



कार्यालय, प्राचार्य, शासकीय नवीन महाविद्यालय, जनकपुर
OFFICE OF THE PRINCIPAL, GOVERNMENT NAVEEN COLLEGE, JANAKPUR
जिला-मनेन्द्रगढ़-चिरमिरी-भरतपुर, (छ0ग0)
DISTRICT- MANENDRAGARH-CHIRMIRI-BHARATPUR, (C.G.)
(NAAC -ACCREDITED)

संत गहिरा गुरु विश्वविद्यालय, सरगुजा, अम्बिकापुर से संबद्ध

Website-janakpurcollege.ac.in Mo. No. 9415248896 Email- gndc.jnk2008@gmail.com

Programme Outcomes (POs) and Course Outcomes (COs) for all Programmes offered by the institution are stated and displayed on website and attainment of POs and COs are evaluated

Programme Outcomes for UG: B.A.

After successful completion of Undergraduate Three years B.A. general Degree Programme, the Students will be able:

PO-1.Economics:

- To know about Micro Economics and Indian Economy.
- Macro Economics and Money, Banking and Public Finance.
- Development and Environmental Economics and Statistical Methods.

PO-2.Geography:

- To understand about Physical Geography and Human Geography.
- To know Economic and Resources Geography and Geography of India.
- To knowledge about Remote Sensing and GIS and Geography of Chhattisgarh.

PO-3.Political Science:

- To know Political Theory, Indian Govt. and Politics.
- To know the Theory and Govt. Political Thought, Comparative Governments and Politics.
- To understand International Politics and Foreign policy of India, Public administration.

PO-4.Sociology:

- To study Introduction to Sociology, Contemporary Indian Society.
- To learn Sociology of Tribal Society, Crime and Society.
- To understand Foundations of Sociological Thought, Methods of Social Research.

PO-5. Ancient Indian History, Culture and Archaeology:

- Introduction to political History of India (Harappa Culture to 319 A.D.) and political History of India (from 319 A.D.to 1300 A.D.).
- To study Ancient Indian Social and Economic Institution and Ancient Indian Polity and Administration.
- To Aware Elements of Ancient Indian Architecture and Art and Elements of Palaeography and Numismatics.



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PO-6. English Literature:

- To familiarize Students with the representative authors and works of British English Literature.
- To make the Students understand the trends and History of English Literature.
- To create among Students an interest in the text of Literature and make them understand the Literacy devices of Poetry, Drama, Prose and Fiction.

PO-7. Hindi Literature:

- विद्यार्थी हिन्दी साहित्य की विविध काव्य एवं गद्य प्रवृत्तियों से परिचित हो सकेंगे।
- चयनित पाठ्य सामग्री के माध्यम से तत्कालीन काव्य संवेदना को समझ सकेंगे।
- साहित्य के विविध रूपों के माध्यम से जीवन की अनुभूतियों, संवेदनाओं तथा विविध परिस्थितियों का साक्षत्कार कर सकेंगे।
- विद्यार्थियों की सृजनात्मक क्षमता का विकास हो सकेगा।
- विद्यार्थी की मर्मग्रहिणी प्रतिभा का विकास होगा और ऐतिहासिक परिपेक्ष्य में शुद्ध साहित्यिक विवेक का सन्निवेश होगा।

PO-8. Environmental Studies:

- To understand the issues of Environmental Contexts and Sustainable Development.

PO-9. English Language:

- To equip the Students with basic communication Skills in English.
- To make them capable of Writing and Speaking in English correctly.
- To enhance their knowledge of Grammar and Vocabulary of English.

PO-10. Hindi Bhasa:

- छात्र-छात्रा हिन्दी भाषा की आधारभूत व्याकरणिक इकाईयों से परिचित हो सकेंगे।
- हिन्दी भाषा और उसके विविध रूपों का ज्ञान प्राप्त कर सकेंगे।
- छात्र-छात्राओं की रचनात्मक और अवबोध क्षमता का विकास हो सकेगा।
- छात्र-छात्रा व्याकरण में बुनियादी ज्ञान, संप्रेषण, कौशल सामाजिक संदेश एवं भाषायी दक्षता को विकसित कर अपने व्यवहारिक जीवन में उसका प्रयोग कर सकेंगे।



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Course Outcomes for UG: Economics

After completion of three years Course of Economics the students will be able:

- CO-1:** To understand the Definitions Nature and scope of Economics, Production Decision and Production Function, Market Structure-Perfect and Imperfect Market, Marginal Productivity Theory of Distribution, Welfare Economics.
- CO-2:** To understand Pre and Post Independent Indian Economy, Population and Human Development, Indian Agriculture, Industrial Development in India, Foreign Trade of India.
- CO-3:** To know National Income, Consumption Function, Trade Cycle, International Trade, Functions and Objectives of International Monetary Fund.
- CO-4:** To acquire the knowledge Meaning and Function of Money, Commercial Banking-Meaning, Types and Functions, Definition Nature- Scope and Importance, Public Debt Sources of Public Borrowing.
- CO-5:** To learn Economics Growth and Development, Problems of Population and Growth Pattern of Population, Theory of Growth Models, Environmental use and Environmental Disruption as an Allocation Problem, Concepts of Intellectual Capital.
- CO-6:** To know about Introduction of Statistics, Measures of Central Tendency, Measures of Central Skewers, Probability, Dispersion, Correlation, Index Number, Analysis of Time-Series, Logarithm, Antilogarithm, Reciprocal Tables and Their Uses.

Course Outcomes for UG: Geography

After completion of three years Course of Geography the students will be able:

- CO-1:** To know the Nature and Scope of Physical Geography, Earth Movement, Climatology, Climatic Classification, Basic knowledge of Oceanography.
- CO-2:** To study the Definition and Scope of Human Geography, Classification of Human Races and their Distribution, Growth and Distribution of world Population, Rural and Urban Settlements, Global Environmental Issue.
- CO-3:** To understand the Meaning, Scope and Approaches to economic geography, Mineral Resources, Agriculture and Industrial Regions of the world and their Location, World



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Transportation, Conservation of resources.

- CO-4:** To Determine Physical Features, Natural Resources , Cultural Features Population , Industries Localization to Special Reference of India, Detailed study of the Region of India.
- CO-5:** To learn the Basic of Remote Sensing, Types of Remote Sensing, Remote Sensing Program of India, Introduction of GIS, Data Model and Data Analysis.
- CO-6:** To gain the knowledge about Physical Features, Natural Resources, Agriculture and Population, Industries and Transpiration to Special reference of Chhattisgarh.

Course Outcomes for UG: Political Science

After completion of three years Course of Political Science the students will be able:

- CO-1:** To know the Meaning and definition of Political Science, State and its essential elements, Sovereignty and its pluralistics, kinds of Governments, Organs of Government, public welfare state.
- CO-2:** To understand Indian National Movement, Constitution of India, Union Executive, Union Judiciary, State Legislature.
- CO-3:** To know political thought of these thinkers Plato, Aristotle, Machiavelli, Hobbes, Lock and Rousseau, Bentham , mill, Green, Marx, Idealism, individualism, socialism, Liberalism, Fascism, Manu, Kautilya, Gandhi, Ambedkar, Deen Dayal Upadhyay.
- CO-4:** To acquire the knowledge of British Constitution, Constitutions of United State of America, Constitutions of Switzerland, Constitutions of China and Comparative politics.
- CO-5:** To learn International Politics, Various Theories of International politics, Foreign policy of India, India Relations with neighboring Countries, Some Major Issue of International politics.
- CO-6:** To known about Public Administration, Principles of Organization, Development Administration, Financial Administration, Corruption in Administration.



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Course Outcomes for UG: Sociology

After completion of three years Course of Sociology the students will be able:

- CO-1:** To know the Meaning of Sociology, Basic Concepts, Social Institutions, Culture and Society, Social Stratification, Social Mobility, Social Change, Social System and Process, Social Process.
- CO-2:** To understand Classical View about Indian Society, Structure and Composition of Indian Society, Basic Institution of Indian Society, Familial Problems, Social Problems.
- CO-3:** To describe the Tribes Classification of Tribal People, Socio-culture Profile, Tribal Sensitization, and Problems of Tribal People.
- CO-4:** To aware Concept of Crime, School of Crime, Structure of Crime, Social Evils and Crime, Punishment Co-Relation Process.
- CO-5:** To know about these thinkers August Comte, Durkheim, Karl Marx, Max Weber, Pareto, Spencer, Thorstein Veblen, R.K. Morton, Development of Sociological thought in India, Mahatma Gandhi, Radha Kamal Mukherjee,
- CO-6:** To describe the Social Research, Qualitative Research, Research Design, Tools and Techniques of Social Research, Social Statistics,

Course Outcomes for UG: English Literature

After completion of three years course of English Literature the students will be able to:

- CO-1:** Acquire knowledge of the major Elizabethan Literatures like – Shakespeare, Milton, Pope and Bacon etc. They would know about the four genres of literature and an introduction to some literary terms.
- CO-2:** Learn about the English poets and authors from 1750 to 1900, including the Romanticists like - Blake, Wordsworth, Shelley, Keats and Browning etc. They would know about the fictional world of Dickens and Jane Austen.
- CO-3:** Know the nuances of the various forms of poetry and other genres of the Modern English period. They would be introduced to the charm of Yeats, Eliot, Oscar Wilde, Shaw and Kipling etc.



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- CO-4:** Learn about various literary devices like simile, metaphor, alliteration etc. They would know the trends of Modern English Literature.
- CO-5:** Gain knowledge of all the genres of Indian Writing in English. They would enjoy the flavour of Indian English Literature of - Tagore, Sarojini Naidu, Karnad, Tendulkar and R.K. Narayan.
- CO-6:** The students would get a chance to learn about either the American Literature or the twentieth Century Literature in English (British) as per the paper they select.

Course Outcomes for UG: English Language

After completion of three years Compulsory Course of English Language the students will be able:

- B.A/B.Com/B.Sc - Ist Year**
- CO-1:** To acquire knowledge of the basics of Indian culture, scriptures, Indian art, and fundamental duties and write correct English with knowledge of grammar and vocabulary.
- B.A/B.Com/B.Sc - IInd Year**
- CO-2:** To know about India with special reference to Science and Technology.
- CO-3:** To understand about the major scientific discoveries, inventions and scientists of ancient and modern India.
- CO-4:** To comfortable enough to read and write English with the help of grammar and vocabulary.
- B.A/B.Com/B.Sc - IIIrd Year**
- CO-5:** To acquire knowledge of the development of India and its people during the last seven decades that is from Independence until the present times.
- CO-6:** To use English language correctly in written and spoken communication.

Course Outcomes for UG: Hindi Literature

B.A. Part I

- विद्यार्थियों को प्राचीन एवं मध्य कालीन कविता का ज्ञान कराना।
- हिन्दी साहित्य के स्वर्णकाल, भक्तिकाल के प्रमुख कवियों का ज्ञान कराना।
- विद्यार्थियों में साहित्य अभिरूचि का विकास कर सुजनसत्त्वक लेखन हेतु प्रेरित कराना।



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हिन्दी कथा साहित्य

- विद्यार्थियों को कथा साहित्य का विविध प्रवृत्तियों का ज्ञान कराना।
- विद्यार्थियों को प्रमुख उपन्यासों एवं कहानियों के पाठ के माध्यम से कथा साहित्य के प्रति अभिरुचि का विकास कराना।
- विद्यार्थियों में भाषा के रचनात्मक पहलू की समझ का विकास।
- हिन्दी कहानी और उपन्यास के विकासत्मक का ज्ञान कराना।

B.A. Part II

अर्वाचीन हिन्दी काव्य

- विद्यार्थियों को हिन्दी कविता के आधुनिक काल विविध प्रवृत्तियों का ज्ञान कराना।
- विद्यार्थियों को हिन्दी साहित्य के आधुनिक काल के प्रमुख काव्य आन्दोलनों का परिचय कराना।
- विद्यार्थियों को हिन्दी के कार्यालयीन एवं ब्यवहारिक स्वरूप से परिचित कराना।
- विद्यार्थियों को सुजनात्मक क्षमता का विकास कराना।

हिन्दी निबंध तथा अन्य गद्य विधाएं

- विद्यार्थियों को हिन्दी निबंध एवं गद्य विधाओं का परिचय कराना।
- विद्यार्थियों को नाटककार, एकांकीकार, तथा उनकी रचनाओं से परिचित कराना।
- विद्यार्थियों को नाटक एवं एकांकीयों के माध्यम से समाजिक समस्याओं का ज्ञान करा कर उनके समाधान हेतु प्रेरित करना।
- विद्यार्थियों को लेखकों के लेखन शैली के प्रति आलोचनात्मक दृष्टि का विकास करना।
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B.A. Part III

- विद्यार्थियों में छत्तीसगढ़ी भाषा एवं साहित्य के प्रति अभिरुचि का विकास कराना।
- विद्यार्थियों में छत्तीसगढ़ी भाषा एवं ब्याकरण का ज्ञान कराकर, छत्तीसगढ़ी में साहित्य सृजन की क्षमता का विकास करना।
- छत्तीसगढ़ी भाषा एवं के प्रमुख रचनाकारी से परिचित कराना।
- छत्तीसगढ़ी भाषा की कविता एवं गद्य की विविध विधाओं का ज्ञान कराना।
- विद्यार्थियों में छत्तीसगढ़ी साहित्य के प्रति आलोचनात्मक दृष्टि का विकास कराना।



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हिन्दी भाषा एवं साहित्य का विकास तथा काव्यांग विवेचन

- विद्यार्थियों को हिन्दी भाषा के लेखन, पठन और वाचनकला का विकास कराना।
- हिन्दी भाषा के विविध रूपों से परिचित करना।
- छत्तीसगढ़ी भाषा के प्रमुख रचनाकारों से परिचित कराना।
- विद्यार्थियों को हिन्दी भाषा साहित्य के सभी कालखण्डों (आदिकाल, भक्तिकाल, रीतिकाल, एवं आधुनिककाल) की पृष्ठ भूमि, परंपरा, प्रवृत्ति एवं रचनाकारों तथा उनकी प्रमुख रचनाओं से परिचित कराना।
- विद्यार्थियों को हिन्दी साहित्य के इतिहास लेखन की परंपरा और उसके आलोचनात्मक दृष्टि का विकास कराना।

Course Outcomes for UG: Hindi Bhasha

Co-1:

- हिन्दी के चयनित गद्य एवं काव्य का अध्ययन कराना।
- वर्ण एवं शब्द विचार से परिचित कराना।
- देवनागरी लिपि के उद्भव और विकास से परिचित कराना।
- कम्प्यूटर में हिन्दी अनुप्रयोग से परिचित कराना।
- भाषा एवं समाज के विभिन्न रूपों एवं अंतर्सम्बंधों का अध्ययन कराना।

Co-2:

- चयनित निबंधों के माध्यम विधा का परिचय प्राप्त कराना।
- कार्यालयीन भाषा के रूप में हिन्दी का ज्ञान कराना।
- संज्ञा, सर्वनाम, विशेषण, संधि, समास का अध्ययन कराना।
- अनुवाद (अंग्रेजी-हिन्दी) से परिचित कराना।

Co-3:

- चयनित कविता, कहानी, निबंध एवं अध्ययन कराना।
- कथन की विविध शैलियों से परिचित कराना।
- विभिन्न व्याकरणिक संरचनाओं का ज्ञान कराना।
- कार्यालयीन पत्र-परिपत्र, अधिसूचना, ज्ञापन, अनुस्मारक, पृष्ठांकन और आलेख का परिचय और अभ्यास कराना।
- प्रतिवेदन लेखन का अभ्यास कराना।



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Programme Outcomes for UG:B.Sc.

After successful completion of Undergraduate three years B.Sc. general Degree Programme, the Students will be able:

PO-1.Physics:

- To know Mechanics, Oscillations, Properties of Matter, Electricity, Magnetism and electromagnetic Theory.
- To acquaint Thermodynamics, Kinetic Theory, Statistical Physics, Waves, Acoustics and Optics.
- To understand Relativity, Quantum Mechanics, Atomic Molecular and Nuclear Physics, SolidState Physics, Solid State Devices and Electronics.

PO-2.Chemistry:

- To impart knowledge on different topic of chemistry viz: Inorganic, Organic, and Physical chemistry the core course would help to enrich the subject knowledge of the students and increase their confidence level in the field of both Academia and Industry. This course has brought an opportunity in front of students to gain knowledge on various multi-disciplinary subjects both theoretically and practically.

PO-3.Mathematics:

- To Explain Algebra and Trigonometry, Calculus and Vector Analysis and Geometry.
- To Describe Advanced Calculus, Differential Equations, Mechanics.
- To understand Analysis, Abstract Algebra and Discrete Mathematics.

PO-4.Botany:

- To identify the Bacteria, Viruses and Bryophytes, Liches and Algae, Pteridophytes, Bryophytes, Gymnosperms and Palaeobotany.
- To know about Plants Taxonomy, Economic Botany, Plant Anatomy and Embryology, Plants Physiology and Ecology.
- To study the Plants Pathology, Experimental Embryology, Elementary Bio Statistics, Environmental Pollution and Genetics, Molecular Biology, Bio Technology, and Bio Chemistry.



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PO-5.Zoology:

- To acquire the knowledge of Cell biology, Non-Chordates, Chordates and Embryology.
- To understand the basic concepts of Anatomy, Physiology, Endocrinology and Reproductive biology of Vertebrates. Behavior, Evolution and applied Zoology.
- Students received knowledge of Ecology, Environmental Biology, Toxicology, Microbiology, Medical Zoology, Genetics ,Cell Physiology, Biochemistry, Biotechnology , and Biotechniques

PO-7.Environmental Studies:

- To understand the issues of Environmental Contexts and Sustainable Development.

Course Outcomes for UG: Physics

After completion of three years Course of Physics the students will be able:

- CO-1:** To acquire the knowledge of Mechanics, Rigid Body Motion and Oscillations, Superposition of Simple Harmonic Oscillations, Motion of Charged Particles in Electric and Magnetic Fields, General Properties of Matter.
- CO-2:** To elicit Mathematical Physics and Network Theorems, Electrostatics, Dielectrics and Alternating Current Circuits, Magneto-statics, Electrodynamics.
- CO-3:** To describe Laws of Thermodynamics, Entropy, Thermo-dynamical Potential and its Applications, Black-Body Radiation, Maxwellien Distribution of speeds in an ideal gas, Transport Phenomena in gases, Behavior of real gases, Statistical Basis of Thermodynamics, Universal laws and Quantum Statistics.
- CO-4:** To determine Waves in Medium, Geometrical Optics, Physical Optics, Diffraction, Double Refraction and Optical Rotation and LASER.
- CO-5:** To Perceive Special Relativity and Lorentz Transformation, Origin of the Quantum Mechanics and wave particles Duality, Uncertainty Principle, Schrodinger's Wave Equation and its Applications, Elements of Spectroscopy, Structure of Nuclear Models Nuclear Reactions and Nuclear Detectors.
- CO-6:** To Learn Crystal structure, Thermal Properties of Solids, Electrical Properties of Solids, Magnetic Properties of Solids, Semiconductor Diode, Transistor, Rectifiers and Filters, Application of Transistors and Digital Circuits.



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Course Outcomes for UG: Chemistry

After completion of three years Course of Chemistry the students will be able:

- CO-1:** To acquire the knowledge of Atomic Structure, Periodic Properties, Chemical Bonding-I: Ionic bond, Chemical Bonding-II: Covalent bond, s-Block Elements, p- Block Elements, Chemistry of Novel Gases and Theoretical Principles in Qualitative Analysis(H₂S).
- CO-2:** To know about the Basics of Organic Chemistry, Introduction to Stereochemistry, Conformational Analysis of Alkanes, Chemistry of Aliphatic hydrocarbons: Carbon-Carbon sigma bonds, Carbon-Carbon Pi bonds, Aromatic Hydrocarbons.
- CO-3:** To get the basic knowledge of Mathematical Concepts for Chemist, Gaseous state Chemistry, Gaseous State Chemistry, Liquid state Chemistry, Colloids and Surface Chemistry, Solid State Chemistry, Chemical Kinetics, Catalysis.
- CO-4:** To learn about the Chemistry of Transition Series Elements, Oxidation and Reduction, Co-Ordination Compounds, Co-Ordination Chemistry, Chemistry of Lanthanide Elements, Chemistry of Actinides, Acids-Bases, Non-Aqueous Solvents.
- CO-5:** To illustrate about the Chemistry of Organic Halides: Alkyl halides, Aryl halides, Alcohols: Alcohol, Trihydric alcohols, Aldehydes and Ketones, Carboxylic Acids: Di carboxylic acids, Carboxylic acid derivatives, Organic Compounds of Nitrogen.
- CO-6:** To explain about the Thermodynamics-I, Thermo Chemistry, Thermodynamics-II: Second Law of Thermodynamics, Chemical Equilibrium, Ionic Equilibrium, Phase Equilibrium, and Photochemistry
- CO-7:** To perceive about the Metal-Ligand Bonding in transition Metal Complexes, Thermodynamic and Kinetic aspects of Metal complexes, Magnetic Properties of Transition Metal Complexes, electronic Spectra of Transition Metal Complexes, Organometallic Chemistry, Catalysis by Organometallic Compounds, Bio-Inorganic Chemistry, Hard and Soft Acids and Bases(HSAB),Inorganic Polymers.
- CO-5:** To describe about the Heterocyclic Compounds, Organometallic Reagents, Organic Synthesis via Enolates, Biomolecules: Carbohydrates, amino Acids, Proteins and nucleic acids, Synthetic Polymers, Synthetic Dyes, Infra-Red Spectroscopy, UV-Visible Spectroscopy, NMR Spectroscopy,



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CO-6: To able to designate about the Quantum Mechanics-I, Quantum Mechanics-II, Spectroscopy : Introduction, Vibrational Spectroscopy, Raman Spectroscopy, Raman Spectrum, Electronic Spectroscopy, Electrochemistry-I: Electrolytic Conductance, Theories of Strong Electrolytes, Migration of Ions, Electrochemistry-II Electrochemical cell and Galvanic Cells, single Electrode Potential, Concentration Cell.

Course Outcomes for UG: Mathematics

After completion of three years Course of Mathematics the students will be able:

- CO-1:** To Solve the Elementary Operations, Elementary Matrices and Inverse of Matrix, Rank of Matrices, Eigen Values and Eigen Vector, Applications of Matrices to System of Linear Equations, Consistency and Inconsistency, Theory of Equations, Relation and Mapping, Group, Subgroup, Cyclic Group, Coset Decomposition, Normal Subgroup, Quotient Group, Permutation Group, Homomorphism and Isomorphism of Groups, Fundamental Theorem of Homomorphism, Ring, Integral Domain, Field, De-Moivre's Theorem and its Application, Direct and Inverse Circular and Hyperbolic Functions, logarithm of Complex Quantities, Expansion of Trigonometric Functions, Gergory's Series and Summation of Trigonometric Series.
- CO-2:** To Evaluate Limit and Continuity, Differentiability, Leibnitz's Theorem, Maclaurin's and Taylor Series, Asymptotes, Curvature, Concavity and Convexity, Tracing of Curves, Integration of Transcendental Functions, Reduction Formulae, Definite Integrals, Quadratura, Length of Curve, Volumes of Surfaces of Solid of Revolutions, Differential and Exact Differential Equation, Geometrical Meaning of Differential Equation, Linear Differential Equation and Ordinary Simultaneous Differential Equation.
- CO-3:** To Find Out the Scalar and Vector Product and Its Differentiation, Gradient, Divergence, Curl, Vector Integration, Gauss's, Green's and Stoke's Theorem, General Equations of Second Degree and Tracing of Conics and Its System, Polar Equation of Conic, The Sphere, Cone, Cylinder, Central Conicoids, Paraboloid, Plane Section of Conicoids, Generating Lines, Confocal Conicoids and Reduction of Section Degree Equations.
- CO-4:** To Identify Convergence of Sequence and Series, Alternating Series, Continuity and Differentiability of One Variable Function, Darboux's Intermediate and Mean Value Theorem, Taylor's Theorem, Limit, Continuity and Tayloer's Theorem For Function of Two Variables, Partial Differentiation and Euler's Theorem on Homogeneous Function,



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Change of Variables, Jacobians, Envelopes and Evolutes, Maxima, Minima and Saddle Point of Functions of Two Variables, Beta and Gamma Functions, Double and Triple Integrals, Change of Order of Integration in Double Integrals.

CO-5: To Determine Power Series Solution of Differential Equation, Bessel's Equation, Legendre's Equation, Orthogonality of Function and Sturm-Liouville Problem, Laplace and Inverse Laplace Transform, Solution of Integral Equation and System of Differential Equations Using the Laplace Transform, Partial Differential Equation of First and Second Order, Lagrange's Solution, Homogeneous and Non-Homogeneous Equation with Constant Coefficient, Monge's Method, Calculus of Variation-variational Problems with Fixed Boundaries and Moving Boundaries, Sufficient Condition for an Extremum.

Course Outcomes for M.A. Political Science

Programme Outcomes

After successful completion of CBCS/Semester System Postgraduate M.A. (Political Science) general

Degree Programme, the student will be able:

M.A.-1st Semester - To exchange Their Knowledge Debates in Political Theory, Comparative Analysis, Indian Government and politics, Re-search Methodology and Computer Application Basic and Contemporary Debates in Political Theory.

M.A.-2nd Semester - To Get in-Depth understanding of all core areas basically Administrative Theory, Principle and Approaches, Themes in Indian Political Thought, Western Political Thought, Social Out rich And Skill Developments, Social Movement And Revolution.

M.A.-3rd Semester - To Understand The Democracy And Political Institutions In India, Parties Elections And Political Process In India, Indian Political Thought, Intellectual Property, Right Human Right & Environmental Basic, Democracy And Human Rights In India.

M.A.-4th Semester - To Develop the Knowledge in Principles of International Politics Indian and the World, Political History of Chhattisgarh Dissertation, Development Process and Politics In India

Course Outcomes for PG: Political Science

After completion of Four Semesters CBCS Postgraduate Course of Political Science the students will be able:

M.A.-1st Semester

CO-1: (Debates in Political Theory) - What Is Political Theory? Disagreement and Debates in Political Theory and Political Philosophy, Decline and Resurgence Since-1970, Behaviorism and Post Behaviorism, The political Context-Understanding Power, Authority and Legitimacy End of



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History End of Ideology, Debates on Freedom and Justice Debates in Equality and Rights Debates on Nations.

CO-2: (Comparative Political Analysis) - To get depth knowledge in Evolutions of comparative politics as a discipline, Constitutionalism Form of Govt. , Organs of Governments parties system, Political Development Beau racy.

CO-3: (Indian Govt. and Politics) - To understand Ideological bases of Indian constitutions, Structure and process: President Prime Minister council of ministers Federalism political Parties, Pressure Groups, Public Opinion, Challenge Before Indian Polity, Election Commission.

CO-4: (Research Methodology) - To understand the concept of Re-search, Tools of Research, Methods of Research, Treatment of Data and Computer Fundamentals.

CO-5: (Contemporary Debates in Political Theory) - Liberalism, Socialism Marxism, modernism, Feminism, Environmentalism, Multiculturalism, Fascism, Role of Ideology, End of Ideology, Theories of change – Lenin Mao and Gandhi.

M.A.-2nd Semester

CO-6: (Administrative Theory Principle and Approaches) - Nature Scope and Approaches to Study of Public Administration, Theories of Organization, Development Administration, Financial administration, Corruption in public Administration.

CO-7: (Themes in Indian Political Thought) - Perspective Theories and Practices of Knowledge, conception and from of Community, critical perspective on Indian Society, The nation in Indian Political Thought.

CO-8: (Western Political Thought) - Ancient Political Thought, Medieval Political Thought, Modern Political Thought, Utilitarian and ideal Political Thought, Marxist Political Thought.

CO-9: (Social Outreach and Skill Development) - To develop their Potential as well as in depth knowledge for Re-search Activities by Making a Project Report in Various Fields as per their area of Interest.

CO-10: (Social Movement and Revolution) - To understanding The revolutions, Ideology and Politics of Liberation, Struggles in Asia and Africa, Social Movements, Ideology and Politics of Social Movements, Ideology and Politics of Liberation Struggles in India.

M.A.-3rd Semester

CO-11: (Democracy and Political Institutions in India) - To Develop The Basic Knowledge of Theories and Practice of The Indian Constitutions, Governmental Institutions, Functioning and Their



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Relationship, federalism, Local self-Governments, Rule of Law, Rights and Accountability.

CO-12: (Parties Elections And Political Process in India) - To understand Typology of Political Parties in India, Party System in India, The changing Profile of national Political parties, Regional and state parties, Elections in India, Non-Party Movements, NGO and Their Impact on Political Parties.

CO-13: (Indian Political Thought) - To develop Their knowledge in Indian Thoughts, MANU, Kautilya, ShantiParva, MAHABHART, Raja Ram Mohan Ray, Swami Vivekananda, Dada Bhai Nauroj, Ram Manohar Lohiya, Jai Prakash Naryam, Pt. J.L Nehru, B.R. Ambedkar, Jyotiba Phule, Sarvarkar, Gandhi, Deendayal Upadhyay.

CO-14: (Intellectual Property Rights Human Rights) - To Develop Their knowledge Intellectual property Right, Patents and Copy Rights and Enhance the awareness about Human Rights and Rights Relating to Environments.

CO-15: (Democracy and Human Rights in India) - To get in Depth knowledge of Democracy and Right concept of Human Rights, Issue and challenges, Impact of Dopried Groups and State response to Human Rights.

M.A.-4th Semester

CO-16: (Principle of International Politics) - To Develop The knowledge in International Politics, Theories of International Politics, Disarmament, Cold War and UNO and its agencies.

CO-17: (India and The World) - The Nature of India's foreign policy- Evolutions of India's foreign Policy, India and International Economy, India's Security Policy, perspective Problem, India-Post cold war, Relations- Indias-Regional Cooperation, India and Other Regional Blocs.

CO-18: (Political History of Chhattisgarh) - History of Chhattisgarh, Historical Geographical, Cultural, Role of Chhattisgarh in India's freedom Struggle, Political thinkers in Chhattisgarh.

CO-19: (Dissertation) - To Develop Their Skills and enhance Their Potential in context to Re-search Activity by Preparing Dissertation in any field.

CO-20: (Development Process and Politics in India) - Relationship between Development and Polities, Socio Economic Problems and Issue of Development, Shift in Developmental Politics and Strategies, Critiques of Development and Alternative models Non-Governmental and peoples Empowerment.



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Programme Outcomes for PG Diploma in Computer Application

Programme Outcomes

After successful completion of Post Graduate Diploma in Computer Application Programme, the Students will be able:

- To prepare basic computer Knowledge and Languages in one year.
- To analyze the System and maintain the relationship.
- To understanding different hardware & software specification.
- To understanding application of Different software needed for industrial areas.
- To identify, software and hardware knowledge.
- To utilize the techniques, skills & basic programming tools, software development practice. To learn effective Computer Skills and development personality.

Course Outcomes for PGDCA

CO-1: Introduction to computers

Computers – Introduction computer System Characteristics, Strength and Limitation of computer, Development of computers, Types of computers, Generations of computers. Introduction to personal computers – Uses of PC's, Components of PC's, Evolution of PC's, Development of Processors, Architecture of Pentium IV, Configuration of PC's, Input Device ; Output Devices.

CO-2: Computer Organization

Central Processing Unit – Arithmetic Logic Unit, Control Unit, Registers, Instruction Set, Processor speed. Storage Devices – Storage and its need, Storage Evaluation Units, Primary Storage, Secondary Storage, Data Storage and Retrieval Systems, SIMM, DIMM, Type of Storage Devices.

CO-3: Computer software

Basics of Software- needs of software, Types of software; Free Domain Software; Open Source Software; Compiler, Interpreter and Assembler; Linker and Loader; Debugger; Integrated Development Environment;

CO-4: Operating System – Introduction, Uses of, OS, Booting process, Types of Reboot, Booting from different OS, Types of OS, DOS, Window, Linux.

CO-5: Programming languages- Introduction, Comparison between Human and computer

Language ; Program ; Data Information and Knowledge ; characteristics of Information ; Types of Programming Languages; Generations of Languages; Program Development steps ; Programming Paradigms ; Object –Oriented Programming ; Structured Programming , Functional Programming , Process Oriented Programming.