Acids & Bases

3. To acquire knowledge on Halogen compounds

4. To learn the Chemistry of Polymers

5. To understand the Ionic equilibrium and the Hydrolysis of salts

Subject Code: 21AKP5   **(National)**

Course Name: Inorganic, physical and medicinal Chemistry

Upon completion of the course, the students will be able to

1. To gain and understand different types of elements presents in periodic tables.

2. To understand different types of bonds formed by the atoms.

3. To learn about classification, preparation, properties of colloidal.

4. To gain knowledge of catalysis and adsorption

5. To enrich the knowledge in medicinal Chemistry.

Subject Code: 21AKN6   **(National)**

Course Name: General Chemistry-IV

Upon completion of the course, the students will be able to

1. To understand the terminology and theories of Double Salts, Alums and Coordination compounds.

2. To learn the chemistry of some Natural products – Alkaloids and Terpenoids.

3. To learn the preparation and uses of some important Organic Compounds and Industrial Organic Compounds.

4. To acquire knowledge on Chemotherapy.

5. To become familiar with Fertilizers, Insecticides, Pesticides and Fungicides.

Subject Code: 21AKP6   **(National)**

Course Name: Analytical and Inorganic Chemistry

Upon completion of the course, the students will be able to

1. To acquire knowledge and understanding of volumetric method of analysis.
2. To provide a basic knowledge and understanding of essential chemical and physical principles for analytical chemistry.
3. To gain the knowledge of metals, ores- occurrence and extraction process.
4. To develop an understanding concept of stability of nucleus, radioactive law and different types of particles &its applications. 5. To gain about fundamental concepts of acid base titration and oxidation reduction reactions.

Course Outcomes
Outcome Based Education (OBE)
SEMESTER – I

Subject Code: 22OUCH11   (National)

Course Name: General Chemistry -I

Upon completion of the course, the students will be able to

1. To outline the fundamental concepts of organic chemistry.

2. To gain knowledge about electronic effects, bonding and its influences.

3. To understand about the atomic structure and periodic properties.

4. To compare the hybridization and shapes of simple inorganic molecules based on VB, VSEPR and MO theories.

5. To discuss the gas laws, various types of molecular velocities and explain the behavior of real gas

Subject Code: 22OUCHSE11   (National)

Course Name: Good Laboratory Practices

Upon completion of the course, the students will be able to

1. To outline the fundamental concepts of laboratory practices.
2. To gain knowledge about instrument techniques and laboratory preparation procedure.
3. To learn about gravimetric methods of analysis.
4. To study the purification techniques.
5. To acquire knowledge about principles and techniques of semi-micro methods.

Subject Code: 22OUCHSE1   (National)

Course Name: Pharmaceutical Chemistry

Upon completion of the course, the students will be able to

1. To know the pharmaceutical terms, and find out the symptoms and drugs for chronic diseases.

2. To understand sulpha drugs in antibacterial.

3. To provide the importance of analgesics and its classifications, and study the antipyretic drugs, drugs that influences CNS.

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4. To study anaesthetics and its classifications, and provide the important aspects of cancer antineoplastics, diabetes and blood related factors.

5. To study vitamins and its classifications, physiological functions of harmones and enzymes

Subject Code: 22OUCHID1   **(Global)**

Course Name: Chemistry in Everyday Life

Upon completion of the course, the students will be able to

1. To learn how to make soaps and detergents.

2. To understand importance of vitamins and minerals.

3. To acquire knowledge about cosmetics and plastics.

4. To understand the manufacturing technique for small–scale industrial chemicals.

5. To gain knowledge about plaster of pairs, gum and shoe polish.

SEMESTER – II

Subject Code: 22OUCH21   **(National)**

Course Name: General Chemistry-II

Upon completion of the course, the students will be able to

1. To identify the composition and stability of the nucleus and types of nuclear reactions.

2. To understand the acid base reactions, oxidation number and valency.

3. To know about basic metallurgical processes.

4. To learn the preparation, properties and importance of aliphatic compounds.

5. To study the basic concepts of structure of solids and semiconductors.

Subject Code: 22OUCHSE21   **(Global)**

Course Name: Industrial Chemistry

Upon completion of the course, the students will be able to

1. To gain the knowledge on match industry and explosives.

2. To learn about to manufacturing method of cement and glass.

3. To understand the various types of fertilizers and their uses.

4. To gain knowledge about the preparation and properties of rubber.

5. To acquire knowledge on plastics and paper industry.

Subject Code: 22OUCHSE22   (National)

Course Name: Analytical Clinical biochemistry

Upon completion of the course, the students will be able to

1. To understand biological importance of carbohydrates.

2. To gain knowledge on structures of proteins and mechanism of enzyme action.

3. To give the detailed aspects of functions of lipids, cholesterol, lipoproteins.

4. To discuss the structure of DNA and RNA.

5. To learn the functions of blood and estimate the constituents of pathological urine.

Subject Code: 22OUCHID2   (National)

Course Name: Food Chemistry

Upon completion of the course, the students will be able to

1. To learn about food and water.

2. To understand modern foods and beverages.

3. To acquire knowledge about food additives.

4. To study the food nutrition and balanced diet.

5. To gain knowledge about food adulteration and hygiene.

SEMESTER – III

Subject Code: 22OUCH31   (National)

Course Name: General Chemistry -III

Upon completion of the course, the students will be able to

1. To study the preparation and chemical reactions of organo halogen compounds.

2. To understand the chemistry of s - block elements and its complexes.

3. To understand the characteristics of elements of Group III A and IVA and the Chemistry of Silicones.

4. To provide the detailed chemistry about p-block elements especially Nitrogen and Oxygen family.

5. To understand the nature of colloids.

Subject Code: 22OUCH41   (National)

Course Name: General Chemistry -IV

Upon completion of the course, the students will be able to

1. To know about aromaticity, aromatic electrophilic substitution and synthesis of some important aromatic compounds.

2. To get fundamental concepts on alcohols and phenol compounds.

3. To provide the detailed chemistry about halogen family.

4. To study about catalysis & surface chemistry.

5. To understand the kinetics and theories of reaction rates.

Subject Code: 22OUNDGECH3   (National)

Course Name: Bio Chemistry

Upon completion of the course, the students will be able to

1. To enable the students to understand the fundamental concepts of amino acids and proteins

2. To provide knowledge about vitamins and harmones.

3. To build on their knowledge of genetic information in DNA and RNA and its biological aspects.

4. To gain knowledge the principle of enzymes and factor influencing of enzyme activity.

5. To understand the fats are an essential components of homeostatic function of the human body.

SEMESTER – IV

Subject Code: 22OUNDGECH4   (Global)

Course Name: Environmental and Organic Chemistry

Upon completion of the course, the students will be able to

1. To learn about environmental pollution and causes.

2. To learn waste management and recycling of water.

3. To gain the knowledge about radioactive pollution and anthropogenic sources of radiation.

4. To study about glucose, fructose and sucrose.

5. To provide the knowledge about dyes.

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Subject Code: 22OUPHGECH3   **(National)**

Course Name: Physical Chemistry

Upon completion of the course, the students will be able to

1. To under the basic concept of gaseous state

2. To study the concepts of structure of solids

3. To understand Adsorption and catalysis.

4. To learn about rate, order and theories of reaction rate

5. To acquire knowledge about fundamentals of photochemistry

Subject Code: 22OUPHGECH4   **(National)**

Course Name: Organic and Physical Chemistry

Upon completion of the course, the students will be able to

1. To understand the importance of amino acids and proteins.

2. To get fundamental concept of glucose, fructose and sucrose.

3. To understand the importance of nuclear chemistry.

4. To gain knowledge of electrochemistry.

5. To understand the nature of colloids.

DEPARTMENT
OF
COMMERCE(PA)
U.G

DEPARTMENT OF COMMERCE

Programme Code: R   **Programme Name: B.Com (PA).**

Programme Outcomes

1. Complete Professional Courses like CA, CS, CMA, MBA, M.Com, CPA and ACCA Successfully.

2. Become Chartered Accountant, Chief Internal Auditor, Chief Accountant, Legal Advisor, Managers and Sales representatives in multinational companies.

3. Acquire skill to select teaching and research as a Profession.

4. Became successful and socially responsible women entrepreneurs with creative ideas.

5. To gain knowledge that helps to face various competitive examination.

Programme Specific Outcomes

On completion of B.Com. Commerce Programme, the students would be able to

1. To become experts in accounting methodology and enhance professionalism through innovative practices, to be tactful in facing unforeseen demands and changes in situational roles in industry and academics.

2. To gain through subject knowledge from practical experiences, industrial learning and internship.

3. To develop entrepreneurial skills, groups activities, spirit of coordination shaping up their

   Professionalism.

4. To adopt innovative opportunities, latest technologies that helps to develop new business.

5. To enhance informative, and expressive computer knowledge that helps them to face the competitive examinations.

Course Outcomes
SEMESTER – V

Subject Code: 21R51   (National)

Course Name: Corporate Accounting

 Upon completion of the course, the students will be able to

 1. To understand the accounting system used in joint stock companies.

 2. To train the students in the preparation of Company Accounts

Subject Code: 21R52   (National)

Course Name: Business Law

1. To know the nature and objectives of Mercantile law and the essentials of valid contract
2. To gai n knowledge on performance contracts, Bailment and Sale of Goods

 Upon completion of the course, the students will be able to

Subject Code: 21R53   (National)

Course Name: Income Tax -I

 Upon completion of the course, the students will be able to

 1. To learn the computation of income under various heads.

 2. To acquaint the students about the Residential status of Assessee.

Subject Code: 21R54   (National)

Course Name: Financial Markets and Services

Upon completion of the course, the students will be able to

1. To help the students to learn the various constituents of Financial marketsand their services.

2. To learn about the operations of Securities market.

Subject Code: 21RE5A   (National)

Course Name: Management Accounting

 Upon completion of the course, the students will be able to

 1. To help the students to know the evolution of management Accounting.

 2. To understand the principles and practice of management Accounting.

Subject Code: 21RE5B **(National)**

Course Name: Human Resource Management

Upon completion of the course, the students will be able to

1. To learn the principles and practices of Human Resource Management.

2. To enhance the knowledge of students in the applications of Human Resource functions.

SEMESTER – VI

Subject Code: 21R62 **(National)**

Course Name: Business Environment and Ethics

Upon completion of the course, the students will be able to

1. To understand the environmental factors affecting business. 2. To familiarize the students with the dimensions of business environment and their implications on business.

Subject Code: 21R63 **(National)**

Course Name: Income Tax - II

Upon completion of the course, the students will be able to

1. To acquire knowledge on assessment of tax.

2. To help the students to know about the Income tax authorities and procedures for assessment.

Subject Code: 22OUCHSE11 **(National)**

Course Name: Entrepreneurship Development

Upon completion of the course, the students will be able to

1. To understand the importance of entrepreneurship and Support in the promotion of entrepreneurship.

2. To encourage the students to become Women Entrepreneurs.

Subject Code: 21RE6A **(National)**

Course Name: Financial Management

Upon completion of the course, the students will be able to

1. To understand the various tools and techniques of Financial Management

2. To help the students in financial decision making.

Subject Code: 21RE6B   (National)

Course Name: Services Marketing

Upon completion of the course, the students will be able to

1. To understand the concept, principles and practice of services marketing

2. To help the students to know about the services marketing mix and various sectors in service industry.

Course Outcomes
Outcome Based Education (OBE)
SEMESTER – I

Subject Code: 22OU1CPA1   (National)

Course Name: Modern Business Correspondence and Office Management

Upon completion of the course, the students will be able to
1. Enable the students to understand the Essential Parts of a Business Letter.
2. To identify the Contents of an order letter.
3. Help the students gain practical applications in the Procedure for Export and Import.
4. Make the learners aware of the Letters from the Customers to the Banker. 5. To create awareness on the Report writing and electronic communication.

Subject Code: 22OUCPA11   (National)

Course Name: Business Statistics

Upon completion of the course, the students will be able to
1. To enable the students to understand the Concepts of business statistics
 2. To identify Dispersion and Variability.
3. To help the students Computation of Correlation Co-efficient from Regression Coefficient.
4. To make the learners aware of Theory of probability
5. To measurement of Time Series and Index Numbers

Subject Code: 22OUCPA12 (National)

Course Name: Financial Accounting - I

Upon completion of the course, the students will be able to
1. To enable the students to understand the Concepts of Accounting, Journal, Ledger, Cash Book and Trial Balance.
2. To help the students to gain practical knowledge in final accounts of Sole Trading Concern
3. To understand the Bank Reconciliation Statement and the concept of Rectification of Errors.
4. To Help the students gain practical knowledge in final accounts of Non-Profit Organization
5. To make the learners aware of Depreciation and Recording Bill Transactions.

Subject Code: 22OUCPAGEPA1 (National)

Course Name: Business Economics

Upon completion of the course, the students will be able to
1. To enable the students to understand the Concepts of Business Economics
2. To identify the Business Economics Elasticity of Demand and Factors affecting Elasticity of Demand.
3. To help the students gain Demand Forecasting: Meaning knowledge in Factors Involved, Methods of Forecasting, Established Product and New product.
4. To make the learners aware of Price Analysis, Methods of pricing, Differential pricing and Product line pricing.
5. To create awareness on Profit Planning and Control

Subject Code: 22OUCPAID1 (National)

Course Name: Human Resource Management

Upon completion of the course, the students will be able to
1. To understand the Nature and Scope of Human Resource Management
2. To understand the Methods of Training
3. To explain how Purpose and Use of Performance Appraisal
4. To understand what a process is and how processes are Essentials of a successful trade union.
5. To understand different approaches to Human Resource Management Research and Audit.

Subject Code: 22OU1CPA2   (National)

Course Name: Principles of Management

Upon completion of the course, the students will be able to
1. To make the students to understand the Concepts of Principles of Management
2. To help the students to know the evolution of management thought.
3. To understand the principles and practice of business management.
4. To make the learners aware of the theories of Motivation -X Theory, Y Theory and Z Theory.
5. To create awareness on channel of communication and techniques of controlling.

Subject Code: 22OUCPA21   (National)

Course Name: Financial Accounting - II

Upon completion of the course, the students will be able to
1. To enable the students to understand accounts for consignment
2. To identify the Accounting for joint ventures
3. To help the students to understand the concept of single entry system
4. To understand the concept of Lease Accounting
5. To make the learners aware of Branch and Department Accounts

Subject Code: 22OUCPA22   (National)

Course Name: Marketing

Upon completion of the course, the students will be able to
1. To enable the students to understand the level of Marketing and marketing functions.
2. To identify the product and pricing with the help of product life cycle and kinds of pricing
3. To help the students to understand the standardization, grading warehouse and storages of products.
4 To make the learners to know the promotion and physical distribution of marketing.
5. To create awareness on the recent trends in marketing.

Subject Code: 22OUCPAGEPA2   (National)

Course Name: Business Mathematics

Upon completion of the course, the students will be able to
1.   To build the students to understand the Concepts of business Mathematics
2.   To identify Laws of logarithms and Change of base Formula.
3.   To help the students Compute Calculation period for banker's discount.

4. To make the learners aware of Differential calculus
5. To measurement of solving a system of linear equation using matrix inversion.

SEMESTER –   III

Subject Code: 22OUCPA31   **(National)**

Course Name: Auditing and Assurance

Upon completion of the course, the students will be able to

1. Help the students to develop auditing work.

2. Enable the students of understand the detection and prevention of errors and Frauds in the books of accounts.

3. To impart the knowledge of auditing principles and procedures.

4. To understand the nature of present day auditing in India.

5. To learn the meaning and importance of developments in the practices of Auditing in India.

1. To understand the objectives and Features of advertising

Subject Code: 22OUCPA32   **(National)**

Course Name: Financial Accounting III

Upon completion of the course, the students will be able to
1. To understand the Royalty Accounts.
2. To develop the skill of students on various kinds of Hire purchase and Installment system
3. Help the students gain practical applications in the Insolvency accounts
4. Make the learners aware of Contract Accounts
5. To create awareness on Insurance claims and also Accounting Standards

Subject Code: 22OUCPA33   **(National)**

Course Name: Banking

Upon completion of the course, the students will be able to
1. To enable the students to understand the Concepts of Banking
2. To learn the process and working of Indian banking System.
3. To train the students about the Procedures and systems followed in banking sector.
4. To make the learners aware of the Kinds of crossing-General Crossing, Special, Not Negotiable, A/c Payee, Double Crossing.
5. To create awareness on Traditional banking and E- Banking.

1

Subject Code: 22OUCPA34 (National)

Course Name: Goods and Services Tax

Upon completion of the course, the students will be able to
1. To enable the students to understand the Classification of Taxes
2. To identify the different types of GST
3. To Determine Taxable supply of goods/services under GST Act
4. To make the learners aware of the procedure in registration
5. To create awareness on the eligibility and conditions in GST

Subject Code: 22OUCPAG EPA3 (National)

Course Name: GEC-III Security Analysis and Portfolio Management

Upon completion of the course, the students will be able to
1. The main objectives of paper is to explain the investment decision making and investment process.
2. To provide conceptual insights into the valuation of securities.
3. To analyze the students with the stock markets need and process of portfolio selection.
4. To learn the theories of portfolio management and also the tools and techniques for efficient portfolio management.

Subject Code: 22OUCPASE3P (National)

Course Name: SEC-Commerce Practical

Upon completion of the course, the students will be able to
1. To acquire practical knowledge in the use of various forms used in GST, banking &Insurance sectors.
2. To train the students in drafting of advertisement copy and preparation of project report for entrepreneurship.

Subject Code: 22OUCPA41 (National)

Course Name: Principles of Insurance

Upon completion of the course, the students will be able to
1. To understand the conceptual framework of insurance.
2. To familiarize the students to determine the Life insurance policy and their procedures.
3. To provide the subject matters of Marine insurance.
4. To analyze the procedures for Fire insurance and Rate fixing of Fire insurance.
5. To understand the Concept of Insurance Regulatory and Development Authority of India (IRDA)

Subject Code: 22OUCPA42 (National)

Course Name: Partnership Accounting

Upon completion of the course, the students will be able to
1. To enable the students to understand the fixed and fluctuating capital
2. To identify the Accounting standards
3. To enable the students treatment of goodwill
4. To make the learners aware of Garner versus Murray rules
5. To create awareness on the piece meal distribution

Subject Code: 22OUCPA43 (National)

Course Name: Costing

Upon completion of the course, the students will be able to
1. To understand the concepts and methods of costing in relations to manufacturing environment
2. To familiarize the tools of Cost Accounting.
3. To formulate the various methods of allocation and apportionment of cost.
4. To enable the students to analyze the cost of both the process and operations.
5. To make them understand the usage of cost information in decision-making.

Subject Code: 22OUCPA44 (National)

Course Name: Auditing Practices

Upon completion of the course, the students will be able to
1. To enable the students to understand the Concepts of Auditing practices
2. To learn the process and working of auditors.
3. To train the students about the Procedures and systems followed in auditing practices.
4. Make the learners aware of the different types of audit
5. To create awareness on the liabilities of an auditor.

Subject Code: 22OUCPAGEPA4 (National)

Course Name: GEC-IV Strategic Management

Upon completion of the course, the students will be able to
1. Enable the students to understand the basic Concepts of business and the strategies.
2. Apply the various strategies their business and guide other entrepreneurs.
3. To train the students about the decision making abilities and strategies to be followed in Work life.
4. Assist employers to create and develop new strategies.

2

Course Name: SEC-Practical on Filing of Internship Report

Upon completion of the course, the students will be able to

1. To understand the method of Income and ITR.
2. To familiarize the method of GST.
3. To create the awareness about of filing form of different type of TDS.
4. To analyze the Bank loan statement of business people.
5. To analyze the final account preparation, income & expenditure statement, balance sheet.

DEPARTMENT OF

MATHEMATICS

P.G.

DEPARTMENT OF MATHEMATICS

Outcome Based Education (OBE)

Programme Code: OPM   **Programme Name: M.Sc. Mathematics**

Programme Outcomes

1. After completing 2 years of M.Sc., program, students obtain knowledge in pure and allied Mathematics.

2. The Mathematical curriculum offers number of practical exposures which equips the students to face the modern challenges in Mathematics.

3. The PG students after the completion of the course will gain knowledge in preparing themselves for CSIR-NET / SET examination.

Programme Specific Outcomes

1. Students enable to apply the concept of statistics, Operation Research and Numerical Analysis in real life problems.

2. Number theory, Fuzzy sets and Fuzzy logic enable the students to face the real time applications.

3. To assimilate complex mathematical idea and arguments.

4. To improve own learning and performance

Course Outcomes
Outcome Based Education (OBE)
SEMESTER – I

Subject Code: 22OPMA11   (National)

Course Name: Abstract Algebra

Upon completion of the course, the students will be able to

1. To develop working knowledge of group and ring theory and skill for applying to construct certain field.

2. To acquire knowledge of polynomial Rings

3. To learn deep concepts in algebra such as splitting field, normal and separable extensions.

4. To understand Galois Theory

5. To know about solvability by radicals

Subject Code: 22OPMA12   (Global)

Course Name: Real Analysis

Upon completion of the course, the students will be able to

1. To introduce the fundamental of Mathematical Analysis

2. To understand the concepts of continuity, differentiability and integrality.

3. To study the new concept of Riemann Stieljes integral

4. Apply the techniques of Power series.

5. To know about the primitive mapping

Subject Code: 22OPMA13   (National)

Course Name: Differential Equations

Upon completion of the course, the students will be able to

1. Develop strong background on finding solutions to linear differential equations with variable coefficients and also with singular points.

2. Study the existence and uniqueness of the solutions of first order differential equations.

3. Finding various solutions to first order linear and nonlinear Partial Differential equations (PDE's).

4. To solve the nonlinear Partial Differential Equations by Charpit's Method and Jacobi's Method

5. To learn Euler Method.

Subject Code: 22OPMA14 (National)

Course Name: Differential Geometry

Upon completion of the course, the students will be able to

1. To impart knowledge of curves on surfaces, curvature and torsion.

2. To develop the concept of metric spaces and orthogonal trajectories.

3. To demonstrate the construction of new surface Geodesic.

4. To know the concept of second fundamental form and its principal curvature

5. To analyze the structure of developable and minimal surface

Subject Code: 22OPMADSE1A (Global)

Course Name: Number Theory and Cryptography

Upon completion of the course, the students will be able to

1. To know about fundamental algorithms for integer arithmetic and greatest common divisor calculation.

2. To find modular arithmetic and other number theoretic computations.

3. To derive algorithms and linear congruence

4. To Analyze Quadratic Residues and Diophantine equation

5. To explore applications of number theory in cryptography.

Subject Code: 22OPMADSE1B (National)

Course Name: Fluid Dynamics

Upon completion of the course, the students will be able to

1. To develop an application for properties of Newtonian Fluid.

2. To Study analytical solution to variety of simplified problems.

3. To understand the dynamics of fluid flows and governing the non-dimensional parameters.

4. To give fundamental knowledge of fluid, its properties and behavior under various conditions of internal and external flows.

5. To describe the principles of motion for fluids.

Subject Code: 22OPMAID1 (National)

Course Name: Teaching& Research Aptitude Paper - I

Upon completion of the course, the students will be able to

1. To enhance the problem solving skills.

2. To improve the basic mathematical skills

3. To help to clear the students who are preparing for any type of competitive exams

4. To identify number in logical reasoning

5. To apply the number in related test

SEMESTER – II

Subject Code: 22OPMA21   (National)

Course Name: LINEAR ALGEBRA

Upon completion of the course, the students will be able to

1. To familiarize with linear system and matrices

2. To understand the concepts of polynomials, Determinants and their properties

3. To learn, how linear algebra in ubiquitous in Mathematics

4. To acquire idea to know linear transformation and its algebra

5. To impact the knowledge of rational forms and Jordon forms

Subject Code: 22OPMA22   (Global)

Course Name: Measure and Integration

Upon completion of the course, the students will be able to

1. To familiarize with the Measurable sets and Measurable Functions

2. To understand the concepts of Abstract Measure Space and LP Space

3. To acquire idea to know functions of several variables

4. To obtain the knowledge of the lebesgue measure and integral

5. To know the Radon – Nikodym theorem

Subject Code: 22OPMA23   (National)

Course Name: Graph Theory with Applications

Upon completion of the course, the students will be able to

1. To enable the students to apply Graph Theoretical Techniques in Applications.

2. To demonstrate knowledge of Connectivity.

3. To study relationship between Euler Tours and Hamilton Cycles.

4. To make familiarity with Directed Graphs.

5. To assist the students to explore social network analysis software.

Subject Code: 22OPMA24   (National)

Course Name: Advanced Statistics-I

Upon completion of the course, the students will be able to

1. To enable the students to apply Statistical Techniques in decision making.
2. 2. To demonstrate knowledge of probability and distributions.
3. 3. To study relationship between some special distributions.
4. 4. To make familiarity with statistical methods the business and academic environment.
5. 5. To assist the students to conduct a Statistical investigation.

Subject Code: 22OPMADSE2A   **(Global)**

Course Name: Fuzzy Sets and Logic

Upon completion of the course, the students will be able to

1. To understand fundamental of fuzzy set.

2. To learn fuzzy set, Arithmetic operation on fuzzy set.

3. To understand fuzzy notation

4. To know about fuzzy relation.

5. To apply fuzzy logic in real world problem.

Subject Code: 22OPMADSE2B   **(National)**

Course Name: Automata Theory& Formal Languages

Upon completion of the course, the students will be able to

1. To identify different formal language classes and their notation strips.

2. To design grammars and recognizes for different formal languages.

3. To prove or disperse theories in automata theory using its properties

4. To understand the regular expression in UNIX.

5. To acquire the idea about regular languages and Pumping Lemma

Subject Code: 22OPMAID2   **(National)**

Course Name: TEACHING & RESEARCH APTITUDE PAPER - II

Upon completion of the course, the students will be able to

1. To enhance the employability skill.

2. To learn and analyze Information and Communication Technology.

3. To analyze data.

4. To understand the shortcuts for the competitive exams.

5. To gain knowledge about value education.

DEPARTMENT
OF
INFORMATION TECHNOLOGY
P.G.

Programme Code: OPI   **Programme Name: M.Sc. Information Technology**

Programme Outcomes

1. Identify, design, and analyze complex computer systems and implement and interpret the results from those systems.

2. Design, implement and evaluate a computer-based system, or process component, to meet the desired needs within the realistic constraints such as economic, environmental, social, political, ethical, health and safety, manufacturability, and sustainability.

3. Review literature and indulge in research using research based knowledge and methods to design new experiments, analyze, and interpret data to draw valid conclusions.

4. Select and apply current techniques, skills, and tools necessary for computing practice and integrate IT-based solutions into the user environment effectively.

5. Apply contextual knowledge to assess professional, legal, health, social and cultural issues during profession practice.

6. Analyze the local and global impact of computing on individuals, organizations, and society.

Programme Specific Outcomes

1. At the end of the programme, the student should be able to Understand the concepts and applications in the field of Information Technology like Web designing and development, Mobile application development, and Network and communication technologies.

2. Apply the learning from the courses and develop applications for real world problems.

3. Understand the technological developments in the usage of modern design and development tools to analyze and design for a variety of applications.

4. Competent and complete software professional to meet the requirement of corporate world and Industry standard to provide solutions to industry, society and business.

5. Analyst who can apply latest technologies who can analyze and synthesize computing systems through quantitative and qualitative techniques to solve problems in the areas of Information Technology.

6. A thorough and practical expert in the use of state of the art techniques for developing Software based systems.

Course Outcomes
Outcome Based Education (OBE)
SEMESTER – I

Subject Code: 22OPIT11   (National)

Course Name: Computer Architecture

Upon completion of the course, the students will be able to

1. To introduce the fundamental concepts underlying modern computer organization and architecture.

2. To comprehend the importance of the hardware-software interface.

3. To familiarize about hardware design of basic structure and behavior of the various functional modules of the computer.

4. To make the students know about the importance of multiprocessor and multi computers.

5. To give the students an elaborate idea about the different memory systems and buses.

Subject Code: 22OPIT12   (National)

Course Name: Object Orientated Programming with C++

Upon completion of the course, the students will be able to

1. Comprehend object oriented programming concepts using C++.

2. Understand Class, objects and Constructors.

3. Use the operator overloading and inheritance in program development.

4. Describe the concept of Pointer to objects and pure virtual functions.

5. Apply the concepts of files and its stream operations.

Subject Code: 22OPIT13   (National)

Course Name: Data Structure and Algorithms

Upon completion of the course, the students will be able to

1. To study the systematic way of solving problems, various methods of organizing large amounts of data.

2. To solve problems using data structures such as linear lists, stacks, queues, hash tables, binary trees, binary search trees, and graphs and writing programs for these solutions.

3. To employ the different data structures to find the solutions for specific problems.

4. To apply the Graph Algorithms on related applications.

5. To design optimized algorithms with efficacy.

Subject Code: 22OPITDSE1A **(National)**

Course Name: Discrete Mathematics

Upon completion of the course, the students will be able to

1. Simplify and evaluate basic logic statements including compound statements, implications, inverses, converses, and the properties of logic.

2. Identify and apply basic concepts of set theory, arithmetic, logic, proof techniques, binary relations, graphs and trees.

3. Demonstrate the ability to write and evaluate a proof or outline the basic structure of and give examples of each proof technique described.

4. Recognize the importance of Coding Theory.

5. Apply the knowledge and skills obtained to investigate and solve a variety of discrete mathematical problems.

Subject Code: 22OPITDSE1B **(National)**

Course Name: System Analysis and Design

Upon completion of the course, the students will be able to

1. This course introduces established and evolving methodologies for the analysis, design, and development of an information system.

2. Emphasis is placed on system characteristics, managing projects, prototyping and systems development life cycle phases.

3. Upon completion, students should be able to analyze a problem and design an appropriate solution using a combination of tools and techniques.

4. Implement the Forms Design – File Organization and Data Base Design.

5. Illustrate the Role of the Data Processing Auditor

Subject Code: 22OPIT11P **(Global)**

Course Name: C++ and Data Structure Lab

Upon completion of the course, the students will be able to

1. Impart the knowledge Default arguments and constructor.

2. Learn the organized structures of inheritance type and operator overloading.

3. Design a string manipulation and virtual function.

4. To learn the organized structures of Stack, Queues, Linked list and Tree.

5. To design algorithms for Sorting with efficacy.

SEMESTER – II

Subject Code: 22OPIT12P   **(National)**

Course Name: PHP Programming Lab

Upon completion of the course, the students will be able to

1. Develop program using control statement

2. Perform operation based on arrays and functions

3. Develop programs by applying various object oriented concepts

4. Use form controls with validation to collect user's input.

5. Perform database operations in PHP

Subject Code: 22OPITID1   **(Global)**

Course Name: Photo Designing

Upon completion of the course, the students will be able to

1. Identify the major regions of the Photoshop workspace.

2. Explain the function of each: Menu bar and context menus, Options bar, Toolbox, palettes, and document window(s).

3. Demonstrate knowledge of design principles, elements, and image composition.

4. Explore Photoshop Help, and use it to find out more about the tools in the Toolbox shapes and adjust layers.

5. To transform Images with Filters.

Subject Code: 22OPIT21   **(National)**

Course Name: Operating System Concepts

Upon completion of the course, the students will be able to

1. To give an overview of the many types of computing environments.

2. To introduce CPU scheduling and basis of multi programmed operating system.

3. To develop a description of deadlocks, which prevent sets of concurrent processes from completing their tasks.

4. To have an understanding of the main memory and secondary memory Management techniques.

5. To discuss file system design tradeoffs, including access methods, file sharing, file locking, and directory structures.

Subject Code: 22OPIT22   (National)

Course Name: Digital Image Processing

Upon completion of the course, the students will be able to

1. Identify the image fundamentals and mathematical transforms necessary for image processing

2. Learn the functionalities of spatial and frequency filters for image enhancement.

3. To identify the requirements of various image segmentation methods and object recognition models for various real-time applications.

4. Get broad exposure to and understanding of color image processing models.

5. To analyze the functionalities of Morphological Image processing method.

Subject Code: 22OPIT23   (Global)

Course Name: Data Communication and Networking

Upon completion of the course, the students will be able to

1. To understand the general principles of data communication.

2. To familiarize the transmission media, flow control and error detection and correction.

3. To acquire the knowledge of the basic protocols involved in wired and wireless communication process.

4. To gain core knowledge of network layer routing protocols and IP addressing.

5. To motivate the need for network security practices in organizational units

Subject Code: 22OPITDSE2A   (Global)

Course Name: Android Programming

Upon completion of the course, the students will be able to

1. To understand the basics of activities and multiple layouts.

2. To understand the usage of menus in designing widgets.

3. To explore the App architecture with fragments.

4. To acquire knowledge in handling database, files and notifications.

5. To impart graphics and animation process.

Subject Code: 22OPITDSE2B   (National)

Course Name: Theory of Computation

Upon completion of the course, the students will be able to

1. To give an overview of the theoretical foundations of deterministic finite automata and non - deterministic finite automata.

2. To apply transformation between multiple representations of finite automata.

3. To illustrate Context Free Grammar, Relationship between Derivation and Derivation Tree.

4. To familiarize the various Properties of Context Free Languages.

5. To explain Turing Machines to solve problems in computing.

Subject Code: 22OPIT21P   **(National)**

Course Name: Linux Programming Lab

Upon completion of the course, the students will be able to

1. To learn the fundamental concepts of Linux Operating System and its File System.

2. To gain an understanding of important aspects related to the Shell and the process.

3. Demonstrate Linux commands for file handling and process control.

4. To create the directory, change and remove the directory.

5. To demonstrate the basic knowledge of Linux commands and file handling utilities by using Linux shell environment.

Subject Code: 22OPIT22P   **(Global)**

Course Name: Digital Image Processing Lab

Upon completion of the course, the students will be able to

1. To develop program for extract image attributes and image negation.

2. To cover the fundamentals of digital image processing.

3. To perform image enhancement techniques.

4. Use image processing operations that process digital images and mapping technique.

5. To develop image Chain Coding procedure

Subject Code: 22OPITID2   **(National)**

Course Name: Technologies of Internet

Upon completion of the course, the students will be able to

1. To impart the knowledge of basics of Internet.

2. Learning the various aspects of internet design and functionalities.

3. To learn the concept of sending and receiving the Email.

4. To familiarize the concept of Computer Security.

5. To provide the knowledge of computer Viruses, Bombs and Worms.

DEPARTMENT OF MCA
P.G.

DEPARTMENT OF MCA

Programme Code: OMC   Programme Name: MCA

Programme Outcomes

1. Apply knowledge of computing fundamentals and domain facts. (Local)

2. Identify, formulate and solve complex computing problems reaching substantiated conclusions. (National)

3. Design and evaluate solutions for complex computing problems with appropriate Consideration. (Global)

4. Use research-based knowledge and research methods for analysis and interpretation of data, and synthesis of the information to provide valid conclusion. (National)

5. Apply computing, management principles to manage Multidisciplinary projects (Global)

6. Commit to professional ethics and cyber regulations for professional computing practices. (Global)

Programme Specific Outcomes

On completion of the MCA Programme, students will be able to

1. Develop an ability to apply knowledge in the computing discipline (Local)

2. Develop ability to design and conduct experiments, as well as interpret data. (National)

3. Develop ability to use current technologies, skills and models for computing practice (Global)

4. Develop techniques to enhance ability for lifelong learning (Global)

5. Make graduates understand cross cultural, societal, professional, legal and ethical issues prevailing in industry (National)

Course Outcomes
Outcome Based Education (OBE)
SEMESTER – I

Subject Code: 22OPCA11   **(National)**

Course Name: Mathematical Foundation of Computer Applications

Upon completion of the course, the students will be able to

1. To learn set theory and Notation.

2. To understand mathematical logic

3. To apply mathematic logic in real world problem

4. To ability to solve problem using probability

5. Graph Theory fundamental applications of those tools in IT industry

Subject Code: 22OPCA12   **(National)**

Course Name: Object Oriented Programming using C++

Upon completion of the course, the students will be able to

1. The core of the pure object-oriented programming is to create an object, in code, that has certain properties and methods.

2. To learn the fundamental programming concepts and methodologies which are essential to building good C++ programs.

3. To practice the fundamental programming methodologies in the C++ programming language via laboratory experiences.

4. To code, document, test, and implement a well-structured, robust computer program using the C++ programming language.

5. To write reusable modules (collections of functions).

Subject Code: 22OPCA13   **(Global)**

Course Name: Relational Database Management Systems

Upon completion of the course, the students will be able to

1. To primarily concerned with the purpose and view of data that have relational query and operation capabilities.

2. To learn the fundamental Structure of SQL Queries , Procedure and Triggers

3. To practice the fundamental ER Model , Database design, and functional dependencies Using relational queries and operations.

4. To code, document, test, and implement a well-structured file system using RDBMS

5. To write reusable modules of RDBMS transactions and Recovery systems

Subject Code: 22OPCA14   **(Global)**

Course Name: Data Structures and Algorithms

Upon completion of the course, the students will be able to

1. To impart the knowledge on fundamental ADTs.

2. To study the organized structures of Trees and Hashing.

3. To understand the concepts of updatable Priority Queues and Sorting

4. To apply the Graph Algorithms on related applications.

5. To design optimized algorithms with efficacy.

Subject Code: 22OPCADSE1A   **(National)**

Course Name: Operating Systems

Upon completion of the course, the students will be able to

1. To be aware of the evolution and fundamental principles of Operating System.

2. To understanding the various Operating System components such as Process management and scheduling.

3. To solve the principles of concurrency scheduling algorithms and deadlocks.

4. To move process around in memory without it affecting its execution.

5. To provide the process of manipulating files in operating system.

Subject Code: 22OPCADSE1B   **(Global)**

Course Name: Enterprise Resource Planning

Upon completion of the course, the students will be able to

1. The core of ERP is to planning for justifying ERP investments and to explain the benefits of ERP

2. To learn the fundamental ERP and its Related technologies to building excellent software domain

3. To practice the implementation life cycle to build transaction and package selection.

4. To execute the team members, consultants and to predicts success and failure implementation of ERP

5. To apply the ERP domain in present and future enhancements.

Subject Code: 22OPCA11P   **(Global)**

Course Name: Data Structures and Algorithms using C++ Lab

Upon completion of the course, the students will be able to

1. Create code using Reusability Techniques.

2. Classify different types of Polymorphism.

3. Work out Programs using different Data Structures Concepts.

4. To learn the structures of Trees and Hashing.

5. To understand the concepts of updatable Stack and Queue

Subject Code: 22OPCA12P   (National)

Course Name: RDBMS Lab

Upon completion of the course, the students will be able to

1. Generate command using DDL & DML Queries.

2. Categorize different types of Conditional, Iterative, and Sequential controls

3. Work out Programs using different Data base connectivity.

4. To learn the structures various types of multiple connection of records.

5. To apply all concepts of RDBMS files to the application programs

Subject Code: 22OPCAID1   (National)

Course Name: Front End Web Development

Upon completion of the course, the students will be able to

1.To understand the basic concept of HTML.

2.To learn the various styles and design of CSS.

3.To study the JavaScript variables, statements and functions

4.To apply exception handling and cookies on related programs.

5.To evaluate data validation with DHTML.

SEMESTER – II

Subject Code: 22OPCA21   (National)

Course Name: Open Source Technology

Upon completion of the course, the students will be able to

1. To be aware of the evolution and fundamental concepts of Data types and variables

2. To classify various Functions and String Manipulation

3. To practice the fundamental programming methodologies in the PHP programming Language via laboratory experiences.

4. To code, document, test, and implement a well-structured, robust computer program using the PHP language.

5. To performing database queries and building Form Submission to a Database

Subject Code: 22OPCA22   (Global)

Course Name: Advanced Java Programming

Upon completion of the course, the students will be able to

1.To understand the basic Java programming constructs

2.To handle Packages, Exception and Multithread Programming

3.To create String Handling and Networking Concepts.

4.To Develop Event Handling, AWT

5.To Design event driven GUI and Java Beans

Subject Code: 22OPCA23   (National)

Course Name: Software Engineering

Upon completion of the course, the students will be able to

1.The core of Software engineering is to create a Model and agility that has certain design and patterns

2.To learn the fundamental software engineering concepts of estimation, scheduling and risk management which are essential to building excellent software

3.To practice the deep Architectural design and requirement engineering to build good software

4.To implement good Software testing strategies and conventional testing applications can improve internal and external testing software

5. To engrave reusable Quality and good configuration for improve the software Accessibility

Subject Code: 22OPCADSE2A   (Global)

Course Name: Data Mining and Data Warehousing

Upon completion of the course, the students will be able to

1. To acquire knowledge about Data Mining and warehousing,

2. To study the various steps in data pre-processing and Association mining.

3. To understand the basic and advanced concept of Classification technique.

4. To learn the different methods of Clustering.

5., To analyse the data mining trends and various application of data mining.

Subject Code: 22OPCADSE2B   (National)

Course Name: Artificial Intelligence

Upon completion of the course, the students will be able to

1. To enable computers to perform such intellectual tasks as decision making, problem solving, perception, understanding human communication.

2. Artificial intelligence shapes the future of every company.

3. Artificial intelligence creates synergy between humans and AI

4. Artificial intelligence helps with planning

5. Artificial intelligence performs more complex tasks

Subject Code: 22OPCA21P   (National)

Course Name: Open Source Technology Lab

Upon completion of the course, the students will be able to

1. To be aware of the evolution and fundamental concepts of Data types and variables

2. To Classify various Functions and String Manipulation

3. To practice the fundamental programming methodologies in the PHP programming language via laboratory experiences.

4. To code, document, test, and implement a well-structured, robust computer program using the PHP language.

5. To performing database queries and building Form Submission to a Database

Subject Code: 22OPCA22P   (National)

Course Name: Advanced Java Programming Lab

Upon completion of the course, the students will be able to

1. To Implement basic Java programs

2. To write coding for constructor overloading and inheritance

3.To built programs using package and method overriding.

4. To Develop programs for exception handling, interface and file I/O

5. To design Applet programs, AWT and event driven GUI

Subject Code: 22OPCAID2   (Global)

Course Name: E- Commerce

Upon completion of the course, the students will be able to

1.To learn the basic concepts of E-Commerce
2. To study the architecture and technologies of E-Commerce
3. To understand the business and process models
4.To analyse the B2B business models
5.To evaluate the Impacts of E-Commerce

DEPARTMENT OF COMMERCE

P.G.

DEPARTMENT OF COMMERCE

Programme Code: OPD   **Programme Name:M.Com (Computer Applications)**

Programme Outcomes

1. Complete Teaching Education Course like B.Ed. Eligibility Test, NET and SET successfully.
2. Acquire skill to select teaching and research as a Profession.
3. Became Project Manager, Web Designer and HR Leader in Multinational Companies.
4. To gain knowledge that helps to face various competitive examination.

Programme Specific Outcomes

On completion of M.Com (CA) Commerce Programme, the students would be able to

1. To become experts in accounting methodology and enhance professionalism through innovative practices, to be tactful in facing unforeseen demands and changes in situational roles in industry and academics.
2. To gain through subject knowledge from practical experiences, industrial learning and internship.
3. To develop entrepreneurial skills, groups activities, spirit of coordination shaping up their professionalism.
4. To adopt innovative opportunities, latest technologies that helps to develop new business.
5. To enhance informative and expressive computer knowledge that helps them to face various competitive examination.

Course Outcomes
Outcome Based Education (OBE)
SEMESTER – I

Subject Code: 22OPCCA11   (National)

Course Name: Research Methodology

Upon completion of the course, the students will be able to

1. To develop an understanding of the basic framework of Research Process.

2. To examine the various Research Designs and Sampling Techniques.

3. To classify the various sources of Data Collection.

4. To identify the appropriate testing of Hypothesis and Interpretation.

5. To teach students to write a Research Report.

Subject Code: 22OPCCA12   (National)

Course Name: Marketing Management

Upon completion of the course, the students will be able to

1. To enable the students to understand the concept and strategies of Marketing.

2. To sketch the major P'S of marketing of goods.

3. To familiarized on the recent trends in marketing.

4. To understand the importance of sales promotion.

5. To develop the students with the concepts of advertising and salesmanship.

Subject Code: 22OPCCA13   (National)

Course Name: Advanced Corporate Accounting

Upon completion of the course, the students will be able to

1. To understand the knowledge on corporate accounting methods

2. To enable the students to understand the procedures of accounting

3. To gain the knowledge about company accounts and accounting standards.

4. To develop skills in the preparation of accounting statements and their analysis.

5. To access the preparation of accounts of banking companies

Subject Code: 22OPCCADSE1A   (Global)

Course Name: Object Oriented Programming with C++

Upon completion of the course, the students will be able to

1. Learn the basic concepts of OOPs.

2. Create a simple program using classes and objects

3. Understand the containment and inheritance in Object Oriented Programming

4. Explain the concept of Constructors and Destructors.

5. Develop the fundamental programming methodologies in Virtual Function and Polymorphism.

Subject Code: 22OPCCADSE1B   **(National)**

Course Name: Multimedia

Upon completion of the course, the students will be able to

1. Learn the basics concepts of Multimedia.

2. Explain the Multimedia components and Tools.

3. Develop the skills in multimedia techniques.

4. Learn all multimedia communication networks.

5. Understand integrated multimedia systems.

Subject Code: 22OPCCA1P   **(Global)**

Course Name: Programming with C++ Lab

Upon completion of the course, the students will be able to

1. Create a simple program using classes and objects

2. Understand the containment and inheritance in Object Oriented Programming

3. Explain the concept of Constructors and Destructors.

4. Develop the fundamental programming methodologies in Virtual Function and Polymorphism. 5. Practice the students to write C++ Programs of their own.

Subject Code: 22OPCCAID1   **(Global)**

Course Name: Internet and its Applications

Upon completion of the course, the students will be able to

1. Explore the basics of the Internet
2. 2. Able to browse Internet using search engines
3. 3. Learn how to download files multiple files.
4. 4. Study about various types of Protocols
5. 5. Send and receive emails through an email account and store and retrieve addresses from the address book

Subject Code: 22OPCCA21   (National)

Course Name: Advanced Business Statistics

Upon completion of the course, the students will be able to

1. To enable the students to apply Statistical Techniques in decision making.

2. To demonstrate knowledge of probability and the standard statistical distributions

3. To study relationship between different facts

4. To make familiarity with statistical methods to carry out in the business and academic environment

5. To assist the students to conduct a Statistical investigation.

Subject Code: 22OPCCA22   (National)

Course Name: Cost and Management Accounting

Upon completion of the course, the students will be able to

1.To understand the various concepts, methods of costing, techniques and Management accounting with their application in business.

2.To know the application of Process Costing.

3.To identify the financial statements analysis.

4.To understand knowledge of Marginal Costing, break even analysis and budgets.

5.To analyse standard Costing and Variances

Subject Code: 22OPCCA23   (National)

Course Name: Human Resource Management

Upon completion of the course, the students will be able to

1. To familiarize the students with the human resource management processes.

2. To understand the importance of Human Resource Management in meeting the challenging requirements of highly skilled and competent human resources due to Globalization.

3. To enable teach various aspect of Human development related issues.

4. To furnish the various job-related aspects.

5. To evaluate the quality aspect of Human resource

Subject Code: 22OPCCADSE2A   (Global)

Course Name: Web Designing

Upon completion of the course, the students will be able to

1. Understand the concept of Internet and Protocols.

2. Identify the language of the web: HTML and CSS.

3. Develop basic programming skills using Java script.

4. Learn the concept of XML and DTD in detail.

5. Develop skills in analyzing the usability of a web site.

Subject Code: 22OPCCADSE2B   **(National)**

Course Name: Management Information System

Upon completion of the course, the students will be able to

1. Understand the Importance of Management Information System.

2. Study the benefits and limitations of the steps and deliverables used in information Systems projects.

3. Learn the various concepts hardware and software technologies.

4. Identify the theoretical models used for System Development Approaches.

5. Learn the concept of Decision Making and Support system

Subject Code: 22OPCCA2P   **(National)**

Course Name: Web Designing Lab

Upon completion of the course, the students will be able to

1. Learn the language of the web: HTML and CSS.

2. Develop basic programming skills using Java script.

3. Learn the concept of XML and DTD in detail.

4. Become familiar with graphic design principles that relate to web design and learn how to implement theories into practice.

5. Develop skills in analyzing the usability of a web site

Subject Code: 22OPCCAID2   **(National)**

Course Name: Desk Top Publishing

Upon completion of the course, the students will be able to

1. To impart the basics of Desktop Publishing.

2. 2. To give the students a hands-on experience on PageMaker and Photoshop.

3. 3. To give students the skills to create business cards, pamphlets, banners, calendars etc

4. 4. To understand the fundamentals & concepts of Adobe Photoshop

5. 5. To give students the skills to work with multiple layers

4

DEPARTMENT OF ENGLISH

P.G.

DEPARTMENT OF ENGLISH - PG

Programme Code: OPE   **Programme Name: M.A. (English)**

Programme Outcomes

1. Be eligible to pursue further higher studies and research in the field, say Ph.D. (National)

2. Evolve as a creative writer in English with phenomenal writing skills. (Global)

3. Open themselves to varied area of career prospects in journalism, teaching profession, Communicative English Training, Civil services, Banking; as Translators, Proof Reader, Linguist, Public Relations Officer and more, either nationally or internationally. (National)

4. Visualize life and life's experience in a more aesthetic and positive way. (Global)

5. Be eligible to become competent student who would further wish to pursue a carrier in English language teaching. (Global)

Programme Specific Outcomes

On completion of M.A English Programme, the students would be able to

1. Hone their critical thinking skills by contextualizing issues based on historical, political, cultural and social contexts. (Global)

2. Improve their ability to research and analyze complex written information. (National)

3. Learn the interconnectivity of literature with other arts like Psychology, Sociology and Philosophy.

   (Global)

4. Aware of texts and their historical and cultural context in English. (Global)

5. Understand the issues of Gender and Sense of identity. (National)

6. Apply various approaches and literary theories to the work of art. (Global)

7. Comprehend varieties of English language and develop a writing style of their own. (National)

Subject Code: 22OPEN11   **(National)**

Course Name: Language and Linguistics

Upon completion of the course, the students will be able to
1. To enumerate the pedagogical skills to the students by acquainting them with the structure of modern English, history of English language, linguistics and methods of teaching English
2. To discuss the challenges of English Language Teaching and Testing
3. To develop the ability to study and analyze languages in general
4. To devise strategies to see how language operates.
5. To measure the students' lea

Subject Code: 22OPEN12   **(Global)**

Course Name: British Literature

Upon completion of the course, the students will be able to
1. To recognize to be a writer in various genre through learning the cultural thoughts and sociological aspect of Britain.
2. To understand the moralistic, rhetoric, cultural elements in prose.
3. To identify, that emotions are the major part of language by analyzing the human characters in the play.
4. To prioritize the skill of imagination, narrative, interpretation, discourse and be a novelist. 5. To develop descriptive, persuasive, expository, creative writing through reading critical essays.

Subject Code: 22OPEN13   **(National)**

Course Name: Indian Writing in English

Upon completion of the course, the students will be able to
1. Recall the diverse forms of Indian writing in English and develop a critical understanding of the large body of works from the days of colonial past to the present day
2. Showing the wider range of works in Indian Literature in English
3. Constructing a balanced textual study of established and contemporary writers.
4. Develop a holistic perception of Indian Literature in English
5. Creating familiarity with Indian writing in English during different time periods and their characteristic features.

Subject Code: 22OPEN14 (National)

Course Name: ELT & ICT

Upon completion of the course, the students will be able to
1. Recognize the grammatical, lexical and functional teaching methodologies to technically teach English language.
2. Summarize on the building blocks of language through task based learning experience.
3. Utilize themselves in a learner-centered process of communication and learning
4. Analyze and gain the skills and knowledge to design and produce materials for language lessons.
5. Measure wide range of popular career options either nationally or internationally.

Subject Code: 22OPENDSE1A (National)

Course Name: World Short Stories

Upon completion of the course, the students will be able to
1. To recognize the foundation to the study of World English Short Stories.
2. To discuss the elements of the short story in American short stories.
3. To find the characterization of short story in commonwealth literature.
4. To analyze the coherence in the plots, sub plots, themes of the short stories.
5. To create a short story of their own imagination and creativity.

Subject Code: 22OPENDESE1B (Global)

Course Name: African- American Literature

Upon completion of the course, the students will be able to
1. To recognize the role of African Americans within the larger American society.
2. To summarize the African American culture, racism, slavery and social inequality.
3. To utilize the post colonial themes in the literature of minority community writers.
4. To analyze the distinction between the literature of freed slaves and the literature of free blacks.
5. To measure the political and social autonomy in the face of resistance from the white public through literature.

Subject Code: 22OPENID1 (National)

Course Name: Grammar for Communication

Upon completion of the course, the students will be able to
1. To examine the grammatical competence of students by revisiting certain rudimentary concepts in English Grammar
2. To generalize the students with the necessary language skills specifically for academic purpose

3. To modify students' level of understanding in usage of tenses
4. To organize them to use appropriate words/phrases for correct sentence constructions
5. To discover the students' LSRW skills

SEMESTER – II

Subject Code: 22OPEN21   **(National)**

Course Name: American Literature

Upon completion of the course, the students will be able to
1. To identify some Prominent American Poets and Recap some common themes of American Poetry.
 2. To explain the other realms and time through the texts they read
3. To develop the mindset of empathizing with characters, to feel their joys and pain, thereby, cultivating wisdom and worldview
4. To examine various messages of life, even those separated from us by time and social barriers.
5. To appraise another's culture and learn humility as they interact across cultures

Subject Code: 22OPEN22   **(National)**

Course Name: Literary Theory & Criticism

Upon completion of the course, the students will be able to
1. To define the students with important schools of literary criticism with the help of representative essays.
2. To associate the students with different trends and bearings of literary criticism and help them grasp methods and techniques of interpreting literature.
3. To Experiment them to the major trends in contemporary Literary Criticism
4. To devise the students to get acquainted with the knowledge of history of criticism, its trends and kinds of schools.
5. To recommend a critical perspectives and interpretive skills on various theoretical frameworks, and gain practical knowledge of application of these literary structures in different textual Contexts.

Subject Code: 22OPEN23   **(National)**

Course Name: Shakespeare

Upon completion of the course, the students will be able to
1. To identify the students to learn how to stage their performance making them to understand the presence of mind, characterization.
2. To discover the essence of life through tragic elements is molding humanity
3. To apply the historical life of British people with the approaches and strategies.
4. To focus on moralistic, historical, psychological approach through criticism.

5. To criticize acting by providing information about staging practices in Shakespeare days

Subject Code: 22OPEN24   **(National)**

Course Name: Comparative Literature: Theory & Practice

Upon completion of the course, the students will be able to
1. To define the terms of comparative literature and different schools of comparative literature
2. To demonstrate the knowledge of influence, Reception and Parallel Studies.
3. To associate the themes, genres, period and movement of several literature.
4. To correlate literature with other arts like sociology, psychology and philosophy
5. To compare two works of arts of poetry, drama and novel.

Subject Code: 22OPENDSE2A   **(National)**

Course Name: Translation Studies

Upon completion of the course, the students will be able to
1. To identify an awareness among the students to treat translation as part of being a social being
2. To explain the students the scientific processes in the making of a translated work, a creative work
3. To develop the complete evaluation of Tamil literature through with English literature
4. To analyze the sociological and political perspectives of interpretation of Tamil literature. 5. To prioritize awareness on how to evaluate personal language skills.

Subject Code: 22OPENDSE2B   **(National)**

Course Name: Human Rights in Literature

Upon completion of the course, the students will be able to
1. To relate the values and virtues promoting human rights domestically as well as internationally.
2. To associate, contextualize and use information about human rights situation in a given country
3. To utilize the legal, political and other debates involving human rights in a knowledgeable and constructive way
4. To analyze ways of pursuing academic career in human rights
5. To recommend interdisciplinary approaches and contributions to topics such as gender, race, poverty, violence and post colonialism within a human rights framework..

Course Name: Mass Communication and Journalism

Upon completion of the course, the students will be able to

1. Identify how to write for Media, the history of Media, the pattern, the flare and how to produce newsworthy content.

2. Associate with knowledge in various fields such as politics, sports, entertainment, technology and much more

3. Experiment skills on Public Relations on how to build and promote brand image

4. Focus in skills required in the art of advertising by creating content of high creativity and interest.

5. Appraise social media advancements so as to use the platform to efficiently share information.

DEPARTMENT OF PHYSICS

P.G.

DEPARTMENT OF PHYSICS-PG

Programme Code: OPP   **Programme Name: M.Sc. Physics**

Programme Outcomes

1. Coherent understanding of academic field of Physics through laboratory experiments.

2. Acquire knowledge to analyse and solve advanced problems in Physics.

3. Ability to carry out advanced tasks and projects successfully.

4. Acquiring recent knowledge towards the research.

5. Developing research skill provides them to work in scientific and in research laboratories

Programme Specific Outcomes

1. Develop experimental and data analysis skills through a wide range of advanced level Physics experiments.

2. Acquire subject knowledge and skills of the calibre sought by industry, as well as provides academic teachers and researchers of the future.

3. Trained to evolve new technologies in their own discipline

4. Learning research skills which includes advanced laboratory techniques.

5. Understand the skills of independent investigation of Physics related problems.

Course Outcomes
Outcome Based Education (OBE)
SEMESTER – I

Subject Code: 22OPPH11   (National)

Course Name: Mathematical Physics I

Upon completion of the course, the students will be able to
1. To understand the concepts of vectors and its applications
2. Study the Significant theorems of matrices
3. To acquire the knowledge about tensor
4. Apply the complex variables in solving integrals
5. To analyze the concept of Group theory

Subject Code: 22OPPH12   (National)

Course Name: Classical Mechanics

Upon completion of the course, the students will be able to
1. To study the Lagrangian methods.
2. To learn about the central field motion.
3. To study the Hamiltonian formulations.
4. To study the mechanics of small oscillations.
5. To learn about Hamilton – Jacobi Theory

Subject Code: 22OPPH13   (National)

Course Name: Advanced Electronics

Upon completion of the course, the students will be able to
1. To understand the basis of semiconductor devices.
2. To study the concepts of Operational amplifier.
3. To review IC 555 Timers.
4. To develop knowledge about karnaugh map and combinational circuit.
5. To learn about flip flop and counters

Subject Code: 22OPPHDSE1A   (National)

Course Name: Numerical methods

Upon completion of the course, the students will be able to
1. To provide suitable and effective methods called Numerical Methods, for obtaining approximate representative numerical results of the problems.
2. To analyze different interpolation techniques.
3. To recall the curve fitting procedures.
4. To rejuvenate the concepts of numerical integration and differentiation.
5. To solve partial differential equations.

Subject Code: 22OPPHDSE1B   (National)

Course Name: Programming in C++

Upon completion of the course, the students will be able to
1. The course is designed to provide the knowledge of C++ language.
2. To develop skill for developing the different programs.
3. To appreciate and apply the programming concepts.
4. To know overloading, inheritance concepts.
5. The student will be able to envelop logical thinking.

Subject Code: 22OPPHID1   (National)

Course Name: Renewable Energy Resources

Upon completion of the course, the students will be able to
1. To study the Fundamentals of Energy sciences.
2. To understand Formation and applications of different forms of solar Energy.
3. To learn energy produce from wind energy.
4. Production and use of biomass energy. Study the main application for geothermal Energy. 5. To create several self-employment opportunities in non- conventional energy Resources.

SEMESTER – II

Subject Code: 22OPPH21   (National)

Course Name: Mathematical Physics II

Upon completion of the course, the students will be able to
1. Understanding the basic concept of differential equations
2. To Gain the knowledge about Bessel and Legendre functions
3. Study the concept of hermite functions
4. Apply the partial differential equation to solve the problem
5. To Learn the properties Fourier series and transform

Subject Code: 22OPPH22   (Global)

Course Name: Thermodynamics and Statistical Mechanics

Upon completion of the course, the students will be able to

1. Understand the phase space and ensembles

2. Gain the knowledge about method of ensembles

3. Discuss the different types of statistical distribution

4. Know more about the ideal Fermi dirac gas and ideal bose Einstein gas

5. Learn the concept of phase transistions

Subject Code: 22OPPH23   (National)

Course Name: Electromagnetic theory

Upon completion of the course, the students will be able to
1. To understand the concepts of electrostatic fields.
2. To study the concepts of magnatostatics.
3. To acquire the knowledge of Maxwell's equations.
4. To apply the electromagnetic wave propagation.
5. To analyze the electrodynamics and relativity.

Subject Code: 22OPPHDSE2B   (Global)

Course Name: Medical physics

Upon completion of the course, the students will be able to

1. To Know about the system of human body

2. To Understand the concepts of diagnostic X-ray

3 .To Gain knowledge about the medical instruments

4. To Study the type of medical equipment's

5. To Learn about advanced bio-medical instrumentation

1. To know about the Oscilloscope.
2. To understand the Signal Generators.
3. To gain knowledge about Measuring Instruments.
4. To study the type of Recorders
5. To learn about the Transducers

Subject Code: 22OPPHID2   (National)

Course Name: Astronomy & Astrophysics

Upon completion of the course, the students will be able to
1. To understand the concepts history of Astronomy.
2. To study the concepts of earth motion in space.
3. To acquire the knowledge of the moon.
 4. To apply the scientific language the origin of the solar system.
5. To analyze the major constellations to the stars.

Subject Code: 22OPPH21P   (National)

Course Name: General physics practical -I

Upon completion of the course, the students will be able to
To expose the students to experiments in the Mathematical modeling, optics, and
properties of matter

Subject Code: 22OPPH22P (National)

Course Name: Electronics practical –I

Upon completion of the course, the students will be able to
To expose the students to understand the fundamental concepts of diode,OP AMP
and ICs for the application of various instruments with practical observations.

DEPARTMENT OF

TAMIL

P.G.

Department of Tamil

Programme Outcomes

1. ெ⟨⟩ழ⟨⟩ய⟨⟩ ஆ ைம த⟨⟩ றின இ தம⟨⟩ழ ைல இல ை⟨⟩யவ வ ைள த⟨⟩றன⟨⟩ ெ⟨⟩ச த⟨⟩றைன வள! த .

2. தம⟨⟩ழ⟨⟩ய ச⟨⟩ !"த ஆ ைள ேமக ெ⟨⟩⟨⟩ மூ ப ம⟨⟩ ணவ!ைள உ)வ⟨⟩ ழத .

3. ெம⟨⟩ழ⟨⟩ த⟨⟩ற ம பைட-. த⟨⟩ றைன ேம ப ஒத .

4. தம⟨⟩ 1 மூ ப⟨⟩ றைறை மூம⟨⟩ ன ெ⟨⟩த⟨⟩ ட!ப⟨⟩ ைன அற⟨⟩ய3 ெ⟨⟩ச த .

5. தம⟨⟩ இல யை இல ைண அற⟨⟩ ந⟨⟩ர ப⟨⟩ ய ம ணவ!ைள⟨⟩ ை உ)வ⟨⟩ ழத

6. தம⟨⟩ இல ை⟨⟩ய வைைமைள⟨⟩ ஏ ப-. ம⟨⟩ கூற ைள அற⟨⟩ த⟨⟩ றைன வள! த .

7. தம⟨⟩ இல ை⟨⟩ய ைமு வல⟨⟩ ௦ அற ைள உணர3ெ⟨⟩ச வட ச8ை இ

அரசய இ பஒப⟨⟩ -. ஆையவகூற⟨⟩ ேத!"த ம⟨⟩ ணவ!ைள⟨⟩ ை உ)வ⟨⟩ ழத .

Course Outcomes
Outcome Based Education (OBE)
SEMESTER – I

Subject Code: 22OPTA11

Course Name: இக்கால இலக்கியம

Upon completion of the course, the students will be able to

1. மரபுக் கவிஞர்கள் புதுக்கவிஞர்களின் காலவரிரசயிரன புரிந்து தகாள்ளச் தசய் ல்.

2. சமு ாயச் சிக்கல்கரள கவிர களின் மூலமாக அறிந்து தகாள்ளச் தசய் ல்.

3. தொரைகப் வபாக்கின் வழி சமூகசிக்கல்கரளத் த ரிந்து தகாள்ளச் தசய் ல்.

4. தவ ீன இலக்கிய அரமப்பிரன அறியச்தசய் ல்.

5. உரரெரரயின் வழி பரரப்பாளர்களின் உரரவளத் ிரன எடுத்துரரத் ல்.

Subject Code: 2OPTA12

Course Name: தொல்காப்பியம் எழுத்தை ை ிகாை ம்

Upon completion of the course, the students will be able to

1. த ால்காப்பிய எழுத் ிலக்கண மரபுகரள அறிந்துதகாள்ளு ல்.

2. எழுத் ிலக்கணக் கூறுகளின் வளர்ச்சிொ ிரலயிரனத் புரிந்துதகாள்ளு ல்.

3. பழந் மிழ் இலக்கியப் பனுவல்களில் ைஇம்தபற்றுள்ள புணர்ச்சி வி ிகரள வரகப்படுத் ி அறியச் தசய் ல்.

4. இலக்கண நூல்களுக்கு இரைவயயான ஒற்றுரம வவற்றுரமகரள ஒப்பீடு தசய் ல்.

5. இலக்கண அடிப்படையில் பழந் மிழ் இலக்கியங்கள் அரமந்துள்ளர ம பிப்பீடு தசய் ல்.

Subject Code: 22PTA13 **(National)**

Course Name: சிற்றிலக்கியம

Upon completion of the course, the students will be able to

1. சிற்றிலக்கிய கால வரிரசயிரனயும் அரமப்பிரனயும் அறியச் தசய் ல்.

2. உழவர்களின் வாழ்வியல் கூறுகரளயும் சிக்கல்கரளயும் எடுத்துரரத் ல்.

3. தூது இலக்கிய அரமப்பிரனயும் தூது தபாருட்களின் சிறப்பிரனயும் விளக்கு ல்.

4. குறவஞ்சி இலக்கிய தொகை அரமப்பிரன எடுத்துக் கூறு ல்.

5. சிற்றிலக்கியங்கள் கூறும் அரசர்களின் தபருரமயிரன எடுத்துரரத் ல

Subject Code: 22OPTA14 **(National)**

Course Name: இலக்கியத் திறனாய்வியல்;

Upon completion of the course, the students will be able to

1. திறனாய்வாளர்கரளயும் திறனாய்வின் வரககரளயும் அறிந்துதகாள்ளல்.

2. திறனாய்வு அணுகுமுறகரளப் புரிந்து தகாள்ளல்.

3. தமாழியியல் அறிவியல் வழி அணுகுமுறகரளத் லித் தியம் தபண்ணியம் வபான்ற அணுகுமுறயுடன் ஒப்பிடும் திறன் தபறு ல்.

4. திறனாய்வுத் த்துவ தெறிகளின் பார்ரவயில் பிற இலக்கியங்கரளயும் ம பிப்பீடு தசய்யும் திறன் தபறு ல்.

5. திறனாய்வு வரலாற்றிரனக் காலந்வ ாறும் உள்ள இலக்கியங்களின் வரலாற்றுடன் பகுத் ாய்வு தசய் ல்.

Subject Code: 22PTAE1A **(National)**

Course Name: கைஇழியல

Upon completion of the course, the students will be able to

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1. இந் ◌ிய இ ◌ழ்களின் வரலாற்றிரன அறிந்து ◌தாள்ளு ◌ல்.

2. இ ◌ழ்களின் முக்கியத்துவத்ர ◌த் த ரிந்து ◌தகாள்ளு ◌ல்.

3. இ ◌ழ்களின் ப ◌ிப்புச் சட்◌ைங்கரளஅறியச் ◌தசய் ◌ல்.

4. ◌தசய் ◌ிகளின் வரகள் மற்றும் ஆசிரியர்களின் பணிகரளப் பற்றி அறிவிரனப் ◌தபறச்◌தசய் ◌ல்.

5. இ ◌ழ்களுக்குப் பரைப்புகரள வழங்கும் ◌ிறன்கரளப் புரிந்து◌தகாள்ளு ◌ல்.

Subject Code: 22OPTAE1B   **(National)**

Course Name: நாட்டுப்புறவியல்;

Upon completion of the course, the students will be able to

1. கிராமப்புற மக்களின் பழக்க வழக்கங்கரள அறிந்து ◌தகாள்ளச் ◌தசய் ◌ல்.

2. சிறு ◌த ◌ய்வ வழிபாடுகள் குறித்து ◌த ரிந்து ◌தகாள்ளச்◌தசய் ◌ல்.

3. உறவுகளின் முக்கியத்துவத்ர புரிந்து ◌தகாள்ளச்◌தசய் ◌ல்.

4. ◌ொட்டுப்புற இலக்கியங்கள் எழந் காலச் சூழரல எடுத்துரரத் ◌ல்.

5. ◌ொட்டுப்புற மக்களின் ◌ம்பிக்ரககரள அறியச்◌தசய் ல

Subject Code: 22OPTAID1   **(National)**

Course Name: ◌ைமிழ் இலக்கிய ◌ைலாறு -1

Upon completion of the course, the students will be able to

1. சங்க இலக்கியங்களின் வரகரமயிரன அறிந்து ◌தகாள்ளச் ◌தசய் ◌ல்.

2. அறநூல்களின் கருத் ரமவிரனத் ◌த ரிந்து◌தகாள்ளச் ◌தசய் ◌ல் .

3. காப்பியங்களின் வ ◌ாற்றம் வளர்ச்சி பற்றி அறியச்◌தசய் ◌ல்.

4. பக் ◌ி இலக்கியங்களின் ஆ◌ுரம ◌ிறத்ர அறிந்து ◌தகாள்ளச்◌தசய் ◌ல்.

5. சிற்றிலக்கியம் மற்றும் பிற்காலப்;புலவர்களின் வரலாறு பற்றிய அறிவிரனப் ◌தபறச்◌தசய் ◌ல்.

Subject Code: 22OPTA21   (National)

Course Name: சமய இலக்கியம

Upon completion of the course, the students will be able to

1. சமயங்களின் மறுமலர்ச்சியிரன அறிந்து தகாள்ளல்.

2. ரசவ சமயக்தகாள்ரககரள அறியச்தசய் ல்.

3. ரவணவம் தவளிப்படுத்தும் பக் ித் ிறரன த ரிந்துதகாள்ளல்.

4. சித் ர பாஅல்களில் உள்ள த்துவங்கரளப் புரி ல்.

5. கிறித் வ, இஸ்லாமியக் தகாள்ரககரளக் கற்றறியும் ிறன் தபறு ல்.

Subject Code: 22OPTA22   (National)

Course Name: சைால்காப்பியம் - சசால்அைிகாஅஅம

Upon completion of the course, the students will be able to

1. தசாற்களின் வரககரளயும், வவற்றுரமயிரனயும் அறிந்து தகாள்ளல்.

2. வவற்றுரம உருபுகள் தசாற்களில் மயங்கிவரும் ிரலப்பாட்டிரனப் புரிந்து தகாள்ளல்.

3. தபயர்ச் தசால் மற்றும் விரனச்தசால்லின் வரகயிரன ஒப்பிடும் ிறன் தபறு ல்.

4. வாக்கிய அரமப்பில் இரைச்தசால் மற்றும் உரிச்தசால் பங்கிரனயும் த அரகச்தசாற்களின் பயன்எச்சங்களின் வரக இவற்றின்மூலம் மரபிலக்கணத் ின் ன்ரமரயப் புரி ல்.

5. த அால்காப்பியத்ர ென்னுரவலாடு ஒப்பிட்டுப் பார்க்கும் ிறன்தபறு ல்.

Subject Code: 22OPTA23   (National)

Course Name: காப்பிய இலக்கியம்

Upon completion of the course, the students will be able to

1. மிழில் காப்பியங்கள் வ ான்றிய கால வரிரசயிரன அறிந்து தகாள்ளச் தசய் ல்.

2. தபருங்காப்பிய மரபிரன அறியச் தசய் ல்.

3. புராண இ ிகாச மரபுகளின் வழி காப்பிய வளர்ச்சியிரன அறியச் தசய் ல்.

4. காப்பிய சமய தபாதுரமகரளக் கண்டுதகாள்ளச் தசய் ல்.

5. முற்கால, பிற்கால காப்பியங்கரள ஒப்பிடும் ிறன் தபறுவர்.

Course Name: இலக்கிய உதையாசிரியர்கள

Upon completion of the course, the students will be able to

1. உரரநூற்களின் வ ரவரய அறிந்து தகாள்ளச் தசய் ல்.

2. இலக்கிய உரரயாசிரியர்களின் உரரத் ிறரன அறியச் தசய் ல்.

3. ிருக்குறள் உரரகளின் னித் ன்ரமரய எடுத்துரரத் ல்.

4. காப்பிய உரரகளின் வழி சமு ாயப் பின்னணிரயப் புரிந்து தகாள்ளச் தசய் ல்.

5. ;சமய மற்றும் ்கால உரரயாசிரியர்களின் இலக்கியத் ிறரன எடுத்துரரத் ல்.

Course Name: ஊடகத்ை மிழ

Upon completion of the course, the students will be able to

1. ஊடகங்களின் வரகரள அறிந்து தகாள்ளச்தசய் ல்

2. ஊடகத்துரறயின் வளர்ச்சி மற்றும் பயன்பாட்டிரனத் த ரிந்து தகாள்ளச்தசய் ல்;

3. ஊடக சா னங்களின் முக்கியத்துவத்ர ம ிப்பிட்டுத் த ரியச்தசய் ல் .

4. விளம்பரங்களின் அவசியத்ர உணரச் தசய் ல்

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5. ௌ்ரரக்கர யின் வளர்ச்சிரய அறிந்து பயன்தபற விரழயச் தசய் ல்.

Subject Code: 22OPTAE2B

Course Name: பயண இலக்கியம்;

Upon completion of the course, the students will be able to

1. பயண இலக்கியம் கற்ப ன் மூலம் பயணம் தசய்ய ஆர்வம் தபறு ல்.

2. பல்வவறு ௌொட்டு மக்களின் பண்பாடுகரளயும் வாழ்வியரலயும் அறி

ல்.

3. கல்வி சார்ந்த ௌாழில் வவரல வாய்ப்புகரள அறிமுகம் தசய் ல்.

4. பல்வவறு ௌொடுகளின் வரலாற்றிரன அறியச் தசய் ல்.

5. பல்வவறு ௌொடுகளின கால ௌௌரல மாற்றங்கரள எடுத்துரரத் ல

Subject Code: 22OPTAID2

Course Name: ௌமிழ் இலக்கிய வைலாறு - 2

Upon completion of the course, the students will be able to

1. இக்கால இலக்கியங்களின் வழி மரபுக்கவிர புதுக்கவிர யிரன அறியச்
தசய் ல்.

2. சிறுகர இலக்கியத் கவல்கரளயும் ஆசிரியர்கரளயும் ௌௌவல்
சிறப்பிரனயும் த ரிந்து தகாள்ளச் தசய் ல்.

3. ௌௌரௌகத் ௌரனயும் ௌௌரௌக இலக்கிய ஆசிரியர்களின்
சிறப்புகரளயும் அறியச் தசய் ல்.

4. இ ழ்களின் பயன்பாடுகள் பல்கரலக்கழகங்கள் விருதுகள் பற்றி அறியச்
தசய் ல்.

5. மிழ்தமாழியின் தசம்தமாழிச் சிறப்ப

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DEPARTMENT OF HISTORY

P.G.

DEPARTMENT OF HISTORY-PG

Programme Code: OPH   **Programme Name: M.A.History**

Programme Outcomes

1. Disseminate in-depth knowledge of the subject and reflective thinking. (Global)

2. Empowerthesocialconcernthroughbridgingtheacademicintelligenceandmoraljustice. (National)

3. Sustain the cultural heritage and ethics with an empathetic view.(National)

4. The skill to recognize and articulate the diversity of human experience, including ethnicity, race, language, sex, gender, as well as political, economic, social, and cultural structures overtime and space.(Global)

5. Aftercompletionofthiscourseithelpstogrowethicalvaluesamonghistorystudents. (Global)

6. They gather knowledge about the socio-cultural heritage of India and the world as well. (Global)

7. Thiscoursehelpstogrowintellectualvaluesamonghistorystudentsandtodevelopliberalvaluesamongt hem. (National)

Programme Specific Outcomes

On completion of M.A.History programme, the students would be

1. Eligible for higher studies in Ph.D., MSW and other professional courses such as

B.L. and B.Ed. (National)

2. Capable to apply acquired updated knowledge on research methods and to pursue research oriented activities(National)

3. Under take competitive examinations and qualify examinations with confidence and gusto. (National)

4. Engage as educators in elementary schools, secondary schools and postsecondary, historic Sites and Museumsetc.asa researcher they will be associated in several fields like, Museums and Historical Organizations, Cultural Resources Management and H historic Preservationist .(National)

5. Directly engage in different ranks of the Archaeological Survey of India according to their performances like as Heritage Manager, Historic buildings inspector or conservation Officer, Museum education Officer etc. (National)

Course Outcomes
Outcome Based Education (OBE)
SEMESTER – I

Subject Code: 22OPHI11   **(National)**

Course Name: Socio - Cultural History of India (upto 1206 A.D)

Upon completion of the course, the students will be able to

1.To acquire the knowledge of Socio- Cultural History during Pre history

2. To understand the cultural Level of Vedic Age.

3. To develop the research aptitude among the doctrines of Jainism and Buddhism

4. To study the contributions of Asoka during hisreign

5. To analyze the Sociological factors during Mauryas, Guptas and Harsha reign

Subject Code: 22OPHI12   **(National)**

Course Name: History of Tamilnadu from Pre-history to Cholas

Upon completion of the course, the students will be able to

1.To acquire the knowledge of ancient civilization in Tamilnadu with Sources.

2. To learn the Socio- Cultural condition of early Sangam Age

3. Acquaint the Administration, art and architecture of Cholas

4. To analyse the contributions of Saivism and Vaishnavism

5. To develop the cultural condition of Pallavas.

Subject Code: 22OPHI13I   **(National)**

Course Name: International Relations (1914A.D. - 2001A.D.) 4

Upon completion of the course, the students will be able to

1. To understand the various approaches and Diplomacy to International Relations

2. To recognize most significant trends in International Relations between two world wars

3. To be familiar with the activities of UNO

4.To develop the concept of LPG

5.To analyse the International efforts on Environment Issues

Subject Code: 22OPHI14   **(National)**

Course Name: World Civilizations (Excluding India)

Upon completion of the course, the students will be able to

1. To learn the massive spans of time during pre history in the world

2. To enable the students to understand the concepts of World Civilizations

3. To inculcate the knowledge of Daughter of the Nile.

4. To analyze the culture of classical civilization in the World.

5.To acquire various philosophical thought of Middle ages

Subject Code: 22OPHIDSE1A (National)

Course Name: Principles and Methods of Archaeology

Upon completion of the course, the students will be able to

1. To get overview on subject of Archaeology and its disciplines

2. To explain the contributions of Archaeologists for the Level of archaeology in India

3. To obtain familiarity of the exploration and excavation techniques in Archaeology

4. To know the various Dating Techniques in Archaeology

5. To acquire information on important archaeological sites in Tamilnadu

Subject Code: 22OPHIDSE1B (National)

Course Name: History of U.S.A (Up to 1860 A.D.)

Upon completion of the course, the students will be able to

1. To make on awareness about the establishment of 13 colonies, and territorial expansion of U.S.A from Atlantic to Pacific.

2. To know about the various Presidents from George Washington to James Bucanen.

3. Outline the consequences of 1812 war and its impact

4.Analyze the relationship between Red Indians and Americans and administrative system of Andrew Jacson 5. Evaluate the role of President in USA From Van Buren to James Buchanan

Subject Code: 22OPHIID1 (National)

Course Name: History for Competitive Examinations – Paper-I

Upon completion of the course, the students will be able to

1. To understand the sources and lithic ages of India

2. To Prepare the self-motivated and life-long wisdom to get shaped in the modern changing culture

3. To acquire the knowledge on the significance of ancient emperors

4. To recognize the importance of religious and social toleration

5. To.know the administrative Levels during medieval period.

SEMESTER – II

Subject Code: 22OPHI21 (National)

Course Name: Socio- Cultural History of India (1206 A.D - 1707 A.D)

Upon completion of the course, the students will be able to

1.To familiarize with the society of Sultanates of Medieval India

2. To understand the socio - culture of Mughals

3. To obtain the knowledge over the society and customs of Vijayanagar Empire

4. To analyze the various religious movements and its impacts on Medieval Society

5. To acquire the progress of architectural style in Medieval India

Subject Code: 22OPHI22   (National)

Course Name: Freedom Movement in India

Upon completion of the course, the students will be able to

1.To know about early causes after the rise of Nationalism

2.To obtain knowledge on early organizations of freedom struggle

3. To familiarize with the strategies of Moderates and Extremists.

4. To identify the various phases of National Movement and the significance of Gandhiji's

5. To encourage the patriotism among the younger generation by understanding the noble sacrifices

of patriots.

Subject Code: 22OPHI23   (National)

Course Name: Socio-Cultural History of Tamilnadu (1565 A.D - 2006A.D)

Upon completion of the course, the students will be able to

1. To enable the students to learn the Level of Tamil society

2. To realize the contributions of Christian Missionaries in Tamilnadu

3. To enable the students to learn the Level of Tamil Society.

4. To understand the concept of legislative system

5. To inspire the students to understand the social welfare schemes of Tamilnadu

Subject Code: 22OPHI24

                                    (National)

Course Name: Tourism Product in India

Upon completion of the course, the students will be able to

1. To understand the definition and various products of Tourism

2. To learn the Indian Cultural, Tradition, Customs Fairs and Festivals

3. To develop an understanding Natural Tourism Products of India

4. To expose the significance of National Parks, Birds Animals Sanctuaries of India

5. To create awareness on Important Heritage

Subject Code: 22OPHIDSE2A   **(National)**

Course Name: Public Administration Paper – 1

Upon completion of the course, the students will be able to

1. To make the students to learn the fundamental principles and various theories of Public Administration

2. To enable the relationship of Public Administration with Social Science Subjects

3. To identify the principles of organaisations and its powers

4. To understand the administrative functions along with executive efficiency

5. To acquaint the importance of separation of powers in India

Subject Code: 22OPHIDSE2B   **(National)**

Course Name: Human Rights

Upon completion of the course, the students will be able to

1. Visualize the evolution of Human Rights and its generations 2.Familiarized with the important declarations on HumanRights 3. Identified with the powers and functions of Human Rights Organizations 4.Analyse the Human Right Violations in various field 5.Evaluate the role of NGO'S on safeguarding Human Rights

Subject Code: 22OPHIID2   **(National)**

Course Name: History for Competitive Examination – Paper-II

Upon completion of the course, the students will be able to

1.To have the shallowness knowledge on Medieval India.

2.To familiarize with the advent of European and the establishment of British Colonialism

3.To analyze the causes and impacts the revolt of 1857

4. To understand the policies of Viceroys and the Expansion of British in India

5. To analyze the key historical events towards Indian Independence

DEPARTMENT OF COMMERCE

P.G

DEPARTMENT OF COMMERCE

Programme Code: OPD   Programme Name: M.Com

Programme Outcomes

1. Complete Teaching Education Course like B.Ed. Eligibility Test, NET and SET successfully.

2. Acquire skill to select teaching and research as a Profession.

3. Became Project Manager, Web Designer and HR Leader in Multinational Companies.

4. To gain knowledge that helps to face various competitive examination.

Programme Specific Outcomes

On completion of M.Com (CA) Commerce Programme, the students would be able to

1. To become experts in accounting methodology and enhance professionalism through innovative practices, to be tactful in facing unforeseen demands and changes in situational roles in industry and academics.

2. To gain through subject knowledge from practical experiences, industrial learning and internship.

3. To develop entrepreneurial skills, groups activities, spirit of coordination shaping up their professionalism.

4. To adopt innovative opportunities, latest technologies that helps to develop new business.

5. To enhance informative and expressive computer knowledge that helps them to face various competitive examination

Course Outcomes
Outcome Based Education (OBE)
SEMESTER – I

Subject Code: 22OPCOM11   **(National)**

Course Name: Research Methodology

Upon completion of the course, the students will be able to

1. To develop an understanding of the basic framework of Research Process.

2. To examine the various Research Designs and Sampling Techniques.

3. To classify the various sources of Data Collection.

4. To identify the appropriate testing of Hypothesis and Interpretation.

5. To teach students to write a Research Report.

Subject Code: 22OPCOM12   **(National)**

Course Name: Advanced Financial Accounting

Upon completion of the course, the students will be able to

1. To understand the accounting Standards.

2. To know about single entry system of accounting

3. To learn the accounting system of hire purchase and instalment purchase

4. To understand the concept of insolvency and voyage accounting

5. To gain the knowledge of partnership accounting.

Subject Code: 22OPCOM13   **(National)**

Course Name: Applied Cost Accounting

Upon completion of the course, the students will be able to

1. To understand the basic concept of cost accounting system.

2. To identify, analysis and classify the cost components to facilitate managerial decision

making. 3. To know about the cost accounting standards.

4. To identify knowledge in different methods of cost accounting.

5. To ascertain knowledge and skill in the estimation of cost through Costing Principles

and Techniques.

Subject Code: 22OPCOM14   **(National)**

Course Name: Financial Markets and Services

Upon completion of the course, the students will be able to

1. To impart knowledge and skill in the estimation of finance through financial marketing principles and services

2. To compare primary and secondary market

3. To Enable the students to study the Share market and Depositary system

4. To impart the knowledge of Mutual Funds

5. To study the functions and progress of merchant banking and factoring

Subject Code: 22OPCCADSE1B   **(National)**

Course Name: Multimedia

Upon completion of the course, the students will be able to

Subject Code: 22OPCOMDSE1A   **(National)**

Course Name: Auditing and Assurance

Upon completion of the course, the students will be able to

1. Help the students to Develop auditing work.

2. Enable the students to understand the Detection and prevention of errors and frauds in the books of accounts.

3. To study the system of internal check.

4. To study the Assurance Standards.

5. Students understand the types of liabilities of an auditor.

Subject Code: 22OPCOMDSE1B   **(National)**

Course Name: Retail Marketing

Upon completion of the course, the students will be able to

1. Help the students to know about Retail Marketing.

2. Enable the students to understand the Business Model.

3. To study the Customer Relationship Management

4. To study the Service Operation

5. Students understand the marketing channel system

Subject Code: 22OPCOMID1   **(National)**

Course Name: Practical Banking

Upon completion of the course, the students will be able to

1. To learn the relationship between Banker and Customer.

2. To train the students about the depository system

3. To understand the various kinds of cheque.

4. To learn the concept crossing and endorsement.

5. To gain the knowledge about E-Banking.

SEMESTER – II

Subject Code: 22OPCOM21   (National)

Course Name: Advanced Business Statistics

Upon completion of the course, the students will be able to

1. To enable the students to apply Statistical Techniques in decision making.

2. To demonstrate knowledge of probability and the standard statistical distributions

3. To study relationship between different facts

4. To make familiarity with statistical methods to carry out in the business and academic environment

5. To assist the students to conduct a Statistical investigation.

Subject Code: 22OPCOM22   (National)

Course Name: Human Resource Management

Upon completion of the course, the students will be able to

1. To familiarize the students with the human resource management processes.

 2. To understand the importance of Human Resource Management in meeting the challenging requirements of highly skilled and competent human resources due to Globalization.

3. To enable teach various aspect of Human development related issues.

4. To furnish the various job related aspects.

5. To evaluate the quality aspect of Human resource

Subject Code: 22OPCOM23   (National)

Course Name: Advanced Corporate Accounting

Upon completion of the course, the students will be able to

1. To understand the knowledge on corporate accounting methods

2. To enable the students to understand the procedures of accounting

3. To gain the knowledge about company accounts and accounting standards.

4. To develop skills in the preparation of accounting statements and their analysis.

5. To access the preparation of accounts of banking companies

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Subject Code: 22OPCOM24   (National)

Course Name: Insurance and Risk Management

Upon completion of the course, the students will be able to

1. To orient the basic knowledge of insurance.

2. To enable the students to understand the life insurance and its types.

3. To access the other type of insurance.

4. To understand the concept of risk management.

5. To identify risk management and control.

Subject Code: 22OPCOMDSE2A   (National)

Course Name: Marketing Management

Upon completion of the course, the students will be able to

1. To enable the students to understand the concept and strategies of Marketing.

2. To sketch the major P'S of marketing of goods.

3. To familiarized on the recent trends in marketing.

4. To understand the importance of sales promotion.

5. To develop the students with the concepts of advertising and salesmanship

Subject Code: 22OPCOMDSE2B   (National)

Course Name: Services Marketing

Upon completion of the course, the students will be able to

1. Help the students to know about Service Marketing.

2. Enable the students to understand the Bank and Insurance Marketing

3. To study the Customer Relationship Management

4. To study the Tourism Marketing

5. Students understand the Service Marketing channels

Subject Code: 22OPCOMID2   (National)

Course Name: MS Excel

Upon completion of the course, the students will be able to

1. Create basic worksheets using Microsoft Excel.

2. Perform calculations in an Excel worksheet.

3. Modify an Excel worksheet.

4. Modify the appearance of data within a worksheet.

5. Manage Excel workbooks.

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