

**NAGARJUNA GOVT.COLLEGE, NALGONDA  
(AUTONOMOUS)  
DEPARTMENT OF GEOGRAPHY  
Constitution of Board of Studies 2014-15**

S.NO	CATEGORY	NAME & DESIGNATION
1	Chairman Board of studies	Dr. P. Ramakrishna Lecturer in Geology Nagarjuna Govt. College, Nalgonda.
2	University Nominee	Prof. AV Shashikala Chairman Board of Studies Department of Geography University college of Science Osmania University, Hyderabad
3	Subject expert from outside the college	Prof. A Kamalakar Reddy Department of Geography University college of Science Osmania University, Hyderabad
4	Subject expert from outside the college	K. Narayan Reddy, Assistant Professor of Geography University college of Science Osmania University, Hyderabad
5	Members: All The Faculty members of the Dept.	Sri. M. Vigneshwar Lecturer in Geography Nagarjuna Government college, Nalgonda.

Submitted by

In-charge/Chairman BOS

Proposals approved by

Principal/Chairman academic council

*H.K.W.*  
Lecturer in Geography  
Nagarjuna Government College  
NALGONDA - 503 001.

**NAGARJUNA GOVERNMENT COLLEGE: NALG**  
**(Autonomous)**  
**DEPARTMENT OF GEOGRAPHY**

Date:

**BOARD OF STUDIES**

A meeting of the Board of Studies in the Department of Geography in N. G. College Nalgonda is held in the department of Geography, O.U. on at 10:30 am.

The following members are Present:

1. Prof. AV Shashikala, CBOS, Department of Geography, UCS, OU, Hyd.

*A.V. Shashikala*  
Board of Studies in Geography  
Univ College of Science  
University, Hyd-2.

2. Dr. K. Narayana Reddy, Assistant Professor, Department of Geography, UCS, OU, Hyd.

*K. Narayana Reddy*

3. Dr. P. Ramakrishna, Department of Geography, NG College, Nalgonda.

*Dr. P. Ramakrishna*  
M.Sc. (Tech), Ph.D.  
MEMBER IN GEOLOGY  
Nagarjuna Government College  
NALGONDA - 505 001

4. Sri. M. Vigneshwar, Lecturer in Geography, NG College, Nalgonda.

*M. Vigneshwar*  
MEMBER IN GEOGRAPHY  
Nagarjuna Government College  
NALGONDA - 505 001

The following resolutions have taken in the meeting:

- i) The syllabus and Model question papers for I to VI Semesters during 2014-15 have been modified and approved.
- ii) It is approved to have internal assessment system with objective type for 20 marks and 5 marks for seminar and 5 marks for assignment for each paper (20+5+5=30) for Semester I & II and 20 marks for each paper for Semester III to VIII.
- iii) It is agreed and approved to prepare question papers unit wise in Part - C and Questions from entire syllabus covering for part - A and Part - B for Semester I and II.
- iv) It is approved to have 70 marks for each theory paper and 100 marks for each practical examination in Semester I & II and 40 marks theory paper and 50 marks for each practical examination for III to VI semesters.
- v) It is approved to pass end exam one has to get a minimum of 36% of marks in each subject/paper
- vi) It is approved to have a project work for each student in the VI semester. Grades can be given to the project reports.
- vii) It is agreed and approved the list of examiners for paper setting for I to VIII Papers.

# NAGARJUNA GOVERNMENT COLLEGE, NALGONDA

AUTONOMOUS

ALLOCATION OF CREDITS AT SUBJECT LEVEL

Draft Final Format

## DEPARTMENT OF GEOGRAPHY

Name of the Lecturer: M. VIGNESHWAR

Subject: Geography

Sl. No	Semester	Module nature	Module Name	Hours	Max. Marks	Credits
1	I	I (Core)	Geomorphology	4	100	3
2	II	II (Core)	Climatology & Oceanography	4	100	3
		Practicals - 1	Elements of Mapping	3	100	2
3	III	III (core)	Human Geography	4	100	3
4	IV	IV (core)	Economic Geography	4	100	3
		Practicals - 2	Maps and Diagrams	3	100	2
5	V	V Advanced (core)	Geographical Information System	4	100	3
6		V Advanced Elective - 1	Regional Geography of India	3	100	2
		or				
	V Advanced Elective - 2	Environmental Geography	3	100		
7	VI	VI Applied	Remote Sensing	4	100	3
8		VI Applied Elective - 1	Regional Geography of Telangana	3	100	2
		or				
		VI Applied Elective - 2	Natural Disaster Management	3	100	
		Practicals - 3	Map Projections and Field Survey	3	100	2
Practicals - 4	Introduction to computers and GIS	3	100	2		
Total Credits						30
Project Work			On the Given topic	100	3	

General Elective	<del>Introduction to Geoinformatics</del> <i>Geography of India</i>
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DEPARTMENT OF GEOGRAPHY  
NG COLLEGE, NALGONDA

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**NAGARJUNA GOVERNMENT COLLEGE: NALGONDA  
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(Re-accredited by NAAC with "A" Grade)

B. A. I year, Revised Semester wise Syllabus (w. e. f. 2014-15)

Subject: Geography

Semester – I

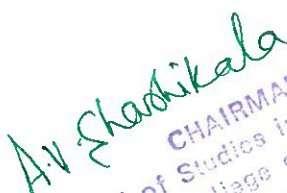
Module - I: Geomorphology

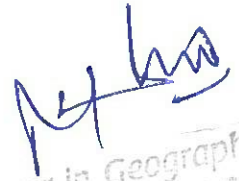
UNIT-I:	15 Hours
1. definition and Scope of Geomorphology	
2. Land and Sea: Formation and distribution	
UNIT-II:	15 Hours
3. Theories: Isostasy, Continental Drift, Plate Tectonics	
4. Interior of Earth	
5. Earthquakes	
UNIT-III:	15 Hours
6. Volcanoes	
7. Rocks	
8. Weathering	
9. Mass-wasting	
UNIT-IV:	15 Hours
10. River: Flow and Work – erosion, transportation, deposition – landforms	
11. Wind: Air flow and Work - erosion, transportation, deposition – landforms – desert formations	
12. Karst: Flow of Underground water and Work – solutions – erosion and deposition –landforms	
13. Glacial: Types, Movements and Work – erosion, transportation and deposition - landforms	

Reference Books:

1. Physical Geography by R.N. Tikka
2. Earth's Dynamic Surfaces by Siddhartha
3. Principles of Physical Geography by Das Gupta
4. Principles of Geography by Telugu academy

  
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B. A. I year, Revised Semester wise Syllabus (w. e. f. 2014-15)

Subject: Geography

Semester – II

Module - II: Climatology and Oceanography

**UNIT-I: (Climatology) 15 Hours**

1. Weather and Climate, Elements of Weather
2. Atmosphere: Structure and Composition
3. Insolation: Factors influencing the incidence and distribution
4. Temperature: Horizontal and Vertical Distribution
5. Pressure: Influencing factors – High and Low Pressure Areas, Global Pressure Belts

**UNIT-II: 15 Hours**

6. Winds: Local, Periodic and Planetary
7. Cyclones – Formation, Distribution and Impacts: Tropical and Temperate
8. Humidity: Absolute and Relative
9. Clouds: Types, Formation and Potentials
10. Precipitation: Types, Formation, Distribution

**UNIT-III: (Oceanography) 15 Hours**


11. Submarine Relief: Continental Shelf, Continental Slope, Abyssal Plain, Ocean Deeps and Trenches, Mid-Oceanic ridges
12. Temperature: Horizontal and Vertical Distribution
13. Salinity: Factors and Distribution

**UNIT-IV: 15 Hours**

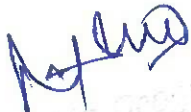
14. Waves and Tides: Types and Formation
15. Ocean Currents: Types and Factors Responsible - Currents of Atlantic, Pacific and Indian Oceans
16. Ocean deposits – Types and Distribution

**Reference Books:**

1. Critchfield (1997) General Climatology, Prentice Hall of India, New Delhi.
2. Strahler, A.H. and Strahler A.N., (1971) Physical Geography, Wiley eastern, New Delhi
3. Trewartha (1968) An Introduction to Climate, Mc Graw Hill, New Delhi.
4. Cole and King, (1975) Oceanography for Geographers, E. Arnold, London.
5. Ken Briggs (1985) Physical Geography: Process and System, Holder and Stoughton, London.
6. Rice R.J. (1996) Fundamentals of Geography Addison – Wesley.

  
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B. A. I year, Revised Practical Syllabus (w. e. f. 2014-15)  
Subject: Geography

**PRACTICAL – I: ELEMENTS OF MAPPING**

1. Maps: Types – Cadastral – Topographical – Atlas – General Maps – Thematic Maps
2. Scales: Classification – Statement – Representative Fraction(R.F.) – Construction of Linear – Diagonal – Conversion of Scales
3. Representation of Relief – Spot heights, Bench marks, Layer colouring, Contours – Hachures and Hill shading
4. Contours: Drawing and Contour Interval – Drawing of Cross profiles and landform Identification and description: Plateau – Ridge – Conical hill – U-shaped valley – V-shaped valley – Gorge – Spur - Cliff – Escarpment  
Measurement and description of Slopes: Convex, Concave, Uniform and Terraced
5. Profile drawing and Interpretation: Simple Profile – Composite profile – Super imposed profile – Projected profile
6. Map Interpretation  
Topographical Map – Conventional Signs and Interpretation  
Weather Map – Weather symbols and interpretation

**Basic Texts**

1. Monkhouse, F.J. and Wilkinson, H.R. (1968) Maps and Diagrams, Methuen, London.
2. Misra, R.P. and Ramesh, A (1999) Fundamentals of Cartography, Mac Millan, New Delhi.

**Additional Texts**

1. Gopal Singh, (1996) Map Work and Practical Geography, Vikas Publishing House, New Delhi.
2. Singh, R.L. and Dutt, P.K. (1968) Elements of Practical Geography, Students Friends, Allahabad.
3. Negi, B.S. (1998) Practical Geography, Kedarnath and Ramnath, Meerut.

  
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B. A. II year, Revised Semester wise Syllabus (w. e. f. 2014-15)

Subject: Geography

Semester – III

**PAPER -III: HUMAN GEOGRAPHY**

**UNIT-I: Perspectives**

1. Nature and Objectives of Human Geography
2. Man and Environment: Physical and Cultural environment

**UNIT-II:**

3. Human Races: Origin, Classification, Characteristics and Distribution.
4. Cultural Realms of the World

**UNIT-III:**

5. Population: World population – growth and distribution –
6. Demographic Transition

**UNIT-IV:**

7. Human Migration: Types, Causes and Consequences of Migration
8. Human Settlements: Forms, Structure, Functions and Patterns – Rural and Urban settlements
9. Urbanisation – Impacts of Urbanisation


Reference Books:

1. Leong, G.C. and Morgan, C.C. (1975) Human and Economic Geography, Oxford University Press, London.
2. Hartshorn, T.A. and Alexander (1988) Economic Geography, Prentice Hall, New Delhi.
3. Majid Hussain (1999) Human Geography, Rawat, Jaipur.
4. Ghosh, B.N. (1995) Fundamentals of Population Geography, Sterling Publishers, Bangalore.
5. Chandana, R.C. (1986) A Geography of Population, Kalyani Publishers, New Delhi



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B. A. II year, Revised Semester wise Syllabus (w. e. f. 2014-15)

Subject: Geography

Semester – IV

## PAPER – IV: ECONOMIC GEOGRAPHY

### UNIT-I:

1. Definition and Scope of Economic Geography
2. Human activities – Primary – Secondary – Tertiary – Quaternary

### UNIT-II:

3. Resources: Classification, Conservation and Management
4. Minerals: Metallic (Iron Ore, Copper) – Non-metallic (Limestone and Mica)
5. Power Resources: Coal and Petroleum

### UNIT-III:

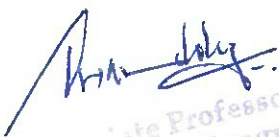
6. Agriculture: Types, Distribution and Production of Rice, Wheat, Tea, Cotton and Sugarcane
7. Major Fishing grounds of the World
8. Forest: Types, Distribution and Forest Products – Wild Life

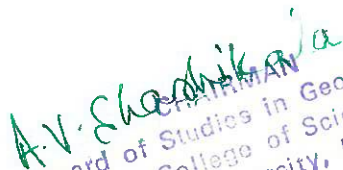
### UNIT-IV:


9. Industry: Locational Factors, Industrial location theory of Weber
10. Major industries : Iron and Steel and Cotton and Textile
11. Industrial Regions of the World
12. Transport: Roadways, Railways, Waterways and Airways

### Reference Books:

1. Leong,G.C. and Morgan,C.C. (1975) Human and Economic Geography, Oxford University Press, London.
2. Alexander,J.W. (1963) Economic Geography, Prentice Hall, New Delhi.
3. Hartshorn,T.A. and Alexander (1988) Economic Geography, Prentice Hall, New Delhi.
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6. Chandana,R.C. (1986) A Geography of Population, Kalyani Publishers, New Delhi

  
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B. A. II year, Revised Semester wise Syllabus (w. e. f. 2014-15)  
Subject: Geography

## PRACTICAL – II: MAPS AND DIAGRAMS

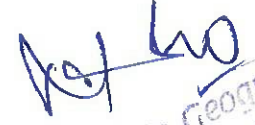
1. Data: Primary and Secondary – Classification
2. Diagrams: (i) One Dimensional: Line Graph – Poly Graph – Bar Graph – Pyramid Graph – Simple and Compound Diagram, Pie Diagram  
(ii) Two Dimensional: Squares and Rectangles  
(iii) Three dimensional: Spheres and Blocks  
(iv) Climatic Diagrams: Climo Graph, Hyther Graph, Wind Rose
3. Maps: i) Thematic Maps: Class intervals – Choropleth – Isopleth – Choroschematic – Dot Maps – Flow Maps  
(ii) Flow Chart
4. Field study and Report

### Reference Books:

1. Monkhouse, F.J. and Wilkinson, H.R. (1968) Maps and Diagrams, Methuen, London.
2. Robinson, A.H. et al (1995) Elements of Cartography, John Wiley, New York.
3. Singh, R.L. and Dutt, P.K. (1968) Elements of Practical Geography, Students Friends, Allahabad.
4. Misra, R.P. and Ramesh, A (1989) Fundamentals of Cartography, Concept, New Delhi.

  
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B. A. III year, Revised Semester wise Syllabus (w. e. f. 2014-15)

Subject: Geography

Semester – V

**PAPER – V: REGIONAL GEOGRAPHY OF INDIA**

**UNIT-I: Physical Setting**

1. Major physical divisions
2. Drainage system
3. Climate – Mechanism of Indian monsoons
4. Natural vegetation
5. Soil types

**UNIT-II: Cultural Settings**

6. Population – Growth pattern and distribution
7. Settlement Patterns – Rural and Urban Growth
8. Urbanisation and trends

**UNIT-III: Agricultural Setting**

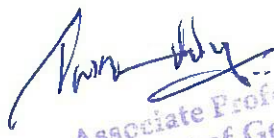
9. Irrigation: types, Major irrigation Projects
10. Agriculture - Types (subsistence and commercial; intensive and extensive and plantation) Cropping pattern and Green revolution
11. Livestock and White revolution

**UNIT-IV: Economic Setting**

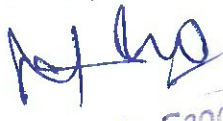
12. Power production: Hydel, Thermal and Atomic
13. Resources: Energy (Coal and Petroleum), Minerals (Iron ore, Manganese, Copper, Mica) – utilization and conservation;
14. Industry – Study of Iron and Steel, Cotton textiles, and Oil refineries, and Industrial regions
15. Transport – Road ways, Railways, Water ways, Airways Growth and distribution

**Reference Books:**

1. Sharma and Coutino (1980) Economics and Commercial Geography of India, Vikas Publication, New Delhi.
2. Spate, O.H.K. and Learmonth, A.T.A (1972) India and Pakistan, B.I. Publications, Madras.
3. Prithvish Nag and Sengupta, S. (1999) Geography of India, Concept, New Delhi.
4. Alam, M.S. (1974) Planning Atlas of Andhra Pradesh, Govt. of India and Andhra Pradesh, Hyderabad.
5. Singh, R.L. (1976) Regional Geography of India, NGSI, BHU, Varanasi.
6. Mamoria, C.B. (1995) Economic and Commercial Geography of India, Shiva Lal Agarwala, Agra.

  
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B. A. III year, Revised Semester wise Syllabus (w. e. f. 2014-15)

Subject: Geography

Semester – V

**PAPER – VI: GEOGRAPHIC INFORMATION SYSTEM**

**UNIT-I:**

1. GIS: Definition – Contributing Disciplines – Functions – Data Capture/Input, Data Storage, Data Retrieval, Data Analysis, Data Output
2. Components of Geographic Information Systems: Hardware Components, Software Components, Brain-ware Components and Organizational set up

**UNIT-II:**

3. Data Input and Editing: Data Types: Spatial and Attribute data – Raster and Vector
4. Sources of GIS data
5. Methods of Data input (Keyboard Entry, Digitizing, Scanning)
6. GPS and Its Application

**UNIT - III:**

7. Data Base Management System: Definitions and Functions
8. Data Conversion (Format, Structure, and Medium Conversion)
9. Spatial Measurements (Counting, Measuring lengths and Areas)


**UNIT - IV:**

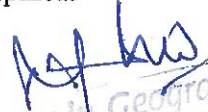
10. Buffering - Point, Line, Area and Doughnut
11. Overlay Analysis
12. Modeling Surfaces (DTMs)
13. Modeling Networks
14. Remote Sensing and GIS: Integration – GIS Application

**Reference Books:**

1. Campbell, James,B (1987) Introduction to Remote Sensing, The Guilford Press, New York.
2. Curran, P (1985) Principles of remote Sensing, Longman, London.
3. Kang-tsung Chang (2003) Geographic Information Systems, Tata Mc Graw Hill, New Delhi
4. Star J, and J. Estes, (1994), Geographic Information Systems: An Introduction, Prentice Hall, New Jersey.
5. Michael F. Goodchild and Karen K. Kemp (1990) Introduction to GIS, National Centre for Geographic Information and Analysis, University of California, Santa Barbara.
6. Anji Reddy,M (2006) A Text Book of remote Sensing and Geographical Information Systems, B.S. Publications, Hyderabad.
7. Clarke, Keith C. (1999) Getting Started with Geographic Information Systems, Prentice Hall, New Jersey,
8. Lo Albert, C.P., and Yeung, K.W (2003) Concepts and Techniques of Geographical Information Systems, Prentice Hall of India Pvt. Ltd., New Delhi.

  
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B. A. III year, Revised Semester wise Syllabus (w. e. f. 2014-15)

Subject: Geography

Semester – VI

**PAPER – VII: REGIONAL GEOGRAPHY OF ANDHRA PRADESH**

**UNIT-I: Physical aspects**

1. Relief
2. Drainage
3. Climate
4. Vegetation
5. Soils

**UNIT-II:**

6. Population – Growth and distribution, Rural and Urban population,
7. Urbanization

**UNIT-III:**

8. Irrigation types: Irrigation development, Major irrigation projects
9. Agriculture: Cropping pattern, Production and Potentials

**UNIT-IV:**

10. Resource base – Fuel and mineral wealth
11. Industries: Small scale and Large Scale industries – Spatial Distribution
12. Transport types
13. Tourism Development

**Reference Books:**

1. Andhra Pradesh year book (1981), date news features, Hyderabad.
2. Alam, M.S. (1974) Planning Atlas of Andhra Pradesh, Govt. of India and Andhra Pradesh, Hyderabad.
3. Andhra Pradesh Geography by Telugu Academy

  
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Subject: Geography

Semester – VI

**PAPER – VIII: REMOTE SENSING**

**UNIT - I:**

1. Remote Sensing: Definition, History, Advantages
2. Aerial Photography and Satellite Remote Sensing

**UNIT - II:**

3. Energy Source, Energy-Atmosphere Interaction, Energy-Matter Interaction
4. Nature of Electromagnetic Radiation – Electromagnetic Radiation Spectrum
5. Interaction of Electromagnetic Radiation with Atmosphere and with Earth Surface  
Materials – Spectral Signatures.

**UNIT – III:**

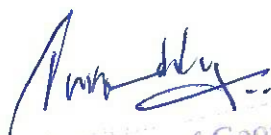
6. Remote Sensing Platforms: Aircrafts and Satellites
7. Orbital Characteristics of Sun-synchronous and Geostationary Satellites
8. Types of Sensors: Active and Passive

**UNIT – IV:**

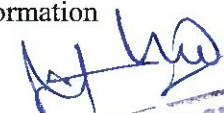
9. Sensor Characteristics: Spatial Resolution, Spectral Resolution, Radiometric Resolution, Temporal Resolution.
10. Types of Cameras: Single Lens, Multiple Lens, Strip and Digital – Films and Filters
11. Types of Scanners: Cross-track Vs. Along-track – Mono-Spectral Vs. Multi-Spectral Scanners
12. Remote Sensing in India: Development and Growth – Satellites

**Reference Books:**

1. Campbell, James,B (1987) Introduction to Remote Sensing, The Guilford Press, New York.
2. Curran, P (1985) Principles of remote Sensing, Longman, London.
3. Lillisand, T.M. and R.W Kiefer ( 1997) Remote Sensing and Image Interpretation,  
John Wiley and Sons, new York.
4. Anji Reddy,M (2006) A Text Book of remorte Sensing and Geographical Information  
Systems, B.S. Publications, Hyderabad.

  
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B. A. III year, Revised Semester wise Syllabus (w. e. f. 2014-15)  
Subject: Geography

**PRACTICAL – III: MAP PROJECTIONS AND FIELD SURVEYING AND STUDY**

**UNIT – I: Projections: Constructions and Uses**

- i). Conical Projections: One Standard Parallel, Two Standard Parallel,
- ii). Cylindrical Projections: Equal area, Equal distant, Mercator
- iii). Zenithal Projections (Polar cases only): Stereographic, Gnomonic, and Zenithal Equidistant and Equal Area
- iv). Conventional: Mollweide, Sinusoidal.

**UNIT – II: FIELD SURVEY**

- i) Chain Survey
- ii) Prismatic Compass Survey
- iii) Plane Table Survey

**UNIT – III**

- iv) Village / Urban Study: Socio-economic or Physiographic study
- v) Educational Tour: Observations, Measurements, Interviews, data collection, data Analysis, Report Writing

**Reference Books:**

- 1) Monkhouse, F.J. and Wilkinson M.R. (1968) Maps and Diagrams, Methuen, London.
- 2) Misra, R.P. and Ramesh, A (1989) Fundamentals of Cartography, Concept, New Delhi.
- 3) Robinson, A.H. (1995) Elements of Cartography, John Willey, New York.
- 4) Gopal Singh (1996) Map work and Practical Geography, Vikas Publishing, New Delhi.
- 5) Negi, B.S (1998) Practical Geography, Kedarnath and Ramnath, Meerut.

  
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**NAGARJUNA GOVERNMENT COLLEGE: NALGONDA  
(AUTONOMOUS)**

(Re-accredited by NAAC with "A" Grade)

B. A. III year, Revised Semester wise Syllabus (w. e. f. 2014-15)

Subject: Geography

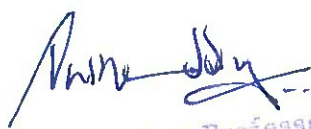
**PRACTICAL – IV: COMPUTER BASICS AND INTRODUCTION TO GIS**

**UNIT – I:**

1. Types of computers and computer components
2. Computer software- Operating systems – MS DOS, Windows
3. Sources and components of information systems
4. Computer fundamentals of GIS
5. Raster and Vector GIS capabilities: Display, Query, Overlay, Buffering

Reference books:

1. Campbell, James, B (1987) Introduction to Remote Sensing, The Guilford Press, New York.
2. Clarke, Keith C. (1999) Getting Started with Geographic Information Systems, Prentice Hall, New Jersey
3. Kang-tsung Chang (2003) Geographic Information Systems, Tata Mc Graw Hill, New Delhi
4. Michael F. Goodchild and Karen K. Kemp (1990) Introduction to GIS, National Centre for Geographic Information and Analysis, University of California, Santa Barbara.

  
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# NAGARJUNA GOVERNMENT COLLEGE, NALGONDA

## DEPARTMENT OF GEOGRAPHY

### List of Panal for Paper Setting and Evaluation

#### I year

##### Semester- I

1. Dr. K. Narayana Reddy, Assit. Professor Department of Geography, UCS, OU, HYD. 9490469790
2. Dr. V. Anand/<sup>Academic consultant</sup> Department of Geography, UCS, OU, HYD. 9848256042
3. Dr. L. Ashok Kumar, Assit. Professor, Department of Geography, UCS, OU, HYD. 9247358736

##### Semester - II

4. Dr. K. Narayana Reddy, Assit. Professor Department of Geography, UCS, OU, HYD. 9490469790
5. Dr. V. Anand/<sup>AC</sup> Department of Geography, UCS, OU, HYD. 9848256042
6. Dr. L. Ashok Kumar, Assit. Professor, Department of Geography, UCS, OU, HYD. 9247358736

#### II year

##### Semester - III

7. Dr. L. Ashok Kumar, Assit. Professor, Department of Geography, UCS, OU, HYD. 9247358736
8. Dr. V. Anand, Department of Geography, UCS, OU, HYD 9848256042
9. Dr. K. Narayana Reddy, Assit. Professor Department of Geography, UCS, OU, HYD 9490469790

##### Semester - IV

10. Dr. T. Anuradha, Assit. Professor, Dept. of Geography, Koti womens college, HYD. 9985010628
11. Dr. K. Narayana Reddy, Assit. Professor Department of Geography, UCS, OU, HYD. 9490469790
12. Prof. A Kamalakar Reddy, Department of Geography, UCS, OU, HYD. 9490233534

  
1  
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## III year

### Semester - V

13. Prof. C. Venugopal Rao, Department of Geography, UCS, OU, HYD. 9989064567
14. Prof. A Kamalakar Reddy, Department of Geography, UCS, OU, HYD. 9490233534
15. Prof. AV Shashikala, Department of Geography, UCS, OU, HYD. 9866333193

### Semester - VI

16. Dr. K. Narayana Reddy, Assit. Professor Department of Geography, UCS, OU, HYD. 9490469790
17. Prof. A Kamalakar Reddy, Department of Geography, UCS, OU, HYD. 9490233534
18. Dr. L. Ashok Kumar, Assit. Professor, Department of Geography, UCS, OU, HYD. 9247358736

Approved for the year 2014-15

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# NAGARJUNA GOVERNMENT COLLEGE (AUTONOMOUS), NALGONDA

## TENTATIVE SCHEME OF EVALUATION

Course: B.A.  
Semester: I  
Max. Marks: 70

Subject: Geography  
Module: Geomorphology  
Time: 2:30 Hours

### PART – A (Very Short Questions)

I. Answer all the Questions

5 X 2 = 10

- 1.
- 2.
- 3.
- 4.
- 5.

### PART – B (Short Questions)

II. Answer any Four of the following  
(At least one Question from each unit)

4 x 5 = 20

- 6.
- 7.
- 8.
- 9.
- 10.
- 11.

### PART – C (Essay type Questions)

III. Answer the following questions

4 X 10 = 40

12. A)  
B)

(Or)

C)  
D)

13. A)  
B)

(Or)

C)  
D)

14. A)  
B)

(Or)

C)  
D)

15. A)  
B)

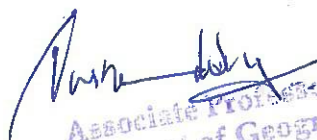
(Or)


C)  
D)

Internal Assessment – 30 Marks

Internal Periodical Test- 20 ( Best of Two)

Co-Curricular Activities – 10 Marks (Assignment-5, Seminar-5)

  
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# NAGARJUNA GOVERNMENT COLLEGE (AUTONOMOUS), NALGONDA

## TENTATIVE SCHEME OF EVALUATION

Course: B.A.  
Semester: II  
Max. Marks: 70

Subject: Geography  
Module: Climatology & Oceanography  
Time: 2:30 Hours

### PART – A (Very Short Questions)

- I. Answer all the Questions 5 X 2 = 10
- 1.
  - 2.
  - 3.
  - 4.
  - 5.

### PART – B (Short Questions)

- II. Answer any Four of the following 4 x 5 = 20  
(At least one Question from each unit)
- 6.
  - 7.
  - 8.
  - 9.
  - 10.
  - 11.

### PART – C (Essay type Questions)

- III. Answer the following questions 4 X 10 = 40
12. A)  
B) (Or)  
C)  
D)
13. A)  
B) (Or)  
C)  
D)
14. A)  
B) (Or)  
C)  
D)
15. A)  
B) (Or)  
C)  
D)

**Internal Assessment – 30 Marks**

**Internal Periodical Test- 20 ( Best of Two)**

**Co-Curricular Activities – 10 Marks (Assignment-5, Seminar-5)**

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**Faculty of Social Sciences**  
**B.A-II year III Semester model question paper**  
**GEOGRAPHY**  
**(Human Geography) (Paper-III)**

Time: 2 ½ Hours

Max.Marks:40

**SECTION-A****(4 X 8 =32)****Answer all questions each answer not more than 300 words**

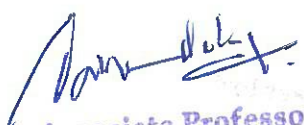
అన్ని ప్రశ్నలకు 300 పదములకు మించకుండా సమాధానాలు వ్రాయండి.


1. (a) Define Human Geography and bring out its objectives  
మానవీయ భూగోళ శాస్త్రమును నిర్వచించి, దాని ప్రధాన ఉద్దేశాలను పేర్కొనుము.  
**(OR)**  
(b) Describe the man and environment relationship.  
మానవి మరియు పరిసరాల సంబంధంను తెలుపుము
2. (a) Describe the distribution of human races in the world.  
వివిధ మానవ జాతుల ప్రపంచ విస్తరణ గురించి వ్రాయుము  
**(OR)**  
(b) Examine different cultural realms of the world.  
ప్రపంచ సాంస్కృతిక ప్రాంతాలను వివరింపుము.
3. (a) Write an account on the growth of world population.  
ప్రపంచ జనాభా పెరుదలను గురించి వివరంగా వ్రాయుము.  
**(OR)**  
(b) What is Demographic Transition and explain its stages.  
జనాభా పరివర్తన అనగానేమి? దాని వివిధ దశలను వివరింపుము.
4. (a) How many types of settlements are there? Describe the Rural settlements.  
జనపదాలు ఎన్ని రకాలు? గ్రామీణ జనపదాలను వివరింపుము.  
**(OR)**  
(b) Describe the process of Urbanization in India  
భారతదేశంలో నగరీకరణ పద్ధతిని వివరింపుము.

**SECTION-B****(4 x 2 =8)****Answer any four of the following.**

ఈక్రింది వానిలో ఏవేని నాల్గింటికి సమాధానములు వ్రాయుము.

5. Elements of Nature (ప్రాకృతిక మూలకాలు)
6. Physical Environment (భౌతిక పరిసరాలు)
7. Negroid race (నీగ్రాయిడ్ జాతి)
8. Human Migration (మానవ వలసలు)
9. Definition of Urban areas (నగర ప్రాంతాల నిర్వచనం)
10. Urbanization (నగరీకరణము)

  
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**Faculty of Social Sciences**  
**B.A-II year IV Semester model question paper**  
**GEOGRAPHY**  
**(Economic Geography) (Paper-IV)**

Time: 2 ½ Hours

Max.Marks:40

**SECTION-A****(4 X 8 =32)****Answer all questions, each not exceeding 300 words**

అన్ని ప్రశ్నలకు 300 పదములకు మించకుండా సమాధానములు వ్రాయుము.

1. Define Economic Geography and explain the nature and objectives of Economic geography.  
 ఆర్థిక భూగోళ శాస్త్రమును నిర్వచించి, దాని స్వభావము మరియు లక్ష్యములను తెలుపుము.

**(OR)**

(b) Describe the different types of economic activities in detail.  
 వివిధ రకాల ఆర్థిక వృత్తులను వివరంగా తెలుపుము.

2. (a) What are the resources? Describe the classification of resources.  
 వనరులు అనగా నేమి? వనరుల వర్గీకరణమును వివరింపుము.

**(OR)**

(b) How does the technology can help in conservation of natural resources.  
 ప్రకృతి వనరులను సంరక్షించడంలో, సాంకేతిక శాస్త్ర విజ్ఞానం ఎలా ఉపయోగ పడుతుంది.

3. (a) Describe the plantation agriculture in detail  
 తోట వ్యవసాయంను వివరంగా తెలుపుము.

**(OR)**

(b) Examine the distribution of Forests in India  
 భారతదేశంలో అడవుల విస్తరణను పరిశీలింపుము.

4. (a) Describe the cotton & Textile Industry in world.  
 ప్రపంచ నూలు వస్త్ర పరిశ్రమను వివరింపుము.

**(OR)**

(b) Examine the Airways transportation of the world.  
 ప్రపంచ వాయు రవాణా మార్గాలను పరిశీలింపుము.

**SECTION-B****(4 X 2=8)****Answer any Four of the following.**

ఈక్రింది వానిలో ఏవేని నాల్గింటికి సమాధానములు వ్రాయుము.

5. Special Economic Zones (ప్రత్యేక ఆర్థిక వాడలు)
6. Mineral Resources in India (భారతదేశంలో ఖనిజ వనరులు)
7. Rohr Economic zone (రూర్ పారిశ్రామిక ప్రాంతం)
8. Human Resources (మానవ వనరులు)
9. Petroleum production (పెట్రోలియం ఉత్పత్తి)
10. Fisheries Industry in India. (భారతదేశంలో మత్స్య పరిశ్రమ)

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# Faculty of Social Sciences

B.A. III Yr. V Semester

## MODEL PAPER

### GEOGRAPHY

#### Paper - V

Time: 2 ½ Hrs.

Max.Marks: 40

#### SECTION - A (4 x 8 = 32)

**Answer all questions, each answer not more than 300 words.**

అన్ని ప్రశ్నలకు సమాధానములు వ్రాయండి. 300 పదములకు మించరాదు.

1. (a) Explain the major river draingage system in North India.  
ఉత్తర భారతదేశంలోని ప్రధాన నదీ పరివాహక వ్యవస్థను వివరింపుము.

(OR)

(b) Discuss the major soil types found in India.  
భారతదేశంలోని ప్రధాన మృత్తికలను వివరింపుము.

2. (a) Describe the settlement pattern in India.  
భారతదేశంలో జనపదాల సరళిని వివరింపుము.

(OR)

(b) Explain regional variations in the process of urbanization in India.  
భారతదేశంలో నగరీకరణ విధానంలోని ప్రాంతీయ విభేదాలను వర్ణింపుము.

3. (a) Discuss the importance of Green Revolutin in India.  
భారతదేశంలో హరితవిప్లవం ప్రాముఖ్యతను విశ్లేషింపుము.

(OR)

(b) Analyse the changing cropping pattern in India.  
భారతదేశంలో పంటల సరళిలోని మార్పులను విశ్లేషింపుము.

4. (a) Describe the major industrial regions in India.  
భారతదేశంలో ప్రధాన పారిశ్రామిక ప్రాంతాలను వర్ణింపుము.

(OR)

(b) Examine the cotton textile industry in India.  
భారతదేశంలో నూలు వస్త్ర పరిశ్రమను వివరింపుము.

#### SECTION - B (4 x 2 = 8)

**Answer any 4 questions choosing one from each unit.**

ఈ క్రింది వానిలో ఏదేని 4 ప్రశ్నలకు సమాధానములు వ్రాయుము.

5. Forests in India. (భారతదేశంలోని అడవులు)
6. Ganges river system. (గంగానదీ వ్యవస్థ)
7. Population growth. (జనాభా పెరుగుదల)
8. White revolution. (శ్వేత విప్లవం)
9. Irrigation types. (నీటి పారుదల రకాలు)
10. Railways in India. (భారతదేశంలో రైలు మార్గాలు)

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**Faculty of Social Sciences**  
**B.A.III year V Semester model question paper**  
**GEOGRAPHY-VI**  
**(GIS)**

Time: 2 ½ Hours

Max. Marks:40

**SECTION-A**

(4 X 8=32)

**Answer all questions each answer not more than 300 words.**

ఈక్రింది వానిలో 4 ప్రశ్నలకు జవాబులు వ్రాయుము ప్రతి జవాబు 300 పదాలకు మించరాదు.

1. (a) Discuss the role of G.I.S in various disciplines.  
వివిధ శాస్త్రాలలో భౌగోళిక సమాచార వ్యవస్థ యొక్క పాత్రను వివరింపుము.

(OR)

- (b) What are the different components of GIS explain?  
భౌగోళిక సమాచార వ్యవస్థలోని వివిధ అంశాలను వివరింపుము.

2. (a) Explain the methods of Data import.  
భౌగోళిక సమాచార వ్యవస్థలో వివిధ దత్తాంశాలను చేర్చే పద్ధతులను వివరింపుము.

(OR)

- b) Explain about the main functional segments of the G.P.S  
జీపీఎస్ యొక్క వివిధ క్రియాశీలక విభాగాలను వివరింపుము.

3. (a) What is Data Base Management system and explain its functions  
భౌగోళిక సమాచార వ్యవస్థలో DBMS యొక్క విధులను తెలుపుము.

(OR)

- (b) What is format of Data Commission?  
భౌగోళిక సమాచార వ్యవస్థలో దత్తాంశాల మార్పిడి పద్ధతులు ఏవి?

4. (a) What is overlay? What it is still among the strongest operations in most modern commercial GIS?  
అతిపాతం అనగానేమి? వాణిజ్య భౌగోళిక సమాచార వ్యవస్థలో అది ఇంకా ఎందుకు ప్రముఖంగా వినియోగింపబడుతుంది.

(OR)

- (b) What are the different stages of integration of Remote Sensing in GIS?  
సుదూర గ్రాహక వ్యవస్థ మరియు భౌగోళిక సమాచార వ్యవస్థ అంతర్దీనత లోని వివిధ దశలను వివరింపుము.

**SECTION-B**

(4 X 2 =8)

**Answer any 4 questions not exceeding 10 lines.**

ఈక్రింది వానిలో ఏవేని నాల్గింటికి 10 పంక్తులకు మించకుండా సమాధానం వ్రాయుము.

5. Brainwave (బ్రెయిన్వేవ్)
6. Digital Terrain Modeling (డిజిటల్ భూభాగ నమూనా)
7. Spatial Data. (స్పేషియల్ దత్తాంశము)
8. Raster Data. (రాస్టర్ దత్తాంశము)
9. Data format. (దత్తాంశ పద్ధతులు)
10. Vector Data. (వెక్టర్ దత్తాంశము)

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**Faculty of Social sciences**  
**B.A.III year VI Semester model question paper**  
**GEOGRAPHY-VII**  
**(REGIONAL GEOGRAPHY OF A.P)**  
**(Paper-VII)**

Time: 2 ½ Hours

Max.Marks:40

**SECTION-A (4 X 8 =32)**

**Answer the questions Each answer not more than 300 words.**

1. (a) Bring out the regional variations in the climate of Andhra Pradesh  
 ఆంధ్రప్రదేశ్ యొక్క శీతోష్ణస్థితిలో ప్రాంతీయ తారతమ్యాలను తెలుపుము.

**(OR)**

- (b) Explain the major physiographic regions of Andhra Pradesh.  
 ఆంధ్రప్రదేశ్ లోని ప్రధాన నైసర్గిక ప్రాంతాలను వివరింపుము

2. (a) Discuss the growth and distribution of population in Andhra Pradesh.  
 ఆంధ్రప్రదేశ్ లోని జనాభా పెరుగుదల మరియు విస్తరణను తెలుపుము

**(OR)**

- (b) Examine the urbanization patterns in Andhra Pradesh  
 ఆంధ్రప్రదేశ్ లోని నగరీకరణ సరళిని పరిశీలింపుము

3. (a) Examine the irrigation development in Andhra Pradesh  
 ఆంధ్రప్రదేశ్ లోని నీటిపారుదల అభివృద్ధిని పరిశీలింపుము

**(OR)**

- (b) Explain the cropping pattern and production of food crops in A.P  
 ఆంధ్రప్రదేశ్ లోని పంటల నమూనా మరియు ఆహార పంటల ఉత్పత్తిని వివరింపుము

4. (a) Examine the mineral wealth in Andhra Pradesh  
 ఆంధ్రప్రదేశ్ లోని ఖనిజ సంపదను పరిశీలింపుము

**(OR)**

- (b) Discuss the distribution of energy resources in Andhra Pradesh  
 ఆంధ్రప్రదేశ్ లోని శక్తి వనరుల విస్తరణను వివరింపుము

**SECTION-B (4 X 2=8)**

**Answer any 4 questions of the following**

5. Forests in Andhra Pradesh. (ఆంధ్రప్రదేశ్ లోని అడవులు)
6. Cotton production in A.P (ఆంధ్రప్రదేశ్ లో ప్రత్తి ఉత్పత్తి)
7. Krishna river (కృష్ణానది)
8. Alluvial soils in A.P (ఆంధ్రప్రదేశ్ లో ఒండ్రుమట్టి నేలలు)
9. Drought in Telangana. (తెలంగాణలో కరువు)
10. Ports in Andhra Pradesh. (ఆంధ్రప్రదేశ్ లోని యొక్క ఓడ రేవులు)

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