



**THE STANDARD FIREWORKS RAJARATNAM COLLEGE FOR WOMEN (AUTONOMOUS),
SIVAKASI – 626 123.**

(Affiliated to Madurai Kamaraj University, Re-accredited with A+ Grade by NAAC,
College with Potential for Excellence by UGC and Mentor Institution under UGC PARAMARSH)

DEPARTMENT OF GEOGRAPHY
UG DEGREE PROGRAMME IN GEOGRAPHY

PROGRAMME EDUCATIONAL OBJECTIVES

The Graduates will

PEO1.	pursue higher studies in geography and assume professions in related fields like, Land Surveyor, GIS Specialist, Cartographer, Urban Planner, Meteorologist and Environmental Scientist.
PEO2.	apply geographical knowledge and analytical skills to solve real-world problems.
PEO3.	develop a sense of social responsibility and contribute to sustainable community development through geographical insights.

PROGRAMME LEARNING OUTCOMES

By the Completion BSc programme, the learners will be able to

PLO1.	Apply the knowledge of Arts, Science and Humanities to address fundamental and complex questions appropriate to their programmes.
PLO2.	Make use of appropriate knowledge and skills to identify, formulate, analyze and solve problems in order to reach substantiated conclusions.
PLO3.	Critically analyze research processes, products and practices with a view of strategic use of data in their field.
PLO4.	Demonstrate skills in oral and written communication and make use of ICT in various learning ambience.
PLO5.	Interact productively with people from diverse backgrounds as both leaders/mentors and team members with integrity and professionalism.
PLO6.	Defend the society against gender and environmental issues with moral and ethical awareness.
PLO7.	Formulate their own educational needs in a changing world in ways sufficient to maintain their competence and to allow them to contribute to the advancement of knowledge.

COURSE OUTCOME

Core Course	
Course Code: 25GGC11	Course Title: FUNDAMENTALS OF GEOMORPHOLOGY
On successful completion of the course, the learners should be able to	
CLO1	describe the structure of the Earth, rock types, and geomorphology basics.
CLO2	apply theories of plate tectonics and Earth movements to explain landform development.
CLO3	analyze processes of weathering, mass wasting, and landform evolution by agents of gradation.
CLO4	evaluate landforms created by glaciers, rivers, wind, and waves through geomorphic processes.
CLO5	predict landform changes based on geomorphic processes and its environmental impacts.

Core Course	
Course Code: 25GGC12	Course Title: CARTOGRAPHY
On successful completion of the course, the learners should be able to	
CLO1	explain the history, evolution, types, and applications of maps in geography.
CLO2	utilize knowledge of map components, scales, projections, and symbols to interpret geographical data.
CLO3	examine techniques of map representation to analyze socio-economic and physical patterns..
CLO4	examine techniques of map representation to analyze socio-economic and physical patterns.
CLO5	forecast advancements in cartography using emerging technologies like GIS, QGIS, CAD, and GPS for spatial analysis

Generic Elective Course	
Course Code: 25GGEG11	Course Title: BASICS OF INFORMATION TECHNOLOGY
On successful completion of the course, the learners should be able to	
CLO1	Summarize the classification of digital computers, their components, and the functions of input and output devices.
CLO2	demonstrate the evolution of computers by applying knowledge of different generations and their technological impact.
CLO3	compare and contrast various types of computer networks and distributed systems, highlighting their advantages and disadvantages.
CLO4	examine the structure and protocols of the Internet, web browsing, and its key characteristics.
CLO5	critique the advantages and limitations of the Internet and World Wide Web in communication and information access.

Non Major Elective	
Course Code: 25GGNE11	Course Title: GEOGRAPHY FOR EVERYONE
On successful completion of the course, the learners should be able to	
CLO1	Explain the Earth's formation, internal structure, rock types, and atmospheric layers to build basic geographical knowledge.
CLO2	Demonstrate the oceanic features and major natural regions through maps and practical examples.
CLO3	Analyze the evolution of humans, cultural development, and global population changes using data and historical patterns.
CLO4	Assess how physical landscapes and cultural practices influence societal structures and human settlements.
CLO5	Design a model to illustrate the impact of population growth on land use, integrating spatial and demographic analysis.

Foundation Course	
Course Code: 25GGFC11	Course Title: BASIC TOOLS FOR GEOGRAPHY
On successful completion of the course, the learners should be able to	
CLO1	explain types of maps, scales, projections, and their fieldwork applications.
CLO2	demonstrate GIS, GPS, and remote sensing for geographic data collection.
CLO3	analyze surveying techniques and interpretation of topographic maps.
CLO4	assess field measurement techniques and interpretation of aerial photographs.
CLO5	design geographic studies using GIS, GPS, and remote sensing tools.

Core Course	
Course Code: 25GGC21	Course Title: CLIMATOLOGY
On successful completion of the course, the learners should be able to	
CLO1	Summarize the fundamental concepts of weather and climate, atmospheric composition, structure, and the distribution of insolation and temperature.
CLO2	identify the factors affecting atmospheric pressure, winds, and the general circulation of air, including the characteristics of jet streams.
CLO3	analyze the classification of air masses and fronts and their role in influencing global weather patterns.
CLO4	estimate the processes and impacts of atmospheric moisture, including condensation, precipitation types, and the stability of climatic regions.
CLO5	the formation and mechanisms of cyclones, monsoons, and climatic phenomena like El Niño and La Niña and their global implications.

Core Course	
Course Code: 25GGC2L	Course Title: MAPPING TECHNIQUES LAB
On successful completion of the course, the learners should be able to	
CLO1[K2]	explain the components, types of maps, and scales, highlighting their significance in cartographic applications.
CLO2[K3]	demonstrate methods for representing directions, bearings, and geographical coordinates to enhance map-reading skills.
CLO3[K4]	examine the use of conventional signs, symbols, and techniques for measuring distances and areas on maps.
CLO4[K5]	assess the utility of various relief representation techniques such as contours, hill shading, and triangulation in understanding topographical features.
CLO5[K6]	design contour section drawings, slope types, and landform profiles to interpret terrain and physical landscapes effectively.

Core Course	
Course Code: 25GGEG21	Course Title: BIO- GEOGRAPHY
On successful completion of the course, the learners should be able to	
CLO1[K2]	describe the scope, branches of biogeography, evolution of flora and fauna, and biosphere components.
CLO2[K3]	recognize biodiversity types, hotspots, and their ecological significance.
CLO3[K4]	explore Indian biomes and their role in sustaining biodiversity.
CLO4[K5]	analyze species extinction causes and appraise conservation strategies.
CLO5[K6]	propose biodiversity conservation strategies aligned with sustainable development and global policies.

Skill Enhancement Course	
Course Code: 25GGNE21	Course Title: METEOROLOGY AND WEATHER FORECASTING
On successful completion of the course, the learners should be able to	
CLO1[K2]	explain meteorological variables like pressure, heat, energy, and moisture.
CLO2[K3]	identify weather and climate elements related to Earth's rotation and revolution.
CLO3[K4]	analyze the role of satellites in weather forecasting.
CLO4[K5]	evaluate weather phenomena such as evaporation, cyclones, and precipitation.
CLO5[K6]	generalize weather symbols to interpret and forecast weather.

Core Course	
Course Code: 25GGC31	Course Title: OCEANOGRAPHY
On successful completion of the course, the learners should be able to	
CLO1[K2]	define oceanography and describe the extent, distribution, and surface configuration of the ocean floor.
CLO2[K3]	identify the bottom relief of the Pacific, Atlantic, and Indian Oceans, and explain the composition of seawater.
CLO3[K4]	analyze the distribution of ocean temperature and salinity, and the factors affecting its horizontal and vertical variations.
CLO4[K5]	evaluate ocean water movement, including waves, tides, and currents in the Pacific, Atlantic, and Indian Oceans.
CLO5[K6]	assess ocean deposits, coral reefs, ocean resources, and the need for conservation, with a focus on the role of the National Institute of Ocean Technology (NIOT).

Core Course	
Course Code: 25GGC3L	Course Title: REPRESENTATION OF SOCIO-ECONOMIC AND CLIMATIC DATA LAB
On successful completion of the course, the learners should be able to	
CLO1[K2]	describe the representation of Climatic Data.
CLO2[K3]	differentiate the Symbols used to interpret the Weather maps.
CLO3[K4]	analyze the Socio-economic data using the different methods of Mapping techniques.
CLO4[K5]	elaborate on the different methods and techniques of map representation.
CLO5[K6]	design a diagrammatic representation of mapping techniques using a computer.

Discipline Specific Elective Course	
Course Code: 25GGDE31	Course Title: DISASTER MANAGEMENT
On successful completion of the course, the learners should be able to	
CLO1[K2]	describe the nature, scope, classification, and distribution of disasters at global, national, and regional levels.
CLO2[K3]	identify the processes, characteristics, and distribution patterns of natural disasters such as earthquakes, tsunamis, and cyclones.
CLO3[K4]	examine the causes, distribution, and patterns of manmade disasters like toxic waste leakage, fires, and stampedes.
CLO4[K5]	formulate disaster management and mitigation plans, focusing on preparedness, forecasting, and prevention measures.
CLO5[K6]	appraise the role of government and non-government agencies in disaster assessment, planning, and management

Discipline Specific Elective Course	
Course Code: 25GGDE32	Course Title: ECONOMIC GEOGRAPHY
On successful completion of the course, the learners should be able to	
CLO1[K2]	define economic geography and describe the significance, classification, and conservation of resources.
CLO2[K3]	identify the factors affecting agriculture and the distribution and production of major food and non-food crops.
CLO3[K4]	analyze the types and distribution of mineral and power resources, including coal, petroleum, and renewable energy sources.
CLO4[K5]	evaluate the localization factors for industries, including agro-based, mineral-based, and chemical industries.
CLO5[K6]	assess the types of transportation systems and trade patterns, including national and international trade.

Skill Enhancement Course	
Course Code: 25GGDS31	Course Title: BASICS OF GIS
On successful completion of the course, the learners should be able to	
CLO1[K2]	define GIS, its development, components, and data management processes.
CLO2[K3]	identify and compare spatial/non-spatial data, raster/vector structures, and UTM coordinate systems.
CLO3[K4]	examine DBMS components, digitization, editing, and layout preparation in GIS.
CLO4[K5]	evaluate GIS analysis techniques like buffer, interpolation, overlay, and network analysis, and WebGIS.
CLO5[K6]	utilize GIS software (ArcView, ArcGIS, QGIS) for land use, urban sprawl, agriculture, and disaster management.

Skill Enhancement Course	
Course Code: 25GGES31	Course Title: TRENDS IN GEOGRAPHY
On successful completion of the course, the learners should be able to	
CLO1[K2]	summarize the fundamental principles and components of remote sensing, including the electromagnetic spectrum and energy interactions.
CLO2[K3]	identify the various types of aerial photography, stereoscopic parallax, and aerial triangulation techniques.
CLO3[K4]	analyze digital image characteristics, data formats, and multi-sensor approaches in remote sensing
CLO4[K5]	evaluate digital photogrammetry techniques for accurate image interpretation and mapping
CLO5[K6]	interpret the remote sensing data using digital image processing techniques for environmental and spatial analysis

Core Course	
Course Code: 25GGC41	Course Title: GEOGRAPHY OF INDIA
On successful completion of the course, the learners should be able to	
CLO1[K2]	explain India's geographical features, including physiography, rivers, and coastal plains.
CLO2[K3]	identify the climate, seasonal variations, rainfall, soil types, and vegetation in India.
CLO3[K4]	analyze the distribution of crops, livestock, fisheries, and irrigation practices.
CLO4[K5]	evaluate minerals, energy resources, and their industrial applications.
CLO5[K6]	interpret demographic patterns, transportation, and trade to understand India's socio- economic development.

Core Course	
Course Code: 25GGC4L	Course Title: CARTOGRAPHIC APPRECIATION AND INTERPRETATION OF MAPS LAB
On successful completion of the course, the learners should be able to	
CLO1[K2]	acquire basic knowledge of appreciating the Indian Topo sheets.
CLO2[K3]	identify the suitable interpretation techniques of topographical maps.
CLO3[K4]	analyze the importance of aerial photographs.
CLO4[K5]	evaluating the importance of satellite images.
CLO5[K6]	explore the differences of toposheets, aerial photo with satellite imagery.

Discipline Specific Elective Course	
Course Code: 25GGDE41	Course Title RESEARCH METHODOLOGY
On successful completion of the course, the learners should be able to	
CLO1[K2]	explain types of research, the scientific method, and interdisciplinary approaches.
CLO2[K3]	demonstrate data collection techniques and survey design.
CLO3[K4]	analyze hypothesis formulation and testing using statistical methods.
CLO4[K5]	assess quantitative techniques and apply measures of central tendency and correlation.
CLO5[K6]	design a research project with a proposal, methodology, and scientific writing.

Discipline Specific Elective Course	
Course Code: 25GGDE42	Course Title: EARTH AND ITS SYSTEMS
On successful completion of the course, the learners should be able to	
CLO1[K2]	explain theories of the universe's origin, including Nebula, Kant, and Big Bang theories.
CLO2[K3]	demonstrate knowledge of the solar system, galaxies, and cosmic phenomena like black holes and meteorites.
CLO3[K4]	analyze the Earth's internal structure, including the crust, mantle, core, and the concept of isostasy and magnetism
CLO4[K5]	assess Earth's size, rotation, revolution, and the causes of seasons, day/night cycles, and eclipses.
CLO5[K6]	design a system for understanding latitudes, longitudes, cardinal points, and time calculations based on the Greenwich Meridian and Indian Standard Time.

Skill Enhancement Course	
Course Code: 25GSE41B	Course Title: TOUR FORMALITIES & TICKETING
On successful completion of the course, the learners should be able to	
CLO1[K2]	explain travel documentation processes, including passport, visa, travel insurance, and customs procedures
CLO2[K3]	demonstrate proficiency in air ticketing and reservations, including the use of airline codes and fare structures.
CLO3[K4]	analyze the role of CRS systems like Amadeus and Galileo in managing ticketing and reservations.
CLO4[K5]	assess the impact of international conventions, forex management, and health regulations on tourism practices.
CLO5[K6]	design sustainable and ethical tourism strategies considering global conventions and regulatory frameworks.

Skill Enhancement Course	
Course Code: 25GSE41BL	Course Title: TOUR FORMALITIES & TICKETING LAB
On successful completion of the course, the learners should be able to	
CLO1[K2]	explain travel documentation processes, including passport, visa, and customs forms.
CLO2[K3]	identify health documentation and ensure compliance with travel regulations.
CLO3[K4]	analyze air ticketing procedures, CRS/GDS usage, and fare structures.
CLO4[K5]	assess and apply international conventions, currency exchange, and forex management.
CLO5[K6]	design and apply sustainable travel and ethical tourism practices.

Core Course	
Course Code: 25GGC51	Course Title: WORLD REGIONAL GEOGRAPHY
On successful completion of the course, the learners should be able to	
CLO1[K2]	describe the political divisions, physical features, and natural resources of North and South America.
CLO2[K3]	demonstrate the geographical characteristics of Africa, including its climate, vegetation, and impact on agriculture and trade.
CLO3[K4]	examine the environmental and economic aspects of Australia, focusing on natural vegetation, animal life, and transport systems.
CLO4[K5]	evaluate the geographical diversity of Europe, emphasizing its role in global trade, culture, and human activities.
CLO5[K6]	assess the physical and cultural landscapes of Asia, highlighting their influence on economic development and globalization.

Core Course	
Course Code: 25GGC52	Course Title: POPULATION AND SETTLEMENT GEOGRAPHY
On successful completion of the course, the learners should be able to	
CLO1[K2]	summarize the nature, scope, and significance of Population Geography, including the theories of Malthus, Optimum theory, and the Demographic Transition theory.
CLO2[K3]	identify the components of demography such as fertility, mortality, sex ratio, and the world trends in population growth and distribution.
CLO3[K4]	analyze rural and urban settlements, focusing on site, situation, patterns, functions, and migration, including causes and laws of migration.
CLO4[K5]	evaluate towns and villages based on size, distribution, and functional characteristics, including the structure of urban centers and megacities in India.
CLO5[K6]	prepare the factors influencing housing types and materials, with a focus on rural and urban housing in India, considering socio-economic and environmental factors.

Core Course	
Course Code: 25GGC53	Course Title: GEOGRAPHY OF TAMILNADU
On successful completion of the course, the learners should be able to	
CLO1[K2]	explain the location, physiography, climate, and rivers of Tamil Nadu.
CLO2[K3]	identify the types of soil, natural vegetation, and wildlife, including sanctuaries and botanical gardens in Tamil Nadu.
CLO3[K4]	analyze the distribution of crops, livestock, and fisheries in Tamil Nadu.
CLO4[K5]	assess the distribution of minerals and industries, focusing on agro-based and power resources in Tamil Nadu.
CLO5[K6]	develop a report on the population distribution, growth, density, and the role of transportation, trade, and special economic zones in Tamil Nadu's development.

Core Course	
Course Code: 25GGC5	Course Title: PROJECT WITH VIVA VOCE
On successful completion of the course, the learners should be able to	
CLO1[K2]	explain the geographical concepts and methodologies underlying their project.
CLO2[K3]	apply geographical theories and techniques to investigate real-world problems.
CLO3[K4]	analyze spatial and environmental data using qualitative and quantitative approaches, including GIS and statistical tools.
CLO4[K5]	evaluate and defend their research findings through structured arguments and written documentation.
CLO5[K6]	develop innovative solutions and methodologies for conducting geographical research.

Core Course	
Course Code: 25GGDE51	Course Title: GEOGRAPHY OF HEALTH
On successful completion of the course, the learners should be able to	
CLO1[K2]	define the different perspectives of health, including bio-medical, psychological, sociological, economic, and geographic approaches
CLO2[K3]	identify the concept of diseases, their history, agents, and transmission modes.
CLO3[K4]	examine the control of diseases in an environmental context, comparing India's regional disease patterns.
CLO4[K5]	evaluate the impact of physical, biological, and social environments on health, including occupational and mental health issues.
CLO5[K6]	design a healthcare planning and management framework, focusing on India's public health system and international health organizations like WHO, UNICEF, and UNDP.

Core Course	
Course Code: 25GGDE52	Course Title: GEO-SPATIAL TECHNIQUES
On successful completion of the course, the learners should be able to	
CLO1[K2]	define the meaning, scope, and technologies involved in Geoinformatics, including cartography, remote sensing, GIS, and GPS.
CLO2[K3]	identify spatial databases and sources of geodata, including institutions like NRSC, Survey of India, and foreign data sources.
CLO3[K4]	examine software and methods for acquiring geodata, including user interfaces, operating systems, and IT applications in GIS and cartography.
CLO4[K5]	evaluate spatial processes, thematic maps, and the role of GIS in decision-making and spatial decision support.
CLO5[K6]	generalize geospatial data to real-world issues such as rural development, agriculture, environmental studies, and civil engineering.

Core Course	
Course Code: 25GGDE53	Course Title: STATISTICAL APPLICATIONS FOR GEOGRAPHY
On successful completion of the course, the learners should be able to	
CLO1[K2]	define the process of data collection and the importance of forming statistical tables, focusing on organizing raw data effectively
CLO2[K3]	identify the role of cross-tabulation in organizing and summarizing complex data.
CLO3[K4]	examine various measures of central tendency (mean, median, mode) and dispersion (range, mean deviation, standard deviation).
CLO4[K5]	evaluate the application of diagrammatic methods such as bar charts, histograms, frequency polygons, and curves in data visualization.
CLO5[K6]	interpret hypothesis testing methods (T-test, F-test, Chi-Square test) to real-world datasets and interpret the results for practical decision-making.

Core Course	
Course Code: 25GGDE54	Course Title: HUMAN GEOGRAPHY
On successful completion of the course, the learners should be able to	
CLO1[K2]	describe the nature, scope, and significance of human geography and its relationship with the environment.
CLO2[K3]	compare the major schools of thought in human geography, including determinism and possibilism.
CLO3[K4]	analyze the classification of major human races and their defining parameters.
CLO4[K5]	assess the distribution and significance of major world religions.
CLO5[K6]	investigate the impact of major languages on cultural and geographical identities.

Core Course	
Course Code: 25GGC61	Course Title: REMOTE SENSING AND GNSS
On successful completion of the course, the learners should be able to	
CLO1[K2]	define remote sensing and its types, highlighting the history of remote sensing in India and its processes.
CLO2[K3]	identify the fundamentals of aerial and satellite remote sensing, including the types of aerial photography and satellites.
CLO3[K4]	analyze different types of resolution (spectral, spatial, radiometric, and temporal) and interpret marginal information from aerial photographs and satellite images.
CLO4[K5]	evaluate the applications of remote sensing in land use, urban sprawl, agriculture, and environmental monitoring.
CLO5[K6]	generalize knowledge of the Global Navigation Satellite System (GNSS) components and modern survey instruments to real-world applications.

Core Course	
Course Code: 25GGC62	Course Title: POLITICAL GEOGRAPHY
On successful completion of the course, the learners should be able to	
CLO1[K2]	define political geography, its scope, and the concepts of geopolitics, state categories, and nationalism.
CLO2[K3]	identify core areas, capitals, and factors influencing their development, focusing on post-1945 federations .
CLO3[K4]	examine and classify boundaries, frontiers, and analyze border disputes.
CLO4[K5]	evaluate electoral geography, including voting patterns, participation, and gerrymandering.
CLO5[K6]	design your knowledge on India's political geography, state integration, and foreign relations.

Core Course	
Course Code: 25GGC6L	Course Title: SURVEYING TECHNIQUES AND MAP PROJECTIONS LAB
On successful completion of the course, the learners should be able to	
CLO1[K2]	explain the different types of map projections, including conical, Bonne's, and Polyconic projections.
CLO2[K3]	identify the construction and properties of cylindrical projections, such as Equal Area and Mercator's projections.
CLO3[K4]	analyze various Zenithal projections, including Gnomonic, Stereographic, Orthomorphic, Mollweide, and Sinusoidal projections.
CLO4[K5]	evaluating the surveying techniques such as Plane Table Survey, Chain, Prismatic Compass, and Clinometer.
CLO5[K6]	explore GPS and satellite-based survey techniques (Photogrammetry, RADAR, LiDAR) and explore geographical applications like Google Maps and Google Earth..

Core Course	
Course Code: 25GGDE61	Course Title: GEOGRAPHY OF TOURISM
On successful completion of the course, the learners should be able to	
CLO1[K2]	define the concept, principles, and types of tourism, and explain the significance of tourism development globally and in India.
CLO2[K3]	identify the history and determinants of tourism, including its evolution through ancient, medieval, and modern periods, and discuss tourism motivations.
CLO3[K4]	examine the key elements of tourism, such as attractions, accessibility, amenities, and classify tourist spots and accommodation types.
CLO4[K5]	evaluate the role of transport in tourism development, assess travel formalities, itineraries, and tourism-related restrictions.
CLO5[K6]	design a tourism plan and create strategies for tourism promotion and addressing challenges in India.

Core Course	
Course Code: 25GGDE62	Course Title: GEOGRAPHY OF RESOURCES
On successful completion of the course, the learners should be able to	
CLO1[K2]	describe the role of renewable and non- renewable resources.
CLO2[K3]	identify the geographical related resources with human.
CLO3[K4]	analyze the significance of resources for the stable economic growth of the country.
CLO4[K5]	evaluate the utility of industry and transport resources for the development of region.
CLO5[K6]	imagine the existence of humans in the world of undiscovered resources

Core Course	
Course Code: 25GGDE63	Course Title: TRANSPORT GEOGRAPHY
On successful completion of the course, the learners should be able to	
CLO1[K2]	define the nature and scope of transport geography and explain the importance of transport development in relation to physical, economic, and technological factors.
CLO2[K3]	identify the types of transport, including railways, roads, airways, waterways, and pipelines, and describe their characteristics.
CLO3[K4]	explain network characteristics and apply graph theory, binary matrix, and measures of connectivity and accessibility in transport systems.
CLO4[K5]	evaluate theories related to freight rate structure and spatial interaction, including complementarity, intervening opportunity, and transferability.
CLO5[K6]	design a transport system for regional development in India, considering the challenges and prospects of urban and rural transportation planning.

Core Course	
Course Code: 25GGDE64	Course Title: SOCIAL AND CULTURAL GEOGRAPHY
On successful completion of the course, the learners should be able to	
CLO1[K2]	define social geography, its nature, and scope, and explain social structures such as family, marriage, and kinship in rural and urban societies.
CLO2[K3]	identify the spatial distribution of ethnicity, tribe, dialect, language, caste, and religion, with special reference to India.
CLO3[K4]	examine welfare and social well-being indicators such as quality of life, health, education, economic status, and gender, focusing on women's well-being
CLO4[K5]	evaluate the concept of culture, its evolution, and cultural interactions, including the diffusion and exchange of cultures.
CLO5[K6]	generalize human development using social, economic, and environmental indicators, and discuss the Human Development Index.