


**NAGARJUNA GOVT.COLLEGE, NALGONDA  
(AUTONOMOUS)  
DEPARTMENT OF GEOGRAPHY  
Constitution of Board of Studies 2016-17**

S.NO	CATEGORY	NAME & DESIGNATION
1	Chairman Board of studies	Dr. P. Ramakrishna Assistant Professor of Geology Nagarjuna Govt. College, Nalgonda.
2	University Nominee	Prof. C. Venugopal rao, Chairman Board of Studies Department of Geography University college of Science Osmania University, Hyderabad
3	Subject expert from outside the college	Prof. A V Shashikala Head Department of Geography University college of Science Osmania University, Hyderabad
4	Subject expert from outside the college	Prof. B. Laxmaiah Department 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  
**Nagarjuna Govt. College**  
**(Autonomous) NALGONDA.**

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

Date: 20/10/2016

**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 20/10/2016 at 10:30 am.  
The following members are Present:


1. Prof. C. Venugopal rao, CBOS, Department of Geography, UCS, OU, Hyd.

  
20/10/16 CHAIRMAN  
Board of Studies in Geography  
Univ College of Science  
Osmania University, Hyd-7.

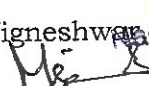
2. Prof. A V Shashikala, Head, Department of Geography, UCS, OU, Hyd.

  
PROFESSOR & HEAD  
DEPARTMENT OF GEOGRAPHY  
OSMANIA UNIVERSITY, Hyd-7.

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

  
Dr. P. Ramakrishna,  
M.Sc., (Tech.), Ph.D  
LECTURER IN GEOLOGY  
Nalgonda Govt. Degree College

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

  
Lecturer in Geography  
Nagarjuna Government College  
NALGONDA - 508 001.

The following resolutions have taken in the meeting:

- i) The syllabus and Model question papers for I to VI Semesters during 2016-17 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 to VI Semesters.
- 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 to VI semesters.
- iv) It is approved to have 70 marks for each theory paper in all Semesters I to VI and 50 marks for each practical examination for I to VI semesters.
- v) It is approved to pass end exam one has to get a minimum of 40 % marks for each paper in both theory and practical papers in all semesters I to VI.
- vi) It is approved to have a inter disciplinary/General elective paper in IV semester for each student.
- vii) It is approved to have a project work for each student in the VI semester. Grades can be given to the project reports.
- viii) It is agreed and approved the list of examiners for paper setting for I to VI semesters.


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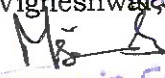
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(Re-accredited by NAAC with "A" Grade)

B. A. I year, Revised Semester wise Syllabus (w. e. f. 2016-17)

Subject: Geography

Semester – I

Module - I: Geomorphology (4 credits)

UNIT-I: 15 Hours  
1. Land and Sea: Formation and distribution 15 Hours

2. Theories: Isostasy, Continental Drift, Plate Tectonics

UNIT-II:

3. Interior of Earth

4. Earthquakes

5. Volcanoes

6. Rocks

7. Weathering

8. Mass-wasting

15 Hours

UNIT-III:

9. River: Flow and Work – erosion, transportation, deposition – landforms

10. Wind: Air flow and Work - erosion, transportation, deposition – landforms –  
desert formations

11. Marine: waves and currents and works- erosion, transportation, deposition-  
shoreline and landforms

15 Hours

UNIT-IV:

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

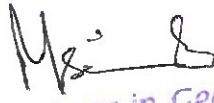
5. General climatology by critchfield (1997), printice hall of india, New Delhi

6. Geomorphology by savinder singh (2013), prayag pustak bhan, Allahabad.

  
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B. A. I year, Revised Semester wise Syllabus (w.e.f. 2016-17)

Subject: Geography

Semester – II

Module - II: Climatology and Oceanography (4 credits)

**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


17. Marine Resources and their economic significance.

**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. 2016-17)  
Subject: Geography

**PRACTICAL – II: BASIC STATISTICS AND WEATHER MAPS**

1. Sources of data, classification and Tabulation of data.
2. Central tendencies – Mean, median and mode
3. Measure of Dispersion – mean deviation and standard deviation
4. Correlation – Karl Pearson and Spearman.
5. Weather map: weather symbols and interpretation of Indian daily weather maps.

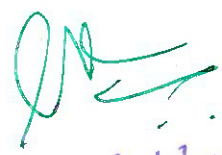
**REFERENCES:**

1. Aslam Mohmood: Statistical Methods in Geographical Studies. Rajesh Publication, New Delhi.
2. Singh, L.R. (2006): Practical Geography, Sharada Pustak Bhavan.
3. Gregory, S (1963): Statistical Methods and the Geographer, Longmans, London
4. King, L.J.: Statistical Analysis in Geography, Prentice Hall, Englewood Cliffs, New Jersey.
5. Zamir, A. (2002): Statistical Geography: Methods and Applications, Rawat Publications, Jaipur.
6. Monkhouse, F. J. and Wilkinson, F.J. (1985): Maps and Diagrams. Methuen, London
7. Sarkar, A. K. (1997): Practical Geography: A Systematic Approach. Orient Longman, Kolkata.

  
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B. A. II year, Revised Semester wise Syllabus (w. e. f. 2015-16)

Subject: Geography

Semester – III

**Module - 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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# NAGARJUNA GOVERNMENT COLLEGE: NALGONDA (AUTONOMOUS)

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B. A. II year, Revised Semester wise Syllabus (w. e. f. 2015-16)

Subject: Geography

Semester – IV

Module - 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:

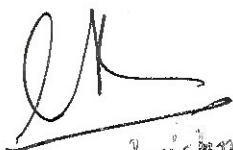
6. Agriculture: Types, Distribution and Production of Rice, Wheat, Tea, Cotton and Sugarcane
7. Major Fishing grounds of the World
8. Forest: Types, Distribution and Forest Products – Wild Life

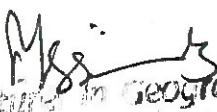
## UNIT-IV:


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:

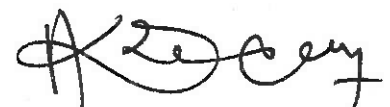
1. Leong,G.C. and Morgan,C.C. (1975) Human and Economic Geography, Oxford University Press, London.
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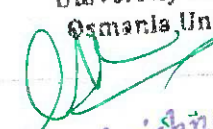
  
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6. Chandana,R.C. (1986) A Geography of Population, Kalyani Publishers, New Delhi

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B. A. II year, Revised Semester wise Syllabus (w. e. f. 2015-16)

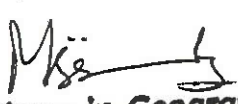
Subject: Geography

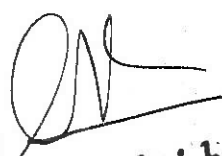
### PRACTICAL – II: MAPS AND DIAGRAMS


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:

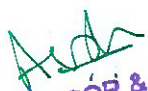
1. Monkhouse,F.J. and Wilkinson,H.R. (1968) Maps and Diagrams, Methuen,  
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2. Robinson,A.H. et al (1995) Elements of Cartography, John Wiley, New York.
3. Singh,R.L. and Dutt,P.K. (1968) Elements of Practical Geography, Students  
Friends, Allahabad.
4. Misra, R.P. and Ramesh,A (1989) Fundamentals of Cartography, Concept,  
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B. A/B.Com/B.Sc. II year, Revised Semester wise Syllabus (w. e. f. 2015-16)

Subject: Geography (Inter Disiplinary)

Semester – IV

General Elective Paper : GEOGRAPHY OF INDIA

**UNIT-I:**

1. Major physical divisions
2. Drainage system
3. Climate – Mechanism of Indian monsoons

**UNIT-II:**

4. Natural vegetation
5. Soil types
6. Population – Growth pattern and distribution

**UNIT-III:**

7. Irrigation: types, Major irrigation Projects
8. Agriculture - Types (subsistence and commercial; intensive and extensive and plantation) and Cropping pattern

**UNIT-IV:**

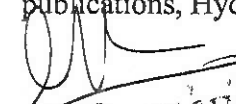
9. Resources: Energy (Coal and Petroleum), Minerals (Iron ore, Manganese, Copper, Mica)
10. Industry – Study of Iron and Steel, Cotton textiles, and Oil refineries, and Industrial regions
11. Transport – Road ways, Railways, Water ways, Airways

**Reference Books:**

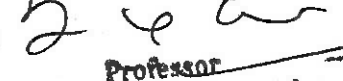
1. Sharma and Coutino (1980) Economics and Commercial Geography of India, Vikas Publication, New Delhi.
2. Spate, O.H.K. and Learmonth, A.T.A (1972) India and Pakistan, B.I. Publications, Madras.
3. Prithvish Nag and Sengupta, S. (1999) Geography of India, Concept, New Delhi.
4. Alam, M.S. (1974) Planning Atlas of Andhra Pradesh, Govt. of India and Andhra Pradesh, Hyderabad.
5. Singh, R.L. (1976) Regional Geography of India, NGSI, BHU, Varanasi.
6. A. Kamalakar Reddy (2015), Geography of Telangana, Adugu jadalu publications, Hyderabad.

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B. A. III year, Revised Semester wise Syllabus (w. e. f. 2015-16)

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

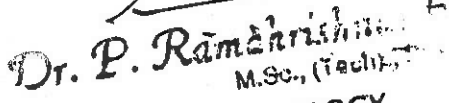
12. Power production: Hydel, Thermal and Atomic
13. Resources: Energy (Coal and Petroleum), Minerals (Iron ore, Manganese, Copper, Mica) - utilization and conservation;
14. Industry - Study of Iron and Steel, Cotton textiles, and Oil refineries, and Industrial regions
15. Transport - Road ways, Railways, 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, G.B. (1995) Economic and Commercial Geography of India, Shiva Lal Agarwala, Agra.



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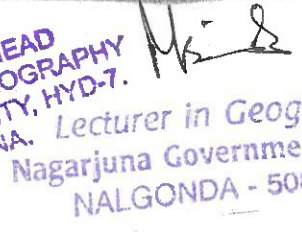
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# NAGARJUNA GOVERNMENT COLLEGE: NALGONDA (AUTONOMOUS)

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

B. A. III year, Revised Semester wise Syllabus (w. e. f. 2015-16)

Subject: Geography

Semester – V

## PAPER – VI: GEOGRAPHICAL 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:

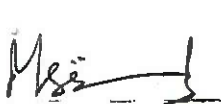
7. Data Base Management System: Definitions and Functions
8. Data Conversion (Format, Structure, and Medium Conversion)
9. Spatial Measurements (Counting, Measuring lengths and Areas)

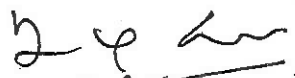
### UNIT - IV:

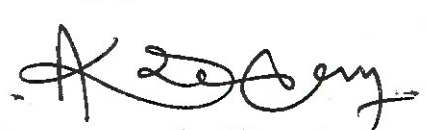
10. Buffering - Point, Line, Area and Doughnut
11. Overlay Analysis
12. Modeling Surfaces (DTMs)
13. Modeling Networks
14. Remote Sensing and GIS: Integration – GIS Application


### 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.

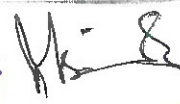
  
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B. A. III year, Revised Semester wise Syllabus (w. e. f. 2015-16)

Subject: Geography

Semester – VI

## PAPER – VII: REGIONAL GEOGRAPHY OF TELANGANA

### 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. A. Kamalakar Reddy (2015), Geography of Telangana, Adugu jadalu Publications, Hyderabad.
2. Andhra Pradesh year book (1981), date news features, Hyderabad.
3. Alam, M.S. (1974) Planning Atlas of Andhra Pradesh, Govt. of India and Andhra Pradesh, Hyderabad.
4. Regional Geography of India by Telugu Academy

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(Re-accredited by NAAC with "A" Grade)  
B. A. III year, Revised Semester wise Syllabus (w. e. f. 2015-16)  
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 remote Sensing and Geographical Information Systems, B.S. Publications, Hyderabad.

*HKS*

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B. A. III year, Revised Semester wise Syllabus (w. e. f. 2015-16)  
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

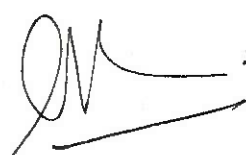

### UNIT – III


- 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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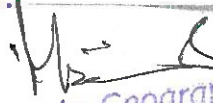
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**NAGARJUNA GOVERNMENT COLLEGE: NALGONDA  
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B. A. III year, Revised Semester wise Syllabus (w. e. f. 2015-16)  
Subject: Geography

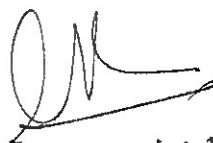
**PRACTICAL – IV: COMPUTER BASICS AND INTRODUCTION TO GIS**

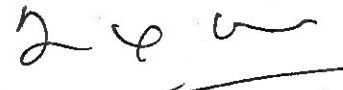
**UNIT – I:**


1. Types of computers and computer components
2. Computer software- Operating systems – MOS 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
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**List of Panal for Paper Setting and Evaluation- 2015-16**  
**I year**

**Semester- I**

- |  |            |
|--|------------|
| 1. Dr. V. Anand, Department of Geography, UCS, OU, HYD.                            | 9848256042 |
| 2. Dr. L. Ashok Kumar, Assit. Professor, Department of Geography, UCS, OU, HYD.    | 9247358736 |
| 3. Dr. K. Narayana Reddy, Assit. Professor Department of Geography (Rtd), OU, HYD. | 9490469790 |

**Semester - II**

- |  |            |
|--|------------|
| 4. Dr. V. Anand, Department of Geography, UCS, OU, HYD.                            | 9848256042 |
| 5. Dr. L. Ashok Kumar, Assit. Professor, Department of Geography, UCS, OU, HYD.    | 9247358736 |
| 6. Dr. K. Narayana Reddy, Assit. Professor Department of Geography (Rtd), OU, HYD. | 9490469790 |

**II year**

**Semester - III**

- |  |            |
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| 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 (Rtd), 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 (Rtd), OU, HYD.  | 9490469790 |
| 12. Prof. A Kamalakar Reddy, Department of Geography, UCS, OU, HYD.                  | 9490233534 |

**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. Dr. V. Anand, Department of Geography, UCS, OU, HYD.            | 9848256042 |

**Semester - VI**

- |   |            |
|---|------------|
| 16. Dr. K. Narayana Reddy, Assit. Professor Department of Geography (Rtd), OU, HYD. | 9490469790 |
| 17. Prof. A Kamalakar Reddy, Department of Geography, UCS, OU, HYD.                 | 9490233534 |
| 18. Dr. V. Anand, Department of Geography, UCS, OU, HYD.                            | 9848256042 |

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Faculty of Social Sciences

B.A. I Yr. I Semester Examination, Model Question Paper - 2015-17

**GEOGRAPHY**

**(Fundamentals of Geomorphology)**

**Paper - I**

Time: 2 ½ Hrs.

Max.Marks: 70

**SECTION - A (5 x 2= 10)**

Answer the following questions (very short questions)

అన్ని ప్రశ్నలకు నమాధానములు వ్రాయండి (అతి స్వల్ప ప్రశ్నలు)

1. Geoid  
జియాయిడ్
2. Isostasy.  
సమస్థితి.
3. Epi center  
అధికేంద్రము
4. Oxidation  
ఆక్సికరణము
5. River Piracy  
నది గ్రహణం

**SECTION - B (4 x 5 = 20)**

Answer any FOUR of the following questions (Short Questions)

ఈ క్రింది వానిలో ఏవేని 4 ప్రశ్నలకు నమాధానములు వ్రాయుము (స్వల్ప ప్రశ్నలు)

6. Define Tetra hedral (చతుర్ముఖము నిర్వచనం)
7. Explain divergent movement (అపసరణ చలనాలను వివరింపుము)
8. What are seismic waves (భూకంప తరంగాలను తెలుపుము)
9. Explain the sedimentary rocks (అవక్షేప శిలలను వివరింపుము)
10. Describe the mechanical weathering (యాంత్రిక శైథిల్యమును వివరింపుము)
11. Write a note on morains (మోరైన్ల పై ఒక వ్యాఖ్య వ్రాయుము)

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**SECTION-C**

(4 x 10=40)

**III. Answer the following questions (Long Questions)**

ఈ క్రింది ప్రశ్నలకు నమాధానములు వ్రాయుము (దీర్ఘ ప్రశ్నలు)

12. a) Describe the scope of Geomorphology  
(భూస్వరూప శాస్త్ర పరిధిని వివరింపుము)

(OR)

b) Describe the Lothian green tetrahedral hypothesis.  
(లోతియన్ గ్రీన్ చతుర్ముఖ సిద్ధాంతాన్ని వివరింపుము)

13. a) Discuss the continental drift theory of Wegener  
(వెజినర్ ఖండచలన సిద్ధాంతాన్ని వివరింపుము)

(OR)

b) Examine the Earth crust and Earth mantle.  
(భూపటలము మరియు భూప్రాణాలాలను గురించి పరిశీలింపుము)

14. a) Explain the classification of volcanoes based on eruption intervals.  
(ఉద్భేదనా విరామాల ఆధారంగా అగ్ని పర్వతాల రకాలను వివరింపుము)


(OR)

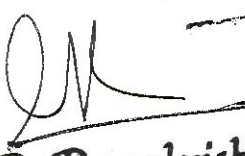
b) Write an account of chemical weathering.  
(రసాయనిక శైలిత్వం గురించి వ్రాయుము)


15. a) Describe the depositional land forms made by Rivers.  
(నదులచే ఏర్పడే నిక్షేపణ భూస్వరూపాలను వివరింపుము)


(OR)

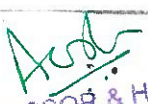
b) Examine the activities of groundwater in Karst topography.  
(కార్స్ట్ స్థలాకృతిలో అంతర్భూమిజలం చర్చలను పరిశీలింపుము)


  
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B.A. I Yr. II Semester End Examination, Model Paper 2015-16  
**GEOGRAPHY**  
**(Climatology & Oceanography)**  
**Paper - II**

Time: 2 ½ Hrs.

Max.Marks: 70

**SECTION - A** (5 x 2= 10)

Answer the following questions (very short questions)

అన్ని ప్రశ్నలకు సమాధానములు వ్రాయండి (అతి స్వల్ప ప్రశ్నలు)

1. Inosphere (ఐనో ఆవరణము)
2. Doldrums (ప్రశాంత మండలము).
3. Mon soons (ఋతుపవనాలు)
4. Relative Humidity (సాపేక్ష సాంద్రత)
5. Tidal Bare (వేలా తరంగం)

**SECTION - B** (4 x 5 = 20)

Answer any FOUR of the following questions (Short Questions)

ఈ క్రింది వానిలో ఏవేని 4 ప్రశ్నలకు సమాధానములు వ్రాయుము (స్వల్ప ప్రశ్నలు)

6. Explain about solar insolation  
(సూర్య పుటమును గూర్చి తెలుపుము)
7. Write about Temperature variations in different layers  
(ఉష్ణోగ్రత విభేదాలను గూర్చి వ్రాయుము)
8. What do you mean by pleasure belts  
(పీడన మేఖల గూర్చి నీకు ఏమి తెలియును)
9. Describe about Tropical cyclones  
(ఆయనరేఖ చక్రవాతాలను గూర్చి విశదీకరింపుము)
10. Explain about ocean salienity  
(సముద్ర లవణీయతను గూర్చి వివరింపుము)
11. Write about oceanic deposits  
(సముద్ర నిక్షేపాలను గూర్చి వ్రాయుము)

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**SECTION-C**

(4 x 10=40)

**III. Answer the following questions (Long Questions)**

ఈ క్రింది ప్రశ్నలకు సమాధానములు వ్రాయుము (బిర్లు ప్రశ్నలు)

12. a) Describe the different layers of Atmospheric structure.  
(వాతావరణ నిర్మాణములోని వివిధ విభజనను గూర్చి వివరించుము)

(OR)

b) Write about Horizontal distribution of temperature.  
(ఉష్ణోగ్రత క్షితిజ సమాంతర విస్తరణను విశ్లేషించుము)

13. a) Describe the planetary wind system of the Earth.  
(ప్రపంచ పవనాల విస్తరణను గూర్చి విశ్లేషించుము)

(OR)

b) Discuss the Distribution of precipitation in region wise.  
(ప్రాంతాల వారీగా అవపాత విస్తరణను వివరించుము)

14. a) Write an account of Continental shelf and its origin.  
(ఖండతీరపు అంచు దాని పుట్టుకను గూర్చి వ్రాయుము)


(OR)

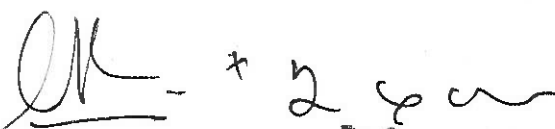
b) Describe about the South Indian oceanic currents.  
(దక్షిణ హిందూ మహాసముద్రాల ప్రవాహాలను గూర్చి వ్రాయుము)

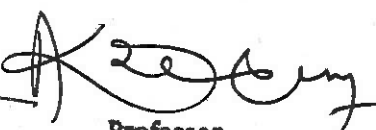
15. a) What are the causes of the occurrences of high tides.  
(వోటు పాటులు ఏర్పడడానికి కారణాలు ఏమి)

(OR)


b) Write about different types of oceanic deposits.  
(వివిధ రకాల సముద్ర నిక్షేపాలను గూర్చి వ్రాయుము)


  
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Faculty of Social Science

B.A. II Yr. III Semester Examination, Model Question Paper - 2015-16

**GEOGRAPHY**  
**(Human Geography)**  
**Paper - III**

Time: 2 ½ Hrs.

Max.Marks: 40

**SECTION - A (5 x 2 = 10)**

Answer the following question (very short questions).

ఈ క్రింది అన్ని ప్రశ్నలకు సమాధానములు వ్రాయుము.

1. Possibilism (పాసిబిలిజిజం)
2. Elements of Nature (ప్రాకృతిక మూలకాలు)
3. Natural Environment (సహజ పరిసరాలు)
4. National Migration (దేశీయ వలసలు)
5. Sedentary settlements. (స్థిర నివాసం)

**SECTION - B (4 x 5 = 20)**

II. Answer any FOUR of the following questions (Short Questions).

ఈ క్రింది వానిలో ఏవేని 4 ప్రశ్నలకు సమాధానములు వ్రాయుము.


6. Cacasoid Race. (కాకసాయిడి జాతి)
7. Define Human Geography. (మానవ భూగోళశాస్త్ర నిర్వచనం)
8. Optimum Population (అభిలషణీయ జనాభ)
9. Demographic Transation (జనాభ పరివర్తన)
10. Seasonial Migration (రుతుక్రమ వలసలు)
11. Indian Cultural Realm. (భారతీయ సంస్కృతిక ప్రాంతం)

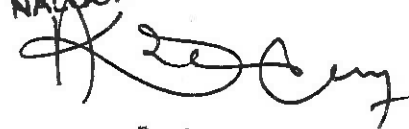
**SECTION - C (4 x 10 = 40)**

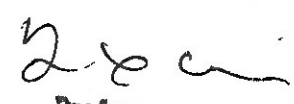
Answer all questions, each answer not more than 300 words.


అన్ని ప్రశ్నలకు సమాధానములు వ్రాయండి. 300 పదములకు మించరాదు.


1. (a) Describe the impact of man on Environment.  
పర్యావరణముపై మానవుని యొక్క ప్రభావం వివరింపుము.  
(OR)  
(b) Write an account on physical Environment?  
భౌతిక పర్యావరణముపై ఒక వాఖ్య వ్రాయుము.
2. (a) Describe the charecteristics of Human races in the world?  
ప్రపంచ మానవ జాతుల బౌతిక లక్షణాలను వివరించుము.  
(OR)  
(b) Describe any two cultural realms of the world?  
ఏవేని రెండు ప్రపంచ సాంస్కృతిక ప్రాంతాలను వివరింపుము.
3. (a) Write a brief note on distribution of world population?  
ప్రపంచ జనాభా విస్తరణ విధానమును వివరింపుము.  
(OR)  
(b) What is demographic transitian and explain its stages?  
జనాభా పరివర్తన అనగానేమి? దాని వివిధ దశలను వివరింపుము.
4. (a) Explain about the causes of Human migration?  
మానవ వలసలకు గల కారణాలను వివరింపుము.  
(OR)  
(b) Define Urban settlements and describe their functions?  
నగర జనపదాలు అనగానేమి? వాటి విధులను గురించి తెలుపుము.

  
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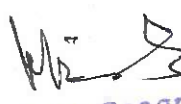
  
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**GEOGRAPHY**  
**(Economic Geography)**  
**Paper - IV**

Time: 2 ½ Hrs.

Max.Marks: 40

**SECTION - A (5 x 2 = 10)**

Answer the following question (very short questions).

ఈ క్రింది అన్ని ప్రశ్నలకు సమాధానములు వ్రాయుము.

1. Economic Geography (ఆర్థిక భూగోళశాస్త్రం)
2. Gold Collar Workers (గ్రోట్ కాలర్ వర్కర్స్)
3. Abiotic Resources (నిర్జీవ వనరులు)
4. Extensive Agriculture (విస్తృత వ్యవసాయం)
5. Industrial Region. (పారిశ్రామిక ప్రాంతం)

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

Answer any 4 questions from the following.

ఈ క్రింది వానిలో ఏవేని 4 ప్రశ్నలకు సమాధానములు వ్రాయుము.

5. Tertiary activities (తృతీయ వృత్తులు)
6. Non - Conventional Energy Resources (సాంప్రదాయేతర ఇంధన వనరులు)
7. Intensive Agriculture. (సాంద్ర వ్యవసాయం)
8. Mica Production in India (భారతదేశంలో మైకా ఉత్పత్తి)
9. Types of Fishes (చేపల రకాలు)
10. Rhur industrial Region. (రూర్ పారిశ్రామిక ప్రాంతం)
11. OPEC Countries (ఓపెక్ దేశాలు)

**SECTION - C (4 x 10 = 40)**

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

అన్ని ప్రశ్నలకు సమాధానములు వ్రాయండి. 300 పదములకు మించరాదు.

12. (a) Define Economic Geography and describe it's objectives?  
ఆర్థిక భూగోళ శాస్త్ర నిర్వచించి, దాని లక్ష్యాలను వివరించండి.  
(OR)  
(b) Describe the different types of Economic activities?  
వివిధ రకాల ఆర్థిక వృత్తులను వివరించుము.
13. (a) Write an account of classification of Resources?  
వనరుల వర్గీకరణను గురించి వివరింపుము.  
(OR)  
(b) Write a brief note on world distribution of Coal ?  
ప్రపంచ బొగ్గు విస్తరణపై ఒక వాఖ్య వ్రాయుము.
14. (a) Describe the Characteristics of plantation agriculture?  
తోట వ్యవసాయ లక్షణాలను వివరింపుము.  
(OR)  
(b) Examine the various types of forests in the world?  
ప్రపంచ ప్రధాన అడవుల రకాలను వివరింపుము.
15. (a) Describe the various factors determines the location of industries?  
పరిశ్రమల స్థాపన ఉనికిని నిర్ణయించే కారకాలను గురించి తెలుపుము.  
(OR)  
(b) Explain the different industrial regions in the world?  
ప్రపంచ ప్రధాన పారిశ్రామిక ప్రాంతాలను తెలుపుము.

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# NAGARJUNA GOVERNMENT COLLEGE (AUTONOMOUS), NALGONDA

## TENTATIVE SCHEME OF EVALUATION

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

Subject: Geography  
Module: V (Indian Geography)  
Time: 2:30 Hours

### PART – A (Very Short Questions)

- I. Answer all the Questions 5 X 2 = 10
1. Location of India
  2. What is meant by Monsoons?
  3. Zimming Agriculture
  4. White Revolution
  5. Define Industrial region

### PART – B (Short Questions)

- II. Answer any Four of the following 4 x 5 = 20  
(At least one Question from each unit)
6. River Godavari
  7. Deciduous Forests
  8. Million plus cities in India
  9. Cropping seasons in India
  10. Mica production in India
  11. Major sea ports in India

### PART – C (Essay type Questions)

- III. Answer the following questions 4 X 10 = 40
12. A) What are the major physiographic divisions of India? Explain any one of them.  
(or)  
B) Write a brief note on Indian monsoon system.
13. A) Examine the population growth in India.  
(or)  
B) Describe the trends of urbanization in India
14. A) Explain the various irrigation sources of India.  
(or)  
B) Discuss the role of Green revolution in Agriculture of India.
15. A) Describe the growth of Iron and Steel industry in india.  
(or)  
B) Write a note an account of Roadways in India

Internal Assessment – 30 Marks

Internal Periodical Test- 20 (Best of Two)


Co-Curricular Activities – 10 Marks


(Assignment-5, Seminar-5)

  
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## TENTATIVE SCHEME OF EVALUATION

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

Subject: Geography  
Module: VI (GIS)  
Time: 2:30 Hours

### PART – A (Very Short Questions)

- I. Answer all the Questions
1. Define GIS
  2. What is meant by Cartography?
  3. Special keys
  4. Data base
  5. What is a buffer?

5 X 2 = 10

### PART – B (Short Questions)

- II. Answer any Four of the following  
(At least one Question from each unit)
6. What are the functions of GIS?
  7. Explain spatial data
  8. Space segment in GPS
  9. Define DBMS
  10. Date medium conversion
  11. Applications of GIS

4 x 5 = 20

### PART – C (Essay type Questions)

III. Answer the following questions

12. A) Bring out the contribution discipline of GIS.  
(or)  
B) What are the various components in GIS? Explain any one of them.
13. A) Explain the process of keyboard entry in GIS data input?  
(or)  
B) Describe the components of GPS.
14. A) Discuss the functions of DBMS in detail.  
(or)  
B) What are the various methods of spatial measurements in GIS data?
15. A) Explain about the GIS network analysis.  
(or)  
B) Describe the steps involved in Digital Terrain Modelling?

4 X 10 = 40

Internal Assessment – 30 Marks

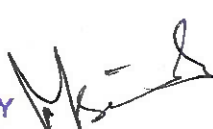
Internal Periodical Test- 20 (Best of Two)

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

  
CHAIRMAN

Board of Studies in Geography  
Univ College of Science  
Osmania University, Hyd-7.

  
PROFESSOR & HEAD  
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OSMANIA UNIVERSITY, HYD-7.  
TELANGANA.

  
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# NAGARJUNA GOVERNMENT COLLEGE (AUTONOMOUS), NALGONDA

## TENTATIVE SCHEME OF EVALUATION

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

Subject: Geography  
Module: VII (Geography of Telangana)  
Time: 2:30 Hours

### PART – A (Very Short Questions)

- I. Answer all the Questions 5 X 2 = 10
1. Location of Telangana
  2. River musu
  3. Urban population in Telangana
  4. What is the rice granary of Telangana
  5. Which is the silk city of Telangana

### PART – B (Short Questions)

- II. Answer any Four of the following 4 x 5 = 20  
(At least one Question from each unit)
6. River manjeera?
  7. Soils in Telangana
  8. Urbanisation in Telangana
  9. Tank irrigation in Telangana
  10. Coal distribution in Telangana
  11. Railways in Telangana

### PART – C (Essay type Questions)

- III. Answer the following questions 4 X 10 = 40
12. A) Explain the major physical divisions of Telangana  
(or)  
B) Describe the monsoon system in Telangana.
  13. A) Examine the population growth in Telangana  
(or)  
B) Write a brief note on distribution of population in telangana
  14. A) Discuss about the major irrigation projects in telangana  
(or)  
B) Describe about the cropping pattern in Telangana
  15. A) Explain the small scale industries in Telangana  
(or)  
B) Write an account of tourism development in Telangana

Internal Assessment – 30 Marks

Internal Periodical Test- 20 (Best of Two)

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




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