



# SRI Y N COLLEGE (Autonomous) – NARSAPUR

Affiliated to Adikavi Nannaya University

Thrice Accredited by NAAC with 'A' Grade

Recognized by UGC as college with Potential for Excellence

IBA GEOGRAPHY - Paper I A (2020 - 23 Batch)

PHYSICAL GEOGRAPHY

(w.e.f. 2020 – 2021) CBCS

Syllabus for I Semester

## Unit – I

1. Definition, Nature, Scope of Physical Geography – Classification of rocks
2. Earth movement – Organic, Epeirogenic, Earth quakes and Volcanoes
3. Wegner's theory of continental drift and Plate tectonic theory

## Unit – II

4. Weathering- Causes and its types.
5. Mass – Movements-causes, its types and impacts
6. Concept of cycle of erosion- cycle of erosion by WM Davis
7. Process of Wind, River, Underground water, Glaciers and Sea waves

## Unit – III

8. Weather and Climate- Origin, Composition and structure of atmosphere.
9. Isolation – Horizontal and Vertical distribution of temperature, Inversion of temperature
10. Atmospheric pressure – measurement and distribution, pressure belts, planetary winds, Monsoon and Local winds.

## Unit - IV

11. Humidity – measurement and variables, evaporation, condensation, precipitation forms and types and distribution.
12. Climate classification by Koppen

## Unit – V

13. Configuration of oceanic floors – Temperature and Salinity of ocean, Land and water distribution.
14. Tides – Waves and ocean currents.

## Suggested Readings:

1. Sharma HS Perspective in Geomorphology, concept, New Delhi 1980.
2. Singh Savinder, Geomorphology, Prayag Publication, Allahabad 1998.
3. Sparks BW. Geomorphology, Jojngman, London, 1960
4. Thornbury W.D. 1969 Principles of Geomorphology, New York, John Wiley and sons
5. Critchfield, H. General Climatology, Prentice-Hall of India, 2002

APPROVED



CHAIRMAN  
BOARD OF STUDIES  
DEPARTMENT OF GEOGRAPHY,  
SRI Y.N. COLLEGE (AUTONOMOUS),  
(NAAC ACCREDITED 'A' GRADE COLLEGE),  
NARSAPUR - 534 275.



# SRI Y N COLLEGE (Autonomous) – NARSAPUR

Affiliated to Adikavi Nannaya University

Thrice Accredited by NAAC with 'A' Grade

Recognized by UGC as college with Potential for Excellence

I BA GEOGRAPHY - Paper I B

HUMAN GEOGRAPHY

(w.e.f. 2020 – 2021) CBCS

Syllabus for II Semester

## Unit – I

1. Nature, Scope and Historical development of Human Geography.
2. Division of Mankind : Spatial distribution of race and tribes of India.

## Unit – II

3. Human adaptation to the environment. I. Cold region – Eskimo, II. Hot region – Bushman, III. Plateau – Gonds, IV. Mountains - Gujjaras

## Unit – III

4. Meaning, nature and components of resources, Classification of resources – renewal and non-renewable: biotic and a biotic, recyclable and non recyclable.

## Unit - IV

5. Distribution and density of world population, Population growth, fertility and mortality Patterns.
6. Concept of over, under and optimum population: Population theories: Malthus.

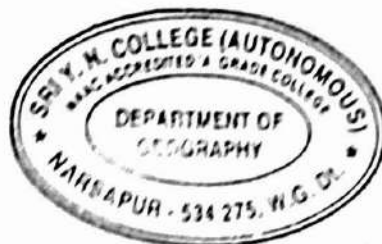
## Unit – V

7. Rural settlements: Meaning, classification and types.
8. Urban settlements: Origin, classification.
9. Population pressure, resource use and environment degradation.

## Suggested Readings:

1. Alexander, John.W. : Economic Geography, Prentice Hall of India Ltd., New Delhi, 1988
2. Carr, M. Patterns: Process and Change in Human Geography, McMillan Education, London,
3. DeBlij, H.J.: Human Geography, Culture, Society and Space, John Wiley, New York, 1996
4. Fellmen, J.L. : Human Geography-Landscapes of Human Activities, Brown and Benchmark Pub., USA, 1997
5. Chandana, R.C: A Geography of Population: concepts, determinants and patterns, Kalyani Publications, New Delhi, 1986

**APPROVED**



CHAIRMAN  
BOARD OF STUDIES  
DEPARTMENT OF GEOGRAPHY  
SRI Y. N. COLLEGE (AUTONOMOUS)  
(NAAC ACCREDITED 'A' GRADE COLLEGE)  
NARSAPUR - 534 275



SRI Y.N.COLLEGE(Autonomous), Narsapur  
Affiliated to Adikavi Nannayya University  
Re-accredited by NAAC with 'A' Grade with CGPA of 3.40  
Recognized by UGC as 'College with potential for Excellence'  
**II BA GEOGRAPHY PAPER - III**  
(Physical Geography)  
Syllabus for III semester (2017-22 Batch)  
w.e.f 2016-17 onwards

**UNIT-I**

1. Weather and Climate : Origin, Composition and Structure of the atmosphere.
2. Insolation : Horizontal and Vertical distribution of Temperature, Inversion of temperature.
3. Atmospheric pressure : World pressure belts.
4. Planetary Wind System (Trade winds, Westerlies and Polar winds)
5. Monsoons and Local winds
6. Humidity – Types of Clouds
7. Precipitation – Types of rainfall and their distribution

**UNIT-II**

1. Climate classification by Koppen, Global warming.
2. Division of Ocean floor (Continental Shelf, Slope, Deep ocean plain, Ocean deeps)
3. Temperature of Oceans
4. Salinity of Oceans
5. Tides and Waves
6. Ocean Currents (Pacific, Atlantic and Indian Oceans)
7. Oceanic resources

**Blue Print (Guide lines to Paper Setter)**

Units	Short Answer Questions	Essay type Question
Unit – I	Q.No : 1 to 4	Q.No : 9 to 13
Unit – II	Q. No : 5 to 8	Q. No : 14 to 18
Total	8 Questions	10 Questions

**Suggested readings:**

1. Barry, RG and Chorley R.J., Atmosphere, Weather and Climate Roulledge, 1998.
2. Critchfield, H., General Climatology, Prentice-Hall of India, 2002.
3. King, C Oceanography for Geographers, Edward Arnold, London, 1975.
4. Trewartha, GT; An introduction to Climate, Mc-Graw Hill, Newyork, 1981.
5. Trewartha, GT; The Earth's problems climates, University of Wisconsin press, USA.
6. Physical Geography : Telugu Academy, Hyderabad.

**APPROVED**

*Handwritten signature and date: 24.6.202*

**CHAIRMAN  
BOARD OF STUDIES  
DEPARTMENT OF GEOGRAPHY  
SRI Y.N. COLLEGE (AUTONOMOUS)  
(NAAC ACCREDITED 'A' GRADE COLLEGE)  
NARSAPUR - 534 275**



SRI Y.N.COLLEGE(Autonomous), Narsapur  
Affiliated to Adikavi Nannayya University  
Re-accredited by NAAC with 'A' Grade with CGPA of 3.40  
Recognized by UGC as 'College with potential for Excellence'

**II BA GEOGRAPHY PAPER – IV**

(Human Geography)

Syllabus for IV semester (2019-20 Batch)  
w.e.f 2016-17 onwards

**UNIT-I**

1. Nature, scope and development of Human Geography.
2. Man and Environment relation -- Physical and Cultural.
3. Division of Mankind : Spatial distribution of race and tribes of India.
4. Human adaptation to the Environment;
  - I. Cold region – Eskimo
  - II. Hot region – Bushman
  - III. Plateau – Gonds
  - IV. Mountains - Gujjars
5. Resources ; Classification of Resources – Renewable and Non-renewable.  
Conservation and Management of Resources.

**UNIT-II**

1. World population growth, distribution, Density, Fertility and Mortality.
2. Population theories ; Malthus.
3. Meaning and Classification of Rural settlements.
4. Urban settlements : Origin and classification.
5. Population pressure, resource use and environment degradation; sustainable development. Deforestation, Soil Erosion, Air and Water pollution.

**Blue Print (Guide lines to Paper Setter)**

Units	Short Answer Questions	Essay type Question
Unit – I	Q.No : 1 to 4	Q.No : 9 to 13
Unit – II	Q. No : 5 to 8	Q. No : 14 to 18
Total	8 Questions	10 Question

**Suggested readings:**

1. Agarwal, A etal : The Citizen's Fifth Citizen's Report, Centre for Science & Environment, New Delhi, 1999.
2. Alexander, John. W : Economic Geography, Prentice Hall of India Ltd., New Delhi, 1988.
3. Bergwan, Edward E : Human Geography Culture connections and Land scape, Prentice-Hall New Jersey, 1985.
4. Carr, M. Pattern : Process and Change in Human Geography, Mc Millan Education, London, 1987.
5. Chandana, R.C ; A Geography of Population; Concepts, Determinants and Patterns, Kalyani Publishers, New Delhi, 1986.
6. Economic Geography – Telugu Academy, Hyderabad.

24-6-2020

CHAIRMAN  
BOARD OF STUDIES  
DEPARTMENT OF GEOGRAPHY  
SRI Y.N. COLLEGE (AUTONOMOUS)  
(NAAC ACCREDITED 'A' GRADE COLLEGE)  
NARSAPUR - 534 275





# SRI Y N COLLEGE (Autonomous) – NARSAPUR

Affiliated to Adikavi Nannaya University  
Thrice Accredited by NAAC with 'A' Grade  
Recognized by UGC as college with Potential for Excellence

III BA GEOGRAPHY - Paper V  
ECONOMIC GEOGRAPHY (2018-21 Batch)

(w.e.f. 2017 – 2018 onwards) CBCS

Syllabus for V Semester

## Unit – I

1. Nature , Scope and relationship of Economic Geography
2. Classification of economic activities and their impact on environment.
3. Classification of natural resources ,
4. Conservation of natural resources
5. Spatial distribution of food crops – Rice and Wheat, Commercial crops – Cotton and Sugar Cane , Plantation crops – Tea, Coffee and Rubber

## Unit – II

6. Mineral wealth – Distribution and Production of Coal, Iron-ore, Petroleum and Natural Gas
7. World distribution and production of Iron and steel and Cotton textile industry,
8. Major industrial complexes of the world
9. Transport and trade – major modes of Water, Land and Air
10. Recent trends in international trade.

### Blue Print ( Guide lines to Paper Setter)

Units	Short Answer Questions	Essay type Questions
Unit – I	Q.No. – 1 to 4	Q.No. 9 – 13
Unit – II	Q.No. – 5 to 8	Q.No.14 – 18
Total	8 Questions	10 Questions

### Suggested Readings:

- 1.Hartshorne TN and Alexander JW. 1998. Economic Geography, Prentice Hall, New Delhi
- 2.Jones CF and Darkenwald GG. 1975. Economic Geography Mc. Millan Company, NewYork
- 3.Thomas, RS 1962. The Geography of Economic Activities. McGraw Hill, NewYork.
- 4.Wheeler J. 1995. Economic Geography. John Wiley, Newyork

LC 24.6.2020

APPROVED

CHAIRMAN  
BOARD OF STUDIES  
DEPARTMENT OF GEOGRAPHY  
SRI Y.N. COLLEGE (AUTONOMOUS)  
(NAAC ACCREDITED 'A' GRADE COLLEGE)  
NARSAPUR - 534 275



# SRI Y N COLLEGE (Autonomous) – NARSAPUR

Affiliated to Adikavi Nannaya University

Thrice Accredited by NAAC with 'A' Grade

Recognized by UGC as college with Potential for Excellence

III BA GEOGRAPHY - Paper VI

INTRODUCTION TO REMOTE SENSING (2018-21 Batch)

(w.e.f. 2017 – 2018 onwards) CBCS

Syllabus for V Semester

## Unit – I

1. Introduction to Remote Sensing, Definition, History and advantages
2. Basis of Remote Sensing, Electromagnetic radiation Spectrum
3. Components of Remote Sensing
4. Platforms of Remote Sensing, type of satellites, Types of Sensors
5. Type of Scanners and Cameras

## Unit – II

6. Types of Imaginaries and their application in various fields such as agriculture, environment and resource mapping.
7. Introduction to Aerial Photographs : their advantages and types
8. Elements of Aerial Photo interpretation
9. Applications of Remote Sensing techniques in Geographical aspects
10. Remote Sensing in India : Development and Growth

### Blue Print ( Guide lines to Paper Setter)

<u>Units</u>	<u>Short Answer Questions</u>	<u>Essay type Questions</u>
Unit – I	Q.No. – 1 to 4	Q.No. 9 – 13
Unit – II	Q.No. – 5 to 8	Q.No.14 – 18
Total	8 Questions	10 Questions

### Suggested Readings:

1. John R Jenson 2009, Remote Sensing of the Environment: An Earth Resource Perspective. Pearson Education, (Indian Edition), New Delhi.
2. Kumar Meenakshi 2001. Remote Sensing, NCERT, New Delhi
3. Lillesand and R.W.Kiefer, 2005. Remote Sensing and Image Interpretation, John Wiley and sons.
4. M.Anji Reddy 2009. Text book Remote sensing and Geographical Information Systems BS Publications, Hyderabad.
5. Telugu Academy 2011. BA/B.Sc., Sudoora Ghrahaka Sastram-Bowgolika Samachra Vyavsta

APPROVED

24.6.2020

CHAIRMAN  
BOARD OF STUDIES  
DEPARTMENT OF GEOGRAPHY  
SRI Y.N. COLLEGE (AUTONOMOUS)  
(NAAC ACCREDITED 'A' GRADE COLLEGE)  
NARSAPUR - 534 275



SRI YN COLLEGE(A) NARSAPUR  
(Affiliated to Adikavi Nannayya University)  
Thrice Accredited by NAAC with 'A' Grade  
Recognized by UGC as College with Potential for Excellence  
**III BA Geography , Elective Paper VII**  
**Introduction to Geographical Information System**  
2018-21Batch  
(With effect from 2017-18 onwards) CBCS Pattern  
Syllabus for VI Semester

**UNIT-I**

1. GIS definition, advantages and contributing disciplines
2. Functions of Geographical Information System
3. Component of GIS (Software, Hardware, Brainware)
4. Data Capture / input, Data Analysis – Buffering, Overlay Analysis, Modeling Networks.
5. Methods of Data Input

**UNIT-II**

6. Data Types: Spatial and attribute – Raster and Vector Models
7. GPS definition, satellites and its applications
8. Data base Management System and its functions
9. Remote sensing and GIS integration
10. Applications of GIS in various field of Geography

**Reference Books:**

1. M. Anji Reddy – Text book of Remote Sensing and GIS BS Publications, Hyderabad
2. Fraser Taylor – Geographical Information System, Pergamon Press, Oxford, New York.
3. Barrough PA – Principles of Geographical Information System, Oxford University Press, New York.
4. Prof. K. Ravindra Reddy, Dr N Chandrayudu - సుదూర గ్రాహక శాస్త్రం - భౌగోళిక సమాచార వ్యవస్థ, తెలుగు అకాడమి, హైదరాబాద్.

**Print (Guide lines to Paper Setter)**

UNIT	Essay Questions	Short Questions	TOTAL
I	5	4	9
II	5	4	9

24.6.2020

**APPROVED**

CHAIRMAN  
BOARD OF STUDIES  
DEPARTMENT OF GEOGRAPHY  
SRI Y.N. COLLEGE (AUTONOMOUS)  
(NAAC ACCREDITED 'A' GRADE COLLEGE)  
NARSAPUR - 534 275





SRI YN COLLEGE(A) NARSAPUR  
(Affiliated to Adikavi Nannayya University)  
Thrice Accredited by NAAC with 'A' Grade  
Recognized by UGC as College with Potential for Excellence  
**III BA Geography Paper VIII A – Cluster IA**  
**Regional Geography of Asia**  
2018-19 Batch  
(With effect from 2017-18 onwards) CBCS Pattern  
Syllabus for VI Semester

**UNIT-I**

1. Location and relief of Asia
2. Climate of Asia – Mechanism of Monsoons
3. Drainage system in Asia
4. Soil in Asia
5. Natural Vegetation
6. Types of Agriculture

**UNIT-II**

7. Food Crops ; Rice and Wheat
8. Commercial Crops ; Coffee and Tea and Rubber
9. Mineral Wealth (Iron – ore, Coal and Petroleum)
10. Industries (Ship building, Petrochemicals and Automobiles)
11. Population distribution in Asia
12. Transport in Asia

**Reference Books:**

1. Ginsberg : Patterns of Asia
2. Spenser : Asia, East by South
3. B.S Negi : Monsoon Asia
4. Dr. T. Prasad : ఆసియా ప్రాంతీయ భూగోళ శాస్త్రం

**Blue Print (Guide lines to Paper Setter)**

UNIT	Essay Questions	Short Questions	TOTAL
I	5	3	8
II	5	5	10

24-6-2020

CHAIRMAN  
BOARD OF STUDIES  
DEPARTMENT OF GEOGRAPHY  
SRI Y.N. COLLEGE (AUTONOMOUS)  
(NAAC ACCREDITED 'A' GRADE COLLEGE)  
NARSAPUR - 534 275

APPROVED





SRI YN COLLEGE(A) NARSAPUR  
(Affiliated to Adikavi Nannayya University)  
Thrice Accredited by NAAC with 'A' Grade  
Recognized by UGC as College with Potential for Excellence  
**III BA Geography Paper VIII B – Cluster II B**  
**Regional Geography of South East Asia**  
2017-18 Batch  
(With effect from 2017-18 onwards) CBCS Pattern  
Syllabus for VI Semester

**UNIT-I**

1. Location and relief of South East Asia
2. Climate of South East Asia
3. Natural Vegetation of South East Asia
4. Soils of South East Asia
5. Types of Agriculture – Crop Pattern
6. Industrial development in South East Asia

**UNIT-II**

7. Population of South East Asia
8. Regional Geography of Thailand
9. Regional Geography of Indonesia
10. Regional Geography of Malaysia
11. Regional Geography of Myanmar
12. Regional Geography of Philippines

**Reference Books:**

1. Ginsberg : Patterns of Asia
2. Spenser : Asia, East by South
3. B.S Negi : Monsoon Asia
4. Dr. M Siva Nagayya : ఆగ్నేయాసియా , తెలుగు అకాడమి, హైదరాబాద్

**Blue Print (Guide lines to Paper Setter)**

UNIT	Essay Questions	Short Questions	TOTAL
I	5	3	8
II	5	5	10

APPROVED

24.6.2020  
CHAIRMAN  
BOARD OF STUDIES  
DEPARTMENT OF GEOGRAPHY  
SRI Y.N. COLLEGE (AUTONOMOUS)  
(NAAC ACCREDITED 'A' GRADE COLLEGE)  
NARSAPUR - 534 275



SRI YN COLLEGE(A) NARSAPUR  
(Affiliated to Adikavi Nannayya University)  
Thrice Accredited by NAAC with 'A' Grade  
Recognized by UGC as College with Potential for Excellence  
**III BA Geography Paper VIII C – Cluster III C**  
**Regional Geography of South West Asia**  
2018-21 Batch  
(With effect from 2017-18 onwards) CBCS Pattern  
Syllabus for VI Semester

**UNIT-I**

1. Location and relief of South West Asia
2. Climate of South West Asia
3. Soils of South West Asia
4. Natural Vegetation of South West Asia
5. Agriculture of South West Asia
6. Population of South West Asia

**UNIT-II**

7. Mineral Wealth of South West Asia
8. Industrial development in South West Asia
9. Regional Geography of Iraq
10. Regional Geography of Iran
11. Regional Geography of Afghanistan
12. Regional Geography of Saudi Arabia

**Reference Books:**

1. Ginsberg : Patterns of Asia
2. Spenser : Asia, East by South
3. B.S Negi : Monsoon Asia
4. V Rama Krishna Reddy : పశ్చిమాసియా , తెలుగు అకాడమి, హైదరాబాద్

**Blue Print (Guide lines to Paper Setter)**

UNIT	Essay Questions	Short Questions	TOTAL
I	5	3	8
II	5	5	10

**APPROVED**

*LC* 24.6.2020

CHAIRMAN  
BOARD OF STUDIES  
DEPARTMENT OF GEOGRAPHY  
SRI YN. COLLEGE (AUTONOMOUS)  
(NAAC ACCREDITED 'A' GRADE COLLEGE)  
NARSAPUR - 534 275