

## 2.6.1

**Programme Outcomes:** Rupahi College is running four different programmes such as Post Graduate, Undergraduate, Diploma and Certificate, the outcomes of which noted below:

### **A. 2 Year Post Graduate Programme:**

**POs1:** Access to Higher Education at affordable price in the doorstep

**POs2:** Intellectual discourse deepens academic base

**POs3:** Promotes research activities by invoke pupils in projects, field tours, seminars and workshops

**POs4:** Encourages independent thinking and lifelong learning

### **B. 3 Year Undergraduate Programme:**

**POs1:** Imparts effective communication

**POs2:** Creates general awareness on multiple subjects

**POs3:** teaches moral values and responsibilities

**POs4:** Understand the environmental issues and the importance of sustainable development

### **C. 1 Year Diploma Programme:**

**POs1:** Teaching skills as a career opportunity

**POs2:** Focuses on self-employment

**POs3:** Principles guiding market a managing business

### **D. 6 Months Certificate Programme:**

**POs1:** Imparting basic knowledge

**POs2:** Promotes add on values to a degree

**POs3:** Helps to start independent vocation

### **Programme Specific Outcome:**

#### **A. MA in Arabic**

**PSO1:** One of the best performing departments of the college, the Arabic department is running the only regular post graduate programme in college. It thus offers opportunity to all the graduates in Arabic in the entire middle Assam in general and girl student in particular.

**PSO2:** Fulfils the dream of the disadvantaged aspirants for attaining the highest ring of education.

## **B. B. A.**

Three Year and six semester degree programme in Arts provides general education in eleven subjects. The programme specific outcome can be summarized as below:

**PSO1:** To chose subjects on credit courses interest of a pupil leading to relative success.

**PSO2:** Teaching social science subjects familiar students with social issues.

**PSO3:** Imparts value system along with knowledge.

**PSO4:** Aims at strengthening communicative skills.

**PSO5:** Understanding environmental concerns.

**PSO6:** Encourages independent/free thinking.

## **C. Three Year/ Six Semester B. Sc. Programme:**

**PSO1:** Eucleates scientific temper through questioning.

**PSO2:** Teaches learning by experimenting not accepting.

**PSO3:** Teaching to find solutions to social problems through science and technology.

**PSO4:** Addressing current issues drinking water, sanitation in the neighborhood.

## **D. Three Year/ Six Semester B. Com. Programme:**

**PSO1:** Teaches business aptitude and expertise

**PSO2:** Sharpens managerial skills.

**PSO3:** Emphasis on learning the intricacies of tax system.

**PSO4:** Teaches business communication skills.

## **E. One Year/ Two Semester Diploma Programme**

### **1. Diploma in Computer Application:**

**PSO1:** Acquiring Knowledge in computer application

**PSO2:** Hardware and software solutions

**PSO3:** Self-Employment

**PSO4:** Enhance Communicative skills

### **2. Diploma in Fish & Fishery**

**PSO1:** Techniques of Fish rearing

**PSO2:** Enhance business skills

**PSO3:** generates self-employment

## **F. One Semester Certificate Programme in Computer Application:**

**PSO1:** Providing basic knowledge in computer

**PSO2:** Encourages advancing learning

**PSO3:** Encourages to self-employment

## **Course Specific Outcome: P.G (CBCS)**

### **1014 Arabic**

CO-1 Classical Poetry

CO-2 Dewan al-Hamasa (Poetry)

CO-3 Lamyatul Arab al-Shanfara (Poetry)

CO-4 The age of the Poets and their Poetics

#### **Paper – 1024**

CO-1 Classical Arabic Prose

CO-2 Arabic Ornate Prose

CO-3 Arabic Simple Prose

CO-4 Study of the Life and works of the concerned Writers

#### **Paper – 1034**

CO-1 Language, Linguistics and its Functions

CO-2 Semitic languages

CO-3 Origin of Arabic Scripts and its Development

#### **Paper – 1046**

CO-1 Socio-economic & Political Conditions of Pre-Islamic Arabs

CO-2 Prophet Muhammad (S) and Islam

CO-3 Khulafa-e-Rashidin and their Administrative Policies

CO-4 Umayyad Rulers and their Administrative System

#### **Paper – 1054**

CO-1 Essay in Arabic

CO-2 Arabic Conversation

CO-3 Elementary Persian – I

CO-4 Elementary Persian – II

#### **Paper – 2014**

CO-1 Arabic Poetry (Early Islamic Period)

CO-2 Arabic Poetry (Umayyad Period)

CO-3 Arabic Poetry (Abbasid Period)

CO-4 Biography of the Poets

#### **Paper – 2024**

CO-1 Indo-Arabic Poetry

CO-2 Indo- Arabic Prose

- CO-3 Tafsir, Hadith & Fiqh Literature in India
- CO-4 Biography of the Writers

**Paper – 2034**

- CO-1 Rhetoric (Al-Balagha)
- CO-2 Prosody (Al-Arud)
- CO-3 Comprehension

**Paper -2044**

- CO-1 Arabic Grammar (Fundamental)
- CO-2 Arabic Grammar (Syntax)
- CO-3 Arabic Grammar (Morphology)
- CO-4 Arabic Grammar (Etymology)

**Paper – 2054**

- CO-1 Functional Arabic (Essay)
- CO-2 Arabic Letter Writing
- CO-3 Persian Text with Grammar
- CO-4 Origin of Persian Language and its Development

**Paper – 3014**

- CO-1 Modern Arabic Poetry (Neo-Classicism)
- CO-2 Modern Arabic Poetry (Pre-Romanticism)
- CO-3 Modern Arabic Poetry (Romanticism)
- CO-4 Modern Arabic Poetry (Symbolism and Free Verse)

**Paper – 3024**

- CO-1 Modern Arabic Prose (Taha Hussain and Ahmed Amin)
- CO-2 Modern Arabic Prose (Hussain Haykal and Jibran Khalil Jibran)
- CO-3 Modern Arabic Prose (Muhammad Taymur and Mustafa Lutfi)
- CO-4 Biography of the Writers

**Paper – 3034**

- CO-1 History of Arabic Literature (Pre-Islamic Period)
- CO-2 History of Arabic Literature (Early Islamic Period)
- CO-3 History of Arabic Literature (Umayyad Period)
- CO-4 History of Arabic Literature (Abbasid Period and Biography of the Writers)

**Paper – 3044**

- CO-1 Essay in Arabic
- CO-2 Translation (Arabic to English Vice-Versa)
- CO-3 Composition (Letter Writing)

**Paper – 3054**

- CO-1 Functional Arabic – III (Arabic Essay)
- CO-2 Functional Arabic – III (Arabic Conversation)
- CO-3 Functional Arabic – III (Arabic Short Story)

**Paper – 4014**

- CO-1 Principles of Literary Criticism (Significance of Criticism)
- CO-2 Principles of Literary Criticism (Drama & Story)
- CO-3 Principles of Literary Criticism (Arabic Poetry)
- CO-4 Biography of the Authors

**Paper – 4024**

- CO-1 History of Arabic Literature (Development of Modern Arabic Short Story)
- CO-2 History of Arabic Literature (Development of Modern Poetry with eminent Poets)
- CO-3 History of Arabic Literature (Modern Literary Movements)
- CO-4 Mahjar Literature (Selected Poets and Writers)

**Paper – 4034**

- CO-1 Functional Arabic – IV (Essay in Arabic)
- CO-2 Functional Arabic – IV (Essay in Arabic)
- CO-3 Arabic Letters & Applications
- CO-4 Arabic Terminology

**Paper – 4044**

- CO-1 Growth and Development of Arabic Drama
- CO-2 Growth and Development of Arabic Novel
- CO-3 Biography of Outstanding Drama & Novel Writers
- CO-4 Arabic Drama

**Paper – 4054**

- CO-1 Development of Language and Literature in Spain, Origin of Arabic Folk songs
- CO-2 Development of Historio-Philosophical Literature in Spain
- CO-3 Literature in Egypt (Eminent Writers and Historians)
- CO-4 Arabic Drama (Growth and Development of Mysticism in Arabic Literature)

**Course Specific Outcomes: UG**

**Paper-1.1 (Arabic)**

- CO-1 Arabic Conversation - I
- CO-2 Arabic Prose -I
- CO-3 Arabic Prose -I
- CO-4 Arabic Grammar (Etymology) & Translation

**PAPER – 1.2**

- CO-1 Arabic Poetry - I
- CO-2 Arabic Poetry - II
- CO-3 Political History of Islam (Pre-Islamic Period)
- CO-4 Arabic Grammar (Syntax) and Translation

**Paper – 2.1**

- CO-1 Arabic Prose – II
- CO-2 Arabic Prose – II

- CO-3 Arabic Prose – II
- CO-4 Arabic Grammar (Etymology) & Translation

**Paper – 2.2**

- CO-1 Arabic Poetry – II
- CO-2 Arabic Poetry – II
- CO-3 Political History of Islam (Khulafa-e-Rashidin)
- CO-4 Arabic Grammar (Syntax) & Translation

**Paper – 3.1**

- CO-1 Surah of Holy Quran
- CO-2 Hadith (Importance of Education in Islam)
- CO-3 Arabic short story (Based on Morality)
- CO-4 Arabic Grammar (Etymology)

**Paper – 3.2**

- CO-1 Pre-Islamic Poetry
- CO-2 Modern Arabic Poetry
- CO-3 Political History of Islam (Umayyad Period)
- CO-4 Arabic Grammar (Syntax)

**Paper – 4.1**

- CO-1 Arabic Conversation
- CO-2 Arabic Short Story
- CO-3 Political History of Islam (Abbasid Period)
- CO-4 Arabic Grammar (Etymology) & Translation

**Paper – 4.2**

- CO-1 Arabic Prose-V
- CO-2 Arabic Historical Prose
- CO-3 Literary History of Arabs (Pre-Islamic Period)
- CO-4 Arabic Grammar (Syntax) & Translation

**Paper – 5.1**

- CO-1 Surah of Holy Quran & Hadith
- CO-2 Lecture of the Prophet in the farewell pilgrimage
- CO-3 Ornamented Prose of Badiuz Zaman Hamdani
- CO-4 Arabic Grammar (Syntax)

**Paper – 5.2**

- CO-1 Arabic Poetry (Pre-Islamic Period)
- CO-2 Arabic Poetry (Early Islamic Period)
- CO-3 Arabic Poetry (Umayyad & Abbasid Period)
- CO-4 Biography of the Poets

**Paper – 5.3**

- CO-1 Neo-Classical Poetry
- CO-2 Modern Arabic Poetry
- CO-3 Modern Arabic Poetry

CO-4 Biography of the Poets

**Paper – 5.4**

CO-1 Rhetoric (Al-Balagha)

CO-2 Arabic Grammar (Characteristic of Verbal Measures)

CO-3 Essay in Arabic

CO-4 Translation of Unseen Passages (Arabic to English)

**Paper – 5.5**

CO-1 Literary History of the Arabs (Umayyad Period)

CO-2 Literary History of the Arabs (Abbasid Period)

CO-3 History of Semitic Languages

**Paper – 5.6**

CO-1 Arabic Conversation

CO-2 Arabic Story

CO-3 Translation of Unseen Passages (Arabic to English, Vice-Versa)

CO-4 Current Literary Arabic Terms & Letter Writing

**Paper – 6.1**

CO-1 Indo-Arabic Literature

CO-2 Indo-Arabic Literature

CO-3 Arabic Literature in India

CO-4 Biography of the Writers and their Contributions

**Paper – 6.2**

CO-1 Modern Arabic Poetry (Romanticism)

CO-2 Modern Arabic poetry (Mahjar Poetry)

CO-3 Background & salient features of Modern Arabic Poetry

CO-4 Biography of the Poets

**Paper – 6.3**

CO-1 Modern Arabic Prose (Jibran Khalil Jibran)

CO-2 Modern Arabic Prose (Muhammad Taymur)

CO-3 Modern Arabic Prose (Mustafa Lutfi)

CO-4 Development of Modern Arabic Prose & its Salient Features

**Paper – 6.4**

CO-1 Modern Literary History of Arabs (Pioneers of the Renaissance)

CO-2 Dewan Poets

CO-3 Mahjar Literature

CO-4 Arabic Drama & Novel

**Paper – 6.5**

CO-1 Arabic Conversation

CO-2 Arabic Short Story

CO-3 Translation (Arabic to English, Vice-Versa)

CO-4 Comprehension

## **Paper – 6.6**

- CO-1 Dissertation Paper
- CO-2 Research Methodology
- CO-3 Citation Style
- CO-4 Bibliography

### **Assamese Department**

#### **M-104: Pratham Kakat: Asamiya sahitya r buranji aru lipi**

- CO1: Loko Sahity
- CO2: Prak Sankari Jugar Sahity
- CO3: Sankari Jugar Sahity
- CO4: Asamiya lipi: Udbhab Aru kramabikash

#### **M-105: Ditiya kakat: Prasin Asamiya Kabita**

- CO1: Prasin Asamiya (Dhruoadi) Kabitar Udbhab, Bikash aru Boishitya
- CO2: Charjyapad(Charjya No – 1)(Loipadanam:Kaya tarubar) Madhab Kandali: CHitrakutar Chitra
- CO3: Shankar Dev: Nandutsav SriDhar Kandali: Kankhuwa
- CO4: Durgabar: Maya Ajudhar Sristi Aru CHOitrayali chatudarshir mut khela Pitambar: Chitralkhar pat Nirman

#### **M-204: Pratham Kakat: Asamiya Sahityar Buranji**

- CO1: Uttar Sankari Jugar Sahitya
- CO2: Arunoday (Misanari)Jugar Sahitya
- CO3: Junaki Jugar Sahity
- CO4: Abahan Jugar Sahity

#### **M-205: Ditiya Kakat : Adhunik Asamiya Kabita**

- CO1: hiteshar Barbaruah: Kabi Raghunath Chaudhary: Keteki(Pratham Taranga) Jatindra Nath Duarara: Sunuwali Desh
- CO2: Ambikagiri Raychuodhary: Bishwadulan Naliniwala Devi: Param Trishna Ratnakanta Rarkakati: Bishwaharan
- CO3: Devakanta Baruah: Ami Duwar Mukali Karu Hem Baruah: Mamatar Chithi Nabakanta Baruah: Palas
- CO4: Nirmalprabha Bardoloi: Drupadi Nilmoni Phukan: Muthi muthikoi Kati Tur Dhekier Angoli Ram Gogoi: Nadi

#### **M-304: Pratham Kakat: Asamiya Bhasa**

- CO1: Bharat-Eurupiya Bhasa Pariyalar Chamu Parichay
- CO2: Prachin Bharatiya Arjya Bhasar Para Pali-Prakit-Aprabhangsa Adi Bhasar Bikasar Dharana Aru Prakit-Aprabhangsar Lagat Asamiya Bhasar Samparka
- CO3: Asamiya Bhasar Janma-Katha, Assam Aru Uchar-Chuburiya rajiya Prachalit Arjya-Bhinna Bhasasamuhar Chamu Parichay Aru Asamiya Bhasale Saiburar Barangani
- CO4: Asamiya Bhasar Upabhasa Aru Asamiya Bhasar Shabdabhandar

#### **M-305: Sankardev:**



- CO1: Kirtan(Ajamil Upakhyan, Prahlad Charitra, Raskriya)  
CO2: Rukmini Haran Kabya....  
CO3: Bargeet(Madhur Muruti Muraru, Sun sun re sur, Gupale ki gati koile, Narayan Kahe Bhakati, Saranga Pani Pahe)....  
CO4: Parijat Haran Nat Lakshminath Bejbaruah:  
CO5: Sadhukathar Kuki(Amale Napahariba, Sargaruhan, Chur, Jayanti, Kanya)  
CO6: Surabhi(Bapiram,Laukhula,Bhuruki Bau,Geeta,Madhoi Malati)  
CO7: Kripabar Baruar Ubhatani(Uddudhan,Abatar,Bharat Udbhar,Bande Mataram, Basanta)  
CO8: Kabita(Bin Aru Baragi, Dhanbar Aru Ratani, Malati, Bhram Aru Priyatamar Sndarjya)  
Ditiya Barsa: Chaturtha Sanmasik

### **M-401: Pratham Kakat: Asamiya Biyakaran**

- CO1: Asamiya Biyakaranar Itihas, Biyakaranar Shrenibibhag  
CO2: Biyakaranar Upadan---dhanitatta(Sara Dhani, Benjan Dhani)Aru Baikyatatta  
CO3: Blyakaranar Upadan---Ruptatta, (Bachan, Linga, Pratyoi, Karak, Dhatu)

### **M-402: Ditiya Kakat: Asamiya jati Aru Sangskritir Parichaymulak Adhyan**

- CO1: Asamiya jati gathanat prajatiya upadan  
CO2: Sangskritir Snggya, Asamar luku-Sngskriti-Ear upadan,lukachar, Jana bishwas,Utsab Parban  
CO3: Asamat Sakta, Saiba Aru Boishnab Dharmar Parampara

### **M-403: khetra Adhayan**

Ai kakatkhnar babe chatra-chatrie bibhagiya shikhakar tattabadhanat kunu bishes sthan, janagusthi, utsab-parban, lukachar,luka-paribeshya kala,luka-sahitya,luka bhasa adi jikunu eta bisayat khudra gbesana patra prastut kariba lagibo. Gabesana patrat kalebar 4000-5000 shabdar bhitarat haba lagiba.

### **M-501: Pratham Kakat: Purani Asamiya Natak**

- CO1: Sankardev: Rukmini Haran Nat  
CO2: Madhabdev: Arjun Bhanjan Nat  
CO3: SriRam Ata: Subhadra Nat  
CO4: Gupaldev: Janmajyada

### **M-502: Ditiya Kakat: Purani Asamiya Katha-Sahitya**

- CO1: Kathageeta(1ma Aru 2ya Adhyai)  
CO2: Sankardev: SriKrishnar Purbarag Gupalcharan Dij: Guru-Sewa-Mahatmya  
CO3: Raghunath Mahanta: Ramar ban-gaman Ratnakar Kandali aru Arjun Das Boiragi: Tripurat Madanpujar Arambar  
CO4: SriNath Duwara Barbaruah: Sargadev Rudra Singha Nathan Brawan: Srijut Braun chahabar patra

### **M-503: Tritiya Kakat: Brajabuli Sahityar Adhyan**

- CO1: Brajawali Aru Brajabuli Bhasar Utpati, Bikash Aru Boishistya  
CO2: Sankardev: Mathur Birah(1234) Madhabdev: Chirantan Matri  
CO3: Bidyapati: Radhar birah, Mathur birah, Barsat Birah, Birah Ray Ramananda: Mathur birah  
CO4: Gyan Das: Kalhantarita Naieka, Prusitabharti Naieka Gubinda Das: Abhisarika Naieka, Manantar Milan, Barsabhisar

### **M-504: Chaturtha Kakat: Pali-Prakit Sahitya Aru Biyakaran**

- CO1: Pali-Prakit Sahityar Udbhab Aru Bikash

CO2: Dharmapad'r Apramad(Pratham Athta Shluk) Karpur Manjurir Pratham Angkar Pratham Dahta Sluk

CO3: sakuntala Natarak Sastha Angkar Dhibar Aru Rakshisakalar Kathupakathan: Sandesh rakhak Pratham Prakaran(1-----8)

CO4: Ditiya Aru Tritiya Gutar Antargata Pathar Adharat Pali-Prakit Aprabhangsa- Abahattha Bhasar Bhasatattik Adhyan.

### **M-505: Pancham Kakat: Sahitya-Samalusana**

CO1: Prachya-Samalusana: Rasbad(Rasar Sutra,Bibhajan Aru Pratibidh Rasar Sadharan Parichay)

CO2: Pashatya Samalusana: Dhruabad, Ramanyasbad Aru Adhunikatabadar Sadharan Parichay)

CO3: Pashatya Samalusana: Kabita, Natak

CO4: Pashaty Samalusana: Upanyas,Chutigalpa

### **M-506: Sastha Kakat: Bhasar Sarup**

CO1: Bhasar Bargikaran: Prithibir Bhasa-Pariyalar Chamu Parichay

CO2: Bhasa-Jati-Samaj Aru Sangskritir Parasparik Samparka

CO3: Bhasar Bibhinna Rup: Sadhubhasa,Upabhasa, Mishrabhasa, Rajyabhasa:Anta:rastriya Bhasa

CO4: Bhasa Paribartanar Dish: Smibhaban, Bisami bhaban, Alpaprani bhaban, Mahaprani bhaban, Saghushi bhaban, Murdhanya bhaban, Anunasi bhaban, Agan(Sara Aru Banjar), Apinihiti

### **M-601: Pratham Kakat: Adhunik Asamiya Natak**

CO1: Adhunik Asamiya Natarak Dhara

CO2: Jyatiprasad Agarwala: Rupalim

CO3: Prabin Phukan: Maniram Dewan

CO4: Uttam Baruah: Hengdang

### **M-602: Ditiya Kakat: Adhunik Asamiya Katha-Sahity**

CO1: Hemchandra Baruah: Atma-Jivan Charitra Gunabhiram Baruah: Saumar-Bhraman

CO2: Lambudar Bora: Anandaram Baruah: Patani Lakshminath Bejbaruah: SriKrishna tatta

CO3: Hemchandra Guswami: Shikshar Itihas Aru Chatra Nilmoni Phukan: Sandarjyabudh

CO4: Banikanta Kakati: Panditar Bhumaspriha Tirthanath Sharma: Ram-Nabami Natak

### **M-603: Tritiya Kakat: Adhunik Bharatiya Sahitya Adhyan**

CO1: Adhunik Bharatiya Sahity Dharar Sadharan Parichoy (Asamiya,Bangla,Hindi Sahityar Bishes Ullekhansaha)

CO2: Galpa---Rabindranath Thakur: Post Master Munchi Premchand: Kaphan

CO3: Upanyas--- Manik Bandupadhay: Padma Nadir Majji

CO4: Upanyas--- Phanishar Nath Renu: Mayala Asal

### **M-604: Chaturtha Kakat: Asamiya Chutigalpa Aru Upanyas**

CO1: Asamiya Chutigalpar Dhara

CO2: Asamiya Upanyasar dhara

CO3: Chutigalpa--- Lakshmidhar Sharma: Biyarthatar Dan Lakshminandan Bora: Sakha Damudar Prabina Saikiya: Abinashi Sapna

CO4: Upanyas--- Mamani Raysam Guswami: Mamare Dhara Taruwal

### **M-605: Pancham Kakat: Chandra-Alongkar**

CO1: Chandrar Sadharan Parichoy: Akshar,Matra,Jati,Pad Ba Charan, Antyamil

CO2: Asamiya Bibhinna Chandra Parichoy(Songa): Payar, Dulari, Chabi, Lechari, Juna,Jumur,Kusummala, Muktak Chandra

CO3: Kabyat Alongkarar Praujaniata Aru Iar Shreni Bibhag(Sadharan Parichay)

CO4: Nirdista Shabdalongkar: Anupras, Jamak, Sles, Bakrukti Nirdista Arthalongkar: Upama, Rupak, Bhantiman, Utprekha

### **M-606: Sastha Kakat: Bhasa-Bigyanar Parichoy**

CO1: Bhasa-Bigyanar Bibhinna Shakha: Oitihāsik, Tulanamulak, Birudhamulak, Barnanamulak

CO2: Dhani Bigyan, Prakiti Bigyan

CO3: Shabdārtha Bigyan, Bakyatatta

CO4: Upabhasa Bgyan Aru Samaj Bhasa-Bigyan

## **Education (Honours)**

### **EDU-HC-1016 Principles of Education**

**Course Outcome:** The learning outcome of this paper helps to acquaint the students with the sound principles of education. It helps to acquaint the students with the important concepts of Education, Curriculum, Democracy, Discipline and Freedom. The study helps to develop knowledge about different Aims of Education, various types of Curriculum Correlation of Studies and Forms of Discipline. It also helps to familiarize the students with democratic idea of modern education.

### **EDU-HC-1026 PSYCHOLOGICAL FOUNDATIONS OF EDUCATION**

**Course Outcome:** The study materials help to make the students understand the relationship between education and psychology. It helps to explain the need of educational psychology in teaching learning process. The study describes the nature and theories of learning and role of motivation in learning. It also helps to understand the concept of memory, forgetting, attention and interest. The study helps understand intelligence, its theories, measurement and concept of emotional intelligence. The study acquaint with different types of personality and the adjustment mechanism.

### **EDU-HC-2016 Philosophical and Sociological Foundations of Education**

**Course Outcome:** After completion of this paper, students will able to know the concept of philosophy and its relationship with education. It helps to understand the educational implications of different Indian schools of philosophy. The study helps to understand the educational implications of different Western schools of philosophy. Know the concept of sociology and its relationship with education. Develop understanding about the concept of educational sociology, social groups and socialization.

### **EDU-HC-2026 Development of Education in India - I**

**Course Outcome:** After completion of this course the learner will be able to Recount the concept of Ancient Indian education system. It helps to describe the education system in Ancient India, particularly Vedic Education. Examine the education system in Medieval India. Analyze the education system during British Period.

### **Paper - (M) 3.01 Emerging Issues and Education**

**Course Outcome:** The learning outcome of this paper helps to acquaint the learner with the emerging issues in education. The study helps to develop awareness and understanding about different literacy programmes, women empowerment, Human rights, globalization, vocationalization of secondary education. It also helps to develop in student basic understanding regarding students in discipline - its causes and remedies. The study acquaints the students about the need and importance of national integration and International understanding and the role of education in promoting them. To acquaint the students with meaning, importance and means of life skill education. To develop understanding about concept, importance, methods and programmes of Peace Education.

### **Paper - (M) 3.02 Measurements and Evaluation in Education**

**Course Outcome:** The learning outcome of this paper helps to help the students to acquire knowledge of the concept of measurement and evaluation in education. It also helps to develop an understanding of different types of educational tests and their uses. To acquaint the students with the characteristics of a good measuring instrument and the procedure of constructing educational and psychological tests. To acquaint the students about intelligence test, personality test, aptitude, interest and attitude test, and educational achievement test. To enable the students to understand about new trends in evaluation.

### **Paper - (M) 4.01 Educational Technology**

**Course Outcome:** The study enable the students to understand the concept and scope and objectives of Educational Technology. It also helps to acquaint the students about teaching technology, behavioral technology and instructional technology. To make the students understand about communication, process, and teaching aids, system approach and use of computer and internet in educational technology. It helps to acquaint the students with innovations in Education through Educational Technology Team Teaching, E-Learning and E-Library.

### **Paper - (M) 4.02 Environmental Educations and Population Education**

#### **(A) Environmental Education**

**Course Outcome:** The learning outcome of this paper helps to enable the students to understand the concept, scope and importance of environmental education. It helps to enable the students to understand the programmes of environmental education at different levels of education. To make the students aware of environmental stressors and knowledge on disaster management education.

#### **(B) Population Education**

**Course Outcome :-** It helps to enable the students to understand the effect of population growth on poverty, health and hygiene. To enable the students to understand the importance of population education in school levels.

### **Paper - (M) 5.01 Philosophy of Education**

**Course Outcome :** The learning outcome of this paper helps to make students understand how philosophical ideas have influenced educational ideas. It helps to acquaint with the relationship between philosophy and education. To acquire knowledge about the three major philosophies of education - Idealism, Naturalism and Pragmatism. To familiarize with the Indian schools of philosophical thought - Vedic, Buddhist and Islamic thought.

### **Paper - (M) 5.02 Educational Thinkers - Oriental and Occidental**

**Course Outcome:** The study enable the students to understand the philosophy of life of different educational thinkers and their contribution to present day educational thought. It helps to enable the students to learn about the views of the Western and Indian thinkers on aim, curriculum, and method of teaching, discipline and role of teacher.

### **Paper - (M) 5.03 Teacher Education**

**Course Outcome:** The learning outcome of this paper helps to acquaint the learner with the concept, aims, scope and development of teacher education in India. To develop understanding about the different policies and practices and quality assurance in Teacher education along with the needs and importance of in-service training programmes. To acquaint the learner with skilled based and competency based teacher education. To develop understanding about professional ethics and

accountability of teacher. To acquainted the learner with different organizations involved in teacher education.

#### **Paper - 5.04 Teaching - Learning Method and Pedagogy**

**Course Outcome:** The learning outcome of this paper helps to acquaint the students with the teaching learning process, the principles, maxims fundamental of teaching. To develop an understanding of the various methods and devices of teaching. To acquaint students with levels, strategies and models of teaching. To understand about teaching effectiveness and classroom management. To develop a positive attitude towards the teaching profession.

#### **Paper - 5.05 Statistics in Education**

**Course Outcome :-** The study materials helps to enable the students to understand the basic concept of statistics. It helps to acquaint the students with different statistical procedures used in Education. To give detailed knowledge about Descriptive Statistics. To familiarize the students about the Normal Probability Curve and its applications in Education.

#### **Paper - 5.06 Practical Paper**

**Course Outcome :-** The learning outcome of this paper helps to enable the students to understand the concept of experimental psychology. It helps to understand the methods of conducting various psychological experiments and tests. To develop scientific attitude amongst students.

#### **Paper - 6.01 Developmental Psychology**

**Course Outcome:** - The learning outcome of this paper helps to enable the students to understand the basic concepts relating to development. It helps to acquaint the students about heredity and environmental factors affecting pre-natal development. To enable the students to understand the development aspects during infancy and childhood. The study enable the students to understand the development aspects of adolescence, importance of adolescene period and problems associated with this stage.

#### **Paper - 6.02 Continuing Education and Distance Education**

**Course Outcome :-** The learning outcome of this paper helps to enable the students to understand the concept of continuing education and its relevance to the changing society. It also helps to acquaint the students with methods and techniques of continuing education. To make the students understand the development of Adult Education in India, Kinds of Adult Education programme in India and the major problems conformating adult education. The study enable the students to understand the meaning, characristics, merits and demerits of distance education and its growth in India. To acquaint the students with the different forms of instructional strategies in distance education along with the distance mode of learning.

#### **Paper - 6.03 Special Education**

**Course Outcome:** - The learning outcome of this paper helps the students to understand the meaning and importance of special education. It also helps acquaint the students with the different government policies and legislations regarding persons with disabilities. The study helps to familiarise the students with the different types of special children with their behavioural characteristics. The study enable the students to know about the different issues, education provisions and support services of special children.

### **Paper - 6.04 Guidance and Counseling**

**Course Outcome :-** The learning outcome of this paper helps to enable the students to understand the concept, nature, scope, need and importance of guidance. The study also helps to enable the students to understand the meaning, purpose and functions of different types of guidance. To enable the students to understand about the different types of guidance programmes and their organization. To enable the students to understand the meaning, nature, objectives, need and importance, types, steps and techniques to counselling. To enable the students to understand the relationship of guidance and counselling, their problems and ways for improvement. To enable the students to understand the role of school counsellor and qualities of a good counsellor.

### **Paper - 6.05 Educational Management and Administration**

**Course Outcome :-** The learning outcome of this paper helps to enable the students to understand the basic concepts of management, organization and administration. It also helps to provide knowledge on Types, Principles and Functions of Educational Management. To infuse knowledge on educational supervision, institutional planning and educational administrative structure of India in general and Assam in particular.

### **Paper - 6.06 Project Work**

**Course Outcome :-** Identification of the problem/topic, Formulating the objectives, Review the relevant/related literature (if any), Writing the hypotheses (wherever possible), Field identification- scope and delimitations, nature of information/data required - their sources. Collection and organization of data, analysis and drawing conclusion, Reporting.

## **Dept of History, Major Course**

### **Paper 101 - INTRODUCTION TO HISTORY**

CO1: Meaning and scope of History  
CO2: Categorization of History  
CO3: History and other Disciplines  
CO4: Traditions of Historical writing

### **Paper 102 - HISTORY OF INDIA (UPTO A.D.300)**

CO1: Introduction  
CO2: Proto-History  
CO3: State formation in 6th century B.C.  
CO4: Post-Mauryan Invasions and their impact

### **Paper 203 - HISTORY OF INDIA (300 AD -1200 A.D.)**

CO1: Age of the Guptas  
CO2: Post-Gupta period  
CO3: Rise of Regional powers  
CO4: Foreign Invasions

### **Paper 204 - HISTORY OF ANCIENT CIVILIZATIONS OF THE WORLD**

CO1: Ancient Egypt

CO2: Ancient Mesopotamia  
CO3: Chinese Civilization  
CO4: Ancient Greece

**Paper 305 - INDIA UNDER THE TURKO-AFGHANS**

CO1: Survey of sources  
CO2: Foundation and Consolidation of the Sultanate  
CO3: Fragmentation of the Sultanate and Rise of Provincial Kingdoms  
CO4: State, Society and Economy

**Paper 306 - HISTORY OF ASSAM (5th CENTURY A.D. TO 1228)**

CO1: Brief survey of sources  
CO2: Ancient Assam: A Brief Outline  
CO3: Ruling Dynasties and Political institutions  
CO4: Post Pala Political Condition

**Paper 407 - INDIA UNDER THE MUGHALS**

CO1: Advent of the Mughals and struggle for existence  
CO2: State and Religion  
CO3: Rise of the Maratha Power under Shivaji  
CO4: Decline of the Mughal Empire and the advent of the Europeans

**Paper 408 - HISTORY OF EUROPE (1453-1789)**

CO1: Transition from Medieval to Modern Age  
CO2: Thirty Years War  
CO3: Rise of Prussia and Austria  
CO4: Genesis and growth of Capitalism Imperialism, Mercantilism and World Conflict

**Paper 509 - INDIA UNDER THE EAST INDIA COMPANY**

CO1: Background  
CO2: Consolidation of British rule  
CO3: Impact of Colonial Rule on Rural Economy  
CO4: Popular resistance to Company's rule

**Paper 510 - HISTORY OF ASSAM (1228-1826)**

CO1: Sources  
CO2: Mughal invasion and Ahom resistance  
CO3: Zenith of the Ahom Rule and Internal  
CO4: Political institutions, Society, Economy and Religion

**Paper 511 - HISTORY OF EUROPE (1789-1870)**

CO1: The French Revolution  
CO2: Rise and Fall of Napoleon  
CO3: Eastern Question  
CO4: The Unification of Italy and Germany

**Paper 512 - HISTORY OF SCIENCE AND TECHNOLOGY IN PRE-COLONIAL INDIA**

CO1: Stone Age technology

CO2: Iron Age culture

CO3: Early developments in science and technology

CO4: Technological developments in Medieval period

**Paper 513 - HISTORY OF GREAT BRITAIN (1485-1820)**

CO1: England under the Tudors

CO2: England under the Stuarts

CO3: Constitutional Developments

CO4: Industrialization and its Social impact

**Paper 514 - HISTORY OF CHINA (1839 - 1949)**

CO1: China in the 19th Century

CO2: Popular and Reform Movements

CO3: Emergence of Nationalism in China

CO4: Growth of Communism in China

**Paper 615 - INDIA UNDER THE CROWN**

CO1: British administrative changes after the Revolt of 1857

CO2: Cultural Awakening in the 19th century

CO3: Indian Nationalism

CO4: Towards Independence

**Paper 616 - HISTORY OF ASSAM (1826-1947)**

CO1: Advent of the British

CO2: Territorial Expansion

CO3: Changes in the Economic structure

CO4: Political Awakening

**Paper 617 - HISTORY OF EUROPE (1871-1945)**

CO1: Internal developments in France

CO2: Internal problems of Russia up to 1917

CO3: World War I and aftermath

CO4: World War II

**Paper 618 - WORLD SINCE 1945**

CO1: UNO

CO2: Conflict in the Middle-East

CO3: China, Korean War, Vietnam.

CO4: Africa after Decolonization

**Paper 619 - HISTORY OF JAPAN (1853-1941)**



- CO1: Tokugawa Shogunate
- CO2: Meiji Restoration
- CO3: Emergence of Japan as a world power
- CO4: Japan between the two world wars

## **HOME SCIENCE DEPARTMENT**

### **Paper : 101 Food Science and Nutrition**

- CO 1: Definition, relationship between Food and Nutrition, Nutritional status.
- CO 2: Knowledge about food, its function and classification.
- CO 3: Basic knowledge of nutrients-Macro and micronutrients-carbohydrates, protein, fats, vitamins, minerals, trace elements, water (function, sources, deficiency and prevention).
- CO 4: Health (knowledge about physical wellbeing)
- CO 5: Concept of Health, sign of good health, physical status, psychological status, mental ability, mortality and longevity.
- CO 6: Relationship of food and health concept.
- CO 7: Food for optimum nutrition and good health
- CO 8: Concept of balanced diet, importance of recommended dietary allowances for Indians.
- CO 9: Basal Metabolism, specific dynamic action of food, energy value of food.
- CO 10: Knowledge about Food groups
- CO 11: Processing of Food
- CO 12: Study on food processing methods
- CO 13: Preparation of food, Objectives and Methods of cooking.
- CO 14: Effect of processing and cooking on composition and nutritive value of food. Loss of nutrients during preparation and cooking of food and their minimization.

### **Paper-102 Human Development**

- CO 1: Concepts, needs and scope of Human Development
- CO 2: Growth and development-concept, definition, principles of growth and development, factors influencing growth and development
- CO 3: Early childhood care and education.
- CO 4: Preschool Period
- CO 5: Middle Childhood and Adolescence

### **Paper -103 Food Science and Nutrition and Human Development**

- CO 1: Use of comprehensive food exchange table in planning balanced diet for
- CO 2: Infancy, pre-school, school children, adolescent, pregnant and lactating mother.
- CO 3: Preparation of low cost nutritious food for infants and pre-school children.
- CO 4: Baking and Confectionery
- CO 5: Cakes (with and without eggs), buns and biscuits.
- CO 6: Preservation of food.
- CO 7: Visit to preservation/canning centre
- CO 8: Tests for adulteration of food
- CO 9: Observation and recording the development of a pre-school child and interpreting his behaviour.

**CO 10:** Development of play materials from indigenous low cost materials.

### **Paper-201 Food Science and Nutrition**

**CO 1:** Digestion-meaning, Process of digestion, digestion in mouth, stomach and intestine Enzymes – Role of different enzymes on digestion of food.

**CO 2:** Absorption of food in the intestine

**CO 3:** Metabolism- meaning, types and metabolism of carbohydrates, protein and fats.

**CO 4:** Meal planning- Concept and importance, basic principles and factors influencing meal planning.

**CO 5:** Meal planning for different age groups infants, preschool children and adolescents.

**CO 6:** Meal planning for special groups (pregnant, lactating, geriatric and athletes)

**CO 7:** Methods of enhancing nutritive value of food.

**CO 8:** Germination, sprouting, fermentation, fortification, supplementation, low-cost nutrient supplement, and food combination concept and methods only.

**CO 9:** Nutritional assessment.

**CO 10:** Need and importance of nutritional assessment, nutritional anthropometry.

**CO 11:** National nutritional policies and programmes.

**CO 12:** Food preservation.

**CO 13:** Contamination of food

**CO 14:** Food biotechnology and future foods

### **Paper-202 Dynamics of marriages family and child welfare**

**CO 1:** Meaning, definition, purpose, motives, and function – types of marriage.

**CO 2:** Premarital association, premarital guidance and counseling.

**CO 3:** Adjustment after marriage-with husband, in-laws, home and work place.

**CO 4:** Different lifestyles-alternatives to marriage, singlehood, conversional union, their socio-emotional implication.

**CO 5:** Concept, definition, function, and forms of family

**CO 6:** Stages of family life cycle-beginning, expanding and contracting, launching families.

**CO 7:** Family disorganization-its causes and consequences

**CO 8:** Issues related to women

**CO 9:** Different rights of women

**CO 10:** Empowerment of women

**CO 11:** Abilities, opportunities, problem of working women.

**CO 12:** Reproductive child health

**CO 13:** Needs and rights of children

**CO 14:** Categorization of special children

**CO 15:** Welfare services for children with disabilities

**CO 16:** Issues to children

**CO 17:** National and international organization working for children.-CSWB, ICCW, WHO, UNICEF.

### **Paper-203 (Practical)**

**CO 1:** Weighing and measuring of food items

**CO 2:** Standardization of recipe.

**CO 3:** Weight of raw food (in grams & household measures)

**CO 4:** Weight of cooked food (in gms & household measures)

**CO 5:** Portion and number of servings

**CO 6:** Calculation of calorie and protein content of wheat, rice and pulse base recipes.

**CO 7:** Incorporation or mixing of food to improve the quality of protein, vitamin A, iron and calcium.

- CO 8 :** Planning of recipes to provide- 6-8 gms of protein, 300-400 k cal of energy, 150-200 mg of calcium, 8-10 mg of iron and 200 micro grams of carotene or 50 micrograms of retinol
- CO 9:** Report on different types of marriage ceremonies prevalent in the Indian society.
- CO 10:** Presentation of Seminar Paper issues related to women and children.
- CO 11:** Visit to- Destitute home, Juvenile home/ observation home, Orphanages, Child guidance center, Family counseling center and Institution for special children

### **Paper-301 Textile Science**

- CO 1:** Textile Fiber- definition, general properties of fiber, classification of fiber
- CO 2:** Yarn-definition methods of yarn making (Mechanical & chemical), types of yarn
- CO 3:** Different methods of fabric constructions
- CO 4:** Concept, objectives basic finishes, mechanical & chemical finishes and finishes used in textiles to improve appearance, durability and serviceability.
- CO 5:** Finishing with colours-dyes, types of dyes, natural and chemical dyes, their suitability to different fabrics.
- CO 6:** Methods of application of dyes to fabrics-dyeing and printing, dyeing and printing defects

### **Paper-302 Family Resource management**

- CO 1 :** Concept of family – its types, stages of family life cycle
- CO 2 :** Management- concept, values, goals, standard, resources
- CO 3 :** Management process-planning, organizing, controlling, evaluating
- CO 4 :** Decision making-concept, types, steps in decision making. Factors affecting decision making.
- CO 5 :** Time management-time demand for family life cycle, time cost, peak load, time plan, steps of time plan.
- CO 6 :** Energy management- concept of energy, energy cost, energy requirement for different activities, sources of energy, work curve.
- CO 7 :** Major system involved in muscular work of human and their function-respiratory system, circulatory system, nervous system.
- CO 8 :** Fatigue- concept, types, techniques for avoiding fatigue, work simplification.
- CO 9 :** Equipment-importance, classification of equipment, base material, finishes and insulating materials, selection of equipments, care of equipments
- CO 10 :** Basic of electricity, wiring, safety devices-fuse, ohm's law, dry cell.
- CO 11 :** Brief study on few equipments-iron, oven, heater, mixer grinder, washing machine, refrigerator-their selection, use, care and working principles.
- CO 12 :** Energy crisis- conventional and non-conventional energy, conservation of energy.

### **303 Textile Science and Family resource management**

- CO 1 :** Fibre identification (cotton, silk, wool, synthetic fibres by observation, microscopic, burning and solubility test).
- CO 2 :** Identification and characterization of different yarns and fabric available in the market (market survey)
- CO 3 :** Finishing with colours

- i. Dyeing of fibres, yarn and fabric.
  - ii. Printing, resist printing (tie and dye, batik, stencil, screen)
  - iii. Direct printing (block/ vegetable block, paints)
- (Any two methods for sample and one preferred method for making garment /article)

4 Application of any method (printing, dyeing) to make an article

#### **Family Resource Management**

- CO 1 :** Make a time plan for different people-students, working (different professions), housewife.
- CO 2 :** Make household survey to collect information about preferences of home makers towards different labour saving devices.
- CO 3 :** Conduct market survey for collection of information of availability of labour saving tools and equipments and submit report on it.

#### **Paper – 401 Clothing Construction/ Family Clothing**

- CO 1:** Importance and scope, clothing construction terminology.
- CO 2:** Construction process
- CO 3:** Equipment and accessories used for clothing construction.
- CO 4:** Fundamentals of clothing construction;
- CO 5:** Problems of sewing with various types of fabrics.
- CO 6:** Methods and techniques of interfacing.
- CO 7:** Importance of clothing, Clothing needs of the family factors affecting clothing needs.
- CO 8:** Effects of clothes on child's growth and development.
- CO 9:** Wardrobe planning: a. Importance
- CO 10:** Wardrobe planning for individual
- CO 11:** Principles of art applied for special figure problems.
- CO 12:** Meaning and importance.
- CO 13:** Daily and Seasonal care of clothes.
- CO 14:** Storage of clothes
- CO 15:** Care of tear and hole (darning and patching)
- CO 16:** Renovation.

#### **Paper-402 Family Finance Management and Consumer Education**

- CO 1:** Family Income
- CO 2:** Budgeting
- CO 3:** Account keeping and record keeping
- CO 4:** Credit.
- CO 5:** Planning for financial security
- CO 6:** Taxation
- CO 7:** Consumer
- CO 8:** Problems of consumer in rural and urban area
- CO 9:** Market
- CO 10:** Sources of consumer information
- CO 11:** Consumer
- CO 12:** Consumer Education

## **Paper - 403 (Practical) Clothing Construction and Family finance management & Consumer education**

### **Clothing construction**

**CO 1 :** Preparation of samples of basic stitches, seam, and seam finishes, fullness, finishing necklines, plackets, fasteners.

**CO 2 :** Demonstration of taking body measurement. Pattern making and layout of fabrics.

**CO 3 :** Drafting, cutting, stitching of children garments

### **Family Finance Management**

**CO 1 :** Making personnel and family budget for different income group.

**CO 2 :** Family financial management- keep record of expenditure of either personal or family for one month by using any one method.

**CO 3 :** Critical analysis of labels, brand of consumer product, standardized marks, weights and measures.

**CO 4 :** Visit of saving and insurance institution and submit report.

## **Paper – 501 Home science Extension Education**

**CO 1:** Extension education

**CO 2:** Home science

**CO 3:** Home science extension education

**CO 4:** Objective of using method, selection of methods for teaching home science

**CO 5:** Different types of methods in teaching

**CO 6:** Types of teaching aids

**CO 7:** Concept, philosophy, objectives of home science extension education.

**CO 8:** Characteristics and different steps in home science extension education

**CO 9:** Different approaches of home science extension

**CO 10:** Duties/ responsibilities and qualities of home science extension worker.

## **Paper-502 Food Service Institution**

**CO 1:** Food Service Institution

**CO 2:** Organization and Management types of organization, functions of management tools of management, administration leadership.

**CO 3:** Human Resource Management / Personnel Management

**CO 4:** Menu

**CO 5:** Selection of equipment, classification of equipment care of equipment.

**CO 6:** Different Kitchen Layout

**CO 7:** Concept, cost accounting and maintenance of account books.

## **Paper – 503 Textile and Apparel Designing**

**CO 1:** Meaning, scope and importance of textile and apparel designing, terminology used in design.

**CO 2:** Elements, principles and types of design

**CO 3:** Design development rules

**CO 4:** Different methods of garment manufacturing

**CO 5:** Different methods of textile printing

**CO 6:** Study about industrial management

## **Paper - 504 Dietetics and food microbiology**

### **A. Dietetics**

**CO 1:** Concept, principles, objectives, classification of therapeutic diet based on consistency, nutrient content and tube feeding.

**CO 2:** Role of dietician

**CO 3:** Gastrointestinal disorders

**CO 4:** Infectious disease

**CO 5:** Liver disease

**CO 6:** Cardiovascular diseases

**CO 7:** Diabetes mellitus, obesity

**CO 8:** Kidney disease-nephritis

### **B. Food microbiology**

**CO 1:** food for energy, food for growth,

**CO 2:** Different contaminants used in food

**CO 3:** Spoilage of cereal grain, flour, bread, cakes, bakery products.

**CO 4:** Spoilage of fruit and vegetable juices.

**CO 5:** Spoilage of meat, fish and egg

**CO 6:** Spoilage of milk and milk products

**CO 7:** Study about the different enzymes produced by microorganisms

## **Paper-505 (Practical) Home Science Extension Education and Food Science Management**

### **GROUP - A**

**CO 1 :** Select a subject suitable for classroom demonstration.

**CO 2 :** Write a script for the Puppet plays

**CO 3 :** Flash cards- for children and women.

**CO 4 :** Flannel board-for children / women

**CO 5 :** Collect pictures, photographs, diagrams etc to put up in a bulletin board

**CO 6 :** Select and prepare any two from the following: graphs, map, charts, posters, mobiles, diagrams, cartoons, comics, strips.

### **GROUP – B**

**CO 1 :** Visit to different food service institutions-submission of report.

**CO 2 :** Table layout and table settings

**CO 3 :** Plan and carry out and prepare formal meal to at least 10 persons.

**CO 4 :** Plan and serve high tea to a minimum 20 persons.

## **Paper-506 (Practical) Dietetics and Apparel Designing**

### **A. Dietetics**

- CO 1 : Planning, preparing and serving of diets
- CO 2 : Clear liquid diet, fluid diet, soft and bland diet
- CO 3 : Low carbohydrate diet-diabetes mellitus
- CO 4 : High protein diet-fever, hepatitis
- CO 5 : Low protein diet-nephritis
- CO 6 : High fiber diet-constipation
- CO 7 : Low fiber diet-peptic ulcer, diarrhea
- CO 8 : Sodium restricted diet-hypertension and atherosclerosis
- CO 9 : Low calorie diet-obesity
- CO 10 : Visit to dietetics department in hospital and submission of report.

### **B. Apparel Designing**

- CO 1 : Designing garment for- a) infant b) toddler c) pre-school d) ladies garment
- CO 2 : Making of garment (making paper pattern, cutting, stitching and finishing of the garment)
- CO 3 : Visit to tailoring unit / readymade garment unit/boutique and submission of report

### **Paper – 601 Extension Education and Communication Management.**

- CO 1: Meaning, definition; origin of communication.
- CO 2: Scope, function, elements and problems of communication
- CO 3: Importance of communication in extension work.
- CO 4: Types of communication
- CO 5: Meaning, definition and objectives of non-formal education.
- CO 6: Schemes of non-formal education.
- CO 7: Developing programme for non-formal education
- CO 8: Psychology of non- formal learners of all age group
- CO 9: Concept, nature, scope and theories mass communication.
- CO 10: Use of Mass communication in extension work.
- CO 11: Modes of Mass communication
- CO 12: Programme development for rural families
- CO 13: Steps in Programme planning
- CO 14: Training leaders for Development

### **Paper – 602 Institutional Food Service Management**

- CO 1: Concept, meaning, standards of food selection, food laws
- CO 2: Selection and storage of food
- CO 3: Standardization of food
- CO 4: Portion control method
- CO 5: Importance of food cost control, factors affecting food cost control.
- CO 6: Types of food cost in a food service institutions, food budget, food cost percentage.
- CO 7: Pricing of food item
- CO 8: Concept and types of records of control
- CO 9: Importance and reuse of leftover foods.
- CO 10: Concept and meaning, personal hygiene.
- CO 11: Storage of different foods to prevent contamination.
- CO 12: Food borne diseases
- CO 13: Methods of purification of water.
- CO 14: Food poisoning

**Paper – 603 Interior Design and Decoration**

- CO 1: Housing its importance, ownership versus renter-ship of house
- CO 2: House planning
- CO 3: Housing schemes- Government and Non-Government housing schemes
- CO 4: Meaning and need, purpose of interior designing
- CO 5: Application of elements of art and principles of design
- CO 6: Furniture
- CO 7: Lighting
- CO 8: Wall treatment
- CO 9: Window treatment
- CO 10: Floor and floor covering
- CO 11: Flower arrangement
- CO 12: Accessories
- CO 13: Estimation of cost interior designing of a room, concept importance and method

**Paper-604 Pre-school Management**

- CO 1: Definition, objectives, concept, and importance of pre-school education.
- CO 2: History of pre-school education, Types of pre-school Education
- CO 3: Home school communication and its importance.
- CO 4: Methods of preschool education.
- CO 5: Establishment-starting of pre-school
- CO 6: Infrastructure-location, building, indoor and outdoor space, material and equipment, staff
- CO 7: Role and qualities of a pre-school teacher and other staff.
- CO 8: Arrangement and maintenance of nursery school equipment and records
- CO 9: Parental involvement in early childhood education and programmes.
- CO 10: Content of curriculum
- CO 11: Basic principles and significance of planning
- CO 12: Outdoor and indoor activities to promote all round development of pre-school children, fostering creativity in children, Importance and Types of play.

**Paper - 605 (Practical) Food service management and Extension and communication management****Food Service Management**

- CO 1 : Standardisation of recipes for portion and cost
- CO 2 : Running a cafeteria for 2 weeks
- Extension and communication Management
- CO 3 : Public speaking – Plan, prepare speech
- CO 4 : Puppet show – Plan and prepare scripts for puppet show
- CO 5 : Demonstration – Preparation for method demonstration and result demonstration.
- CO 6 : Preparation of tools for conducting base line survey
- CO 7 : Plan and preparation of various communication media
- CO 8 : Print media-poster, leaflets, charts, diagrams, graphs
- CO 9 : Electronic media- preparation of cassettes and CD

**Paper – 606 (Practical) Interior designing and preschool management****GROUP - A**

- CO 1 : Elements and principles of interior decorations.
- CO 2 : Application of colour schemes on different motif.
- CO 3 : Making samples of window treatment (any two)
- CO 4 : Decorate floor for different occasion (rangoli, kolam, alpna)



CO 5 : Making flower arrangement for different area (corner table, center table, dining table, conference room table)

CO 6 : Interior enrichment-preparation of articles (pottery painting, wall hanging, use of waste material for decoration, utilitarian article- any one)

CO 7 : Market survey for latest trends in- window, wall, floor treatment, furnishing material, furniture and submit report

#### **GROUP - B**

CO 1 : Topic selection (rhymes, story and informal talk)

CO 2 : Teaching aid-preparation of teaching aids for pre- schools

CO 3 : Preparing of activity plan

CO 4 : Participation in pre-school and submit report.

CO 5 : Observation and report on the managerial aspect of pre-school.

### **Political Science (Honours)**

#### **Paper 1- POL HC 1016 Understanding Political Theory**

This course is divided into two sections.

Course Outcome: 1. Section A (Introducing Political Theory) introduces the students to the idea of political theory, what is Politics, its history and approaches, traditions of Political Theory, and an assessment of its critical and contemporary trends like Critical and Contemporary Perspectives in Political Theory: Feminist and Postmodern.

Section B (Political Theory and Practice) is designed to reconcile political theory and practice through reflections on the ideas and practices related to democracy. It introduces the students to the idea of Approaches to Political Theory: Normative, Historical and Empirical, Democracy: The history of democracy, types of democracy like - Procedural Democracy Deliberative Democracy. And its Participation and Representation and its critique.

#### **Paper 2 - POL HC 1026 Constitutional Government and Democracy in India**

This course acquaints students with the constitutional design of state structures and institutions, and their actual working overtime. The Indian Constitution accommodates conflicting impulses (of liberty and justice, territorial decentralization and a strong union, for instance) within itself. The course traces the embodiment of some of these conflicts in constitutional provisions, and shows how these have played out in political practice.

It further encourages a study of state institutions in their mutual interaction, and in interaction with the larger extra-constitutional environment.

Course outcome: 1 (The Constituent Assembly and the Constitution) It introduces the students to the idea of Philosophy of the Constitution, the Preamble, and Features of the Constitution, Fundamental Rights and Directive Principles.

Course outcome: 2 (Organs of Government) It introduces the students to the idea of The Legislature: Parliament, The Executive: President and Prime Minister, The Judiciary Supreme Court.

Course outcome: 3 (Federalism and Decentralization) It introduces the students to the idea of Federalism: Division of Powers, Emergency Provisions, Fifth and Sixth Schedules, Panchayati Raj and Municipalities.

### **Paper 1-POL HC 2016 Political Theory-Concepts and Debates**

This course is divided into two sections.

Section A helps the student familiarize with the basic normative concepts of political theory. Each concept is related to a crucial political issue that requires analysis with the aid of our conceptual understanding. This exercise is designed to encourage critical and reflective analysis and interpretation of social practices through the relevant conceptual toolkit.

Section B introduces the students to the important debates in the subject. These debates prompt us to consider that there is no settled way of understanding concepts and that in the light of new insights and challenges, besides newer ways of perceiving and interpreting the world around us, we inaugurate new modes of political debates.

#### **Section A:**

Course outcome: 1 It introduces students Core Concepts like Importance of Freedom. It includes Negative Freedom: Liberty, Positive Freedom: Freedom as Emancipation and Development, Important Issue: Freedom of belief, expression and dissent)

Course outcome: 2. It introduces students What is Equality, Significance of Equality, Egalitarianism: Background inequalities and differential treatment.

Course outcome: 3. It introduces students Indispensability of Justice, types of Justice- Procedural Justice, Distributive Justice, Global Justice.

Course outcome: 4. It introduces students The Universality of Rights, Three Generations of Rights, Rights and Obligations, Important Issue: Rights of the girl child.

#### **Section B: Major Debates**

It introduces the students to the important debates in the subject and thinks about the questions such as -

- I. Why should we obey the state? Issues of political obligation and civil disobedience
- II. Are human rights universal? Issue of cultural relativism
- III. How do we accommodate diversity in plural society? Issues of multiculturalism and toleration

#### **Paper 2-POL HC 2026 Political Process in India**

Course outcome: 1. Actual politics in India diverges quite significantly from constitutional legal rules. An understanding of the political process thus calls for a different mode of analysis -that offered by political sociology. This course maps the working of 'modern' institutions, premised on the existence of an individuated society, in a context marked by communitarian solidarities, and their mutual transformation thereby.

Course outcome 2 It also familiarizes students with the working of the Indian state, paying attention to the contradictory dynamics of modern state power.

### **3<sup>rd</sup> SEM, Paper 1 -International Relation -1**

#### **Unite 1 introduction to International Relation**

Course outcome 1 It helps the student familiarize with the basic normative concepts of introduction to International Relation basically its evolution, nature, scope.

#### **Unite 2 Approaches to the study of International Relations**

Course outcome 2 It introduces the students the concept of Liberalism, Realism, System Theory etc.

#### **Unite 3 Basic Concepts in International Relations.**

Course outcome 3 it gives major understandings of the concept of Balance of Power, Collective Security, National Interest etc.

Unite 4 World in 20<sup>th</sup> Century

Course outcome 4 This concept introduces the students An understanding of the First Second and Third world and three world wars, its causes and consequences, phases and Impacts

### **Paper 2 – Public Administration -1**

Unite 1 introduction to Public Administration

Course outcome 1 It helps the student familiarize with the basic concepts of introduction to Public Administration -basically its evolution, nature, scope and Importance.

Unite 2 Approaches to the study of Public Administration

Course outcome 2 It introduces the students the concept of Scientific Management Theory, Human Relation Theory, Bureaucratic Theory etc.

Unite 3 Basic Principles of Organization.

Course outcome 3 it gives the students major understandings of the concept of Hierarchy, Span of Control, Unity of Command, Centralization and Decentralization, supervision etc.

Unite 4 Structure of Organization

Course outcome 4 This concept introduces the students An understanding of concept and functions of Line and Staff, Chief Executive, Department, Public Corporation etc.

### **4th SEM, Paper 1 -International Relation – 2**

Unite 1 Basic Concepts in International Relations

Course outcome 1 It introduces the students the concept of foreign policy, diplomacy, conflict resolution, non alignment.

Unite 2 United Nation

Course outcome 2 It introduces the students the concept of formation charter objective and role of United Nations. It also deals with UN and Millenium Development goals.

Unite 3 Security and Disarmament

Course outcome 3 It introduces the students the concept of concept of security, its types, arms control and NPT.

### **Unite 4 Introduction to Global Economy**

Course outcome 4 It helps the student familiarize with the basic concepts of introduction to Global Economy and its related topic like colonialism and neocolonialism, IMF, WB, WTO etc.

### **Paper 2 – Public Administration -2**

Unite 1 Personal Administration

Course outcome 1 it deals with the concept of Recruitment, Training, Promotion, Public Service Commission and their importance.

Unite 2 Financial Administration

Course outcome 2 It helps the student familiarize with the basic concepts of introduction to Budgeting, Budgetary process, and its types.

Unite 3 Development Administration

Course outcome 3 It deals with concept of development administration, contribution of F. W. Riggs.

Unite 4 Citizen And Administration

Course outcome 4 It helps the students to understand the concept of Accountability, control of administration, Redressal of public grievances.

### **5<sup>th</sup> SEM, PAPER 1 Western Political Thinkers**

Unite 1 Greek Political Thinkers

Course outcome 1` This unite deals with the concept like Plato's Justice, Ideal State, Philosopher king etc.

Unit 2 Medieval and Early Modern Thinkers

Course outcome 2 it deals with the Medieval and Early Modern Thinkers concept.

Unit 3 The Contractualists

Course outcome 3 This unit deals with the concept like Hobbes nature, Sovereignty, Locke LIBERTY, PROPERTY AND STATE, Rousseau's General will etc.

Unit 4 Marxian Political Thought

Course outcome 4 This unit deals with the concept like Marxian theory about state.

### **PAPER 2- Select Constitution-1**

Unit 1. Constitution and Constitutionalism

Course outcome 1 This unit deals with constitution, classification of constitutions, Constitutionalism etc.

Unit 2. United Kingdom

Course outcome 2 It deals with the British political tradition, Parliamentary Government, Political Parties and Interest Groups, Rules of law and the Judicial System.

Unit 3. United State of America

Course outcome 3 It deals with making of the American constitution, the federal system, National Government, Political Parties and Interest Groups.

Unit 4. Comparative study of UK and US Constitutions

Course Outcome 4 It deals with British Prime Minister vs US President, House of Lords vs Senate, Speaker of House of Commons vs Speaker of House of Representatives.

### **PAPER 3- General Sociology**

Unit 1. Definition and Scope of Sociology

Course outcome 1 It deals with Meaning and Definition of Sociology, Growth and scope of Sociology, Relationship of Sociology with Political Science, Economics and History.

Unit 2. The Method Of Sociology

Course outcome 2 It deals with Historical Method, Statistical Method, Scientific or Experimental Method, Social Survey Method.

Unit 3. Key Concept of Sociology.

Course outcome 3 It deals with Family, Society, Community, Role and Status.

Unit 4. Social Stratification

Course outcome 4 It deals with Meaning of Social Stratification, meaning and nature of caste, meaning and nature of Social Class, Concept of Gender.

### **PAPER 4- Contemporary Political Issues**

Unit 1. Environmental Issues

Course outcome 1 It deals with Brundtland Commission Report and sustainable Development, Rio Declaration, Copenhagen Declaration.

Unit 2. Terrorism

Course outcome 2 It deals with meaning and nature of terrorism, forms of terrorism, terrorism in North-east India.

Unit 3. Human Development and Human Security

Course outcome 3 It deals with concept of Human development, concept of Human Security, Indicators of Human Development.

Unit 4. Issues of Gender

Course outcome 4 It deals with Gender Exclusion and Gender Justice, Beijing Declaration, 1995, Concept of gender Development Index and Gender Budgeting.

### **Paper 5 Rural Local Governance**

Unit – 1 :- Evolution of Local Governance in India

Course outcome 1 from this chapter students will be benefited about Pre and Post Independent period of Local Governance in India

Unit – 2 :- 73 rd Amendment and rural development

Course outcome 2 from this chapter students will be benefited about the topic such as Genesis and significance of 73 rd amendment, problems of rural local governance

Unit – 3 :- Structural growth of local governance under the 73 rd amendment.

Course outcome 3 from this chapter students will be benefited about the topic like Zila Parishad, Anchalic Panchayate, Gaoun Panchayate and Gown Sabha.

Unit – 4 :- Control and Supervision of local Administration.

Course outcome 4 from this chapter students will understand about the local bodies sources of income control and supervision personal administration. – Legislative ,Executive .

### **Paper 6 Human Right**

Unit – 1 :- introduction to Human Rights .

Course outcome 1 This chapter deals with the concept of Human Rights, growth and evaluation of human rights and three generation of human rights

Unit – 2 :- Approaches and perspectives

Course outcome 3 This chapter deals with the theoretical concept like Universal approach, Cultural Approach and Marxian Perspective.

Unit - 3 - Human Rights and UNO

Course outcome 3 This chapter deals with the topic Right of Indigenous people, UDHR, ICCPR, ICESCR etc. From this chapter students can understand various Conventions, Human Rights Council.

Unit- 4 :- Human Rights and the role of NGOs

Course outcome 4 from this chapter students will be benefited to understand about various organs like Amnesty International, HRW, ICRC etc

### **6<sup>th</sup> SEM, Paper – 1 Indian Political Thinkers**

Unit – 1 :- Manu and Kautilya.

Course outcome 1 from this chapter students will be benefited about the theory of Kautilyas Mandal Theory, Theory of State and Manus views on caste and Women.

Unit – 2 :- R. M. Roy and Phule.

Course outcome 2 from this chapter students will be benefited about Roy's and Phule's social reform movements.

Unit-3 :- M. N. Roy and Gandhi.

Course outcome 3 from this chapter students will be benefited about Roy's new humanism and Gandhi's Satyagraha.

Unit – 4 ; - Nehru, Ambedkar and Narayan

Course outcome 4 from this chapter students will be benefited about the concept of Nehru's Nationalism and democracy, Ambedkar's social justice and Narayan's total revolution.

Paper – 2

Select Constitution

Unit – 1 :- Peoples Republic of China.

Course outcome 1 from this chapter students will be benefited about Revolutionary Legacy, Structure of Government, NPC etc.

Unit – 2 :- Peoples Republic of China 2.

Course outcome 2 from this chapter students will be benefited about the concept of rights and duties of citizens, Party system of China.

Unit – 3 :- Switzerland.

Course outcome 3 from this chapter students will be benefited about the topic like Swiss Political Tradition and Federalism.

Unit – 4 :- Switzerland 2.

Course outcome 4 from this chapter students will understand about the concept of direct democracy, political parties and interest groups.

### **PAPER 3 General Sociology**

Unit 1 Culture

Course outcome 1 from this chapter students will be benefited to understand the concept like meaning, evaluation, types and function of Culture.

Unit 2 Social Control

Course outcome 2 from this chapter students will be benefited to understand the concept like meaning, evaluation, types and function of social control.

Unit 3 Social Change

Course outcome 2 from this chapter students will be benefited to understand the concept like meaning, causes, theories of Social Changes.

Unit 4 Socialization

Course outcome 2 from this chapter students will be familiar with the concepts like meaning various process, factors, and agencies of Socialization

### **PAPER 4 Contemporary Political Ideology**

Unit 1 Neo Liberalism

Course outcome 1 from this chapter students will be benefited about the concept of meaning and context of Neo liberalism, Welfare State.

Unit 2 Feminism

Course outcome 2 from this chapter students will be benefited about the concept of concept of gender and patriarchy, types of feminism.

Unit 3 Religious Fundamentalism

Course outcome 2 from these chapter students will be benefited about the concept of meaning global challenges of religious fundamentalism.

Unit 4 Multiculturalism

Course outcome 2 from this chapter students will be benefited about the meaning its challenges and impact of multiculturalism in India.

### **Paper – 5, Urban Local Governance**

Unit – 1 :- Evolution of Urban Governance.

Course outcome 1 from this chapter students will be benefited about Pre and Post Independent period of Urban Governance.

Unit – 2 :- Constitutional Structure of Local Bodies.

Course outcome 2 from this chapter students will be benefited about the topic such as Nagor Panchayate, Municipal Council and Corporation.

Unit – 3 :- Roll of Committee.

Course outcome 3 from this chapter students will be benefited about the topic like DPC, MPC, SEC.

Unit – 4 :- Finance Control and Administration.

Course outcome 4 from this chapter students will understand about the local bodies sources of income control and supervision personal administration.

**Paper – 6 Human Rights in India**

Unit – 1 :- Origin and Development of Human Rights in India .

Course outcome 1 This chapter deals with the concept of Ancient Medieval and colonial period of Human Rights, Constitution of India, Protection of Human Rights Act 1993.

Unit – 2 :- Protection of Human Rights Act 1993.

Course outcome 2 This chapter deals with the concept of NHRC, AHRC, National Commission for Women and SC/ST.

Unit - 3 :- Emerging Issues of Human Rights.

Course outcome 3 This chapter deals with the topic Right of Indigenous people , Environmental Issues etc. From this chapter students can understand various social movement like Chipko Movement, Narmada Bachao Abhijan etc.

Unit- 4 :- Human Rights of Vulnerable Groups.

Course outcome 4 from this chapter students will be benefited about the rights of Women, Children, Minority.

Course outcome, Dept of Hindi, Major course

**Department of Hindi**

**Paper : 104 HINDI SAHITYA KA ITIHAS : ADIKAL AUR BHAKTIKAL**

CO1 : Adikal

CO2 : Adikal Adikal- Jain Sahitya, Nath sahitya, Raso sahitya, Laukik

CO3 : Bhaktikal

CO4 : Bhaktikal - Sant Kavya-dhara, Sufi Kavya-dhara, Ramhakti Kavyadhara, Krishnabhakti

**Paper :105 BHAKTIKALIN KAVYA-DHARA**

CO1 : Vidyapati

CO2 : Madhyayugin Kavya

CO3 : Madhyayugin Kavya

CO4 : Dadudayal, Miranbai and Raskhan

**PAPER :204 HINDI SAHITYA KA ITIHAS : RITIKAL**

CO1 : RITIKAL

CO2 : RITIKAVYA

CO3 : Ritisiddha Kavya, Ritibaddha Kavya, Ritimukt Kavya

CO4 : Ritikalin - Bhaktikavya, Virkavya, Nitikavya, Khariboli gadya

**Paper : 205 RITIKALIN KAVYA-DHARA**

CO1 : Keshavdas

CO2 : Bihari, Dev

CO3 : Ghananand , Bhushan

CO4 : Chintamani Tripathi, Senapati and Matiram.

**Paper 304 ADHUNIK HINDI KAVYA-DHARA KA ITIHAS**

CO1 : Adhunik Kal

CO2 : Bharatenduyugin evang Dwivediyugin Kavyadharayen

CO3: Chhayavadyugin Kavyadharayen

CO4: Chhayavaduttar Kavyadharayen Pragativadi Kavyadhara, Prayogvadi Kavyadhara,

Nayi Kavita, Sathottraai Kavita, Aaj Ki Kavita

**Paper :305 BHARATIYA KAVYA SHASHTRA**

CO1: KAVYA

CO2 : (A) RAS

(B) Alankar, riti, Dhvani and Vakrokti  
sampradayas.

CO3 : Upama, Rupak, Shlesh,

yamak, Utpreksha, Anupras, Atishayokti, Apahnuti, Virodhabhas and Tulyayogita.

CO4 :Doha, chaupai,Rola, sortha,

Gitika, Kundaliya, Chhappay, savaiya, Kavitta,Mandakranta

**Paper : 404 Chhayavad-Purv Evang Chhayavadyugin Kavya**

Chhayavadyugin Kavyadharayen

CO1 :Aadhunik Kavyadara

CO2 : Kamayani

CO3 : Aadhunik Kavyadhara

CO4 : Bharatendu Harishchandra, Hariaudh and  
Harivanshray Bachchan.

**Paper :405 CHHAYAVADOTTAR KAVYADHARA**

CO1 : Chhayavadottar Kavya-Sangrah

CO2 : Chhayavadottar Kavya-Sangrah

CO3 : Samkalin kavita

CO4 : Samkalin kavita

**Paper :501HINDI KA UPANYAS SAHITYA**

CO1 : Upanyas

CO2 : Karmabhumi

CO3 : Chitralkha

CO4 : Devakinandan khatri, jainendra  
Kumar and Phanishwar Nath Renu

**Paper : 502 HINDI KA KAHANI SAHITYA**

CO1 : Kahani

CO2 : Nagar Kathayen

CO3 : Nagar Kathayen

CO4 : chandradhar sharma Gulari,  
Premchand and Yashpal.

**Paper :503 HINDI KA NATAK SAHITYA**

CO1 : Natak

CO2 : Ajatshatru

CO3 : Asharh Ka Ek Din

CO4 : Lakshminarayan Mishra, Harikrishna Premi and Lakshminarayan Lal.

**Paper :504 HINDI KA EKANIKI SAHITYA**

CO1 : EKANKI



CO2 : Shreshth Ekanki  
CO3 : Shreshth Ekanki  
CO4 : Sumitranandan Pant, Dharmvir Bharti and Bhuwaneshwar Prasad.

**Paper : 505 HINDI KA NIBANDH SAHITYA**

CO1 : Nibandh  
CO2 : Nibandh Nikash  
CO3 : Ashok Ke Phool  
CO4 : Balmukund Gupt, Rahul Sankrityayan and Harishankar Parsai.

**Paper : 506 HINDI ALOCHANA EVANG PRAMUKH ALOCHAK**

CO1 : Hindi Aalochana Ka udbhav Evang Vikas.  
CO2 : Shukla-Aalochana  
CO3 : Alochak Dway Hazariprasad Dwivedi Evang Nanddulare  
CO4 : Aalochana-Drishti Ki Visheshatayen, hindi Aalochana ko Den

**Paper : 601 Pashchatya Kavyashastra**

CO1 : Plato  
CO2 : Dr Samuel Jhonson  
CO3 : Mathew Arnold  
CO4 : Western literary trends

**Paper : 602 BHASHAVIJNAN**

CO1 : Bhasha  
CO2 : Bhashavijnan  
CO3 : Dhwaniavijnan  
CO4 : Vakyavijnan

**Paper : 603 HINDI BHASHA EVANG DEVNAGRI LIPI**

CO1 : Hindi' Shabd Ki Vyatpatti  
CO2 : Hindi Ki Dhwaniyan  
CO3 : Hindi Vakya-Sanrachna.  
CO4 : Devnagri Lipi

**Paper : 604 PRAYOJANMULAK HINDI EVANG ANUVAD**

CO1 Samanya Hindi, Sahityik Hindi, Prayojanmulak Hindi  
CO2 : A) Hindi Bhasha Ki Sanvaidhanik Sthiti  
B) Karyalayee Patrachar  
CO3 A) Paribhashik Shabdavali  
B) Tippan, Prativedan  
C) Sankshepan  
CO4 A) Anuvad  
B) Angreji Se Hindi Mein Kisi Gadyansh Ka Anuvad.

**Paper :605 PRADESHIK SAHITYA : ASAMIYA**

CO1 : Brief history of Assamese  
CO2 : Asamiya Sahitya Nikash  
CO3 : A). Asamiya Sahitya Nikash

CO4 : Brief life-sketch and literary works of Padmanath Gohain Baruah, Nilinibala Devi and Surjya Kumar Bhuyan.

**Paper : 606 PARIYOJANA KARYA**  
(PROJECT WORK)

### **Department of Economics**

#### **ECO-HC-1016: MICROECONOMICS**

CO1: Exploring the subject matter of Economics

Scope and method of economics; the economic problem: scarcity and choice.

CO2 : Supply and Demand: How Markets Work, Markets and Welfare Markets and competition; determinants of individual demand/supply how prices allocate resources elasticity and its application.

CO3: The Households

The consumption decision - budget constraint, description of preferences (representing preferences with indifference curves); consumer's optimum choice.

CO4: The Firm and Perfect Market Structure

Behaviour of profit maximizing firms and the production process.

CO5: Imperfect Market Structure

Monopoly and anti-trust policy; government policies towards competition; imperfect competition.

CO6: Input Markets

Labour and land markets - basic concepts; input demand curves; labour markets and public policy.

#### **ECO-HC-1026: MATHEMATICAL METHODS IN ECONOMICS-I**

CO1: Preliminaries

Sets and set operations, relations and functions, number system

CO2: Functions of one real variable

Elementary types of functions: quadratic, polynomial, power, exponential, logarithmic, convex, quasi-convex and concave functions, limit and continuity of functions

CO3: Differential calculus

Differentiation of a function, Basic rules of differentiation, partial and total differentiation, second and higher order derivatives for single variable, economic applications of differentiation

CO4: Single variable optimization

Local and global optima: geometric characterization, characterization using calculus: tests for maximization and minimization.

CO5: Integration of functions

Meaning and significance of integration, basic rules of integration, significance of a constant after integration, applications: derivations of total functions

### **SECOND SEMESTER CORE**

#### **ECO-HC-2016: INTRODUCTORY MACROECONOMICS**

CO1: Introduction to Macroeconomics and National Income Accounting

Basic issues studied in macroeconomics; measurement of gross domestic product; income, expenditure and the circular flow.

CO2: Money

Functions of money; quantity theory of money; determination of money supply and demand; credit creation; tools of monetary policy.

CO3: Inflation

Inflation and its social costs; hyperinflation.

CO4: The Closed Economy in the ShortRun

Classical and Keynesian systems; simple Keynesian model of income determination; ISLM model; fiscal and monetary multipliers.

### **ECO-HC-2026: MATHEMATICAL METHODS IN ECONOMICS - II**

CO1: Linear algebra

Matrix: various types of matrices, vector and vector space-concept, matrix operations: rank, norm and trace of a matrix, concept of determinants matrix inversion, solutions of simultaneous equations by using matrix inversion and Cramer's rule.

CO2: Functions of several real variables

Homogeneous and homothetic functions: concepts, Differentiable functions: concepts, Implicit Function Theorem and applications

CO3: Multi-variable optimization

Unconstrained optimization: geometric characterization, characterization using calculus and applications: price discrimination and multi-plant firm; constrained optimization with equality constraints.

CO4: Differential equation

Meaning, first order differential equation, application to market model

CO5: Difference equation

First order difference equation, Cob-Web market model

### **M 304 ELEMENTARY MATHEMATICS FOR ECONOMICS**

Unit 1: BASIC CONCEPTS

Variables, Sets, Functions; Limit and Continuity of a Function; Equations, Identities, Systems of equations; Homogeneous function

Unit 2: MATRIX AND DETERMINANTS

Various types of matrices, Matrix operations; Rank of a matrix, Determinants; Matrix inversion; Solution of Simultaneous equation system; Cramer's rule.

Unit 3: DIFFERENTIAL CALCULUS:

Differentiation of a Function; Basic rules of differentiation- Partial and Total Differentiation

UNIT 4: INTEFRAL CALCULUS:

Integration of a function - basic rules; derivation of total function; definite integral

### **M 305 THE MONETARY SYSTEM**

Unit 1: MONEY: BASIC CONCEPTS

Concept of Money, Money and Near Money. Supply of Money: definition and measures.

Unit 2: COMMERCIAL BANKING:

Meaning, functions, assets and liabilities-Balancing liquidity with profitability, process of credit creation by commercial banks.

Unit 3: CENTRAL BANKING:

Meaning, Functions, Methods of credit control, Monetary Policy- Objectives. Promotional role of a Central Bank in a developing economy (with reference to RBI)

#### Unit 4: THE FINANCIAL SYSTEM

Financial System ;Money market and Capital Market.

### **M 404 MATHEMATICAL APPLICATIONS IN ECONOMICS**

#### Unit 1: Calculus in Economics Applications

Application to consumer's and producer's surplus. derivation of simple growth process (Domar)  
Application to elasticity of demand and supply, derivation of marginal functions, Production Function and Euler's Theorem.

#### Unit 2 MAXIMA AND MINIMA

Unconstrained maxima and minima with single explanatory variable-application to cost minimization, revenue maximization, tax revenue maximization, profit maximization

#### Unit 3: ELEMENTS OF LINEAR PROGRAMMING

Inequality Constraint and formulation of a Linear Programming Problem – Graphical Solution

#### Unit 4: INTRODUCTION TO GAME THEORY

Two person zero sum game –Pure strategies with saddle point, games without saddle point- the rules of dominance- solution of games without saddle point examples of non zero sum games – Nash equilibrium, Prisoner's Dilemma and Repeated games.

### **M 405 INTRODUCTIONS TO DEVELOPMENT ECONOMICS**

Unit 1: Development: Meaning and Measurement – GDP and PCI as indicators of development, HDI - Structural Changes in the Development Process (Kuznet).

Unit 2: Economic Growth: Theories of Economic Growth-Classical Approach: Smith and Ricardo, Harrod-Domar's Theory of Instability of Growth Process.

Unit 3: Development Theories: Theories of Persistence of Underdevelopment: Vicious Circle of Poverty, Balanced and Unbalanced Growth Strategy, Development with Unlimited Supply of Labour (Lewis).

### **M 501 ELEMENTS OF PUBLIC FINANCE**

#### Unit 1: NATURE AND SCOPE OF PUBLIC FINANCE

Nature, scope, role of Public Finance.

#### Unit 2: PUBLIC REVENUE

Concepts of Revenue Receipt and Non-revenue Receipt; Sources and Classification Public Revenue; Tax and Non-tax Revenues

#### Unit 3: PUBLIC EXPENDITURE

Causes for growth of Public Expenditure(Wagner's Law); Classification , Canons , Effects of Public Expenditure.

#### Unit 4: PUBLIC DEBT:

Sources of Public Debt--Internal and External Debt; Burden of Public Debt; Redemption of Public Debt .

### **M 502 BASIC STATISTICS FOR ECONOMICS**

#### Unit 1: CENTRAL TENDENCY AND DISPERSION

Measures of Central Tendency ,Measures of Dispersion

#### Unit 2: CORRELATION AND REGRESSION

Coefficient of linear correlation; Rank Correlation, Partial Correlation; Regression Analysis.

#### Unit 3: PROBABILITY

Concept, Rules of probability (Addition and Multiplication); Conditional Probability, concept of discrete and continuous Random variables and mathematical expectation (relating to only discrete random variable).

### **M 503 INTRODUCTION TO ENVIRONMENTAL ECONOMICS**

Unit 1: Nature and scope of environmental economics, Economy-environment interaction

Unit 2: Market failure, externality, public good-Environment as a public good, Tragedy of Commons

Unit 3: Environmental Kuznets's Curve, Pollution Control Policies: Command and control approach, Incentive based approach: Taxes, Liability Law and tradeable permits

Unit 4: Global Environmental Issues: Climate Change – Implications and Mitigation

### **M 504 INTERNATIONAL TRADE: THEORY AND POLICY**

Unit 1: THEORIES OF INTERNATIONAL TRADE

Trade Theories-Ricardian Theory of Comparative Cost Advantage; Factor Endowments and Heckscher- Ohlin Theory; Empirical Test of H-O Model- Leontief Paradox;

Unit 2: TERMS OF TRADE AND GAINS FROM TRADE

Concepts of Terms of Trade; Factors affecting Terms of Trade; Gains from Trade; Offer Curves.

Unit 3: INTERNATIONAL TRADE POLICY

Free Trade and Protection- Arguments for and against Free Trade and Protection; Tariffs  
Tariffs versus Quotas.

### **M 505 HISTORY OF ECONOMIC THOUGHT I**

Unit 1: EARLY PERIOD:

Mercantilism, Physiocracy

Unit 2: CLASSICAL PERIOD:

Adam Smith, David Ricardo, Thomas Robert Malthus, J. B. Say, J. S. Mill.

Unit 3: SOCIALIST THOUGHTS: Contributions of Karl Marx.

### **M 506 DEVELOPMENT POLICY AND THE INDIAN ECONOMY**

Unit 1: Basic Features of Indian economy: Trend and Composition of National Income and Per Capita Income, Basic Demographic features.

Unit 2: Poverty, Inequality and Unemployment: Conceptual and Measurement Issues – the Indian Situation

Unit 3: Role of Agriculture in Economic Development, Land Reforms in India , Food Security and Public Distribution System.

Unit 4: Role of Industries in the Development Process: Large vs. Medium, Small and Micro Enterprises (MSME), Industrial Policy of 1991 and Liberalization.

### **M 601 PUBLIC ECONOMICS**

Unit 1: TAXATION

Canons of Taxation; Principles of Taxation; Direct Tax and Indirect tax Impact, Incidence and Shifting of Tax; Taxable Capacity.

Unit 2: GOVERNMENT BUDGET

Concept of Government budget , Classification of Public Budget

### Unit3: FISCAL POLICY

Meaning and Objectives; Components of Fiscal Policy; Role of Fiscal policy in a developing economy.

### Unit 4: FEDERAL FINANCE

Meaning; Principles of Federal Finance; Current Finance Commission of India- a brief overview.

## **M 602 APPLIED STATISTICS**

### Unit 1: INDEX NUMBERS

Concept, uses of Index numbers, Problems, Methods of constructing Index numbers.

### Unit 2: TIME SERIES ANALYSIS

Concept and Components.

### Unit 3: VITAL STATISTICS

Concepts and Measurement of fertility, Measurement of Mortality.

### Unit4: SAMPLE SURVEY

Population, sample, parameter. Types of samples

## **M 603 ECONOMICS OF NATURAL RESOURCES AND SUSTAINABLE DEVELOPMENT**

Unit 1: Natural Resources: Types and Characteristics

Unit 2: Economics of Non-renewable Resources: Conditions for optimal depletion, Market forms and rate of depletion, Role of a backstop

Unit 3: Economics of Renewable Resources: The Idea of sustainable yield, Economically optimal rate of harvest

Unit 4: Development-environment Trade-off, Sustainable development- Indicators and policy issues – Integrated economic and environmental accounting

## **M 604 INTERNATIONAL ECONOMICS**

### Unit 1: INTRODUCTION

International Economics as a distinct branch of Economics; Its Nature and Scope

### Unit 2: BALANCE OF PAYMENTS

The Structure of BOP Disequilibrium in BOP

### Unit 3: FOREIGN EXCHANGE MARKET AND EXCHANGE RATES

Functions of Foreign Exchange Market; Determination of Equilibrium Exchange Rate; Unit 4: ECONOMIC INTEGRATION

Forms of Economic Integration; Customs Union

### Unit 5: INTERNATIONAL INSTITUTIONS

Objectives and functions of IMF, IBRD, WTO

## **M 605 HISTORY OF ECONOMIC THOUGHT II**

Unit 1: SOME FAMOUS SCHOOLS OF THOUGHT: Marginalist school, Austrian school, Mathematical school, Neo-classical economics, Welfare economics.

### Unit 2: KEYNESIAN ECONOMICS

### Unit 3: INDIAN ECONOMIC THOUGHT

## **M 606 PLANNING FOR DEVELOPMENT: INDIA AND THE NORTHEAST**

Unit 1: Planning: Concept and Justification, Achievements and Failures, Planning in the Post-liberalization Period.

Unit 2: India in the Global Economy Composition and Direction of Foreign Trade in India before and after Liberalization; Capital Flows

Unit 3: Economic Problems of North-East India

### **B. A. English Honours Semester :- 1**

#### **Paper :- 1. Title :- Indian Classical Literature**

Unit – 1 :- Indian Classical Drama.

Unit – 2 :- Indian Classical Poetry.

Unit – 3 :- Indian epic narrative and short fictional fables.

Course outcome 1 :- Acquainted with Indian epic tradition.

Course outcome 2 :- About classical Indian drama theory and Practice.

Course outcome 3 :- Familiar with Alankara & Rasa

Course outcome 4 :- Dharama and the Heroic Act.

#### **Paper :- 2 European Classical Literature**

Unit – 1 :- Classical European Poetry of Homer.

Unit – 2 :- Aristotelian focus on the examination of the essentials of poetry epic & drama.

Unit – 3 :- Cultural discourse of Horace, Sophocles & Plautus.

Course outcome 1 :- About the epic tradition.

Course outcome 2 :- Comedy & Tragedy in classical drama.

Course outcome 3 :- The Athenian City State

Course outcome 4 :- Catharsis and Mimesis

Course outcome 5 :- Satire and Literary Culture in Augustan Rome

#### **Semester :- 2, Paper :- 3 Title :- Indian Writings in English**

Unit – 1 :- Introduce students to the field of Indian Writings in English

Unit – 2 :- About a historical overview of the development of various literary form

Unit – 3 :- Understand how each Author creatively uses his / her chosen literary form

course outcome 1 :- Develop familiarity with the issues of Politics of language and gender, nationalism and modernity pertaining to pre and post independence India

Course outcome 2 :- Understand the place of English writing in India in the larger field of English Literature

Course outcome 3 :- Learn to discuss critically the use of literary forms of the Novel, Poetry and Drama by Indian English writer in distinctive ways against Indian historical and cultural context

#### **Paper :- 4, British Literature from the 14<sup>th</sup> Centuries to the 17<sup>th</sup> Centuries**

Unit – 1 :- 14<sup>th</sup> centuries poetry such as Geoffrey Chaucer , Edmund Spenser and John Donne

Unit – 2 :- British Renaissance Drama

Unit – 3 :- Elizabethan Drama and its predilections of certain kind of literary activities and emergence of new trends focus on this unit

Course outcome 1 :- Familiarization with 14<sup>th</sup> century English culture and trends

Course outcome 2 :- Renaissance humanism, the stage , Court , City

Course outcome 3 :- Religious and political thought of 14<sup>th</sup> century to 17<sup>th</sup> century

Course outcome 4 :- Ideas about love and marriage

## **B. A. English Honours**

### **Semester :- 3, Paper :- 3.1, Social and Literary History of the Victorian World**

Unit – 1 :- Victorian prose

Unit – 2 :- Victorian Fiction

Unit – 3 :- Victorian Poetry

Unit – 4 :- The Oxford movement and the crisis in religion

Course outcome 1 :- To acquaint the students with the context of the English Literary tradition in the Victorian age

Course outcome 2 :- To study the social and literary history of the Victorian world

### **Paper :- 3.2, Victorian Poetry and Fiction**

Unit – 1 :- Victorian poets

Unit – 2 :- Pre Raphaelite poets

Unit – 3 :- Victorian fictional writer

Course outcome 1 :- Students here encounter the characteristics of Victorian poetry

Course outcome 2 :- To know about the forms like the dramatic monologue, the love poem, pre Raphaelite experiments and the beginnings of modern poetic experiences in Hopkins

### **Semester :- 4, Paper :- 4.1, Social and literary Context : Modernism and After**

Unit – 1 :- Modern fiction

Unit – 2 :- Modern poetry

Unit – 3 :- Modern drama

Unit – 4 :- Post colonial literature

Unit – 5 :- Globalization and popular culture

Course outcome 1 :- This paper will acquaint students with the circumstances that shaped the process of literary production from the 20<sup>th</sup> century to the present

### **Paper :- 4.2, English Poetry and Fiction : Modernism and After**

Unit – 1 :- Modern poetry

Unit – 2 :- Modern fiction

Course outcome 1 :- This paper brings to the students a selection of the poetry and fiction of the modern and post modern era

Course outcome 2 :- In keeping with the internationalization associated with these cultural phases, the selection is no longer strictly to the British but other literary cultures like the American and Latin American

### **Semester :- 5, Paper :- 5.1, Modern Drama I and Essay**

Unit – 1 :- Modern Essay

Unit – 2 :- Modern Plays

Course outcome 1 :- Students are acquaint themselves with European Historical and Cultural situation in this period as is prescribe the theoretical text in unit 1 and plays unit 2

Course outcome 2 :- Students are introduced with 20<sup>th</sup> century English and European Drama and at the term of the 20<sup>th</sup> century European Avant garde had completely altered the theater with stylistic / technical innovation and thematic presentation

### **Paper :- 5.2, Modern Drama II**



Unit – 1 :- Modern Essays

Unit – 2 :- Modern Plays

Course outcome 1 :- Students are to know about the proliferation of Avant garde theory within the theater making it self conscious and experimental

Course outcome 2 :- Reverberation of contemporary Philosophy, Ideas and Art movements like existentialism , Expressionism , Impressionism , Marxism and the absurd from came into being along with the revival of earlier form of poetic drama

**Paper :- 5.3, The Essays in English : Addition to Dickens**

Unit – 1 :- Emergence of periodical essays

Unit – 2 :- Personal essays

Course outcome 1 :- Acquaint themselves with the development of the form from the time of Francis Bacon and the emergence of periodical essays in the 18<sup>th</sup> century

Course outcome 2 :- The students are aware of the present essays being written in wider political, social and cultural context with diversity of style of writing

**Paper :- 5.4, 20<sup>th</sup> Century Essays**

Unit – 1 :- Essays in the 20<sup>th</sup> century like Virginia Woolf , D. H. Lawrence, Verrier Elwin , George Orwell.

Course outcome 1 :- Students will note how the genre has adapted to address verity of contemporary issues becoming the vehicle of personal experiences and thoughts

Course outcome 2 :- The essays are to be read against their intellectual and socio cultural background shifting away from the elevated , literary and classical style of earlier times to a factual and referential writing which is direct, immediate and colloquial

**Paper :- 5.5, Life Writing : Biographies , Memoirs and Letters**

Unit – 1 :- Biographies

Unit – 2 :- Memoirs

Unit – 3 :- Letters

Course outcome 1 :- To enable the students to appreciate the element of narrativization in seemingly linear, transparent , state forward accounts of the lives of significant people set down in memoirs, biographies and letters

Course outcome 2 :- To appreciate the literary and constructed nature of life writing purportedly telling nothing but the truth and textual nature of all lives that these lives are in a way remade for the succeeding generation

**Paper :- 5.6, Women's Writing**

Unit – 1 :- Fiction

Unit – 2 :- Letters / Diaries

Unit – 3 :- Poetry

Course outcome 1 :- It introduces to the students about the feminist awareness of women's life and their representation

Course outcome 2 :- It invites the students to examine the status and condition of women and how the women's text pay attention to the historical and political conditions of the times

Course outcome 3 :- It expects the students to look at the way the women writer participate in the question of selfhood and women's relation with men and other women

Course outcome 4 :- This paper also includes the implications of women's speaking , writing and empowering themselves by their own voice and interrogating women's work and rules in society

**Semester :- 6, Paper :- 6.1, Literary Criticism**

Unit – 1 :- Graceo Roman antiquity criticism

Unit – 2 :- Modern , Neo classical , romantic and Victorian criticism

Course outcome 1 :- To acquaint students with some key ideas of Western Literary Criticism from Graceo Roman Antiquity to Modern period

Course outcome 2 :- To presents students with the opportunity to study key concepts associated with the names of significant thinkers in this history

**Paper :- 6.2, 20<sup>th</sup> Century Criticism and Theory**

Unit – 1 :- Twentieth century criticism beginning from T. S. Eliot to the New criticism

Unit – 2 :- Russian formalism

Unit – 3 :- Structuralism

Unit – 4 :- Post structuralism

Unit – 5 :- Feminist criticism

Unit – 6 :- New Historicism

Unit -7 :- Post colonialism

Unit – 8 :- Introductory essay on development of literary theory

Course outcome 1 :- To familiarize students with the intellectual shifts in the reading of culture language and literature 20<sup>th</sup> century and the emergence of theory and acquaint them with common concepts and notions that are likely to encounter in the reading of theory

**Paper :- 6.3, Nature**

Unit – 1 :- To study concept and ideas have been integral to the understanding of nature in the various ages in England and America

Unit – 2 :- To study drivers texts representing attitude to nature at different points of time in England and America

Course outcome 1 :- This paper will attempt to look at the changing notions of the relationship between humans and nature and culture over the ages

Course outcome 2 :- It seeks to understand the representation of nature in literary text and difference between how men and women depict and respond to nature and to ponder over characterizing nature writing as a completely new genre

Course outcome 3 :- To look at ways through which our understanding and relationship has changed over the centuries as the human race has achieved varying degree of progress and its manifestations in terms of serious environmental crisis

**Paper :- 6.4, Western Mythology : Introducing Classical and Judeo – Christian Myth**

Unit – 1 :- Introduction to myth through figures, stories and episodes from western mythology

Unit – 2 :- Mythical narratives

Unit – 3 :- Myths in literature and study its allegorical and symbolical manifestations in the text prescribed

Course outcome 1 :-To provide a gateway to the reception of mythical ideas and images in western art and literary culture

Course outcome 2 :- To obtain knowledge of a specific range of myths and mythical characters and their functions

Course outcome 3 :- To study the presentation of myths in variety of literary material in poetry, drama and fiction

### **Optional Paper :- 6.5, Linguistics and Socio Linguistics**

Unit – 1 :- Introduction to linguistic

Unit – 2 :- Socio linguistic

Course outcome 1 :- To introduce students to linguistics as the scientific study of language and to familiarize them with different branches as well as key concepts

Course outcome 2 :- To acquaint students with different levels of language organization

Course outcome 3 :- It introduces students on socio linguistic which focus on what happens when actually language is used in society by different sections of people

### **Optional Paper :- 6.6, History of the English Language**

Unit – 1 :- History of the English Language

Unit – 2 :- Language of important literary figure like Shakespeare and Johnson and their contribution to the development of English Language

Course outcome 1 :- It acquainted students with the development of English language from the middle English period till today

Course outcome 2 :- Development of English language in America and its differences from British English

Course outcome 3 :- To familiarize with the language of major English authors like Chaucer, Shakespeare, Milton , Johnson, Wordsworth , Mathew Arnold and T. S. Eliot and their contribution to the development of English language.

### **Philosophy: Semester I, PHI-HC-1016**

Core 1: Indian Philosophy I

CO1:Development of Indian Philosophy

CO2:Carvaka Materialism

CO3:Four Noble Truths; Suffering; Cause of Suffering and Chain of Twelve Links

CO4:Abhidharma Schools: Vaibhasika (*bahya-pratyaksa-vada*);

### **PHI-HC-1026, Core 2: Logic –I**

CO1:Fundamental Concepts of Logic

CO2:Aristotelian Syllogistic Logic

CO3:Venn Diagram

CO4:Set and Its Operations

### **Core 3: Greek Philosophy**

CO1: Myth and Cosmology

CO2: The Sophists and Socrates

CO3:Plato Knowledge and Opinion

CO4:AristotleForm and Matter

**Core 4: Logic II**

CO1:Symbolic Logic: Introduction

CO2:Propositional Logic

CO3: Formal Proof of Validity

CO4: Predicate Logic

**PHI-HC-3056, Core 5: Western Philosophy: Descartes to Hegel**

CO1:Rationalism

CO2:Empiricism

CO3: Kant Possibility of synthetic a priori judgement

CO4: Hegel Dialectic Method

PHI-HC-3066, Core 6: Indian Philosophy II

CO1:Samkhya: Purusa; Prakrti; Causation

CO2:Nyaya: PramanasVaisesika: Padarthas; Atomistic theory of Creation

CO3: Mimamsa: Pramanas

CO4: Samkara: Brahman; Atman; Adhyasa and Avidya

**PHI-HC-3076, Core 7: Ethics**

CO1: Nature, Scope and Utility of study of Ethics

CO2: Virtue Ethics: Aristotle

CO3: Theories of Punishment

CO4: Law of Karma, Varna and Asrama Dharma,

**PHI-HC-4086/ PHI-RE-5016**

Core 8: Contemporary Indian Philosophy

CO1: Aurobindo Evolution Super mind Synthesis of yoga

CO2: Radhakrishnan Religious experience Intellect and intuition Man and his destiny

CO3: Gandhi Religion, Truth, Non-violence Satyagraha, Sarvodaya, Swadeshi Critique of industrialisation, trusteeship

CO4: Vivekananda Universal religion Practical Vedanta Philosophy of education

**PHI-HC-4096/ PHI-RE-6026 Core 9: Philosophy of Religion**

CO1:Nature of Philosophy of religion and its distinction from theology Religious experience Religion and Science

CO2:Proofs for the existence of God: Ontological argument Cosmological argument Teleological argument Moral argumen

CO3:Reason, Faith and Revelation Freedom of Will Immortality of the soul

CO4:Religious language and symbolism Anti religious theories- Materialism and logical positivism Religious Philosophy of Sankaradeva

# **Diploma in Computer Application**

## **PAPER 1.1- Computer Overview (Hardware & Software)**

**CO1: Introduction to Computer and IT:** Brief history of development of Computers, Computer System Concept,

**CO2:Input Devices:** Keyboard, Mouse, Trackball, Joystick, Digitalizing tablet, Scanners, Digital Camera, MICR, OCR, OMR, Bar-Code Reader,

**CO3:Storage Devices:** Storage Fundamentals – Primary Vs Secondary Data Storage and Retrieval methods –

**CO4:Computer Software:** Need, Types of Software's – System Software, Application Software. System Software – Operating System

## **PAPER 1.2- MS OFFICE PACKAGES (XP/WINDOW 7)**

**CO1:MS Word Basics:** Introduction to MS Office; Introduction to MSWord; Features & area of use, Working with MS Word; Menus &Commands; Toolbars

**CO2:MS Excel:**

Introduction and area of use; Working with MS Excel; concepts of Workbook& Worksheets; Using Wizards; Various Data Types;

**CO3:MS Power Point:** Introduction & area of use: Working with MS Power Point; Creating a New Presentation;

## **PAPER 1.3- DESKTOP PUBLISHING (DTP)**

**CO1:PAGE MAKER 7:** Page maker-An introduction, basic menus & tools, Guides & rulers, Drawing tools, Fills & outlines,

**CO2:DESIGNING USING COREL DRAW:** Coral draw- An overview, menus and tools, Drawing- lines, shapes, inserting pictures, objects, tables, templates,

**CO3:WORKING WITH PHOTOSHOP:**Photoshop-History & introduction, the file menu, the tools, drawing lines & shapes, inserting picture & shapes, filling colors, text effects,

## **PAPER 1.4- DATA COMMUNICATION & NETWORKING**

**CO1:DATA COMMUNICATION AND NETWORKING:** Introduction, Objectives, Data Communication, Basic Elements of a Communication System,

**CO2:COMMUNICATION PROTOCOLS:** Data sequencing, Data Routing, Flow control, Error Control, Data Transmission Modes-SimplexHalf-duplex, Full-duplex

**CO3:DIGITAL AND ANALOG TRANSMISSION:**Analog Signal, Digital Signal, Asynchronous and Synchronous Transmission,

**CO4:COMPUTER NETWORK:** Types of Networks-Local-Area Networks (LANs), Wide-Area Networks (WANs), TopologyProtocol, Architecture, Local Area Network (LAN),

## **PAPER 1.5- C PROGRAMMING**

**CO1:C Language – Character set Tokens of C - tokens-constant-keywords and identifiers - variables- data types-**

**CO2:Control Branching and Decision-Making in C - If statement Switch statement - GOTO statement - The? : Operators.-**

**CO3:File Maintenance in “C”:**Defining, Opening and closing a file - Input/output operations on a file- random access to file - command line arguments.

CO4:**User Defined Functions:**Form of “C” functions- calling a function - nesting of functions - recursion - functions with arrays.

### **PAPER 2.1- OOPS CONCEPTS WITH C++**

CO1:Introduction of OOPS, Procedural Vs Object Oriented ProgrammingClasses, Object, Data Abstraction, Encapsulation,

CO2:Constructor & Destructor- Parameterized Constructor Multiple Constructor in a Class, Constructors with Default Arguments,

CO3:Working with Files – Introduction, Classes for File Stream Operation, Opening & Closing Files, Detection of End of File,

CO4:Exception handling - Exception Handling Fundamentals, The try Block, the catch Exception Handler The throw Statements,

### **PAPER 2.2-ACCOUNTING PACKAGE (TALLY 9)**

CO1:**Accounting Concepts:**Concepts of Accounting, Manual Vs, Computerised Accounting, Golden Rule, Accounting Equation etc.

CO2:**Accounts Configuration & Classification:**Features & Configuration, options for company maintaining accounts

CO3:**Account Masters and Vouchers:**Working with Account Masters, viz, Group, Ledger, Cost Centre andCategory,

CO4:**Final Accounts:**Viewing Balance Sheet, P& L Account, TrialBalance

### **PAPER 2.3 - DATABASE MANAGEMENT SYSTEM (DBMS)**

CO1:Database Management System- Basic concepts, Data base &Database users Characteristics of Database

CO2:Relational Model, Languages & Systems, Relational data model & Relational Algebra, Relational Model Concepts, Relational Model Constraints,

CO3:Conventional data models & systems, Network Data model & IDMS systems, Membership types and options in a set

CO4:currency control & Recovery Techniques, Concurrency control Techniques, Locking Techniques, Time stamp ordering,

### **PAPER 2.4 – INTERNET & WEB DESIGNING (HTML)**

CO1:**E-Commerce** :Meaning, Objective, challenges and opportunities,Electronic data, interchange-concept of EDI,Requirements of EDI, benefits of EDI,

CO2:**Internet Basic & Electronic Communication:**Internet Basic, Internet, Domainsnetworking, E-mail, Internet Technology,

CO3:**Web Design For E –Commerce:**Rules for Web Designing, structure ofWeb pages.

CO4:**HTML:**concept of HTML, HTML organization, creation of HTMLfiles, HTML- editor, Tags and attributes of HTML,

### **PAPER 2.5 - PROJECT**

Each student has to complete a project in second semester. The project will be assigned by the internal guide from the institute. As far as possible individual projects are to be allotted to students. However, in case of larger project two or three student work in group. In such a case each student should work on a separate or distinct module. Student should submit the project individually. The project report submitted by the student shall be evaluated separately by the

internal guide and the external examiner appointed by the College. Project work may be carried out in the institution or outside with prior permission of the institute.