

OFFICE OF THE PRINCIPAL, DR. SHAKRAJEET NAIK GOVT. COLLEGE
BARAMKELA DIST. – SARANGARH-BILAIGARH (C.G.)

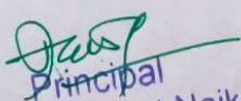
E-mail : ngcb007@gmail.com

Phone No. – 07768-265400

Website : www.govtcollegebaramkela.in

PROGARM OUTCOME

SN.	NAME OF PROGRAM	PAGE NO.
1	B.A. (Bachelor of arts)	2
2	B.Sc. (Bachelor of Science)	2
3	B.Com. (Bachelor of Commerce)	3
4	M.A. (Political Science)	3
5	M.Sc. (Chemistry)	4


Principal
Dr. Shakrajeet Naik
Govt. College Baramkela

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PROGARM OUTCOME

BA (BACHELOR OF ARTS)

Following are the learning outcomes under the Faculty of Arts at the undergraduate level

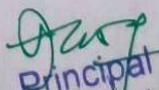
1. Knowledge of human values.
2. Development of ideological revolution.
3. Development of environmental consciousness.
4. Social service awareness
5. Development of creative skills
6. Employment opportunities
7. Creation of future eligible citizens

BACHELOR OF SCIENCE

Following are the learning outcomes under the Faculty of Science at the undergraduate level.

1. Basic knowledge of science.
2. The development of scientific thinking through the study of scientific methods and principles
3. Development of environmental consciousness in the wider context.
4. Understanding the concept and need of sustainable development
5. Ability to solve natural problems and complexities.
6. Knowledge of animal and plant kingdom.
7. Employment opportunity.
8. Development of mathematical and logical intelligence skills in human life.

PRINCIPAL


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PROGRAM OUTCOME

B.Com. (BACHELOR OF COMMERCE)

Following are the learning outcomes under the Faculty of Commerce the undergraduate level

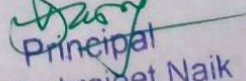
1. Business management knowledge.
2. Basic business knowledge.
3. Development of aptitude for solving business and economic problems and complexities.
- 4 Understanding the economic and commercial changes of the country in the international context.
5. Practical knowledge of finance, marketing, accounting, management with development of Mathematical and statistical aptitude.
6. Knowledge of taxes
7. Employment opportunity.

M.A. POLITICAL SCIENCE

In this college M.A. Following are the program outcomes of courses conducted under Political Science.

1. Knowledge of various political thought.
2. Analytical knowledge of political theories and ideas.
3. Development of ability to solve political problems with knowledge of political system in contemporary contexts.
4. Developing awareness of fundamental rights and duties
5. Helpful in the creation of qualified and aware citizens.
6. Ability to solve problems arising out of political crisis.
7. Knowledge of international, national and local political and administrative systems.
8. Research and development of research aptitude in the political field.
9. Awareness of polity and constitution

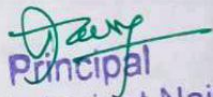
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M.SC. CHEMISTRY

In this college following are the program outcomes of courses conducted under chemistry.

1. Student will be able to demonstrate & apply the fundamental knowledge of the basic principles in various field of chemistry.
2. Create awareness and the sense of responsibility towards environment and apply knowledge to solve the issues related to Environmental pollution.
3. Apply various aspects of chemistry in natural products isolation, pharmaceuticals, dyes. Textiles, polymers, petroleum products, forensic etc. and also to develop interdisciplinary approach of the subject.
4. Apply knowledge to build up small scale industry for developing endogenous product.
5. Enhance the scientific temper among the students so as to develop a research culture and implementation of the policies to tackle the burning issues at global and local level.


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COURSE OUTCOME

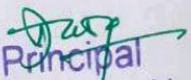
SN.	B.A. I	PAGE NO.	B.SC I	PAGE NO.	B.COM I	PAGE NO.
1	PC: HINDI LANGUAGE	7	PC: HINDI LANGUAGE	7	PC: HINDI LANGUAGE	7
2	FC: ENGLISH LANGUAGE	7	FC: ENGLISH LANGUAGE	7	FC: ENGLISH LANGUAGE	7
3	SOCIOLOGY	7,8	CHEMISTRY	13,14	FINANCIAL ACCOUNTING II BUSINESS COMMUNICATION	15
4	POLITICAL SCIENCE	8	BOTANY	10	BUSINESS MATHEMATICS II BUSINESS REGULATORY FRAMEWORK	15
5	HINDI LITERATURE	9	ZOOLOGY	10	BUSINESS ENVIRONMENT II BUSINESS ECONOMICS	16
6	ECONOMICS	7	PHYSICS	11,12		
7	GEOGRAPHY	9				

SEMESTER - FIRST & SECOND	SEMESTER - THIRD & FOURTH
SUBJECT	SUBJECT
WESTERN POLITICAL THOUGHT	INDIAN GOVT. AND POLITICS
COMPARATIVE POLITICS	INDIAN FOREIGN POLICY THEORY & PRACTICE
PUBLIC ADMINISTRATION	INTERNATIONAL
INTERNATIONAL POLITICS	LAW FEDERAL SYSTEM IN INDIA
MODERN INDIAN POLITICAL THOUGHT	STATE POLITICAL IN INDIA
CONTEMPORARY POLITICAL ISSUES	DIPLOMACY THEORY AND PRACTICE
RESEARCH METHODOLOGY	HUMAN RIGHTS : PROBLEMS & PROSPECTS
INTERNATIONAL ORGANISATION	LOCAL SELF GOVT. IN INDIA


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SEMESTER SYLLABUS**M.SC. CHEMISTRY**

SEMESTER - FIRST & SECOND	SEMESTER - THIRD & FORTH
TITLE OF THE PAPER (S)	TITLE OF THE PAPER (S)
INORGANIC CHEMISTRY	APPLICATION OF SPECTROSCOPY
ORGANIC CHEMISTRY, STEREOCHEMISTRY & PERICYCLIC REACTION	CHEMISTRY OF BIO-INORGANIC & BIO- ORGANIC
PHYSICAL CHEMISTRY - I	PHYSICAL ORGANIC CHEMISTRY
SPECTROSCOPY AND MATHEMATICS/BIOLOGY FOR CHEMISTS	CHEMISTRY OF HETEROCYCLIC COMPOUNDS
INORGANIC CHEMISTRY	PHOTOCHEMISTRY & SOLID STATE CHEMISTRY
ORGANIC CHEMISTRY	BIO-PHYSICAL & ENVIRONMENTAL CHEMISTRY
PHYSICAL CHEMISTRY	MEDICINAL CHEMISTRY
SPECTROSCOPY, DIFFRACTION METHODS & COMPUTER FOR CHEMIST	CHEMISTRY OF NATURAL PRODUCT


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CLASS	SUBJECT	COURSE OUTCOME
B.A. PART – I B.SC. PART – I B.COM. PART - I	F.C. HINDI LANGUAGE	<ul style="list-style-type: none"> • पल्लवन, पत्राचार, अनुवाद, पारिभाषिक शब्दावली एवं हिन्दी में पदनाम। • शब्द शुद्धि वाक्य शुद्धि ज्ञान-पर्यायवाची शब्द, विलोम शब्द, अनेकार्थी शब्द, समश्रुत शब्द, अनेक शब्दों के लिए एक शब्द एवं मुहावरे-लोकोक्तियाँ। • छेवनागरी लिपि – नामकरण, स्वरूप एवं देवनागरी लिपि की विशेषताएं, हिन्दी अपटीत अद्यांश, संक्षेपण, हिन्दी में संक्षिप्तीकरण। • कम्प्यूटर का परिचय एवं कम्प्यूटर में हिन्दी का अनुप्रयोग। • मानक हिन्दी भाषा का अर्थ, स्वरूप, विशेषताएं, मानक, उपमानक, अमानक भाषा। • सामाजिक गतिशीलता – प्राचीन काल, मध्यकाल, आधुनिक काल।

CLASS	SUBJECT	COURSE OUTCOME
B.A. PART – I B.SC. PART – I B.COM. PART - I	F.C. HINDI LANGUAGE	<ul style="list-style-type: none"> • Where the mind is without fear - Rabindranath Tagore • The ideal of Indian art-K. Bharatha Iyer • The wonder that was Indian-AL Basham • The heritage of Indian art - Kapila Chaitanya • The Ramayana and the Mahabharata • Freedom movement in India-Sudhir Chandra • Dandi March-Louis Fischer • Aspects of Indian constitution-M.C. Chagla • Individual Freedom - Jawaharlal Nehru • Fundamental Duties • Delhi in 1957 - Mirza Ghalib • Raja's Diamond - RL Stevenson • Tree-Tina Morris

CLASS	SUBJECT	COURSE OUTCOME
B.A. PART – I PAPER - I	SOCIOLOGY	<ul style="list-style-type: none"> • Sociology Meaning, Nature, scope, Subject matter and significance. Basic concepts: Society, Community, institution, • Association, group, Status and role. • Social Institutions: Marriage, Family and kinship. Culture and society: Culture, socialization, The individual and society, social control, norms and values. • Social Stratification: Meaning, forms and theories. Social Mobility. • Meaning, forms and theories. • Social change: Meaning and patterns, types, factors, evolution and progress. • Social System and process: Social System- meaning,

		characteristics and elements. Social process- Meaning, elements, characteristics and types.
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CLASS	SUBJECT	COURSE OUTCOME
B.A. PART – I PAPER - II	SOCIOLOGY	<ul style="list-style-type: none"> • Classical View about Indian Society: Verna, Asharam, Karma, Dharma and Purusharth. • The Structure and composition of Indian society. Structure; Village, Towns, Cities and Rural Urban Linkage, Compositions: Tribes, Dalits, Women and Minorities. • Basic Institutions of Indian Society: Caste system, Joint Family, Marriage and Changing Dimensions.

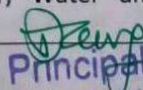
B.A. Part-I Paper-I	Political Science Theory	<ul style="list-style-type: none"> • Meaning and Definition of Political Science (with modern concept). Politics as a specific human behaviour. Power, Authority and influence : meaning, features and kinds. Method of Study to Political Science • State and its essential elements: Marxist theory. Organismic Theory • Sovereignty and its pluralistic criticism. Rights: meaning, kinds and theories. Duties. Liberty: meaning, kinds, safeguards. Equality meaning, kinds and relations with Liberty. Democracy merits and demerits. Direct Democracy. • Kinds of Government: Unitary and Federal, Parliamentary and Presidential. Dictatorship. Organs of Government: Executive, Legislature and Judiciary. Theory of Separation of Powers and Checks and Balances. Constitution meaning and kinds. Theories of representation and Electoral Process • Public Welfare State. Party System: meaning, kinds, process. Pressure Groups: meaning, kinds and technique. Social Change: meaning characteristics, theories. Feminism. Nationalism.
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CLASS	SUBJECT	COURSE OUTCOME
B.A. Part-I Paper-II	Indian Government and Politics (Political)	<ul style="list-style-type: none"> • Indian National Movement: • Constitution of India:

CLASS	SUBJECT	COURSE OUTCOME
बी.ए.प्रथम भाग - एक प्रश्न पत्र - प्रथम	हिन्दी साहित्य	<ul style="list-style-type: none"> • प्राचीन से तात्पर्य है - आधुनिक काल से पूर्व का काल। सही अर्थ में हिन्दी भाषा और साहित्य का विकास आदिकाल से शुरू होता है इसमें धार्मिक तथा ऐतिकासिक दो प्रकार का साहित्य मिलता है जो प्रबंध, मुत्तक, रासो, फागु, सुभाषित आदि विविध काव्यरूपों में अभिव्यंजित है। • मध्यकालीन काव्य में भक्तिकाव्य, जहां लोक जागरण को स्वर देनेवाले है • अच्छे अनुवाद की विशेषताएं, अनुवाद प्रक्रियाएं अनुवादक • संस्कृति और राष्ट्रीय एकीकरण:

CLASS	SUBJECT	COURSE OUTCOME
B.A. PART - I PAPER - I	PHYSICAL GEOGRAPHY	<ul style="list-style-type: none"> • Students able to learn:- • • The Nature and Scope of Physical Geography. Origin of the Earth, Geological Time Scale, Earth's Interior, Continental Drift Theory (Wegner), Plate Tectonics, Isostasy. • Earth movements: Earthquakes and Volcanoes. Rocks, • Weathering, Erosion, and Normal cycle of erosion, Evaluation of landscapes Fluvial, Arid, Glacial, Karts and Coastal landscape. • • Elements of Weather and Climate, Composition and Structure of the Atmosphere. World patterns of Atmospheric Temperature, Pressure, and Wind. • Atmospheric Moisture, and Disturbances, Climatic Classification (Koppen and Thornthwait) • Surface relief of Oceans, Distribution of Temperature and Salinity of oceans and seas, Currents and Tides, Ocean Deposits and Coral Reefs, and Oceanic Resources.

CLASS	SUBJECT	COURSE OUTCOME
B.A. PART - I PAPER - II	HUMAN GEOGRAPHY	<ul style="list-style-type: none"> • Students Able To Learn:- • Human Geography. Man environment relationship; Determinism, Possibilism, and Probabilism; Human Development Index (HDI). • Classification of Human Races - their Characteristics and Distribution, Human adaptation to environment: • Growth, Density and Distribution of World Population and factors influencing Spatial distribution; Over, Under, and Optimum Population; Migration of Population.. • Settlements: Urbanization, Evolution and Classification, Trends of Urbanization. • Rural settlements: Rural Houses in India Types, Classification and Regional Pattern. • Issues - Global Warming, Climate Change, Deforestation, Desertification, Air, Water and Soil Pollution.


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CLASS	SUBJECT	COURSE OUTCOME
B.SC. I PAPER I	BOTANY	<ul style="list-style-type: none"> • VIRUSES: General characteristics, types of viruses based on structure and genetic material Economic importance. Structure and multiplication of Bacteriophages. • BACTERIA: General characteristics and fine structure mode of nutrition and reproduction. Economic importance. Microbial Biotechnology, Rhizobium, Azotobactor, Anabena • FUNGI: General account in fungi. Heterothallism and Parasexuality. Economic importance of fungi. Life cycles of Saprolegnia, Albugo,, Aspergillus, Peziza, Agaricus, Ustilago, Puccinia, Alternaria and Cercospora. VAM Fungi • ALGAE: General characters, life cycle of following genera: Nostoc, Gloeocaspsa, Volvox, Oedogonium, Voucheria, Chara, Ectocarpus, Polysiphonia • Lichens General account, Mycoplasma: Structure and importance Blue Green Algae (BGA) in nitrogen economy of soil and reclamation of Ushar land Mushroom Biotechnology

CLASS	SUBJECT	COURSE OUTCOME
B.SC. I PAPER II	BOTANY	<ul style="list-style-type: none"> • BRYOPHYTA: General characteristics, reproductive structure in Riccia, Marchantia, Peltia, Anthoceros, Funaria. • PTERIDOPHYTES: General characteristics heterospory and seed habit, stellar system in Pteridophytes, Aposory and apogamy. Telome theory, Azolla as Biofertilizer life cycle and reproductive structure of Psilotum, Lycopodium, selaginella, Equisetum, Marsilea. • Gymnosperm: General characteristics, economic importance Morphology, anatomy and reproduction in Cycas, Pinus and Ephedra. • PALAEOBOTANY: Geological time scale, types of fossils and fossilization, Rhynia, study of some fossil gymnosperms Lygenopteris

CLASS	SUBJECT	COURSE OUTCOME
B.SC. I PAPER I ZOOLOGY	CELL BIOLOGY AND NON- CHORDATA	<ul style="list-style-type: none"> • Students able to learn • The cell • • Organization of Cell: Extra-nuclear and nuclear • • Nucleus, Chromosomes, DNA and RNA • Cell division • An elementary idea of Cancer cells And Cell transformation. • An elementary idea of Immunity: • General characters and classification of Phylum Protozoa, • Porifera, and Coelenterata up to order.

		<ul style="list-style-type: none"> • 2. Protozoa: Type study - Paramecium, • 2. Porifera: Type study - Sycon. • Coelenterata: Type study – Obelia
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CLASS	SUBJECT	COURSE OUTCOME
B.SC. I PAPER II ZOOLOGY	CELL BIOLOGY AND NON- CHORDATA	<ul style="list-style-type: none"> • Students able to learn • Classification of Hemichordata • Hemichordata-Type study-Balanoglossus • Classification of Chordates upto orders... • Protochordata-Type study - Amphioxus. • A comparative account of Petromyzon and Myxine. • Fishes-Skin & Scales, migration in fishes, Parental care in • fish. And Embryology

CLASS	SUBJECT	COURSE OUTCOME
B.SC. I PAPER I PHYSICS	MECHANIS, OSCILATIONS AND PROPERTIES OF MATTER	<ul style="list-style-type: none"> • Cartesian, Cylindrical and Spherical coordinate system, Coriolis force, Kepler's laws. motion of C.M. of system of particles subject to external forces, elastic, and inelastic collisions in one and two dimensions, Conservation of linear and angular momentum, Conservation of energy. • Rigid body motion, Potential well and Periodic Oscillations, case of harmonic small oscillations, differential equation, kinetic and potential energy. simple harmonic oscillations: • Bifilar oscillations, Helmholtz resonator, LC circuit, Superposition of two simple harmonic motions of the same frequency, Lissajous figures, damped harmonic oscillator, Power dissipation, quality factor, driven (forced) harmonic oscillator, power absorption, resonance. • E as an accelerating field, electron gun, linear accelerator, E as deflecting field- CRO sensitivity, Transverse B field, mass spectrograph, principle of a cyclotron. velocity selector, Parallel E and B fields, positive ray parabolas, principle of magnetic focusing lens. • Elasticity: Hooke's law, Modulus of rigidity, Poisson's ratio, Bulk modulus, twisting couple of a cylinder Bending moment, Cantilever, Young modulus by bending of beam. • Viscosity: Poiseulle's equation of liquid flow through a

		narrow tube, equations of continuity. Euler's equation,
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CLASS	SUBJECT	COURSE OUTCOME
B.SC. I PAPER II PHYSICS	ELECTRICITY, MAGNETISM AND ELECTROMAGNETIC THEORY	<ul style="list-style-type: none"> • Gradient of scalar field and its geometrical interpretation, divergence and curl of vector field, Gauss's divergence theorem, Green's theorem and Stoke's theorem. Kirchoff's law, Ideal Constant-voltage and Constant-current Sources. Thevenin theorem, Norton theorem, Superposition theorem, Reciprocity theorem and Maximum Power Transfer theorem. • Coulomb's law vacuum expressed Vector forms, dipole and quadropole fields. Gauss's law • Dielectric constant, Polar and Non Polar dielectrics, Dielectrics and Gauss's Law, Dielectric Polarization, Lorentz local field, Clausius Mossotti equation, Debye

CLASS	SUBJECT	COURSE OUTCOME
B.SC. I PRACTICAL PHYSICS	PRACTICAL	<ul style="list-style-type: none"> • Study of laws of parallel and perpendicular axes for moment of inertia. • Moment of inertia of irregular bodies by inertia table. Study of a compound pendulum. • Study of damping of a bar pendulum under various mechanics. • Study of oscillations under a bifilar suspension. • Study of modulus of rigidity by Maxwell's needle. • Determination of Y, k, n by Searl's apparatus. • To study the oscillation of a rubber band and hence to draw a potential energy curve from it. • Study of oscillation of a mass under different combinations of springs. • Study of torsion of wire (static and dynamic method). • Poisson's ratio of rubber tube. • Study of bending of a cantilever or a beam. • Study of flow of liquids through capillaries. • Determination of surface tension of a liquid. • Study of viscosity of a fluid by different methods.

CLASS	SUBJECT	COURSE OUTCOME
B.SC – I PAPER - I CHEMISTRY	CHEMISTRY Inorganic Chemistry	<ul style="list-style-type: none"> • Bohr's theory, atomic spectrum, of hydrogen atom, de-Broglie matter- waves, Heisenberg uncertainty principle, Schrödinger wave equation, quantum numbers, Atomic orbital and shapes of s, p, d orbitals, Aufbau and Pauli exclusion principles, Hund's Multiplicity rule. • Periodic Properties: s and p-block, trends in periodic table • Chemical Bonding I: Ionic Bond, lattice energy Born-Haber cycle, Fajans rule, Ionic character in covalent compounds. Bond moment and dipole moment, Percentage ionic character from dipole moment and electronegativity difference, Valence bond & band theories. • Chemical Bonding II: Covalent bond. Lewis structure, Valence bond theory. Concept of hybridization. Valence shell electron pair repulsion theory (VSEPR), Molecular orbital theory. • S-Block Elements: Introduction to alkyl & aryls, Derivatives of alkali and alkaline earth metals. • P BLOCKS ELEMENTS: Halides, hydrides, oxides and oxyacides of Boron, Aluminum, Nitrogen and Phosphorus. Boranes, Borazines, fullerenes. • Chemistry of noble gases: Chemical properties of the noble gases, xenon and xenon compounds. • Theoretical Principles in Qualitative analysis: principles involved in the analysis of cations and anions and solubility products, common ion effect, interfering anions.

CLASS	SUBJECT	COURSE OUTCOME
B.SC – I PAPER - II CHEMISTRY	ORGANIC CHEMISTRY	<ul style="list-style-type: none"> • Basics of Organic Chemistry: Hybridization, Electronic Displacements: Inductive, electromeric, resonance and mesomeric effects, hyperconjugation, Introduction to types of organic reactions. • Introduction to stereochemistry: Optical Isomerism, Enantiomers, Diastereoisomers, Fischer, Newmann and Sawhorse Projection, Erythrose and threose, D/L, d/l system of nomenclature, Cahn- Ingold-Prelog system of nomenclature (CIP rules), R/S nomenclature, Geometrical isomerism. • Conformational Analysis of alkanes: Conformational analysis of alkanes, cyclohexane and sugars, Types of cycloalkanes, Baeyer strain theory: Theory of strainless rings, Chair, Boat and Twist boat conformation of cyclohexane with energy diagrams. mono- substituted cycloalkanes and disubstituted cyclohexane • Chemistry of Aliphatic Hydrocarbons: chemistry of alkanes, wurtz reaction, wurtz-fittig reaction. alkynes by elimination reactions, Saytzeff

CLASS	SUBJECT	COURSE OUTCOME
B.SC – I PAPER - III	PHYSICAL CHEMISTRY	<p>MATHEMATICAL CONCEPTS FOR CHEMIST Logarithmic relations, vectors and matrices, GASEOUS STATE CHEMISTRY Kinetic molecular model of a gas: postulates and derivation of the kinetic gas equation; Maxwell distribution, Joule Thompson effect, Liquification of Gases Behaviour of real gases: van der Waals equation of state, calculation of Boyle temperature. van der Waals isotherms</p> <p>LIQUID STATE CHEMISTRY Intermolecular forces, magnitude of intermolecular force, structure of liquids. Properties of liquids, viscosity and surface tension.</p> <p>COLLOIDS and SURFACE CHEMISTRY Classification, Optical, Kinetic and Electrical Properties of colloids, Coagulation, Hardy Schulze law, Emulsion, micelles and types, adsorption isotherms (Langmuir and Freundlich). Qualitative discussion of BET</p> <p>SOLID STATE CHEMISTRY Nature of the solid state, law of constancy of interfacial angles, law of rational indices, Miller indices, elementary ideas of symmetry, symmetry elements and symmetry operations, qualitative idea of point and space groups, seven crystal systems and fourteen Bravais lattices; X-ray diffraction, Bragg's law, a simple and powder pattern method.</p> <p>CHEMICAL KINETICS Rate of reaction, Order and molecularity of reactions, rate determining step, Zero, First and Second order reactions, Rate and Rate Law, methods of determining order of reaction, Chain reactions. Arrhenius theory, collision theory, transition state theory. Homogeneous and Heterogeneous Catalysis, types of catalyst, characteristic of catalyst, Enzyme catalysed reactions.</p>

CLASS	SUBJECT	COURSE OUTCOME
B.SC – I CHEMISTRY	PRACTICAL	<p>INORGANIC CHEMISTRY A. Semi-micro qualitative analysis (using HS or other methods) of mixtures- more than four ionic species (two anions and two cations, excluding interfering insoluble salts) out of the following Cations: NH_4^+, Pb^{2+}, Bi^{3+}, Cu^{2+}, Cd^{2+}, Fe^{3+}, Al^{3+}, Co^{2+}, Ni^{2+}, Mn^{2+}, Zn^{2+}, Ba^{2+}, Sr^{2+}, Ca^{2+}, Na^+ Anions CO_3^{2-}, $\text{S}_2\text{O}_3^{2-}$, NO_2^-, CH_3COO^-, Cl^-, Br^-, NO_3^-, SO_4^{2-} (Spot tests may be carried out wherever feasible)</p> <p>B. Acid-Base Titrations</p> <ul style="list-style-type: none"> Standardization of sodium hydroxide by oxalic acid solution. Determination of strength of HCl solution using sodium hydroxide as intermediate. Estimation of carbonate and hydroxide present

		<p>together in mixture</p> <ul style="list-style-type: none"> • Estimation of carbonate and bicarbonate present together in a mixture. • Estimation of free alkali present in different soaps detergents
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CLASS	SUBJECT	COURSE OUTCOME
B.COM I PAPER - I	Financial Accounts	<ul style="list-style-type: none"> • Meaning and Scope of Accounting. • Accounting Standard • Accounting Transaction • Rectification of errors; Classification of errors; Location

CLASS	SUBJECT	COURSE OUTCOME
B.COM I PAPER - I	BUSINESS MATHEMATICS	<ul style="list-style-type: none"> • Calculus (problems and theorems involving trigonometrical ratios are not to be done) • Maxima And Minima • Matrices and Determinants: Definition of a matrix; Calculation of values of determinants upto third order; • Linear Programming Transportation Problem, Ratio

CLASS	SUBJECT	COURSE OUTCOME
B.COM I PAPER - I	BUSINESS ENVIRONMENT	<ul style="list-style-type: none"> • Indian Business Environment • Problems of Growth: Unemployment, Poverty. • Review of Previous Plans, the current five year Plan, major policy, Resources Allocation. • International Environment. • International economic groups.

CLASS	SUBJECT	COURSE OUTCOME
B.COM I PAPER - II	BUSINESS COMMUNICATION	<ul style="list-style-type: none"> • Introducing Business Communication • Corporate Communication: Formal and Informal communication networks; Grapevine; Miscommunication (Barriers) • Writing skill: Planning business messages; Rewriting and editing; The first draft; Reconstructing the final draft. • Report Writing: Introduction to a proposal, Short report and formal report, report preparation. • Oral Presentation: • Non-Verbal Aspects of Communicating. Body Language: Kinesics, Proxemics, Para Language. • Effective listening: Principles of effective listening, Factor affective listening exercises • Interviewing skills: Appearing in interviews; Conducting E-Mail; video conferencing; etc.


- International Communication; Cultural sensitiveness and cultural

CLASS	SUBJECT	COURSE OUTCOME
B.COM I PAPER - II	BUSINESS REGULATORY FRAMEWORK	<ul style="list-style-type: none"> • Law of Contract (1872) Nature of contract • Foreign Exchange Management Act 2000 • Negotiable instruments Act, 1881 • Special contracts: Indemnity, Guarantee, Bailment and pledge, Agency. • Sale of Goods Act (1930) • The Consumer Protection Act 1986: Salient features Definition of consumer: Grievance redressal machinery

CLASS	SUBJECT	COURSE OUTCOME
M.A - I SEMESTER - I	POLITICAL SCIENCE	<ol style="list-style-type: none"> 1. Enable the students to understand the political philosophy period to Medieval period . 2. To understand the different philosophical dimensions of various To familiarise the students regarding different original works thought . 3 . PG I POL C02 PUBLIC ADMINISTRATION THEORY AND CONCEPTS concepts of Public Administration understand the pre - requisites theoretical and practical manifestations 03 INDIAN POLITY governance . To 3. students to understand the constitutional fundamentals constitution . POL C 04 POLITICAL 1 . Political Theory 2 . Theory . 3 . regimes . the classical and modern To understand the students regarding the continuity and To enlightenthe normative truth and RELATIONS AND GLOBAL students regarding the theoretical familiarise the students regarding Politics . understand the students processes . POLITICAL THOUGHT To create Thought modern Political enable the students to understand different ideological modern political philosophy . To enhance the critical capacity among students political institutions and processes ADMINISTRATION students to understand in a broader sense the longer administrative experiences . understand the students regarding the administrative colonial period . It introduces the students and transparency in the country C03 ISSUES

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Govt. College Baramkela

CLASS	SUBJECT	COURSE OUTCOME
M.SC. SEMESTER -I	CHEMISTRY	<p>Program Outcomes (PO) : to PO1 : Creative Thinking : Students will be able to think creatively (divergently and convergent) propose novel ideas in explaining facts and figures or providing new solution to the problems in chemistry . The skills drawing logical inferences from scientific realize how developments in other science subjects and providing better solutions and knowledge of subjects in other sciences etc. can have greatly and scientific theories and inventions</p> <p>PO3 : Personality Development Students will imbibe ethical , moral and social values in personal and social life leading to highly cultured and civilized personality . They will also realize that pursuit of knowledge is a lifelong activity and in combination with untiring and positive attitude and other necessary qualities leads towards a successful research and industrial field : Students learn the necessary skills to succeed acquire the skills in handling scientific instruments , planning and performing in experiments . skills such as ideas and views clearly and monitoring : Students will be able to understand the environmental issues warming , Climate change , Acid rain , Ozone depletion and will create awareness society . Program Specific Outcomes (PSO) : Students will understand theories related to</p>


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