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## Department of Zoology

## B.Sc - I Year Zoology (Major- II)

## Course code - S2 ZOOL2T

1. Develop deeper understanding of what life is and how it functions at cellular level
2. Understand the nature and basic concepts of Cell biology, Reproductive and Developmental biology.
3. Understand structure and functions of cell membrane and cellular organelles.
4. Understand the importance of latest reproductive trends, reproductive techniques to be applied for human welfare.
5. Understand the general patterns and sequential developmental stages during embryogenesis; and understand how the developmental processes lead to establishment of body plan of multi-cellular organisms.
6. Understand about the evolutionary development of various animals.

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## Department of Zoology

## B.Sc - I Year Zoology (Major- I)

## Course code - S1 ZOOL1T

1. Learn about the importance of systemic, taxonomy and phylogeny to get a concrete idea of evolution of non-chordate phyla.
2. Understand the various morphological, anatomical structures and functions of animals of different phyla.
3. Get the knowledge about economic, ecological and medical significance of various animals in human welfare.
4. Understand the important parasites and their control measures.

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## Department of Physics

## B.Sc - I Year Physics (Major- II)

## Course code - PHYS2T

1. The course would empower the students to develop the idea about the behavior of physical bodies.
2. It will provide the basic concepts related to the motion of all the objects around us in daily life.
3. The students would be able to build foundation to various applied field in science and technology especially in the field of mechanical engineering.
4. The students will acquire the knowledge of basic mathematical methods to solve the various problems in physics.
5. The students will be able the Understand the relativistic effect and the relation between energy and mass.

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## Department of Physics

## B.Sc - I Year Physics (Major- I)

## Course code - S1 PHYS1T

1. The course would enable the students to understand the basic Physics of heat and temperature in relation to energy, work, radiation and matter.
2. The students are expected to learn that "how laws of thermodynamics are used in a heat engine to transform heat into work".
3. This course will also develop an understanding of the various concepts of statistics and the methods to apply them in thermodynamics.
4. Students will understand the importance of studying statistical mechanics with the behavior of particles under classical and quantum conditions.

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## Department of Mathematics

## B.Sc - I Year Mathematics (Major- II)

## Course code - S1-MATH2T

1. Sketch curves in a plane using its Mathematical properties in the different coordinate systems of reference.
2. Using the derivatives in Optimization, Social sciences, Physics and Life sciences etc.
3. Formulate the Differential equations for various Mathematical models.
4. Using techniques to solve and analyze various Mathematical models.

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## Department of Mathematics

## B.Sc - I Year Mathematics (Major- I)

## Course code - S1 MATH1T

1. Recognize consistent and inconsistent systems of linear equations by the row echelon form of the augmented matrix, using the rank of matrix.
2. To find the Eigen values and corresponding Eigen vectors for a square matrix.
3. Using the knowledge of vector calculus in geometry.
4. Enhance the knowledge of three dimensional geometrical figures (eg. cone and cylinder).

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## Department of Industrial Microbiology

## B.Sc - I Year Industrial Microbiology (Major- II)

## Course code - S1-INMB2T

**1.** To understand the role and significance of microorganisms.

**2.** Be able to identify and classify the important microorganisms.

**3.** To understand contributions of important scientists in the field..

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## Department of Industrial Microbiology

## B.Sc - I Year Industrial Microbiology (Major- I)

## Course code - S1-INMB1T

### Tools and Techniques in Industrial Microbiology

To be able to understand the role and use of different Tools and different modern techniques in the study's of Industrial microbiology.

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## Department of Industrial Chemistry

## B.Sc - I Year Industrial Chemistry (Major- II)

## Course code - S1-ICHE2T

- Learn broader aspects of principle, theory and technique of various unit operations related to Industrial Chemistry.
- Gain knowledge of various industrial operations & how can they be performed efficiently.
- Understand difference between absorption and adsorption Processes..
- Understand the importance of proper mixing of various compounds.
- Get knowledge about Drying and Evaporation operations in different Industries.
- Understand various utilities that provide mechanical support to the industries.

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## Department of Industrial Chemistry

## B.Sc - I Year Industrial Chemistry (Major- I)

## Course code - S1-ICHE1T

- Be aware of various types of fossil fuels.
- Know about the uses of Petroleum products in various field.
- Understand the production of important Industrially produced chemicals.
- Get knowledge of industrially important raw materials.
- Understand the fundamentals of various metallurgical processes
- Gain knowledge about the process of glass manufacturing.

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## Department of Computer Application

## B.Sc - I Year Computer Application (Major- II)

## Course code - S2-COAP2T

- To understand the basic concept of various Applications of software.
- To gain knowledge of MS Word, Excel, Access and Power point.
- To apply acquired knowledge in office automation tasks.
- To study various methods of formatting of documentation and use of spreadsheets.
- To develop and enhance presentation skills using power point.

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## Department of Computer Application

## B.Sc - I Year Computer Application (Major- I)

## Course code - COAP1T

- To explore basics of C programming languages.
- To approach the programming tasks using techniques learned and write pseudo-code.
- To choose the right data representation formats based on the requirements of the problem.
- To use the comparisons and limitations of the various programming constructs and choose the right one for the task in hand.
- To identify tasks in which the numerical techniques learned are applicable and apply them to write programs, and hence use computers effectively to solve the task.

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## Department of Chemistry

## B.Sc - I Year Chemistry (Major- II)

## Course code -CHEM2T

1. Basic concepts of Mathematics for Chemists.
2. Fundamentals of analytical chemistry and steps involved in analysis.
3. Basic knowledge of Computer for chemists.
4. Basic Concepts of Chemical equilibrium.
5. Principles of Chromatography and chromatographic techniques.
6. Various techniques of Spectroscopic Analysis.

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## Department of Chemistry

## B.Sc - I Year Chemistry (Major- I)

## Course code -CHEM1T

1. Ancient Indian chemical techniques.
2. Various theories and principles applied to reveal atomic structure.
3. Significance of quantum numbers.
4. Concept of periodic properties of elements.
5. Theories related to chemical bonding.
6. Acid-base concept, ph, buffer.
7. Factors responsible for reactivity of organic molecules.
8. Basics and mechanism of chemical kinetics.
9. Properties of electrolytes.

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## Department of Botany

## B.Sc - I Year Botany (Major- II)

## Course code - BOTA 2T

- This course will help the student to understand the diversity of plants and evolutionary process in plant kingdoms.
- It gives an accounts of plant adaptations from aquatic condition to colonize terrestrial habitat.
- The changes in morphological, anatomical and reproductive structures that propel plant evolution can be investigated.
- The economic importance and significance of plants in nature will be understood.
- They will be acquainted with locally prevalent microbial diseases of plants and humans.

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## Department of Botany

## B.Sc - I Year Botany (Major- I)

## Course code - BOTA 1T

- Understood the significance and role of botany.
- Learnt the basic aspects of applied botany.
- Gained knowledge about employment opportunities in field of botany
- Gained knowledge about start-up opportunities in the field of botany
- Learnt about opportunities of social services
- Gain knowledge about best health practices.

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## Department of Biotechnology

## B.Sc - I Year Biotechnology (Major- II)

## Course code - BTE C2 T

1. The students will be able to understand microbial diversity and Nutrition.
2. The students will be able to understand immune system, Immune responses and Vaccination.
3. The students will be able to describe role of immune system in both maintaining health and contributing to disease.
4. The students will be able to understand immunological techniques.

**Course Learning Outcomes**: At the end of the course student will familiar with -

1. Microbial diversity and nutrition.
2. Immune system, its properties and types.
3. Immunoglobulin structure, types and functions and can apply the concept of hypersensitivity and vaccination for different diseases.
4. Perform various immunological techniques.

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# Department of Biotechnology

## B.Sc - I Year Biotechnology (Major- I)

## Course code - BTE C1 T

1. Understand basics of cell biology.
2. Appreciate the importance of bonding and spatial arrangements of molecules for proper functioning and stability.
3. Understand both the physical as well as chemical properties of bimolecular
4. The Student could pursue a career in biochemical testing. The decrease of increase in the amount of some of the bio-molecules can have clinical significance.
5. Students can also go in for medical Laboratory Technique Courses, opening opportunities in hospitals and pathological laboratories.

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## Department of Commerce

## B.Com - I Year (Major- III)

## Course code - C1 COMA 3T

After completion of this course it is expected that the student shall understand the basics of the business and will able to imbibe how any business can be organized successfully. The chapters' related communication shall be able to elucidate how communication plays an important role in modern business scenario.

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## Department of Commerce

## B.Com - I Year (Major- II)

## Course code - C1 COMA 2T

The outcome of this course is to provide the students with practical legal knowledge of general business law issues. To Understand the Essentials of A Valid Contract, The Laws Of The Act, Consideration And The Various Modes Of Discharge Of A Contract To Explain the Various Laws with Regard to The Sale of Goods and Performance of a Sale Contract and Remedial Measures, to Familiarize the Students with The Various Law with Regard to Consumer Protection in India And the Functions of Various Consumer Forums and, to Understand the Meaning and The Various Legislations with Regard to The Cyber Laws.

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## Department of Commerce

## B.Com - I Year (Major- I)

## Course code - C1 COMA 1T

- Acquire conceptual knowledge of basics of accounting
- Identify events that need to be recorded in the accounting records
- Developtheskillofrecordingfinancialtransactionsandpreparationofreports in accordance with GAAP
- Describe the role of accounting information and its limitations
- Equip with the knowledge of accounting process and preparation off in a accounts of sole trader
- Identify and analyze the reasons for the difference between cash book and pass book balances
- Recognize circumstances providing for increased exposure to errors and frauds.

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## Department of Home Science

## B.Sc - I Year Home Science (Major- I)

## Course code - H1-HSC-C2T

1. Gain knowledge of need and importance of communication in each and every field of extension.
2. Analyze the effective communication and communication media according to requirements.
3. Perceive the importance of communication in extension education.
4. Acquire knowledge of various teaching materials and their application.

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## Department of Home Science

## B.Sc - I Year Home Science (Major- I)

## Course code - H1-HSC-C1T

1. Understand anatomy and functions of human body.
2. Aware of importance of various systems of body in relation to health.

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## Department of Home Science

## B.Sc - I Year Home Science (Major- II)

## Course code - H1-HSC-B2T

1. The concept of Family Resource Management.
2. The process of management in the scientific manner for the use of resources.
3. Imbibing nuances of Human values and standards in successful management and decision making.
4. Effective management of time, energy, money and work simplification.

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## Department of Home Science

## B.Sc - I Year Home Science (Major- II)

## Course code - H1-HSC-B1T

1. Identify the different stages of human life span and their developmental tasks.
2. Understand the impact of specific cultural practices, family and community in Child's life.
3. Understand Child's behavior and their developmental domains occurring in infancy and Childhood.

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## Department of Home Science

## B.Sc - I Year Home Science (Major- II)

## Course code - H-HSC-A2T

1. Understands and define the key textile terms.
2. Describe textile fibres in terms of their production and properties.
3. Understand production techniques and properties of yarns.
4. Explain various methods of fabric construction and relate them to specific uses keeping in mind fabric properties.
5. Recall various dyeing, printing and finishing techniques.

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## Department of Home Science

## B.Sc - I Year Home Science (Major- II)

## Course code - H1-HSC-A1T

1. Explain the Basic nutritional concepts. Understand role of different nutrients in body
2. Identify food groups and sources of nutrient
3. Understand nutritional aspects and orient towards subject related job programs.
4. Will also aquinted with low cost and high nutritive value foods and to combat malnutrition in society.

PRINCIPAL
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## Department of Sociology

## BA - I Year Sociology (Major- I)

## Course code - A1 SOCI 1T

1. The Students will get an impression about the basic composition of Indian society, its historical moorings, basic philosophical foundations of the society and the in situations.

2. The student will have extensive comprehension of Indian traditions and the opportunity to explore and express them.

3. They will also learn in detail about the three layers of Indian society.

4. After reading this course the student will be able to understand and strengthen local/regional employment avenues

PRINCIPAL
Govt. P.G. Girls College
SAGAR (M.P.)

## Department of Sociology

## BA - I Year Sociology (Major- II)

## Course Code- A1 SOCI 1T

1. Get an impression about the basic composition of Indian society, its historical moorings, basic philosophical foundations of the society and the in situations.

2. The student will have extensive comprehension of Indian traditions and the opportunity to explore and express them.

3. They will also learn in detail about the three layers of Indian society.

4. After reading this course the student will be able to understand and strengthen local/regional employment avenues

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## Department of Sociology

## BA - I Year Sanskrit (Major- II)

## Course Code- A1-SANS-2T

1. नैतिक मूल्यों के विकास में सहायक ।
2. रामायण की सार्वकालिक व सार्वजनिक उपादेयता के साथ राष्ट्र निर्माण में सहायक ।
3. भारतीय संस्कृति के अवबोध एवं महापुरूषों के आदर्श से छात्रों को परिचित कराना।
4. प्राचीन सामाजिक संरचना एवं उत्कृष्ट समाज का ज्ञान ।
5. रंग मंचीय कौशल के विकास व लेखन की कला की दृष्टि से उपादेय ।
6. छात्र में कथा लेखन की शैली का विकास।
7. उपदेशात्मक काव्य से नैतिक मूल्यों का विकास।

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SAGAR (M.P.)

## Department of Sociology

## BA - I Year Sanskrit (Major- I)

## Course Code- A1-SANS-2T

1. विश्व की धरोहर के रूप में घोषित ऋग्वेद सहित संपूर्ण वैदिक साहित्य की ज्ञान महिमा से छात्र लाभान्वित होंगे ।
2. व्याकरण के माध्यम से संस्कृत भाषा साहित्य की संरचना की समझ में सहायक।
3. छात्र में संस्कृत लेखन और अनुवाद की कला का विकास होगा ।
4. छात्र के धार्मिक और आध्यात्मिक व मनोवैज्ञानिक विकाम में सहयोगी सिद्ध होगा।
5. प्रकृति और पर्यावरण संरक्षण की प्रेरणा मिलेगी।
6. प्राचीन देवताओं और यज्ञ विधाओं से छात्र सुपरिचित हो सकेगा।
7. पृथ्वी की महिमा मे अवगत होकर छात्र में पृथ्वी माता के प्रति समर्पण की भावना विकसित होगी।
8. वाक्य निर्माण व प्रयोग का ज्ञान ।
9. संस्कृत भाषा में अनुवाद कला एवं सम्भाषण कौशल का विकास होगा।

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## Department of Psychology

## BA - I Year Psychology (Major- II)

## Course Code- A1 PSYC2T

1. Student will learn to apply practical application of psychological concepts of attention, learning and emotion.
2. Student will develop the skill of memory improvement.
3. Student will acquire the knowledge of achievement motivation in their life.
4. Student will learn to evaluate SWOC.
5. Student will develop ability to enhance their personality through applications of communication skills, time and stress management.

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Govt. P.G. Girls College
SAGAR (M.P.)

## Department of Psychology

## BA - I Year Psychology (Major- I)

## Course Code- A1 PSYC1T

1. Students will gain knowledge of personality.
2. Students will learn to implement coping strategies for better adjustment.
3. Students will develop skills to enhance self esteem. Self regulation and self presentation.
4. Students will learn the skills of SWOC. Communication, time and stress management for their life.
5. Acquisition of life skills based on happiness and positive thinking.

PRINCIPAL
Govt. P.G. Girls College
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## Department of Political Science

## BA - I Year Political Science (Major- II)

## Course Code- A1 POSC2T

1. Students will be able to understand the constitutional development in India.
2. They will be able to answer how constituent assembly was formed.
3. They will be able to describe the significance of the Preamble, Fundamental rights and Directive Principles of State Policy in the constitutional design of India.
4. They will be able to answer questions pertaining to the function and role of the President, Prime Minister, Governor, Chief Minister, Parliament and State legislature, and the courts in the Constitutional design of India.
5. They will be able to identify the power division in constitutional setup.

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## Department of Political Science

## BA - I Year Political Science (Major- I)

## Course Code- A1 POSC1T

1. Student will be able to understand meaning and significance of Political theory, different ideologies and approaches.
2. They will be able to explain concept of state and its changing nature.
3. They will learn what is power and authority and how they are interwoven. These two concepts will further enhance their understanding of politics.
4. They will be able to learn different dimensions of sovereignty and its relation with state.
5. They will be able to explain liberty, equality, justice and rights. Understanding of these key political concepts will facilitate students in real political world.
6. They will be able to explain different models of democracy and theories of representation.

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## Department of Home Science

## BA - I Year Home Science (Major- II)

## Course Code- A1 BAHS2T

1. Student will be able to identify the textile fiber sand describe the properties of textile fibers.
2. Get knowledge about fabric construction and finishing processes.
3. Learn various dyeing and printing methods.
4. Define basic sewing terminologies.
5. Understand body measurements.
6. Explain the methods of developing paper patterns
7. To know different parts of the sewing machine and their functions.
8. Identify the causes of working defects of sewing machines and suggest their remedies.
9. To select the appropriate clothing for various stages and occasions in life.

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## Department of Home Science

## BA - I Year Home Science (Major- I)

## Course Code- A1 BAHS1T

1- Understand the meaning of management and can be a successful manager.
2- Differentiate between right and wrong after learning the family values.
3- Establish the right family values and will carry forward their family culture and good values.
4- Understand use and importance of all the family resources like time, money and energy properly.
5- Simplify the daily activities by using work simplification techniques.
6- Make balanced and surplus budget to improve the financial status and will also learn about savings and investments.
7- Demonstrate skill in dry and fresh flower arrangement. This art has also been proven as job oriented in present scenario.
8- Demonstrate skill in the home management and interior decoration.

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## Department of History

## BA - I Year History (Major- II)

## Course Code- A1 HIST 2T

The students will learn to analyze the various stages of evolution and development of man in the Prehistoric, Proto historic and Historic Age. To have an in depth knowledge about the ancient civilizations of India like Indus-Saraswati Civilization, Vedic civilization, Later Vedic Civilization etc. and compare them with the other contemporary civilizations of the world. To explain in detail about golden past of India during the Mauryan and Gupta period, their conquests, art, architecture and literature, etc. They will able to write meaningful ssays on the brave and courageous, Rajput clans and the South Indian dynasties of India.

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## Department of History

## BA - I Year History (Major- I)

## Course Code- A1 HIST 1T

1. Students will acquire knowledge regarding the primitive life and cultural status of the people of ancient India.
2. They can gather knowledge about the society, culture, religion and political history of ancient India.
3. They will also acquire the knowledge of changing socio-cultural scenarios of India.
4. By studying this paper, students will get to know the golden past of India and feel proud of themselves.

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## Department of Hindi

## BA - I Year Hindi (Major- II)

## Course Code- A1-HLIT-2T

1. इस कोर्स के माध्यम से विद्यार्थी कार्यालय के कार्यों की मूलभूत जानकारी एवं कार्यशैली से परिचित हो सकेंगे। जिससे वे कार्यालयीन कार्य करने में सक्षम होंगे।

2. नई तकनीकी के माध्यम से ज्ञान विज्ञान के क्षेत्र में विशेषज्ञता प्राप्त कर सकेंगे।

3. भाषा कम्प्यूटिंग में दक्षता होगी तथा रोजगार प्राप्ति के अवसर मिलेंगे।

PRINCIPAL
Govt. P.G. Girls College
SAGAR (M.P.)

## Department of Hindi

## BA - I Year Hindi (Major- I)

## Course Code- A1-HLIT-1T

1. इस पाठ्यक्रम के अध्ययन से विद्यार्थी हिन्दी काव्य की सुदीर्घ परम्परा से पशिचित होंगे।

2. प्रसिद्ध रचनाओं के अध्ययन से देश की सामाजिक, सांस्कृतिक एवं राष्ट्रीय पृष्ठभूमि से सुविज्ञ होंगे।

3. विद्यार्थियों के व्यक्तित्व का विकास होगा, उनकी जीवन दृष्टि का विस्तार होगा जिससे वह जीवन एवं जीवन मूल्यों को समझने में सक्षम होंगे।

4. रचनात्मक कौशल में दक्षता होगी जिससे उन्हें रोजगार की अनेक संभावनायें मिलेगी।

PRINCIPAL
Govt. P.G. Girls College
SAGAR (M.P.)

## Department of Geography

## BA - I Year Geography (Major- II)

## Course Code- A1 GEOG2T

I. Understand the internal structure of the earth, rocks that compose it and forces within the earth that act to deform it.
II. Learn about the contribution of ancient Indian scholars in the development of Physical Geography.
III. Analyze how the natural and anthropogenic operating factors affect the development of land forms.
IV. Understand about the denudation processes that unceasingly act at the earth's surface to shape land forms and reduce relief.

- Assess the role of structure, stage and time in shaping the land forms.

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SAGAR (M.P.)

## Department of Geography

## BA - I Year Geography (Major- I)

## Course Code- A1 GEOG1T

I. Discuss and describe the major concepts and key principles of Human Geography including place, space, scale and landscape.
II. Appreciate the diversity of the cultural backgrounds and places.
III. Approach problem solving from a geographic perspective by understanding the role location plays.

PRINCIPAL
Govt. P.G. Girls College
SAGAR (M.P.)

## Department of English Literature

## BA - I Year English Literature (Major- II)

## Course Code- A1 ELIT2T

- To identify, interpret, analyze and appreciate the various elements of poetry.
- To develop literary intellect, and
- To appreciate the lyrical and sonorous quality of language.

PRINCIPAL
Govt. P.G. Girls College
SAGAR (M.P.)

## Department of English Literature

## BA - I Year English Literature (Major- I)

## Course Code- A1 ELIT1T

- Different genres of drama, like comedy, tragedy, epic theatre, and commedia dell arte.
- Distinctive features of Sanskrit, Greek, English, American, and Indian plays.
- Dramatic techniques and elements like plot, theme. Character, spectacle and narrative.

PRINCIPAL
Govt. P.G. Girls College
SAGAR (M.P.)

## Department of Economics

## BA - I Year Economics (Major- II)

## Course Code- A1 ECON2T

1. Students will be able to sharpen the analytical skills by highlighting on broad overview of the Indian economy.
2. They will be familiar with the issues related to Agriculture, Industry, Foreign Trade, Economic Planning and various Economic Problems of India.
3. Students will be acquainted with broad overview of Madhya Pradesh Economy.
4. They will be able to develop, analyze and interpret events and issues related to Indian Economy.

PRINCIPAL
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SAGAR (M.P.)

## Department of Economics

## BA - I Year Economics (Major- I)

## Course Code- A1 ECON1T

1. Students will be able to understand rational behavior and fundamentals of microeconomics.
2. They will be able to explain consumer's and producer's behavior and their optimum decisions.
3. Students will be able to know about the firms and industry, markets and their decisions about optimum production. They will be also able to explain the theory of distribution and concept of economic welfare.
4. Learning microeconomics is an excellent way to gain an understanding of many factors that affect us in the real- world, such as methods of buying goods, product pricing and input pricing. Ultimately, learning microeconomics is key in learning about the principles of economics.

PRINCIPAL
Govt. P.G. Girls College
SAGAR (M.P.)

## Department of Computer Application

## BCA - I Year (Major- II)

## Course Code- S1-BCAA2P

- Develop simple algorithms and flow charts to solve a problem with programming using top down design principles.
- Writing efficient and well-structured computer algorithms/programs.
- Learn to formulate literative solutions and array processing algorithms for problems.
- Use recursive techniques, pointers and searching methods in programming.
- Will be familiar with fundamental data structures, their implementation; become accustomed to the description of algorithms in both functional and procedural styles.
- Have knowledge of complexity of basic operations like insert, delete, search on these data structures.
- Possess ability to choose a data structure to suitably model any data used in computer applications.
- Assess efficiency tradeoffs among different data structure implementations.
- Implement and know the applications of algorithms for searching and sorting.
- Know the contributions of Indians in the field of programming and data structures.

PRINCIPAL
Govt. P.G. Girls College
SAGAR (M.P.)

## Department of Computer Application

## BCA - I Year (Major- I)

## Course Code- S1-BCAA1P

- Understand the basic structure, operation and characteristics of digital computer.
- Design simple combinational digital circuits based on given parameters.
- Understand the working of arithmetic and logic unit.
- Know about hierarchical memory system including cache memories and virtual memory.
- Know the contributions of Indians in the field of computer architecture and related technologies.

PRINCIPAL
Govt. P.G. Girls College
SAGAR (M.P.)

## Department of BBA

## BBA - I Year (Major- II)

## Course Code- M1-BBAA2T

1. Statistical Research Tools will increase student's ability to understand how to perform social researches.
2. Students will be equipped with knowledge about analyzing professional reports and will be able to make decisions based on the reports analyzed.
3. Students will learn about Quantization, analysis of performance relationship.

PRINCIPAL
Govt. P.G. Girls College
SAGAR (M.P.)

## Department of BBA

## BBA - I Year (Major- II)

## Course Code- M1-BBAA2T

1. Imagination, Ethical Theory and Skills to Interact, Students can learn how to do this ethically and effectively.
2. Students can learn and practice group communication skills. They will learn how to respond in discussions, interviews, conferences.
3. Students can learn nonverbal communication, listening and organizational culture.
4. Students can be equipped with knowledge of professional communication through the basic principles of writing professional papers and other document.

PRINCIPAL
Govt. P.G. Girls College
SAGAR (M.P.)

## Department of BBA

## BBA - I Year (Major- I)

## Course Code- M1-BBAA1T

1. Student will be able to assess the global context for planning, coordinating, and monitoring managerial behavior.
2. Through various planning and decision-making techniques, students can learn about how businesses ensure to remain in a competitive market.
3. Students will understand various forms of organizational structures and their importance.
4. Students can learn about various strategies used by businesses to maintain and improve employee efficiency.
5. Students will be able to understand how organizations use different leadership styles to stay competitive.

PRINCIPAL
Govt. P.G. Girls College
SAGAR (M.P.)

## Department of Zoology

## B.Sc - II Year Zoology (Major- I)

## Course Code- S2 ZOOL1T

1. Understand chordate diversity of animals and their taxonomic position.
2. Identify the morphological and anatomical features and basis of chordate classification.
3. Know economic importance and present status that will develop positive attitude towards conservation of biodiversity.
4. Differentiate the organism belonging to different tax a by studying comparative anatomy.
5. The project, assignment will give them a flavor of research in studying biodiversity, taxonomy besides improving their writing skills and lay foundation of career in Zoology.

PRINCIPAL
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SAGAR (M.P.)

## Department of Zoology

## B.Sc - II Year Zoology (Major- II)

## Course Code- S2 ZOOL2T

1. Understand how organs function at different levels i.e. from cellular to system levels.
2. Examine internal harmony of different body systems by learning inherent disorders and deficiencies, which is needed to maintain good health.
3. Understand functions of bio molecules & their role in metabolism by studying biochemistry.
4. Develop a strong foundation for research & employability skills.
5. Improve the student's perspective of health biology through deep study of physiology.

PRINCIPAL
Govt. P.G. Girls College
SAGAR (M.P.)

## Department of Physics

## B.Sc - II Year Physics (Major- I)

## Course Code- S2 PHYS1T

1. Develop an understanding of various aspects of harmonic oscillations and waves specially superposition of collinear and perpendicular harmonic oscillations.
2. Explain several phenomena of daily life that can be explained as wave phenomena.
3. Understand various optical phenomena, principles, workings and applications.
4. Use the principles of wave motion and superposition to explain the Physics of polarization, interference and diffraction.

PRINCIPAL
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SAGAR (M.P.)

## Department of Physics

## B.Sc - II Year Physics (Major- II)

## Course Code- S2 PHYS2T

1. Understand the basic concepts of electricity and magnetism and their applications.
2. Apply various network theorems and their applications in electronics, electrical circuit analysis, and electrical machines.
3. Understand the construction and working of ballistic galvanometer and cathode ray oscilloscope.
4. Understand the concept of electromagnetic waves and their reflection and refraction from a plane surface.

PRINCIPAL
Govt. P.G. Girls College
SAGAR (M.P.)

## Department of Mathematics

## B.Sc - II Year Mathematics (Major- I)

## Course Code- S2 MATH1T

1. Recognize the algebraic structures as a group, and classify them as abelian, cyclic and permutation groups, etc.
2. Link the fundamental concepts of groups and symmetrical figures.
3. Analyze the subgroups of cyclic groups.
4. Explain the significance of the notion of co sets, normal subgroups, and quotient groups.
5. The fundamental concept of rings, fields, sub rings, integral domains and the corresponding morphisms.
6. Analyze whether a finite set of vectors in a vector space is linearly independent. Explain the concepts of basis and dimension of a vector space.
7. Understand the linear transformations, rank and nullity, matrix of a linear transformation, algebra of transformations and change of basis.
8. Compute the characteristic polynomial, eigenvalues, eigenvectors, and eigenspaces, as well as the geometric and the algebraic multiplicities of an eigenvalue and apply the basic diagonalization result.

PRINCIPAL
Govt. P.G. Girls College
SAGAR (M.P.)

## Department of Mathematics

## B.Sc - II Year Mathematics (Major- II)

## Course Code- S2-MATH2T

1. Understand many properties of the real line R and sequences.
2. Calculate the limit superior, the limit inferior, and the limit of a bounded sequence.
3. Apply the mean value theorems and Taylor's theorem.
4. Apply the various tests to determine convergence and absolute convergence of an infinite series of real numbers.
5. Formulate, classify and transform partial differential equations into canonical form.

PRINCIPAL
Govt. P.G. Girls College
SAGAR (M.P.)

## Department of Industrial Microbiology

## B.Sc - II Year Industrial Microbiology (Major- I)

## Course Code- S2-INMB1T

1. Basic fermentations processes, design of various fermenters and their types.
2. Different separation techniques and application of fermentation in waste treatment.
3. Students will be able to select industrially important microbes for economical use.
4. Finally students will learn the economics of the fermentation for the total cost of production.

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Govt. P.G. Girls College
SAGAR (M.P.)

## Department of Industrial Microbiology

## B.Sc - II Year Industrial Microbiology (Major- II)

## Course Code- S2-INMB2T

1. The basic principle of biochemistry including important molecules their economic and scientific importance inside the cell.
2. The students will be able to understand the biochemical pathways of synthesis and degradation of these molecules and the transport of different metabolites generated with application in industrial processes.
3. In addition, the students will have comprehensive knowledge of the microbial physiology and biochemistry.

PRINCIPAL
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SAGAR (M.P.)

## Department of Industrial Chemistry

## B.Sc - II Year Industrial Chemistry (Major- I)

## Course Code- S2-ICHE1T

1. Sources, types, manufacture, process of setting and uses of lime.
2. General composition, manufacture, types, setting and properties of cement.
3. Types of ceramic bodies, fabrication methods, glazing and decoration of ceramics.
4. Purpose and methods of alloying, composition and uses of important alloys.
5. Pollutions caused by industries, major air pollutants and their sources.
6. Water pollution and water quality standards, water treatment and purification.
7. Industrial sources of soil pollution.

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Govt. P.G. Girls College
SAGAR (M.P.)

## Department of Industrial Chemistry

## B.Sc - II Year Industrial Chemistry (Major- II)

## Course Code- S2-ICHE2T

- Understand various types of Organic Reactions required in the Chemical Industries.
- Get an overview of the Unit Processes in Organic Chemicals Manufacture.
- Understand in detail, the mechanism of various Organic Reactions.
- Have an idea of manufacturing process of some important Organic Reagents.
- Get knowledge of thermo dynamical aspects of a reaction process.

PRINCIPAL
Govt. P.G. Girls College
SAGAR (M.P.)

## Department of Computer Application

## B.Sc - II Year Computer Application (Major- I)

## Course Code- S2-COAP1T

- To understand database concepts, applications, structure, need and database terminologies.
- To know about fundamentals of Relational Algebra and recovery & backup.
- To gain skills to create logical design of databases, including the E R method and normalization approach.
- To explore issues of transaction processing and concurrency control.
- To acquire knowledge of back-end project management skills.
- To get knowledge of Database and create own Database.
- For implementation of different security features to secure the database.

PRINCIPAL
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SAGAR (M.P.)

## Department of Computer Application

## B.Sc - II Year Computer Application (Major- II)

## Course Code- S2-COAP2T

- To learn fundamentals of. net framework
- To enrich knowledge about Windows Forms, Controls and ASP.NET based applications.
- To gain proficiency in C# by building stand-alone applications in the. NET framework using C#.
- To build data-driven applications using the. NET Framework, C#, and ADO.NET
- To acquire skills to create web-based applications and Reports using.net technologies.

PRINCIPAL
Govt. P.G. Girls College
SAGAR (M.P.)

## Department of Chemistry

## B.Sc - II Year Chemistry (Major- I)

## Course Code- S2-CHEM1T

- Various organic reactions, reagents and their mechanisms, which will be helpful in understanding organic synthesis.
- Application of the reactions in the various industries like pharmaceutical, polymer, pesticides, textile, dyes etc.
- Important key reactions used in further study and research work.

PRINCIPAL
Govt. P.G. Girls College
SAGAR (M.P.)

## Department of Chemistry

## B.Sc - II Year Chemistry (Major- II)

## Course Code- S2-CHEM2T

By the end of this course students will learn the following aspects of Chemistry

6. Introductory idea about Traditional Indian Chemistry.
7. Chemistry of d & f-block Elements, Basic Concepts of Coordination Chemistry.
8. Stereochemistry of Transition Metal Complexes.
9. Laws of Thermodynamics.
10. Concept of Phase Equilibrium with reference to Solid Solution, Liquid-Liquid Mixtures, Partially Miscible Liquids.
11. Basic Concepts of Electrochemistry.

PRINCIPAL
Govt. P.G. Girls College
SAGAR (M.P.)

## Department of Botany

## B.Sc - II Year Botany (Major- I)

## Course Code- S2 BOTA 1T

1. Students will learn the internal structure of plants. It will enhance the basic understanding of organization of plant body by cells and tissues.
2. Students will understand the dynamic mechanism of plant pollination, fertilization and development.
3. They will have hands on training on section cutting, preparation of slides, study of pollen and ovules.

PRINCIPAL
Govt. P.G. Girls College
SAGAR (M.P.)

## Department of Botany

## B.Sc - II Year Botany (Major- II)

## Course Code- S2 BOTA 2T

1. This course will provide knowledge on plants and their parts used in various industries.
2. Students will get an idea to establish plant based natural product industry.
3. This course will make the students self-reliant.

PRINCIPAL
Govt. P.G. Girls College
SAGAR (M.P.)

## Department of Biotechnology

## B.Sc - II Year Biotechnology (Major- I)

## Course Code- TH-2-SH-BTE C1 T

1. Students will be able to explain role of different protein/ enzymes involved in cell signaling.
2. They will be able to understand mechanism of genetic damage caused by mutation and role of various repair system in neglecting the effect of these mutation.
3. Students will be able to explain mechanism of DNA replication, transcription, translation and other related processes.

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SAGAR (M.P.)

## Department of Biotechnology

## B.Sc - II Year Biotechnology (Major- II)

## Course Code- TH -2-SH-BTE C2 T

1. The objectives of this course are to teach students with various approaches to conduct genetic engineering and their applications in biological research as well as in biotechnology industries.
2. Genetic engineering is a technology that has been developed based on our fundamental understanding of the principles of molecular biology and this is reflected in the contents of this course.
3. Given the impact of genetic engineering in modern society, the students should be endowed with strong theoretical knowledge of this technology.
4. In conjunction with the practical's in molecular biology and genetic engineering, the students should be able to take up biological research as well as placement in the relevant biotech industry.

PRINCIPAL
Govt. P.G. Girls College
SAGAR (M.P.)

## Department of Home Science

## B.A. - II Year Home Science (Major- I)

## Course Code- H2-HSCA-1T

1. Understand the biochemical process by which nutrients function, metabolize and excreted by the body.
2. Understand the basic phenomenon of nutrient absorption assimilation in healthy body.
3. Correlate deficiency and excess of nutrients with the symptoms of diseases.
4. Understand physiological processes and its relation to nutrition.

PRINCIPAL
Govt. P.G. Girls College
SAGAR (M.P.)

## Department of Home Science

## B.A. - II Year Home Science (Major- II)

## Course Code- H2-HSCA-2T

1. To understand basic sewing concepts and sewing equipments.
2. To develop skill in basic sewing techniques.
3. Identify the common fabrics used for clothing construction.
4. Utilize design components in garment construction.
5. Gain an insight of various sewing machines and other sewing equipments available in the market, their functioning & common problems faced while usage.
6. Understands various garment construction process.

PRINCIPAL
Govt. P.G. Girls College
SAGAR (M.P.)

## Department of Home Science

## B.A. - II Year Home Science (Major- I)

## Course Code- H2-HSCB-1T

1. Explain the role that aggression, anxiety and depression play in adolescent development.
2. Identify and explain the biological, psychological and Socio-cultural aspects of adolescent and emerging adult hood development.
3. Understand the challenges of late adulthood and taking care of the Elderly.

PRINCIPAL
Govt. P.G. Girls College
SAGAR (M.P.)

## Department of Home Science

## B.A. - II Year Home Science (Major- II)

## Course Code- H2-HSCB-2T

1. Understand elements and principles of design and refine personal aesthetic sense.
2. Understand role of furniture, soft furnishing, accessories, flower decoration and lighting in interiors.

PRINCIPAL
Govt. P.G. Girls College
SAGAR (M.P.)

## Department of Home Science

## B.A. - II Year Home Science (Major- I)

## Course Code- H2-HSCC-1T

1. Understand the importance of knowledge of science with respect to health and hygiene, household equipments and life style diseases.
2. Develop awareness towards healthy life and importance of hygiene.
3. Develop an understanding towards community and public health.

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Govt. P.G. Girls College
SAGAR (M.P.)

## Department of Home Science

## B.A. - II Year Home Science (Major- II)

## Course Code- H2-HSCC-2T

1. Develop skills in leadership.
2. Understand Community development programme.
3. Develop awareness towards community development.
4. Apply academic learning to real situations.
5. Develop sense of responsibility towards community development.
6. Participate actively in community development.

PRINCIPAL
Govt. P.G. Girls College
SAGAR (M.P.)

## Department of Commerce

## B.Com II Year (Major- II)

## Course Code- C2 COMA 2T

1. Apply a basic knowledge of statistics to business disciplines;
2. Develop the ability to analyze and interpret data to provide meaningful information to assist in management decision making activities;
3. Apply appropriate graphical and numerical descriptive statistics for different types of data;
4. Apply probability rules and concepts relating to discrete and continuous random variables to answer questions within a business context;
5. Explain and interpret a variety of hypothesis tests to aid decision making in a business context.
6. Use simple/multiple regression models to analyze the underlying relationships between the variables.

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## Department of Commerce

## B.Com II Year (Major- II)

## Course Code- C2-COMA 2T

1. Know the principles, concepts, benefits, utility of cost accounting.
2. In the event of setting up your own industry, being self-sufficient in cost accounting, you will be able to acquire knowledge of the methods of material issue, control and labor payment.
3. Will be expert in finding out unit cost, finding tender price, finding contract cost and finding profit.
4. Develop decision making ability through marginal cost analysis, standard cost analysis.
5. Will be able to get employment as a cost analyst in small, big business houses.

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SAGAR (M.P.)

## Department of Commerce

## B.Com II Year (Major- II)

## Course Code- C2 COMA 1T

1. An understanding of the regulatory environment in which the companies are formed and operate.
2. A solid foundation in accounting and reporting requirements of the Corporations Act and Accounting Standards.
3. Describe the rationale, merits, and demerits of issuing bonus shares for a company.
4. Prepare financial statements (Profit & Loss Account, Balance Sheet, etc.) using online software.
5. Prepare balance sheet after Internal Reconstruction of company;
6. Analyze the case study of major amalgamations of companies in India.
7. Describe the process of e-filing of annual reports of companies.

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SAGAR (M.P.)

## Department of Computer Application

## BCA II Year (Major- II)

## Course Code- S2-BCAA2P

- Explain the features of database management systems and relational database.
- Design conceptual models of a database using ER modeling for real life applications and construct queries in relational algebra.
- Create and populate a RDBMS for a real-life application, with constraints and keys, using SQL.
- Retrieve any type of information from a database by formulating complex queries in SQL.
- Analyze the existing design of a database schema and apply concepts of normalization to design an optimal database.

PRINCIPAL
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SAGAR (M.P.)

## Department of Computer Application

## BCA II Year (Major- I)

## Course Code- S2-BCAA1P

- Demonstrate the Basic Concepts of Networking, Networking Principles, Routing Algorithms, IP Addressing and Working of Networking Devices.
- Demonstrate the Significance, Purpose and application of Networking Protocols and Standards.
- Describe, compare and contrast LAN, WAN, MAN, Intranet, Internet, AM, FM, PM and Various Switching Techniques.
- Explain the working of Layers and apply the various protocols of OSI & TCP/IP model.
- Analyze the Requirements for a Given Organizational Structure and Select the Most Appropriate Networking Architecture and Technologies.
- Design the Network Diagram and Solve the Networking Problems of the Organizations with Consideration of Human and Environment. Install and Configure the Networking Devices.

PRINCIPAL
Govt. P.G. Girls College
SAGAR (M.P.)

## Department of BBA

## BBA II Year (Major- II)

## Course Code- M2-BBAA2T

1. Students will be able to know the organizational behavior, its important and comparison of various theories of organizational behavior. This outcome of organizational behavior will introduce to several theories on management framework, role of managers, skills of managers, and manager's jobs.
2. Examine the components and theories behind leadership, power, and politics. They can analyze real situations where leadership, power, and politics are illustrated positively and negatively
3. Analyze various Stress management and coping strategies.
4. Compare different organizational cultures, examine characteristics of cultures, explore global implications, and examine creating and sustaining a positive culture, and assessing the impact of culture on organizational behavior.

PRINCIPAL
Govt. P.G. Girls College
SAGAR (M.P.)

## Department of BBA

## BBA II Year (Major- II)

## Course Code- M2-BBAA2T

1. To provide the student a basic knowledge of financial markets and institutions and to familiarise them with major financial services in India.
2. They will be able to know various money market and capital market instruments.
3. The will be able to understand the functions and organisation of capital market and money market in India.
4. They will be able to know about various financial services provided in the financial market.
5. They will understand various financial institutions and their role in financing of the business.

PRINCIPAL
Govt. P.G. Girls College
SAGAR (M.P.)

## Department of BBA

## BBA II Year (Major- I)

## Course Code- M2-BBAA1T

1. Students will have the awareness about the various types of support rendered by the institutions to the entrepreneurs.
2. The students will be able to do the financial analysis and interpretation of any business concern independently.
3. The students will be able to evaluate comparative working capital management policies and their impact on the firm's profitability, liquidity, risk and operating flexibility. They will be also able to design the combination of debt and equity used to finance a firm.
4. The students will learn to make decisions regarding the purchase of long-term assets or the start of a business project.
5. The students will be able to differentiate between the different models of dividend payout policy and their calculations.

PRINCIPAL
Govt. P.G. Girls College
SAGAR (M.P.)

## Department of Sociology

## BA II Year Sociology (Major- II)

## Course Code- A2-SOCI-2T

1. This paper will introduce the students with the concept, various factors, processes and theories of social change.
2. It will also gave them knowledge about the concept of development and its consequences.
3. The critical contributions would enable students to come out with understanding of policies and initiatives taken by the government, their implementation and resulting problems.
4. Students, well versed with this course are most likely to get job opportunities in various departments of planning and development, in NGOs which work as agencies of change and development and research institutes which deal with project and planning.

PRINCIPAL
Govt. P.G. Girls College
SAGAR (M.P.)

## Department of Sociology

## BA II Year Sociology (Major- I)

## Course Code- A2 SOCI 1T

1. It will teach students about the importance of reality and the ways to obtain objective and reliable information.
2. It will develop reading, writing and reasoning skills among the students.
3. This paper is designed to acquaint students with scientific ways of studying social phenomena.
4. The students, well versed with this course will have many jobs opportunities in academic, fundamental and policy research projects undertaken both by the government and non-government agencies.

PRINCIPAL
Govt. P.G. Girls College
SAGAR (M.P.)

## Department of Sanskrit

## BA II Year Sanskrit (Major- II)

## Course Code- A2-SANS-2T

1. छात्रों को काव्य विधाओं से परिचित कराना ।
2. छात्रों को आश्रम के नियमों तथा गौ–सेवा की महिमा का बोध कराना।
3. नाट्यशास्त्रीय तत्त्वों का ज्ञान ।
4. रंगमंचीय प्रयोग तथा नाट्यलेखन की विधा का परिचय ।
5. छात्रों में अभिनय कला का विकास तथा अभिरुचि संवर्धन ।
6. छात्रों को प्राचीन नाट्यकारों एवं उनकी कृतियों से परिचित कराना ।
7. छात्रों को जीवन मूल्यों एवं नैतिक दायित्व की शिक्षा प्रदान कराना ।

PRINCIPAL
Govt. P.G. Girls College
SAGAR (M.P.)

## Department of Sanskrit

## BA II Year Sanskrit (Major- I)

## Course Code- A2-SANS-1T

1. छात्रों के चारित्रिक विकास में अत्यन्त उपयोगी ।
2 सार्वभौमिक दृष्टि से आध्यात्मिक उन्नयन में सहायक ।
3 भारतीय दार्शनिक चिन्तन की वैज्ञानिकता का अवबोध ।
4 भारतीय संस्कृति एवं कलाओं से परिचित कराना।
5 छात्रों के बौद्धिक एवं मानसिक विकास के साथ भाषा अवबोध हेतु महत्त्वपूर्ण ।
6 छात्रों को काव्य विधा लेखन की कला में दक्ष बनाना ।
7 संस्कृत में वाक्य निर्माण और प्रयोग का ज्ञान कराना ।
8 संस्कृत में अनुवाद एवं संभाषण कौशल का विकास ।

PRINCIPAL
Govt. P.G. Girls College
SAGAR (M.P.)

## Department of Psychology

## BA II Year Psychology (Major- II)

## Course Code- A2 PSYC2T

1. Student will gain knowledge of nature and process of counseling along with the difference between guidance and counseling.
2. Students will develop skills of counseling for solving the problems of clients in different areas.
3. Students will be able to understand counseling techniques.
4. Students will develop the abilities to become an effective counselor.
5. Students will be able to provide counseling in special areas such as old age people, drug abuse, HIV, AIDS & cancer patients and career counseling.

PRINCIPAL
Govt. P.G. Girls College
SAGAR (M.P.)

## Department of Psychology

## BA II Year Psychology (Major- I)

## Course Code- A2 PSYC1T

1. Students will be able to critically assess the information related to the study of behavior and mental processes.
2. Students will gain knowledge about causes, types, and prevention of abnormal behavior.
3. Students will be able to compare biological, psychological and social views of abnormal behavior.
4. Students will be able to impart basic knowledge of characteristics of specific anxiety, mood, and personality, psychotic and psychosomatic disorders.
5. Students will be able to utilize the acquired knowledge in the area of specific learning disabilities.

PRINCIPAL
Govt. P.G. Girls College
SAGAR (M.P.)

## Department of Political Science

## BA II Year Political Science (Major- II)

## Course Code- A2-POSC2T

1. Students will be able to think of Manu and Kautalya.
2. Students will be able to explain Social and Political Ideas of Rajaram Mohan Roy, Swami Vivekananda, Lokmanya Bal Gangadhat Tilak, Shri Aurobindo Ghosh.
3. They will be able to explain the key ideas of Mahatma Gandhi, Jawaharlal Nehru, Subhas Chandra Boseand Dr. Bhimrao Ambedkar
4. Students will be able to evaluate the ideas of M.N.Roy. Ram Manohar Lohia, Jayaprakash Narayan and Pt. Deendayal Upadhyaya.
5. They will be able to understand the contribution of Women in Indian Political Thought..

PRINCIPAL
Govt. P.G. Girls College
SAGAR (M.P.)

# Department of Political Science

## BA II Year Political Science (Major- I)

## Course Code- A2 POSC1T

1. The students will understand the significance of study of Political Philosophy.
2. The students will know the key ideas of Greek Political thinkers Plato and Aristotle
3. They will be able to explain what was the ideal state according to Plato and how was it linked to his scheme of education and theory of justice.
4. They will be able to answer how Aristotle differed from his master Plato on the conception of justice.
5. They will be able to answer why Machiavelli is called the child of his age.
6. They will be able to answer how and why Machiavelli gave an overriding priority to pragmatism above ethics and values in operation of statecraft.
7. They will be able to make a distinction among Hobbes, Locke, and Rousseau on the state of nature, the law of nature, nature and form of contract and the emergence of state from the contract.
8. Students would learn the key ideas of idealist thinkers
9. Students would learn the key ideas in Marxism and will be able to answer the Socialist and communist tradition after Marx in Political ideas of Lenin and Laski.

PRINCIPAL
Govt. P.G. Girls College
SAGAR (M.P.)

## Department of Home Science

## BA II Year Home Science (Major- II)

## Course Code- A1 BAHS2T

1. Understand basic concepts in Food and Nutrition and interpret relation between food, nutrition and health.
2. Know various functions of the food.
3. Describe functions, dietary sources, symptoms and effects of deficiency or excess of important nutrients.
4. Analyse the foods according to nutritional value and functions.
5. Know the advantages of cooking and understand healthy cooking practices.
6. Describe various methods of cooking and the principles underlying them.
7. Analyse the effect of various methods of cooking on nutritional and non-nutritional components of food.

**Section- B**

1. Understand the concept of Extension.
2. Understand the role of Home Science Extension Education in National development.
3. Learn the use of various methods for extending HomeScience knowledge to the communities.
4. Develop better communication skills by understanding various elements of communication process.
5. Understand the obstacles in communication process to make communications more effective.

PRINCIPAL
Govt. P.G. Girls College
SAGAR (M.P.)

## Department of Home Science

## BA II Year Home Science (Major- I)

## Course Code- A2-BAHS1T

1. Understand the manning of human development.
2. Get acquainted with all the stages and development of Life span.
3. Knowing the adolescent stage, being aware of the changes happening in themselves, their problems and solutions.
4. Understand the meaning and significance of marriage, marital adjustment and family relationship.
5. Familiarize towards parenthood and Parental attitude.
6. Sensitize for adulthood and old age.

PRINCIPAL
Govt. P.G. Girls College
SAGAR (M.P.)

## Department of History

## BA II Year History (Major- II)

## Course Code- A2 HIST 2T

- Understand in detail the colonial administration with all its salient features and the relations between the British and the Indian states. They will also learn about all the treaties that the kings of India were forced to make with the British.
- To have a clear view of the political condition and major events during the last phase of the British rule in India. They will be able answer queries related to the formation of Indian National Congress.
- Prepare a short power point presentation of the Gandhian Era, highlighting the life and works of Gandhi. They will also be able to conduct a discussion on the role of women in the Indian National Movement and write a short biography of the prominent leaders of the country who sacrificed their everything for the country without worrying about the consequences..

PRINCIPAL
Govt. P.G. Girls College
SAGAR (M.P.)

## Department of History

## BA II Year History (Major- I)

## Course Code A2 HIST 1T

- Present clear cut ideas about the consolidation of the Delhi Sultanate and contemporary Indian rulers. They will be able to give an analytical view of the various dynasties of the Delhi sultanate, which dominated the political and cultural, landscape of that period for a long time.
- Debate and discuss on the reign of Akbar and the conflicts and struggles with the Rajputs and Marathas. They will be able to explain with examples the causes of India's fragmentation and try to learn a lesson from the past.

PRINCIPAL
Govt. P.G. Girls College
SAGAR (M.P.)

## Department of Hindi

## BA II Year Hindi (Major- II)

## Course Code A2-HLIT-2T

1. विद्यार्थियों में अनुवाद कौशल का विकास होगा।

2. भारतीय एवं विश्व भाषा साहित्य के अनुवाद क्षेत्र में रोजगार के अवसर प्राप्त होंगे।

3. वैश्विक प्रतिस्पर्धात्मक वातावरण के साथ सामंजस्य बनाने में सक्षम होंगे।

PRINCIPAL
Govt. P.G. Girls College
SAGAR (M.P.)

## Department of Hindi

## BA II Year Hindi (Major- I)

## Course Code A2-HLIT-1T

1. विद्यार्थी हिन्दी गद्य साहित्य एवं प्रमुख रचनाओं से परिचित होंगे।
2. विद्यार्थियों में साहित्य अध्ययन से संवेदनशीलता एवं मानवीय, गुणों का विकास होगा।
3. साहित्य क्षेत्र में सर्जनात्मक लेखन एवं समीक्षा के प्रति प्रेरित होंगे। उन्हें रचनाओं के प्रकाशन एवं अध्यापन के क्षेत्र में रोजगार प्राप्ति के अवसर प्राप्त होंगे।

PRINCIPAL
Govt. P.G. Girls College
SAGAR (M.P.)

## Department of Geography

## BA II Year Geography (Major- II)

## Course Code - A2 GEOG2T

I. Appreciate the elements of Weather and Climate and its impact at different scales.

II. Learn about the knowledge of Weather and Climate Available in Ancient Indian Literature.

III. Learn about the climatic region of the world and their basis.

IV. Comprehend the climatic aspects and its bearing on the planet earth.

PRINCIPAL
Govt. P.G. Girls College
SAGAR (M.P.)

## Department of Geography

## BA II Year Geography (Major- I)

## Course Code - A2 GEOG1T

After the completion of course, the students will be able to:

I. Explain the role of historical, environmental, cultural and other factors responsible for the location and distribution of economic activities.
II. Establish and analyze spatial pattern of economic development.
III. Examine man's economic activities in light of his environment.
IV. Learn about the selected industries of Madhya Pradesh.

PRINCIPAL
Govt. P.G. Girls College
SAGAR (M.P.)

## Department of English

## BA II Year English (Major-II)

## Course Code - A2 ELIT2T

- Understand various aspects and forms of fiction,
- Trace the origin and development of English novel,
- Appreciate morality and humanity,
- Improve the understanding of the world and the complexities of human mind; and
- Expand creativity and imagination and enrich the vocabulary in a delightful manner.

PRINCIPAL
Govt. P.G. Girls College
SAGAR (M.P.)

## Department of English

## BA II Year English (Major- II)

## Course Code - A2 ELIT1T

- Analyze literary devices, forms and techniques in order to appreciate and interpret the text.
- Broaden analytical skills and develop critical thinking skills.
- Cultivate wisdom and world-view within themselves; and
- Develop language and communication skills and creativity.

PRINCIPAL
Govt. P.G. Girls College
SAGAR (M.P.)

## Department of Economics

## BA II Year Economics (Major- II)

## Course Code - A2 ECON2T

- Explain the quantity theory of money, determinants of money supply, the process of credit creation, credit control and other functions of commercial banks and central bank.
- Understand the issues like the role of the state, provision of public goods, optimal design of tax and economic policies.
- Describe the role of public expenditure and effects of taxation and public debt in developing country.

PRINCIPAL
Govt. P.G. Girls College
SAGAR (M.P.)

## Department of Economics

## BA II Year Economics (Major- I)

## Course Code - A2 ECON1T

1. Students will be able to explain the difference between macroeconomics and microeconomics, common macroeconomic variables, national income and determination of output and employment in classical and Keynesian approaches.
2. They will be able to understand the consumption and investment function of an economy and to derive IS-LM curves and use the framework to explain the working of an economy.
3. Students will also be able to explain the concept, measurement and effects of inflation, deflation and the various theories of trade cycle.

PRINCIPAL
Govt. P.G. Girls College
SAGAR (M.P.)

## Department of Zoology

## B.Sc- III Year Zoology (Major- I)

## Course Code - S3 ZOOL-1D

1. Identify Aquaculture and its scope in India.
2. Recognize the different economically important fishes and other cultural fauna.
3. Identify the details of different steps involved in Aquaculture.
4. Identify the profitability of the culture and identify the fields of Aquaculture which generate self employment.

PRINCIPAL
Govt. P.G. Girls College
SAGAR (M.P.)

## Department of Zoology

## B.Sc- Zoology III Year (Major- II)

## Course Code - S3 ZOOL2D

- Identify and realize the values of wild animals, forests and the rare, threatened and endangered species of wildlife.
- Gain knowledge of conservation of forest and wild animals (Ex situ and In situ)
- Identify the role of local and tribal communities in protected areas.
- Know the opportunities of employment in the field of wild life.
- Develop an understanding for wise use and management of natural resources.

PRINCIPAL
Govt. P.G. Girls College
SAGAR (M.P.)

## Department of Physics

## B.Sc- III Year Physics (Major- I)

## Course Code - S3- PHYS1D

- Know the Quantum mechanics and its applications.
- Explain the atomic structures and X-rays.
- Analyze the molecular spectra such as electronic, rotational and vibrational.
- Identify the various materials Using Raman Spectroscopic techniques.

PRINCIPAL
Govt. P.G. Girls College
SAGAR (M.P.)

## Department of Physics

## B.Sc- III Year Physics (Major- II)

## Course Code S3- PHYS2D

- Understand the structures of solids, Space lattices and bonding of atoms in crystals.
- Develop Basis underastanding of Physical Properties of matter such as specific heat, electrical conductivity and lattice vibrations in crystals.
- Understand the principles related to energy bands in solid-state devices, operation of diodes and their applications.
- Develop the theoretical understanding on operation of transistor amplifiers and oscillators and their applications to electronic devices.
- Understand Basic concepts of modulation and demodulation.

PRINCIPAL
Govt. P.G. Girls College
SAGAR (M.P.)

## Department of Mathematics

## B.Sc- III Year Mathematics (Major- I)

## Course Code - S3 MATH-1D

- Understand numerical methods to find the solution of a system of linear equations.
- Compute interpolation value for real data.
- Find quadrature by using various numerical methods.
- Solve system of linear equations by using various numerical techniques.
- Obtain solutions of ordinary differential equations by using numerical methods.

PRINCIPAL
Govt. P.G. Girls College
SAGAR (M.P.)

## Department of Mathematics

## B.Sc- III Year Mathematics (Major- II)

## Course Code - -S3-MATH2D

- Apply the Boolean algebra, switching circuits and their applications.
- Minimize the Boolean Function using Karnaugh Map.
- Understand the lattices and their types.
- Graphs, their types and its applications in study of shortest path algorithms.
- Test whether two given graphs are isomorphic.
- Understand the Eulerian and Hamiltonian graphs.
- Represent graphs using adjacency and incidence matrices.

PRINCIPAL
Govt. P.G. Girls College
SAGAR (M.P.)

## Department of Industrial Microbiology

## B.Sc- III Year Industrial Microbiology (Major- I)

## Course Code -S3-INMB-1D

- Genetics And Molecular basis of micro-organism.
- Nucleic acid metabolism and DNA
- Protein synthesis and Gene Regulation.
- Mutation and gene re combination in Bacteria.
- Recombinant DNA Technology
- Gene Interaction and Fingerprinting.

PRINCIPAL
Govt. P.G. Girls College
SAGAR (M.P.)

## Department of Industrial Microbiology

## B.Sc- III Year Industrial Microbiology (Major- II)

## Course Code -S3-INMB2D

- Environmental Habitat of Microbes
- Physiological Adaptation Of Microbes
- Water & Air Microbiology
- Biogeochemical Cycling (in Relation to Microbes)
- Microbial Bioremediation.

PRINCIPAL
Govt. P.G. Girls College
SAGAR (M.P.)

## Department of Industrial Chemistry

## B.Sc- III Year Industrial Chemistry (Major- I)

## Course Code -S3-ICHE-1D

1. Demonstrate the history of polymeric materials and their classification.
2. Distinguish different mechanisms of polymerization and polymerization techniques.
3. Evaluate kinetic chain length of polymers based on their mechanism.
4. Differentiate between polymers and copolymers.
5. Explain Different methods of finding out average molecular weight of polymers.
6. Analyze properties and Processing of polymers.
7. Demonstrate synthesis and applications of various useful polymers in our daily life.
8. Learn about Biopolymers and Biomedical applications.
9. Apply Nanotechnology in Polymer Synthesis.

PRINCIPAL
Govt. P.G. Girls College
SAGAR (M.P.)

## Department of Industrial Chemistry

## B.Sc- III Year Industrial Chemistry (Major- II)

## Course Code -S3-ICHE-2D

- The Different types of Chemical Methods of analysis.
- The Instrumentation and applications Of UV - Visible, Atomic, IR, Raman, NMR spectroscopy & Mass Spectrometry.
- Get awareness of the principle & Procedures Such as pH Metry, Conductometry & Flame Photometry.
- The important Diffraction Techniques Used in polymer Industries.

PRINCIPAL
Govt. P.G. Girls College
SAGAR (M.P.)

## Department of Computer Application

## B.Sc III Year Computer Application (Major- I)

## Course Code - S3-COAP1D

- To understand to analyze the structure and basic architectural components involved in OS.
- To display competence in recognizing and using operating system features.
- To gain knowledge of implementation of different operating systems aspect.
- To apply knowledge of different operating system algorithms.
- To contribute and make enhancements in the features of operating systems.
- To create own android OS based application (Apps) and implement or install in smart phone.
- To create new apps for business point of view.

PRINCIPAL
Govt. P.G. Girls College
SAGAR (M.P.)

## Department of Computer Application

## B.Sc III Year Computer Application (Major- II)

## Course Code - S3-COAP2D

- To learn the basic taxonomy and terminology of computer networking area.
- To enrich various concepts of Protocol Hierarchies, Design Issues, Interfaces and Services including Connection Oriented and Connection less Services.
- To study about OSI Layers, LAN, MAN, WAN, Internet and IEEE Standards.
- To build network topologies and use appropriate network tools.
- To gain skills of implementation of Network Security and Socket Programming.

PRINCIPAL
Govt. P.G. Girls College
SAGAR (M.P.)

## Department of Chemistry

## B.Sc III Year Chemistry (Major- III)

## Course Code - S3-CHEM-3D

- Preparation of standard samples for analysis.
- Instrumentation for analytical methods of Chemistry.
- Instrumentation for various spectroscopic techniques.
- Principles and instrumentation of various electro analytical techniques.
- Instrumentation used in optical methods of analysis.
- Advanced chromatographic techniques.

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Govt. P.G. Girls College
SAGAR (M.P.)

## Department of Chemistry

## B.Sc III Year Chemistry (Major- IV)

## Course Code - S3-CHEM-4D

- Biophysical concepts like pH, biological oxidation, and bioenergetics.
- Magnetic properties and electronic spectra of transition metal complexes.
- Structure and bonding analysis of organ metallic compounds using the MO theory
- Organ metallic compounds of main group elements and their structure and bonding analysis
- Bio inorganic chemistry and role of metal ions in biological systems.

PRINCIPAL
Govt. P.G. Girls College
SAGAR (M.P.)

## Department of Botany

## B.Sc III Year Botany (Major- I)

## Course Code- S3 BOTA 1D

1. This course provides learning opportunities in the field of plant physiology, metabolism and biochemical aspects.
2. It gives knowledge about significance of vegetation for sustaining life on earth by learning interesting physiological functions of plants.
3. Students can know the valuable contribution of plants for mankind and society with the help of this course.
4. The practical application of different aspects will be possible for entrepreneurship development..

PRINCIPAL
Govt. P.G. Girls College
SAGAR (M.P.)

## Department of Botany

## B.Sc III Year Botany (Major- II)

## Course Code- S3 BOTA 2D

1. Observing the forested landscape.
2. Analyzing data.
3. Critiquing.
4. Synthesizing.
5. Communicating.
6. Identification of forest types.
7. Role and importance of forests in human life.

PRINCIPAL
Govt. P.G. Girls College
SAGAR (M.P.)

## Department of Biotechnology

## B.Sc III Year Biotechnology (Major- I)

## Course Code- S3-BTE C1 D

1. Student will get concept of industrial and human beneficial living organism, their exploitation and application.
2. Student will get insight on industrially important organism, recent development in fermentation processes and various optimization strategies at fermenter level.
3. Creat interest about design, types of fermenter and various critical components of bioreactors.

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Govt. P.G. Girls College
SAGAR (M.P.)

## Department of Biotechnology

## B.Sc III Year Biotechnology (Major- II)

## Course Code- S3-BTE C2D

1. The student will empower with the fundamental of the agriculture biotechnology such as organic farming agro biology and techniques.
2. The learner will get the deep understanding of soil microbiology, microbial diversity of soil and importance of organic farming.
3. Student will empower through the hand on training on compositing, vermiculture and methane production.
4. Learned molecular tetchiness will provide knowledge of further application.
5. Basic principle biofertilizer and biopecticide development will impart field knowledge..

PRINCIPAL
Govt. P.G. Girls College
SAGAR (M.P.)

## Department of Home Science

## BHSC III Year Home Science (Major- I)

## Course Code H3-HSCA-1D

1. Understand the importance and principle of Nutrition Care.
2. Develop the ability to Modify Normal diet for therapeutic purposes
3. Understand the metabolic Changes, Clinical symptoms and dietary management of Some diseases
4. Imbibe the Skill to plan Prepare and serve therapeutically modified diet in Diseases
5. Provide Facility of dect Counselor.

PRINCIPAL
Govt. P.G. Girls College
SAGAR (M.P.)

## Department of Home Science

## BHSC III Year Home Science (Major- II)

## Course Code H3- H3-HSCA-2D

1. Understand the role of Nutrition and Health in National Development.
2. Understand Nutritional Problems Prevalent in India And the role of National Nutrition Policy And National And International agencies to Overcome malnutrition.
3. Develop the skills to educate People for good eating habits and stay healthy.

PRINCIPAL
Govt. P.G. Girls College
SAGAR (M.P.)

## Department of Home Science

## BHSC III Year Home Science (Major- I)

## Course Code - H3-HSCB-1D

1. Communicate respectfully and collaborate effectively with children families and colleagues.
2. Facilitate children's learning through play, exploration, investigation and enquiry.
3. Engage in responsive interactions with children that support their learning..

PRINCIPAL
Govt. P.G. Girls College
SAGAR (M.P.)

## Department of Home Science

## BHSC III Year Home Science (Major- II)

## Course Code - H3-HSCB-2D

1. Identify And Address the Emotional, psychological and behavioral problems in the family.
2. Understand the importance of counseling and welfare programs to pursue a career in the same

PRINCIPAL
Govt. P.G. Girls College
SAGAR (M.P.)

## Department of Home Science

## BHSC III Year Home Science (Major- I)

## Course Code - H3-HSCC-1D

1. Explain mode of transmission of communicable diseases.
2. Understand causative factors of Environmental Pollution.
3. Know the importance of health checkups and healthy living styles.
4. Create awareness programme for good health.

PRINCIPAL
Govt. P.G. Girls College
SAGAR (M.P.)

## Department of Home Science

## BHSC III Year Home Science (Major- II)

## Course Code - H3-HSCC-2D

1. Explain Ethics and Moral values.
2. Develop Social and Interpersonal Skill to co-operate with the demand of everyday life.
3. Build self Confidence and courage.
4. In self defiance.
5. Develop critical thinking to help communicate effectively.
6. Inculcate listening skills and handle stress..

PRINCIPAL
Govt. P.G. Girls College
SAGAR (M.P.)

## Department of Commerce

## B.Com III Year (Major- I)

## Course Code - C3 COMA 1D

1. Understand the basic concepts in the law of Income tax and determine the Residential status of Different persons.
2. Indentify the five heads in which income is categorized and compute income under the provisions various heads.
3. Understand clubbing procedures, aggregate income after set off and carry forward of losses and deduction allowed under the income tax act. and further to compute taxable income and tax liability of individuals.
4. Develop the ability to file online return.

PRINCIPAL
Govt. P.G. Girls College
SAGAR (M.P.)

## Department of Commerce

## B.Com III Year (Major- II)

## Course Code - C2-COMA 2D

1. Connect with the genesis of goods and services tax (GST), decipher the constitutional amendment carried out to install in India and comprehend the composition and working of GST council.
2. Understand the meaning of supply under GST law.
3. Comprehend the utilization Of input tax credit
4. Understand the provisions for registration under GST law.
5. Know the basic concepts of customs Act and to compute the assessable value for charging customs duty.

PRINCIPAL
Govt. P.G. Girls College
SAGAR (M.P.)

## Department of Computer Application

## BCA III Year (Major- I)

## Course Code - S3-BCAA1D

1. Understand the basics of Computer Graphics, Different graphics systems and applications of computer graphics.
2. Discuss various algorithms for scan conversion and filling of basic objects and their comparative analysis.
3. Use of geometric transformations on graphics objects and their application in composite form.
4. Extract Scene with different clipping methods and its transformation to graphics display device.
5. Explore projections and visivle surface detection techniques for display of 3D scene on 2D Scene.
6. Render projected objects to naturalize the scene in 2D View and use of illumination models for this.

PRINCIPAL
Govt. P.G. Girls College
SAGAR (M.P.)

## Department of Computer Application

## BCA III Year (Major- II)

## Course Code - S3-BCAA2D

1. Develop and execute simple Python programs.
2. Structure a Python program into functions.
3. Using python lists Tuples to represent compound data.
4. Develop Python Programs for file Processing.

PRINCIPAL
Govt. P.G. Girls College
SAGAR (M.P.)

## Department of Computer Application

## BCA III Year (Major- III)

## Course Code - S3-BCAA3D

1. Understand the Basics of data warehouse. it's storage fundamentals and knowledge discovery in databases
2. Apply Data mining techniques over different datasets.
3. Implement clustering algorithms and build classification models.
4. Select appropriate DM tools and apply the concepts of data Warechouse and DM techniques for clustering association and classification.
5. Explore recent trends in data mining such as web mining. Spatial-temporal mining.

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## Department of Computer Application

## BCA III Year (Major- IV)

## Course Code - S3-BCAA4D

1. Understand Basics of Internet World Wide Web (WWW), Client server Computing and have Information of Various Protocols.
2. Have Knowledge of various web browsers, familiarize with java Scripting, Client side Scripting language, Web server Architecture, database connectivity (DBC) and ODBC.
3. Have Knowledge of HTML, it's essential tags Attributes, Text styles, Links to External Document and different sections of a HTML page.
4. Develop skills to generate HTML And DHTML page and have knowledge of java Script assisted style sheets (JSSS).
5. Have Knowledge of Objects, Methods, Events and Functions and various types of text styles and be able to relate java Script to DHTML.

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## Department of BBA

## BBA III Year (Major- I)

## Course Code - M3-BBAA1D

1. Understand the Concept of Security and various kind of investments.
2. Develop Understanding regarding Indian capital market Saving patterns and Indian Stock Market
3. Understand the role of various Market Intermediaries
4. Learn the concepts of Fundamental Analysis and Efficient market theory.
5. Understand the Fundamental concepts of derivative Markets.

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## Department of BBA

## BBA III Year (Major- II)

## Course Code - M3-BBAA2D

1. Acquire Conceptual Knowledge about the management of the customer's Securities with special reference to India.
2. Able to Understand the Management or the Portfolio.
3. Learn about the compels nature the management of projects and counseling as well as appraisal.
4. Understand the Management of Underwriting of shares and debentures.
5. Learn about the circumvention of the syndication of loans.
6. Sharpen Information about management of the Interest and Dividend etc.

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## Department of Sociology

## BA III Year Sociology (Major- I)

## Course Code - A3 SOCI 1T

1. The original text of sociological thought.
2. They will be able to critically analyze the theoretical arguments of different scholars.
3. Students will be able to apply sociological theories to understand the Social phenomena of the practical world.
4. This course will be helpful to develop deep scientific and logical understanding about society, culture and traditions among students.

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## Department of Sociology

## BA III Year Sociology (Major- II)

## Course Code - A3 SOCI 2T

1. Study of this paper will help students to understand the institutional and structural concepts of population in a scientific and logical manner.
2. Population density, sex ratio age and income distribution pattern etc will be covered in this paper which can help students to establish their own business.
3. Knowledge about MP and India's different population indices will help students in sompetitive examinations
4. Various data regarding population will help students in high level research work in future
5. Different technical terms like fertility, mortality, life expectancy etc will impart knowledge to students which will help make them aware of future scenario.
6. Various constitutional provisions related to family planning and safe Motherhood will lead to basis of women empowerment.
7. Knowledge regarding population will enable students to register in employment office different aspect of life and death certificate related records will be covered in the course

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## Department of Sociology

## BA III Year Sociology (Major- III)

## Course Code - A3 SOCI 3T

1. The original text of sociological thought.
2. They will be able to critically analyze the theoretical argument of different scholars.
3. Students will be able to apply sociological theories to understand the social phenomena in the practical world.
4. This course will be helpful to develop the deep scientific and logical understanding about Indian Society, culture and traditions among students

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## Department of Sociology

## BA III Year Sociology (Major- IV)

## Course Code - A3 SOCI 4T

1. Major outcome of this course will make the students to discover and analyze the fundamental knowledge of crime. Criminals and the scientific and logical understanding about the causes of crime and remove the fallacy related with these.
2. This syllabus will be helpful to aware the students about the new patterns of crime such as organized, professional and cyber crime.
3. The knowledge of constitutional provisions of crime rules of compensation and justice for victims will prove important for students.
4. The new provisions related with punishment, prison and prisoners will make the thinking of students more scientific.
5. This course will provide students a west area of job opportunities in government, research, medical, legal, social sector and consultancy etc.

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## Department of Sanskrit

## BA III Year Sanskrit (Major- I)

## Course Code - A3-SANS-1D

1 निष्काम कर्म करने की प्रेरणा प्रदान करता है।
2 भारतीय संस्कृति में आत्मा के स्वरूप पर प्रकाश ।
3 प्राचीन वर्णाश्रम की अवधारणा का अवबोध व वैशिष्टय ।
4 प्राचीन गुरू शिष्य परम्परा का सम्यक् ज्ञान।
5 प्राचीन भारतीय जीवन पद्धति से छात्रों को अवगत कराना।
6 पितृभक्ति और अध्यात्म विद्या पर प्रकाश।
7 छात्रों का भाषा विज्ञान के विविध आयामों से परिचत कराना।
8 भारतीय एवं अन्य भाषाओं के ज्ञान और परिष्कार में सहायक ।।

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## Department of Sanskrit

## BA III Year Sanskrit (Major- II)

## Course Code - A3-SANS-2D

1 प्राचीन गुप्तचर व्यवस्था एवं आदर्श राजनीति के तत्वज्ञान में सहायक ।

2 आदर्श दाम्पत्य जीवन की प्रेरणा।

3 नाट्यकला एवं चित्रकला का अवबोध।

4 करूण रस के परिपाक की चरम अनुभूति कराने में सहायक।

5 भारतीय सांस्कृतिक जीवन मूल्यों का अभिवर्धन एवं पात्रों के मनोवैज्ञानिक चित्रण कराने में समर्थ ।

6 भारतीय जीवन पद्धति के विविध पक्षों पर प्रकाश एवं राष्ट्रप्रेम की अवधारणा का पोषक ।

7 आधुनिक संस्कृत कवि परम्परा के वैशिष्टय से छात्र परिचित होंगे।

8 नई पीढ़ी के लिए काव्य सर्जना में सहायक।।

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## Department of Psychology

## BA III Year Psychology (Major- III)

## Course Code - A3 PSYC 3D

1. Students will gain insight about social Psychology and its relationship with other Social Sciences, approaches and methods of Social Psychology
2. Students will learn about Person perception attribution and Inter-Personal Attraction.
3. Students will be aware about attitude and prejudice and their role in Social Behavior.
4. Students will develop awareness about group behavior, conformity and leadership.
5. Students will be capable for developing understanding about pro-social behavior, aggression and socialization like issues.

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## Department of Psychology

## BA III Year Psychology (Major- IV)

## Course Code - A3 PSYC 4D

1. Students will gain knowledge about Human development.
2. Students will be able to understand the factors needed for Human development.
3. Students will develop skill to deal with family, peers media and ecology in their development context.
4. Students will be able to understand about cognitive development and Language development
5. Students will gain Insight about moral, social and emotional development with their roles.

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## Department of Political Science

## BA III Year Political Science (Major- I)

## Course Code - A3- POSC1T

1. This course will help students to develop an authentic understanding of India's Foreign Policy- its historical context, recent developments and key issues facing the country.
2. The course will provide students with a framework to analyse and become familiar with India's diplomatic agenda and current engagements with partner countries

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## Department of Political Science

## BA III Year Political Science (Major- II)

## Course Code -A3-POSC2T

1. An understanding about the key concept of academic discipline of public administration.
2. Acquire the knowledge of administrative practices and functions in major areas of public finance and public personnel.
3. Acquaintance with bureaucracy and the civil service recruitment procedure in India.
4. Enhancing knowledge and developing analytical ability on major contemporary administrative issues.

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SAGAR (M.P.)

## Department of Home Science

## BA III Year Home Science (Major- I)

## Course Code - A3-BAHS1D

1. Find out the importance of Landscape decoration.
2. Divide land according to use for landscape decoration.
3. Understand the principles of landscape decoration and use them in their own house.
4. Identify and utilize the tools and equipments of landscape decoration.
5. Select and maintain garden furniture.
6. Understand the occupational form of nursery.
7. Compare the different bungalow, quarter and township landscape forms.
8. Make the college environment clean and beautiful.

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## Department of Home Science

## BA III Year Home Science (Major- II)

## Course Code - A3 BAHS2D

1. Understand the concept of balanced diet and Food pyramid.
2. Understand the importance and use of food exchange list in meal planning.
3. Understand the factors effecting meal planning.
4. Know the features of dietary guidelines for Indians and the relevance of the same.
5. Explain the nutritional and dietary needs and nutritional problems of adulthood and old age.
6. Describe physiological changes, occurring during pregnancy, lactation and nutritional and dietary needs of pregnant and lactating woman.
7. Describe growth and development, nutritional needs and nutritional concerns during infancy and preschool years.
8. Understand the growth and development, nutritional and dietary needs during school age and adolescence.

PRINCIPAL
Govt. P.G. Girls College
SAGAR (M.P.)

## Department of History

## BA III Year History (Major- III)

## Course Code - A3 HIST 3D

1. Present an analysis of the Bhakti Movement in India and its impact on Indian society.
2. Learn to write an analytical essay on the beginning of Modern Era, the salient features of renaissance and its consequences.
3. Will present a critical analysis of the causes of Industrial revolution and its impact on the trade and economic condition of the society.
4. Prepare a chronological flow chart of the major revolutions and events of the world, highlighting their causes and effects. Based on the evidences of the primary sources, they will be able to express their own views on the various aspects of the French Revolution.
5. By studying the policies of Napoleon Bonaparte and gathering more information about him from other sources of reference they will be able to prepare an interesting pictorial project on the topic.
6. Study the conventional life of Metternich and the major political events that took place during his rule and will be able to present an informative lecture on the unification of Italy and Unification of Germany.

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## Department of History

## BA III Year History (Major- IV)

## Course Code - A3 HIST 4D

1. Will learn about the social and religious changes in indian society and to understand the thoughts of some of the famous indian social reformers.
2. Will learn about the political scenario of the world and to understand the rule and policies of some of the famous personalities like Bismarck and Kaiser William II.
3. Will Prepare a research paper on importa topics like Eastern Question, Berlin Congress and the Balkan Wars I and II. They will be able to learn in detail about the Russian Revolutions.
4. They will be able to understand all the aspects of world war closely and assess its impact not only in Europe but also on other countries of the world. They will also be able to critically examine the world politics between the two world wars.
5. They will be able to give a detailed description of the formation of the United Nations and its role in various global differences. They will learn lessons from the history of the Soviet Union about the causes of the disintegration of any nation.

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## Department of Hindi

## BA III Year Hindi (Major- III)

## Course Code - A3-HLIT-3D

1. विद्यार्थी काव्य के प्रमुख अंगों का अध्ययन कर काव्य को भली भाँति समझ सकेंगे।
2. जनपदीय भाषा एवं साहित्य का ज्ञान प्राप्त कर सकेंगे ।
3. जनपदीय भाषा साहित्य के माध्यम से भारतीय संस्कृति की विविधता से परिचित होंगे ।
4. विद्यार्थी जनपदीय भाषा कौशल में पारंगत होंगे। क्षेत्रीय भाषाओं, बोलियों के साहित्य को संगीतबद्ध करना, नाट्यरूपांतर करना आदि के माध्यम से स्वयं के व्यावसायिक कला मंच स्थापित कर सकेंगे, देश–विदेश में प्रस्तुतियाँ दे सकेंगे ।

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## Department of Hindi

## BA III Year Hindi (Major- IV)

## Course Code - A3-HLIT-4D

1. यह एक रोजगारोन्मुखी पाठ्यक्रम है जो विद्यार्थियों को जन संचार माध्यम में कौशल प्राप्त करने एवं रोजगार प्राप्त करने में सहयोगी होगा ।

2. विद्यार्थी महत्वपूर्ण व्यक्तियों के साक्षात्कार लेने में सक्षम होंगे।

3. विद्यार्थियों को पत्रकारिता के माध्यम से सामाजिक और राष्ट्रीय दायित्व का बोध होगा।

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SAGAR (M.P.)

## Department of Geography

## BA III Year Geography (Major- III)

## Course Code - A3 GEOG3D

1. Comprehend the Environment, inter-relationship of Natural and Human Environment and Ecology.
2. Analyze the relationship between Environmental Degradation and Quality of Human Life.
3. Develop awareness about Sustainable Development and learn about contemporary environmental issues.
4. Analyze the Natural Resources, their depletion, conservation and management.

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## Department of Geography

## BA III Year Geography (Major- IV)

## Course Code - A2 GEOG4D

1. Comprehend the concept and processes of Urban Geography.
2. Learn the functional classification of cities and Central Place Theory.
3. Analyze the consequences of urban environmental issues at different scale.
4. Apply their knowledge in Sustainable Environmental Management and forming strategies in Urban Planning.

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SAGAR (M.P.)

## Department of English

## BA III Year English (Major- I)

## Course Code - A3- ELIT1T

1. Define the English language structures and their functioning in relation to phonology and morphology,
2. Evaluate the relationship between the English language and society.
3. Establish an understanding of the English language's artistry and utility.
4. Comprehend the elements and scope of translation,
5. Apply and practice techniques of English Grammar,
6. Depict the production of speech sounds and IPA symbol.

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## Department of English

## BA III Year English (Major- II)

## Course Code - A3- ELIT2T

1. Explain the theoretical backgrounds of international migration, race, and ethnicity,
2. Define the various attributes of the Indian diaspora and the ambivalence' of their attitudes towards their own motherland as well as their adopted homeland,
3. Demonstrate the quest for cultural identity on the part of the citizens of the Indian diaspora and would be able to understand the psychological, social and political problems associated with diaspora culture,
4. Discover their own country from a different prism through the eyes of writers who have lived in a composite culture,
5. Create an interpretation of the texts in the context of diaspora conditions..

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## Department of English

## BA III Year English (Major- III)

## Course Code - A3- ELIT3T

1. Use literary theoretical concepts to develop their own interpretations of literary texts,
2. Broaden their understanding of an author's work by summarizing, interpreting and exploring its value,
3. Analyse and apply specific literary theories in order to distinguish them from other theories and to identify the structure and logic of their arguments,
4. Think critically about a range of literary theories,
5. Write in an insightful and informed way about specific literary theoretical works.

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## Department of English

## BA III Year English (Major- IV)

## Course Code - A3- ELIT4T

- Depict the strengths and constraints of Indian English as a literary medium,
- Appreciate the historical trajectory of various genres of Indian Writing in English from colonial times till the present,
- Analyze Indian literary texts written in English in terms of colonialism, post colonialism, regionalism, and nationalism,
- Develop a literary sensibility and display an emotional response to the literary texts and cultivate a sense of appreciation for them,
- Evaluate critically the contributions of major Indian English poets, dramatists and novelists.

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## Department of Economics

## BA III Year Economics (Major- I)

## Course Code - A3 ECON1T

- Students will be able to understand the theories of development and growth models so as to explain the development or growth process of various countries, states and regions.
- It will also give an idea about how they are different by giving empirical details of various indicators of growth and development in India in comparison to other parts of the world.
- Students will be able to use theories of growth and development to analyze the problems of the developing world.

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## Department of Economics

## BA III Year Economics (Major-II)

## Course Code - A3 ECON2T

- Students will be able to understand and develop the insights and knowledge base of various concepts of statistics such as methods of data collection, measures of central tendency and dispersion.
- They will also be able to understand the various techniques of correlation and regression coefficient. Time series, index number and probability.
- They will be able to well aware of sources of data collection in India and interpret empirical data relating to sectors.

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