# GOVERNMENT COLLEGE FASTERPUR, DISTT.-MUNGELI (C.G.)

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### DEPARTMENT OF ENGLISH

#### **COURSE OUTCOME**

The Department of English of Govt. College Fasterpur seeks to foster the intellectual development of its students by encouraging study of literature and writing. The Department strives to make its pass and programme students familiar with a wide range of works of British writers in particular and World literature in general with a special focus on Indian writings in English. The issues of culture, history, gender, race, ethnicity, politics are addressed and negotiated in the process of imparting knowledge of English literature in its pluralistic forms, to help student develop a critical mindset of their own. The Department wishes that each student who graduates with a BA in English from GCB, will have an enduring interest in language and literature, an awareness of their historical and cultural legacies, knowledge of complexities of human existence, the political and social upheavals and its bearing on literature, an understanding of the ability of great literature to arouse and challenge people to struggle with insightful questions of human identity and values. With the introduction of the syllabus by Sant Atal Bihari Vajpayee Vishwvidayalya Bilaspur, the Department of English is now offering Under graduate Foundation Course English as a Second Language., While students from first year will continue with the B.A, B.Sc., and B.Com Part I+II+III pattern.

### COMPULSORY ENGLISH (B.A., B.Sc., B.Com. I, II, III)

The main purpose of this course is to equip the students with the nuances of the English language which includes proficiency in grammar and its effective usage in speaking and writing. It further helps them to prepare for various competitive exams and to keep up with the increasing demand for English in Indian society and at the global level. It also develops their overall confidence and personality.

- Enhance language through a task-based & learner centric syllabus π Familiarize with various aspects of our new state of Chhattisgarh.
- Carry out all the LSRW skills
- Channelize energy through soft skills and Value orientation π Learn good English to prosper in professional and personal lives
- Become proficient in English for global competency
- The students of General English Three years Course learn the use rather than usage of English.
- They develop their critical thinking capabilities focused through the course as an important need.
- Through the selected text, the students are exposed to a range of contexts where the language is used to meet a variety of real life communication needs.
- The students learn/are equipped with the practical, emotional, intellectual and creative aspects of language by integrating knowledge and skills.
- The text focuses on readability, reachability and testability. The students can successfully pass the three years exam at the undergraduate level by the Sant Gahira Guru University Sarguja.
- The exercises and the pre & post reading activities in the text draw the student into the book and make them to read it with understanding and insight and also encourage them to think beyond the text.
- The students gain ample practice in writing skills. They can write essays and reports and differentiate between objective and subjective writing.
- They become aware of the varieties of English through inputs in British and American Vocabulary. They are also exposed to different literary genres of prose and poetry.

# Department of Hindi Govt. College Fasterpur

#### Programme Outcome B. A. Hindi

PO1- छात्रों को हिन्दी भाषा की उत्पत्ति, विकास एवं उपभाषाओं एवं बोलियों का ज्ञान प्राप्त कराना। PO2- छात्रों में हिन्दी के कवियों एवं लेखको की सृजनात्मक लेखन का ज्ञान कराना। PO3- छात्रों को हिन्दी व्याकरण एवं भाषा शुद्धियों का ज्ञान कराना। PO4- छात्रों में हिन्दी साहित्य के इतिहास के विकास क्रम एवं लेखन परंपरा के संबंध में ज्ञान विकसित कराना। PO5- छात्रों में साहित्य के प्रति भावात्मक अभिरूचि विकसित कराना। PO6- छात्रों में छत्तीसगढ़ी साहित्य के प्रति अभिरूचि विकसित कराना। PO6- छात्रों में छत्तीसगढ़ी साहित्य के प्रति अभिरूचि विकसित कराना। PO6- छात्रों में छत्तीसगढ़ी साहित्य के प्रति अभिरूचि विकसित कराना। PS01- हिन्दी भाषा का बोध कराना। PSO2- हिन्दी साहित्य का ज्ञान कराना।

PSO4- राष्ट्रभाषा एवं राज्यभाषा के रूप में हिन्दी का विकास करना।

PSO5- भाषा के माध्यम से सांस्कृतिक एकता के सूत्र विकसित करना।

# **Department of Political Science**

# **Program Outcomes: B. A. Political Science**

After completion of B. A. Programme students should be able to Students enable to increase understanding of basic facts and concepts about the Indian Political system, including its history, Constitutional and legal foundations, leading Political Values and ideas, governing institutions and Policymaking processes. Students enable to increase understanding of Political science research and analytical skills including the ability to think critically; to construct logical arguments; to collect analyze and interpret evidence and data and to formulate reasoned conclusions.

#### Programme Specific Outcomes B. A.

#### (Political Science)

On completion of the B. A. (Political Science) Students are able to:

PSO1- Work as a teacher in college's schools and high schools.

PSO2- Work in elections and Political as well as administrative system.

- PSO3- Creating appropriate and efficient political leaders.
- PSO4- Getting knowledge of constitution of India.
- PSO5- Study from competitive examination point of view.

#### **Course Outcomes**

#### **Political Theory**

Analysing what is Politics and explaining the approaches to the Study of Political Science Traditional Behavioural post Behavioural, Feminist, Nationalism.

CO1- Explaining the concept of state sovereignty: monistic and Pluralistic Theories.

CO2- Assessing the theories of state (Origin, Nature, Fuctions) Contract Idealist and Equality theories. CO3- Explaining the kinds of Government: Unitary and Federal, Parliamentary and presidential.

CO4- Discussing the Organs of Government: Executive Legislature and Judiciary. Theory of separation of powers and checks and balances.

#### **Indian Government and Politics**

CO1-Introducing the Indian constitution with a focus on the role of the constituent Assembly and examining the essence of the Preamble.

CO2- Examining the Fundamental Rights and duties of Indian citizens with a study of the significance and status of directive principles.

CO3- Critically analysing the important institutions of the Indian Union: The union Executive president, vice president, council of ministers and prime minister. Union legislature: parliament Lok sabha and Rajya sabha. Parliament procedure.

CO4- Critically evaluating the Indian party system, Election commission and Election Reforms National and regional parties.

CO5- Evaluating the major issues of Indian politics Caste, Religion, Language and Region. Panchayati Raj System.

### **Political Thought**

- CO1- To understand the Plato: Ideal state Justice, Education, Communism, Philosopher king.
- CO2- Providing an insight into the dominant features of western Political Thought: Plato, Aristotle,

Machiavelli, Hobbes, Locke, Rousseau and Marx.

- CO3- Analysing Marx's concept of freedom and democracy: Nature, Features and critiques.
- CO4- Analysing the nationalist thought of Ambedkar.

CO5- Discussing the nationalism of Gandhi: Truth, Nonviolence, satyagrah and Political Thoughts.

#### **Comparative Government and Politics**

CO1- Getting information about the system of the British Constitution: Evolution, Salient features,

Executive and Legislature judiciary.

CO2- Knowing about the Constitution of USA: Salient Features, Executive, Legislature and judiciary.

CO3- Exploring the constitution of china: Salient Features, Executive, Legislature and judiciary, communist Party.

CO4- Making a comparative analysis of the institutions of UK, USA, China and Switzerland.

# **International Politics and Foreign Policy of India**

CO1- Explaining scope and subject matter of International Relations as an autonomous academic discipline.

CO2- Study of the relations of India with neighbouring countries.

CO3- Student enable to analyse importance of International relation in process of nation progress.

CO4- Students enable to understand the foreign Policy of India: Determinating elements, characteristics Non-Alignment: meaning, features, relevance.

#### **Public Administration**

CO1- Explaining the nature, scope and evaluation of Public Administration: Private and public Administration.

CO2- Discussing making of public policy making and methods of Implementation.

CO3- Analysing the major concepts in Public administration. CO4- Analysing the civil Service in India.

# **Department of History**

# History of India (From Beginning to 1206 A.D.)

CO1- Understand the salient features of Indus valley civilization.

CO2- Evaluate the features of Buddhism and Jainism.

CO3- Visualize the administration of Maurya's and the art and architecture of Maurya's.

CO4- Identify the administration of Guptas and their contribution of Nalanda University.

CO5- Examine the Arab conquest of sindhu and the battle of Tarain.

CO6 Introduction of Chhattisgarh – geographical condition, nomenclature, Regional and prominent dynasties, kalchuri dynesty.

# History of the World (1453 A.D. to 1890 A.D.)

CO1- Describe the Geographical discoveries and the Renaissance movement in Europe.

CO2- Assess the cause and effects of Reformation and Counter Reformation movements.

CO3- Describe – Mercantilism, Colonialism the Industrial Revolution.

CO4- The American war of Independence the French Revolution (1789 A.D.) causes and Impact the Napoleon era.

CO5- Conservatism: Vienna congress, Metternich; Internal and External policies.

CO6- The Eastern Question; Causes, Crimean war, Berlin congress Unification of Italy and Germany.

# **History II Year**

# History of India (from 120 A.D. to 1761 A.D.)

CO1- Understand the foundation of the Delhi sultante and the sultante administration.

- CO2- Identify the condition of India under the Mughal Empire.
- CO3- Explain the administration and art and architecture of sultante and Mughals.

CO4- Recognise the socio, economic and religions conditions under Vijayanagar Empire.

CO5- Analyse the rise of the Marathas and the contribution of Shivaji.

# History of the World (1789 A.D. to 1871 A.D.)

CO1- The Revolution of France from 1789 to 1815 A.D. National convention, Administration of directory.

CO2- Rise Achievement and the downfall of Napoleon Bonapart.

CO3- Vienna congress and the concept of Europe Age of Metternich the Revolution of 1830 A.D. and 1848 A.D.

CO4- Liberalism in England Reforms of 1832 A.D. and 1867 A.D.

CO5- Nationalism in Europe; Unification of Italy and Germany.

# **History III Year**

# History of India from 1761 A.D. to 1950 A.D.

CO1- Extend of British Empire: Carnatic war, Baksar war, and Plasi war. Subsidiary alliance.

CO2- Commercialism: Industry and Business collapse permanent settlement: Ryatwari, Mahalwari.

- CO3- Indian renaissance-Social and Religious reform.
- CO4- The revolution of 1857 Gandhian movement.
- CO5- Constitutional development of India-Diarchy of 1919 and specialty of constitutional of India.

# World History from 1871 to 1945 A.D.

CO1- The third Republic of France foreign policy of William II.

- CO2- Modernization of Japan, Russo-Japanese war 1905 A.D. Chinese Revolution 1911 A.D.
- CO3- Eastern problem: Berlin congress, Young Turk Revolution and Balkan wars.
- CO4- Warsai Treaty. CO5- United Nations.

# **Program Specific Outcomes**

PSO1- A History graduate can find employment with archaeological survey of India or with private firms related to archaeology.

PSO2- For History graduates the option of public service is always open.

PSO3- Work as a teacher in schools and High schools.

PSO4- Serve as conservator and tourist guide in historical movements. PSO5- NGOs and social welfare organization also employ BA History graduates.

# Program Outcome of B.A.

PO1- Students will increase their understanding of the culture and society in which they live.

PO2- Students will understand the historical and Organisational foundation of the American education system and be able to address contemporary issues in the teaching profession.

# **Department of Botany**

# Programme outcome B. Sc. Botany

### After awarding degree of Bachelor- B. Sc. With Botany students will be able to -

PO1- They shall be full of Scientific temperament.

PO2- They shall be able to see the thing in a scientific way.

PO3- They shall be able to perform practical work.

PO4- Students shall be able to deal with the topics related to cell biology, genetics and Biochemistry.

PO5- They will be able to discuss on lower plants, Cryptogams and phanerogams.

PO6- They will be able to explain morphological characters, Anatomical character of a plant.

### **Programme Specific outcomes**

PSO1- Students shall be able to explain the functioning, utilisation and important of a plant in their surrounding.

PSO2- They shall be able to clarify the systemic of plant according to morphological characteristics.

PSO3- They shall be able to explain the experimental demonstration of plants to the others.

PSO4- They shall be able to understand the developmental biology. PSO5- They will be able to discuss on lower plants, Cryptogams and phanerogams.

PSO6- They will be able to explain morphological characters, Anatomical character of a plant.

PSO7- They shall be able to clarity difference between divisions of plant kingdom.

PSO8- Students shall be able to explain the concept of biotechnology, genetic, engineering, gene mapping and Tissue culture.

PSO9- They shall be able to understand concepts of Biomolecules, Biochemistry and physiology of plants.

#### Course outcome

# B. Sc. I (A)

#### Bacteria, Viruses, Fungi, Lichens and Algal

CO1- They shall understand the general features, structures, reproduction and economic importance of microbes.

CO2- Students shall be able to understand habit, habitat, cellular composition, nutrition, reproduction of fungi and Algae and their association.

CO3- Students shall be able to identify the useful and harmful fungi and their use in life.

CO4- They shall be able to explain the value of lichens.

# B. Sc. I (B)

### Bryophytes, Pteridophytes, Gymnosperm and Palaeobotany

CO1- To identify the characteristics, affinities, range of thallus organisation, classification and ecological importance of Bryophytes, Pteidophytes and gymnosperm.

CO2- Students shall be able to explain the different type of gymnospermic plant with their morphological characteristics.

CO3- Students shall be able to understand the use of fossil to study the plant as well as importance of geological era.

# B. Sc. II (A)

# **Diversity of Seed Plants and their Systematics**

CO1- Students shall be able to understand the classification of different taxonomists.

CO2- They shall be able to understand the relation of taxonomy to cytology, phytochemistry and taxometrics.

CO3- Students shall be able to understand Principle and rules, taxonomic rank, Principles of priority of Botanical nomenclature.

# B. Sc. II (B)

# Structure, Development and reproduction in flowering plants

CO1- Students shall be able to understand the morphological, Anatomical and developmental structures of plants.

CO2- They Shall understand the histological organisation and vascularisation of plants.

CO3- Students shall be able to understand the horticultural concepts, vegetative propagation grafting and economic aspects.

# B. Sc. III (A)

# Plant Physiology, Biochemistry and Biotechnology

CO1- Students shall be able to understand physiological process of plants and relationship of plant to water, soil, and organic substances.

CO2- They shall be able to deal with enzymology, growth and developmental process of plants.

CO3- They shall be able to understand the basic concepts of genetic engineering and Biotechnology.

# B. Sc. III (B)

# **Ecological and Utilisation of Plants**

CO1- Students shall be able to understand the biological and physical factors of environment and their existence and importance to environment.

CO2- Students shall be able to explain the functioning of ecosystem.

CO3- They shall be able to Explain about economically important plants.

CO4- They shall be able to explain the ecological related topics.

# **Department of Zoology**

# Three year degree course in zoology a student should be able to....

Programme outcome

PO1- Depict, carry out &learn of major concept in zoology.

PO2- develop an awareness of the impact of zoology on the atmosphere.

PO3- to ingrain scientific temperament in the student.

PO4- understand the phylum history and evolution of chordates &non – Chordates by graph /picture/model etc.

PO5- to study and understand the micro-organism and their pathogenicity, sings .symptoms & prevention.

### **PROGRAMM SPECIFIC OUTCOME**

B. Sc. - I

PSO1- Gain the knowledge about structural organization of Animal and their component.

PSO2- understand the embryological stage and their role.

PSO3- to study and understand the vertebrate & invertebrate and their Physiology and anatomy.

PSO4- understand the cell transformation .immunity & cancer.

### **First paper**

### **COURSE OUTCOME**

#### 1. The Cell & their component

CO1- Understand the structure & function of cells and their component.

CO2- understand the DNA&RNA .structure and Importance.

# 2. Cell transformation and immunity

CO1- to study the cell transformation & cancer and their agent.

CO2- understand about immunity and their role .transplant rejection.

#### 3. INVERTEBRATE& UNICELLULAR ANIMALS

CO1- to study the internal as well as external character of Vertebrate.

# 4. PATNOGENIC VECTOR

- CO1- understand about pathogenic vector and their life cycle in Different types of host.
- CO2- To study the pathogenicity, prevention, sings, and symptoms.

#### 5. PHYLLUM-MOLLUSCA AND ECHINODERM

- CO1- To study the classification & general character of Mollusca and their role in pear/formation.
- CO2- uses as a source of sea food, and economic importance.

# B. Sc. I

#### Second paper

#### **COURSE OUTCOME**

# **1. HEMICHORDATA AND PROTOCHORDATA**

CO1- to study the evolutionary importance of hemichordate & protochordata .

CO2- understand the character, histology and affinities of hemi & protochordates.

# 2. FISH, AMPHIBIA, & REPTILES HISTOLOGY AND PARANTAL CARE

CO1- understand the method of parental care in fishes and amphibian.

CO2- understand about migration of fishes, poisonous and non -poisonous snakes. & antivenin.

# 3. BIRDS & MAMMALS

CO1- the flight adaptation system of birds

CO2- to study the different types of mammals their adaptation and affinities.

# 4. PARTHENOGENESIS, EMBRAYOLOGY OF CHICK & FROG

CO1- understand the formation of different types of organ of chick and frog.

CO2- understand the artificial fertilization and their role.

# 6. REGENERATION, PLACENTA & EMBRAYONIC MEMBRANE

CO1- the extra embryonic membrane and their role.

CO2- study the types of placenta in different organism. CO3- understand the cell repair method in the organism.

# B. Sc. II

# Program specific outcome -

PSO1- Understand the comparative anatomy of various organ system. Of vertebrate by picture .model & Slide, graph.

PSO2- Know about cellular organization.

PSO3- Understand the physiology –heart, muscle, nerve, ear & eye.

PSO4- Understand the blood coagulation system and their type's .through practical.

PSO5- To study the hormones receptor .hormones gland .and their disorder.

PSO6- To study and understand the evolutionary biology.

PSO7- Understand the method of apiculture, pisciculture .sericulture .etc.

PSO8- Understand the parturition and their abnormalities.

PSO9- To study about ethology & their pattern. Commented [RP1]:

# **Course outcome**

# Paper I

1. INTEGUMENTORY, ALIMENTORY & RESPIRATORY SYSTEM

CO1- Understand the role of integument in adaptation, evolution and protection.

CO2- to study the digestive & Respiratory system.

2. SKELETON, URINOGENITAL & CIRCULATORY SYSTEM

CO1- To study the evolution of heart &kidney, aortic arch and urogenital system.

CO2- understand the skeleton system in the chordate and their role.

3. ENDOCRINE GLAND & NERVOUS SYSTEM

CO1- to study the different types of endocrine gland and their role in the chordate.

CO2- understand about nervous system and their types by model and graph.

- 4. PHYSIOLOGY OF DIGESTION & RESPIRATION
- CO1- To study and understand the mechanism of digestion and absorption ,
- CO2- understand the mechanism and control of breathing and cardiac cycle.
- 5. OSMOREGULATION, EXCRETION & STRUCTURE OF EYE AND YEAR
- CO1- understand the mechanism of osmoregulation .nerve impulse and excretion.

# PAPER -II

# COURSE OUTCOME

# **1. ENDOCRINOLOGY**

- CO1- to study the general character, action and disorder of hormones.
- CO2- understand the role of hormones and their disorder.

# 2. REPRODUCTIVE BIOLOGY

- CO1- Understand the Reproductive cycle in vertebrates
- CO2- To study the Lacto genesis and pregnancy and parturition
- CO3- Understand the Genic Labours related problem and their Disorder.

# 3. Evolutionary Biology

- CO1- Understand the process of evolution and their evidences.
- CO2- Understand the evolution factor and their role.

# 4. Ethnology Drugs and Envious

- CO1- Understand the role of behaviours in adaptation and different stager of ages.
- CO2- Understand the drugs behaviours and their disorder.

# 6. Element and pest control and culture

CO1- To study the method of apiculture pisciculture sericulture, Poultry keeping and their economic Importance.

CO2- Understand the biological and chemical method for pest control. Commented [RP2]:

# B.Sc –III

# PROGRAM SPECIFIC OUTCOME

PSO1- To stady and understand the aims & scope of ecology .

PSO2- solve the problems and also think methodology and draw a logical conclusion .

PSO3- to study the general & applied microbiology and their role .

PSO4- understand about pathogenic micro- organism their symptoms and treatment.

PSO5- Study and understand the DNA recombinant technique and cell physiology.

# **COURCE OUTCOME - PAPER - I**

**1. ECOLOGY** –to study the major ecosystem of the world .population & communities, and succession.

CO1- to study about pollution and their pathogenic effect.

# 2. ENVIRONMENTAL BIOLOGY

CO1- understand the ecological interaction and their role in the environmental stability.

CO2- to study the environmental conservation & environmental impact assessment .

# **3. TOXICOLOGY**

CO1- understand about different type of toxic material and their fatal period treatment.

CO2- and also animal poison sings & symptoms and treatment .

### 4. medical microbiology

CO1- understand about the pathogenic micro-organism & their vector and treatment .

### 5. Microbiology

CO1- to study the advantages of micro – organism and their role in hormones, antibody and alcohol production.

CO2- understand the process of water and sewage treatment.

### PAPER -II

### **COURSE OUTCOME**

1. GENETICS- understand the gene interaction and expression method.

CO1- understand the chromosomal disorder & single gene disorder .

### 2. CELL PHYSIOLOGY

CO1- to study the general idea about buffer and pH system.

CO2- understand the cell membrane transportation & their role in the metabolic activity.

#### 3. BIOCHEMISTRY

CO1- to study the basic structure & function of amino acid.

CO2- understand the metabolism of carbohydrates, protein and lipid,

# 4. **BIOCHEMISTRY**

- CO1- -understand the scope & importance of biotechnology.
- CO2- to study the recombinant DNA technology and their application.

# **5. BIOTECHNIQE**

- CO1- to study the separation method of biomolecule by chromatography, centrifuge.
- CO2- types of microscopy and their uses.

# **Department of chemistry**

After successful completion of three year degree program me in chemistry a student should be able to-

# Program outcomes:-

# **B.Sc. Chemistry**

PO (1) Demonstrate & an understanding of major concepts in all disciplines of chemistry.

PO (2) Solve the question & also think concept and Independently draw a logical conclusion.

PO (3) Employ critical though and scientific knowledge to design record and analyze the results of chemicals reaction.

PO (4) Developed an awareness of the impact of chemistry on the environment, society and development the scientific community.

PO (5) Find out the Green path for chemical reaction for sustainable development.

# Program specific outcomes:

PSO (1) Obtain the knowledge of chemistry through theoretically & practically.

PSO (2) To describe nomenclature, stereo chemical, structure, reactivity& mechanism of the chemical reaction.

PSO(3) Understand chemical formula solve numerical questions.

PSO (4) Use latest chemical tools, modes, charts & equipment's.

PSO (5) Understand better laboratory practices and safely.

PSO (6) Developed research related skills and Innovative technique.

# Course outcome B.Sc. 1st year

# After completion of these courses students should be able to:-

# (1) Inorganic chemistry

- CO (1) To understand the including effect & other field effect.
- CO(2) To discuss the crown ether & inclusion compound.
- CO (3) Knowledge about the intermediate like carbocation, carbanion, carbene, nitrene like etc
- CO (4)knowledge the hybridization in molecules.

# (2) Organic chemistry

- CO (1) Define organic acids & base.
- CO (2) Distinguish between geometrical & optical isomers.
- CO (3) Know kinetic, mechanism and steriochemistry SN1& SN2 reaction.
- CO(4) Compare between E1 and E2 reaction.

# (3) Physical chemistry

- CO(1) To discuss about Gaseous theory.
- CO (2) To know the solid state theory and Braggs equation.
- CO (3) Discuss the colidal state and Tindal effect in surface chemistry.
- CO (4) Knowledge the rate of reaction & order of reaction first, second & third order reaction.

Practical course outcome

CO(1) To know about two acid radical and two basic radical to separate in inorganic mixture.

CO(2) Knowledge about identification of functional group in given organic compound.

CO(3) To understand the calculation of surface tension with the help of stalagmometer stand pycnometer.

### Course outcome B.Sc. 2 nd year

### After completion of these courses students should be able to:-

# (1) Inorganic chemistry

- CO (1) Understand the electronic configuration & varies properties of d & f block elements.
- CO (2) Know the VBT theory for complexes.
- CO(3) To understand the extraction methods for lanthanides & acteniods.
- CO (4) Know the electronic spectra of elements.

### (2) Organic chemistry

- CO (1) To understand the monohydric, dihydric and trihydric alcohol.
- CO (2) Know the benzoin condensation and various name reaction.
- CO (3) Knowledge the heterocyclic compound and their synthesis.
- CO (4) Understanding the amine acids, lipids and other biomolucular compound .

### (3) Physical chemistry

- CO (1) Knowledge the thermodynamic 1 st, 2 ndand third low of thermodynamic.
- CO (2) To understand the cell reaction and cell rotation.
- CO (3) Know the nernest equation and Gibb's free energy.
- CO (4) Discuss about the corrosion.

#### practical course outcome

- CO (1) Discussion about synthesis and analysis by preparing the standard solution given.
- CO (2) To knowledge about functional group specific group identification in given organic compound.

CO (3) Know the determination of transition temperature by thermometric method of MnCl2 or SrBr2 technique.

CO (4) To understand chromatography

#### B.Sc. 3 rd year

#### Course Outcomes –After completion of these course student should be able to

#### (1) Inorganic chemistry

- CO (1) Know the metal ligand bonding nature & its properties.
- CO(2) Study the magnetic properties and its behavior.
- CO (3) Get knowledge about Bioinorganic chemistry.
- CO (4) Study about Essential& toxic element.

# (2) Organic chemistry

CO (1) To study UV, IR, & NMR , ESR spectroscopy

- CO (2) Discuss about electronic transition molecule.
- CO (3) Knowledge about synthetic dyes & Rubbers.
- CO (4) Understand the organometallic chemistry & its daily use.

# (3) Physical chemistry

- CO (1) Understand the completion effect & black body radiation.
- CO (2) Know about Hook's law.
- CO (3) Discuss about jablonski diagram.
- CO (4) Knowledge the result's law .

# **Practical course outcome**

- CO(1) To study binary mixture with removal of borate and phosphate.
- CO(2) Perform the binary mixture.
- CO(3) Preparation of organic compounds their purification and run. TLC
- CO(4) Determination of physical constant M.P. & B.P.

CO(5) Determination specific relations and percent age of to optically active substance by polarometrically.



GOVERNMENT COLLEGE FASTERPUR, DISTT.-MUNGELI (C.G.)

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# **Programme Outcome**

Bachelor of Commerce is the graduation course started in 2008 with the establishment of College. It's main objective is to aware the students regarding commercial language of business enterprises, legal rules relating to business, sole proprietorship, partnership firms, Hindu Undivided Family and Company. Students learn about the company law, Contract Act which is fruitful to the real life of the people and business applicability. Students learn how to enter into a contract. Essential elements of Contracts are taught which is very important to the real life. Business organizations and management, principles of management, wages theory are included in the syllabus. In Business Economics students learn about micro economics, factors of production, national income.

# **Course Outcome**

Bachelor of Commerce is a three years undergraduate course. Course includes six subjects in each year.

# **B.Com. First Year:**

# Group: 1

**Subject: Financial Accounting:** students are benefitted by the knowledge of basics of financial accounts in which golden rule of accounting, accounting concepts & principles, equation, journals, ledger, trial balance and final accounts as income statements like trading, P&L a/c, Financial Position (Balance Sheet). Bank reconciliation statement is directly related to rectify the transactions of bank passbook and bank statement. Students can apply this knowledge in various field of accounting. Tally is software package for accounting.

# Group: 1

# Subject:Business Communication:

- To understand the basic elements and classification of communication.
- To develop knowledge about evaluation of communication thoughts.
- To enhance their writing skill and report writings.
- Better communication skill and interview techniques.
- Effective listening and proper feedback.

# Group: 2

# Subject: 1. Business Mathematics:

- 1. To understand the basic calculations and simplest techniques of calculation.
- 2. To provide practical knowledge regarding simple interest and compound interest.
- 3. Ratio and proportion is taught which is practically used in the real life.
- 4. Average and percentage is used everywhere.
- 5. Logarithm is used to calculate large numbers.

# Group: 2

# Subject: 2. Business Regulatory Framework

• To help the students to understanding about the Law of contract in which proposal, acceptance, consideration, legal object, capacity of the party entering into the contract.

• To introduce the concept of sales, its rules and regulations and remedies for the unpaid seller.

• Negotiable instruments are dealt with the students in which cheques, bills of exchange, promissory notes etc.

• Consumer Protection Act is very essential to the present scenario which is taught to the students.

# Group: 3

# Subject: 1. Business Environment:

- Knowledge of Basics in business environment is provided to the students.
- Environmental protection awareness is spread among the students.
- Theory of monetary and fiscal policy, globalization, and devaluation of money is discussed.
- Balance of trade and balance of payments is included in the syllabus.
- Students are provided the knowledge regarding WTO, UNCTAD, World Bank, IMF and its implication on trade.

# Group: 3

# Subject: 2. Business Economics:

- Students are provided the knowledge about micro economics, macroeconomics.
- Concepts of demand and supply, factors of production.
- National income is taught which is very important to the students.
- Pricing policy in perfect competitive market, monopoly, monopolistic competition.

# B.Com. Second Year:

Group 1:

# Subject: 1. Corporate Accounting:

Corporate account



### Programme Outcome

Bachelor of Commerce is the graduation course started in 2008 with the establishment of College. It's main objective is to aware the students regarding commercial language of business enterprises, legal rules relating to business, sole proprietorship, partnership firms, Hindu Undivided Family and Company. Students learn about the company law, Contract Act which is fruitful to the real life of the people and business applicability. Students learn how to enter into a contract. Essential elements of Contracts are taught which is very important to the real life. Business organizations and management, principles of management, wages theory are included in the syllabus. In Business Economics students learn about micro economics, factors of production, national income.

#### **Course Outcome**

Bachelor of Commerce is a three years undergraduate course. Course includes six subjects in each year.

### **B.Com. Second Year:**

Group: 1

### SUBJECT: 1. CORPORATE ACCOUNTING:

- Students learnt about share and debenture.
- Valuation of shares and redemption of debenture is taught to the students.
- Company final account is essential to know at this competitive era.
- Merger and acquisition is the trending features of the era, thus it is important for all students.

#### SUBJECT: 2. COMPANY LAW:

- Students are made aware of the company law 2013 in which new salient features are included.
- Types of company and its formation is essential to know every students.

• How company is incorporated and started its business in the market, all rules and regulations are explained.

# Group: 2

#### SUBJECT: 1. COST ACCOUNTING:

- Costing is essential to every manufacturing concern.
- Unit costing and cost sheet is taught to the students.
- Job Costing and Batch Costing is important.
- Contract costing is very useful to the real life.

### **SUBJECT: 2. Principles of Business Management**

- To introduce the meaning and scope of Business Management.
- Induce students by motivational theories.
- Understand the concept of planning decision making.

• Introduction on Managerial control.

# Group: 3

### **SUBJECT: 1. Business Statistics**

- To understand the basic knowledge about statistics.
- To provide practical Exposure on calculation of measures of central tendency.
- To provide practical approach on correlation and regression.
- To understand the concept of Index number.
- Concept of probability and its applications.

### SUBJECT: 2. Fundamentals of Entrepreneurship

- To develop the concept of entrepreneurship and its applicability.
- To create awareness on various entrepreneurial program.
- Entrepreneurial behavior and environment is essential.
- Role of entrepreneurship and its scope.



### Programme Outcome

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#### Course Outcome

Bachelor of Commerce is a three years undergraduate course. Course includes six subjects in each year.

#### **B.Com. Final Year:**

#### SUBJECT: 1. Income Tax

- To introduce the basic concepts of income from all major headings.
- Residential status of the income tax payer is introduced.
- Income from Salary, House Property, Business/Professions, Capital Gains and income from other sources are explained to the students.
- Students are taught about deductions allowed u/s 80C to 80 U.
- Income tax calculation and tax planning is beneficial to the students.

# SUBJECT: 2. Auditing

- To know the nature and scope of auditing.
- To promote the internal check system.
- Audit of Company, partnership firms, PPP Firms etc. are important for the students.
- Auditing is essential in the competitive era.

#### Subject: 3. Indirect Tax

- To develop an idea about Central Excise.
- To enlighten the concept of state excise, CENVAT.
- Enabling the students to have the fair idea on role of customs in international trade.
- To determine the concept of central sales tax and state commercial tax.

#### Subject: 4. Management Accounting

- To enlighten the knowledge of management accounting.
- Helps to give proper idea on financial statement analysis in practical points of view.
- Cash Flow and Fund flow statements are essential in the real world.
- Accounting ratios are very useful to the business.

• Marginal costing and differential costing is important to the students.

# Group: 1

# Subject: 1. Principles of Marketing

- Nature and scope of marketing and applicability of marketing.
- To enhance the knowledge of students on consumer behavior.
- Product life cycle and its stages are very important for the manufacturing concern.
- Pricing policies and sales forecasting are essential for the concern.

# Subject: 2. International Marketing

- To help the students regarding international marketing.
- Identifying and selecting foreign market.
- Trade association and international distribution are taught.
- Importance of foreign trade and EXIM policy.