

## **B.A GEOGRAPHY**

### **PROGRAMME OUTCOMES**

#### **PO 1 Domain Expertise:**

- Acquire comprehensive knowledge and skills.
- Make use of the knowledge in an innovative manner.
- Effectively apply the knowledge and skills to address various issues.

#### **PO 2 Modern equipment Usage**

- Use ICT effectively.
- Access, retrieve and use authenticated information.
- Access, retrieve and use authenticated information. Have knowledge of software applications to analyze data.

#### **PO 3 Computing Skills and Ethics**

- Develop rationale and scientific thinking process.
- Use technology intelligently for communication, entertainment and for the benefit of mankind.
- Ensure ethical practices throughout ones endeavors for the wellbeing of human race.

#### **PO 4 Complex problem Investigation & Solving**

- Predict and analyze problems.
- Frame hypotheses.
- Investigate and interpret empirical data.
- Plan and execute action.

#### **PO 5 Perform effectively as Individuals and in Teams**

- Work efficiently as an individual
- Cooperate, coordinate and perform effectively in diverse teams/groups.
- Prioritize common interest to individual interest.

#### **PO 6 Efficient Communication & Life Skills**

- Express thoughts in an effective manner

- Listen, understand and project views in a convincing manner.
- Decide appropriate media to share information
- Develop skills to present significant information clearly and concisely to interested groups.

### **PO 7 Environmental Sustainability**

- Understand sensibly the Environmental challenges.
- Think critically on environment sustainability measures.
- Propagate and follow environment friendly practices.

### **PO 8 Societal contribution**

- Render service for the general good of the society.
- Involve voluntarily in social development activities at Regional, National, global levels.
- Have own pride in volunteering to address societal issues viz: calamities, disasters, poverty, epidemics.
- Be a patriotic citizen to uphold the values of the nation

### **PO 9 Effective Project Management**

- Identify the goals, objectives and components of a project and decide the appropriate time of completion.
- Plan, organize and direct the endeavors of teams to achieve the set targets in time.
- Be competent in identifying opportunities and develop strategies for contingencies.

### **Specific Outcomes of Programme**

After completion of B.A in Geography students will:

- Understand theoretical and practical aspects of Geography
- Evaluate Economic behavior inconsonance with Geographical factors
- Suggest the policy makers about desirable changes to be made economic and social issues based on geographical factors
- Gain ability to understand the socio-economic problems in Geographical indicators
- Able to offer palatable solutions for socio-economic and geographical

challenges

- Attain Proficiency to analyze the economic decision of Government and non-Govt. Entities that correlate with Geographical factors
- Gain requisite knowledge to evaluate land use pattern and demographical profile
- Apply GIS for understanding Market situation, Transport problem change in Weather Condition, Cropping Pattern, and Natural Calamities and so on.

## **Course Outcomes**

Semester – I

### **Paper - I: Elements of Geomorphology**

#### **COURSE OBJECTIVES:**

While studying the **Elements of Geomorphology**, the student shall be able to:

- To familiarize the students with the need for understanding of geomorphology with reference to certain fundamental concepts.
- To identify process component of geomorphology is segmented into the internal and external processes of landscape evolution.
- To find out selected applications of geomorphology to societal requirements and quality of environment are dealt with.

#### **COURSE OUTCOMES:**

After completion of the **Elements of Geomorphology**, the student will be able to:

- Familiarize the students with the need for understanding of geomorphology with reference to certain fundamental concepts.
- Process component of geomorphology is segmented into the internal and external processes of landscape evolution.
- Finally, a few selected applications of geomorphology to societal requirements and quality of environment are dealt with.

Semester – II

### **Paper - II: Climatology and Oceanography**

#### **COURSE OBJECTIVES:**

While studying the **Climatology and Oceanography**, the student shall be able to:

- To understand the concept of climatology and its relation to Metrology
- To understand the atmospheric circulations and Meteorological Hazards and Disasters
- Understand in details with application, if applicable, relief of the ocean floor

**COURSE OUTCOMES:**

After completion of the **Climatology and Oceanography**, the student will be able to:

- Understanding the basic concept of climatology and its relation to Metrology
- Understanding the atmospheric circulations and Meteorological Hazards and Disasters
- Understanding the concepts of oceanography and oceanic water movement.

**Semester – III****Paper – III: Human Geography****COURSE OBJECTIVES:**

- Learn the details of human geography importance, human activities and interaction between man and environment.
- Deliberate in details with examples races of mankind's
- Specify the details of cultural realms, population growth and demographic transition study
- Understand in details of human migration causes and consequences, human settlements and urbanization study

**COURSE OUTCOMES:**

- Understanding human activities and interaction between man and environment.
- Understanding the races of mankind and their characteristics
- Understanding the details of cultural realms, population growth and demographic transition
- Understanding human migration causes and consequences, human settlements and urbanization

**Semester – III*****Skill Enhancement Course (SEC – 2): Travel and Tourism*****COURSE OBJECTIVES:**

- familiarize students with the basic concepts of travel and tourism
- give an insight into how travel and tourism evolved over a period of time and reached the modern stage.
- enhance the knowledge of students in various areas related to tourism and how it affects the destination.
- explore the selected issues that currently influence the tourism industry both locally and globally.

**LEARNING OUTCOMES:**

- understand fundamentals of tourism from the management, marketing and financial perspectives.

- understand the concepts of travel and tourism, the framework of the system, types and form of tourism as well as the impacts of tourism.
- describe the different types tourism resources of India, their importance in tourism and management.

### **Paper - IV: Economic Geography**

#### **COURSE OBJECTIVES:**

- Understand in details with application of concepts, patterns of development
- Learn in details the characteristics of primary activities
- Understand in details with applications of the mineral and power resources.
- Study of the factors for location of industries on steel, cotton, textile and ICT.
- Study of world transportation and trade patterns and transport.

#### **COURSE OUTCOMES:**

- Understanding the concepts, patterns of development
- Learning the characteristics of primary activities
- Understanding the mineral and power resources.
- Learning the factors for location of industries on steel, cotton, textile and ICT.
- Understanding world transportation and trade patterns and transport.

### **SEC - 4: Remote Sensing and GPS**

#### **COURSE OBJECTIVES:**

While studying the **Remote Sensing**, the student shall be able to:

- To understand the various platforms and Characteristics
- To understand the characteristics of EMR and its interaction with atmosphere and earth surface
- To understand about the applications of remote sensing and GPS

#### **COURSE OUTCOMES:**

After completion of the **Remote Sensing**, the student will be able to:

- Understanding the various platforms and Characteristics
- Understanding the EMR interaction with atmosphere and earth surface features.
- Understanding about the GPS.

### **Paper – V: (A) PRINCIPLES OF REMOTE SENSING**

#### **COURSE OBJECTIVES:**

- Learn in details the concepts of aerial photography and satellite remote sensing, the interaction of electromagnetic radiation with atmospheric and terrestrial features;

- Identify remote sensing platforms, study the orbital characteristics and types of sensors;
- Critically examine the characteristics of spatial, spectral, radiometric and temporal resolution of remotely sensed data;
- Understand in details the remote sensing products, growth and development of remote sensing in India.

**COURSE OUTCOMES:**

- Learning the concepts of aerial photography and satellite remote sensing, the interaction of electromagnetic radiation with atmospheric and terrestrial features;
- Understanding remote sensing platforms, study the orbital characteristics and types of sensors;
- Understanding the characteristics of spatial, spectral, radiometric and temporal resolution of remotely sensed data;
- Learning details of remote sensing products, growth and development of remote sensing in India.

**Paper – V: (B) GEOGRAPHY OF INDIA**

**COURSE OBJECTIVES:**

While studying the **Geography of India**, the student shall be able to:

- To introduces the students the diverse physiographic, climate and landscape of India
- To learn about the resource like minerals, water, vegetation, ecosystem
- Identify the classification and characteristics of Population density and distribution
- To help students to get knowledge on economic, social and cultural setup of this country

**COURSE OUTCOMES:**

After completion of the **Geography of India**, the student will be able to:

- Introducing the students, the diverse physiographic, climate and landscape of India
- Learning about the resource like minerals, water, vegetation, ecosystem
- Helping the students to get knowledge on economic, social and cultural setup of this country
- Specify the characteristics of Transportation modes

**Paper – VI: (A) GEOGRAPHIC INFORMATION SYSTEM (GIS)**

**Course outcomes:**

- Understand in details what is GIS; the functions and components of GIS, study of spatial and non-spatial data;
- understand how data is stored in computer and applications of Global Positioning System (GPS);
- Learn in details of spatial analysis of measurements, buffering and modeling surfaces etc.

- Understand in details with applications, integration of RS and GIS.