

NAGARJUNA GOVERNMENT COLLEGE: NALGONDA
(AUTONOMOUS)
DEPARTMENT OF GEOGRAPHY
Constitution of Board of Studies 2018-19

S.NO	CATEGORY	NAME & DESIGNATION
1	Chairman Board of studies	Dr. Bala Srinivas Assistant Professor of Economics Nagarjuna Govt. College, Nalgonda.
2	University Nominee	Prof. C. Venugopal Rao Head, Department of Geography University College of Science Osmania University, Hyderabad
3	Subject expert from outside the college	Prof. B. Srinagesh CBOS Department of Geography University College of Science Osmania University, Hyderabad
4	Subject expert from outside the college	Dr. Anuradha Assistant Professor 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

Principal
Nagarjuna Govt. College
 (Autonomous) NALGONDA

NAGARJUNA GOVERNMENT COLLEGE: NALGONDA
(Autonomous)
DEPARTMENT OF GEOGRAPHY

BOARD OF STUDIES MEETING 2018-19

Date:

A meeting of the Board of Studies in the Department of Geography, N. G. College Nalgonda is held in the department of Geography, O.U. on 14-09-2018 at 10:30 am and discussed the following agenda and passed the resolutions.

AGENDA:


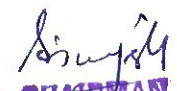
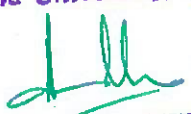


1. To consider and approve the BA II & III year Geography syllabus (III to VI semesters) for the academic year 2018-19.
2. To consider and approve the continuation of internal assessment for the Geography students of I, II & III Year for the academic year 2018-19.
3. To consider and approve the new syllabus for the CBCS and CGPA system for II & III year students for the academic year 2018-19.
4. To consider and approve the external and practical model question papers III to VIII for BA Geography I, II & III year for the year 2018-19.
5. To consider and approve the Syllabus of practical examinations at the end of semesters for II & III year students.
6. To consider and approve the list of examiners for paper setting, evaluation for B.A Geography II & III year for the academic year 2018-19.
7. To discuss any other related academic matters.

The following resolutions have taken in the meeting:

- i) The syllabus and Model question papers for III to VI Semesters for the year 2018-19 have been modified and approved.
- ii) It is agreed and approved to have 100 marks for each paper in which 70 marks for external and 30 marks for internal assessment best one of two (20 M for periodical test + 5 Assignment+ 5 Student seminar) for all Semesters III to VI and 50 marks for each practical examination for III 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 pass end exam one has to get a minimum of 40 % marks (28 marks mandatory in external and on the whole 40 marks) in exam for each paper in both theory and practical papers in all semesters III to VI.

- v) It is approved to conduct semester wise practical exams for II & III year students at the end of each semester.
- vi) It is approved to have a project work for each student in III year at the end of VI semester. Grades can be given to the project reports.
- vii) It is agreed and approved the list of examiners for paper setting for III to VI semesters.

List of Members present in the meeting:

S.No	Name and Designation	Signature
1.	Prof. C. Venugopal rao, Professor and Head Department of Geography UCS, OU, Hyd.	 PROFESSOR & HEAD DEPARTMENT OF GEOGRAPHY OSMANIA UNIVERSITY, HYD-7. TELANGANA.
2.	Prof. B. Srinagesh Chairman Board of Studies Department of Geography UCS, OU, Hyd.	 CHAIRMAN Board of Studies in Geogriaphy Univ College of Science Osmania University, Hyd-7.
3.	Dr. Anuradha Assistant Professor Department of Geography UCS, OU, Hyd	 ASSISTANT PROFESSOR DEPARTMENT OF GEOGRAPHY OSMANIA UNIVERSITY, HYD-7. TELANGANA.
4.	Dr. B. Srinivas Chairman Board of Studies Department of Geography, NG College, Nalgonda	
5.	Sri. M. Vigneshwar Lecturer in Geography NG College, Nalgonda.	

NAGARJUNAGOVERNMENT COLLEGE: NALGONDA (AUTONOMOUS)

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

B. A. II year, Revised Semester wise Syllabus (w. e. f. 2017-18)

Subject: Geography

Semester – III

MODULE-III: HUMAN GEOGRAPHY

Unit-I:

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

Unit-II:

3. Human activities: Primary, Secondary, Tertiary and Quaternary
4. Resources: Classification, Conservation Utilization and Management, Sustainability.

Unit-III:

5. Human Races: Origin, Classification, Characteristics and Distribution, Cultural Realms of the World.
6. Population: World population, Growth and Distribution, Demographic Transition.

Unit-IV:

7. Human Migration: Types, Causes and Consequences of Migration, Indian Diaspora
8. Human Settlements: Forms, Structure, Functions and Patterns, Rural and Urban settlements, Urbanization, Impacts of Urbanization.


Basic Texts

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.

Additional Texts

1. Majid Hussain (1999): Human Geography, Rawat, Jaipur.
2. Ghosh B.N. (1995): Fundamentals of Population Geography, Sterling Publishers, Bangalore.
3. Guha J. L. and Chatoraj P.R. (1978): Economic Geography, World Press, Kolkata.
4. Bhende A.A. & Kanitkar T. (2006): Principles of Population Studies, Himalaya Publishing House, Hyderabad.


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B. A. II year, Revised Practical Syllabus (w. e. f. 2017-18)

Subject: Geography

Semester – III

Practical-III: Maps and Diagrams

1. Diagrams:

- i. One Dimensional: Line Graph, Poly Graph, Bar Graph, Pyramid Graph, Pie Diagram.
- ii. Two Dimensional: Squares and Rectangles.
- iii. Three dimensional: Spheres and Blocks. Climatic Diagrams: Climo Graph, Hyther Graph, Wind Rose.

2. Maps:

- i. Thematic Maps: Class intervals, Choropleth, Isopleth, Dot Maps, Flow Maps.

Basic Texts


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.

Additional Texts

1. Singh R.L. and Dutt P.K. (1968): Elements of Practical Geography, Students Friends, Allahabad.
2. Misra R.P. and Ramesh A. (1989): Fundamentals of Cartography, Concept, New Delhi.


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B. A. II year, Revised Semester wise Syllabus (w. e. f. 2017-18)

Subject: Geography

SEMESTER-IV

MODULE-IV: ECONOMIC GEOGRAPHY

Unit-I:

1. Definition, Approaches and Fundamental Concepts; Patterns of Development.
2. Types of Agriculture: Land use, Cropping Pattern and Production, Location Model of Von Thunen.
3. Livestock: Development and Distribution, Animal Products (Dairying, Meat and Wool).

Unit-II:

4. Fisheries: Major Fishing areas of the World, Production and Trade
5. Forest: Types and Distribution, Forest Products, Wild Life.
6. Minerals: Metallic (Iron Ore, Copper), Non-metallic (Limestone and Mica), Fuel (Coal and Petroleum), Locations and Potentials.

Unit-III:

7. Industry: Locational Factors, Weber's Industrial location theory,
8. Major industries (Iron and Steel, Cotton Textile and Information and Communication Technology Industry.
9. Industrial Regions of the World – changing pattern.

Unit-IV:

10. Transport: Roadways, Railways, Waterways and Airways.
11. Trade: International Trade, Major Imports and Exports, Balance of Trade.
12. WTO and Developing Countries.

Basic Texts

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.

Additional Texts

1. Guha J. L. and Chatoraj P.R. (1978): Economic Geography, World Press, Kolkata.


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B. A. II year, Revised Practical Syllabus (w. e. f. 2017-18)

Subject: Geography

Semester – IV

Practical-IV: Map Projections





1. Constructions and Uses.
2. Conical Projections: One Standard Parallel, Two Standard Parallel.
3. Bonne's Cylindrical Projections: Equal area, Equal distant.
4. Zenithal Projections (Polar cases only): Stereographic, Gnomonic, Zenithal Equidistant and Equal Area.

Basic Texts:

1. Monkhouse F. J. and Wilkinson M. R. (1963): 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.

Additional Texts:

1. Gopal Singh (1996): Map work and Practical Geography, Vikas Publishing, New Delhi.
2. 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. II year, Revised Semester wise Syllabus (New CBCS) (w. e. f. 2018-19)

Subject: Geography

SEMESTER IV

SEC: Surveying Techniques and Cartography

Unit - I

1. Surveying: Chain Survey - Triangulation Method, Open & Closed Traverse.
2. Prismatic Compass Survey: Open & Closed Travers, Intersection method.
3. Plane Table Survey: Intersection method.

Unit - II


4. Maps: Map Scale – Types and Application, Reading Distances on a Map.
5. Representation of Data – Symbols, Dots, Choropleth, Isopleth and Flow Diagrams, Interpretation of Thematic Maps.


Basic Texts:


1. Monkhouse F. J. and Wilkinson M. R. (1963): Maps and Diagrams, Methuen. London.
2. Misra R. P. and Ramesh A. (2015): Fundamentals of Cartography, Concept, New Delhi.
3. Robinson A. H. (1995): Elements of Cartography, John Willey. New York.


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1. 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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B. A. III year, Revised Semester wise Syllabus (New CBCS) (w. e. f. 2018-19)

Subject: Geography

Semester – V

PAPER – V: PRINCIPLES OF 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, framing system and scanning system

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:

- i. Campbell, James,B (1987) Introduction to Remote Sensing, The Guilford Press, New York.
- ii. Curran, P (1985) Principles of remote Sensing, Longman, London.
- iii. Lillisand, T.M. and R.W Kiefer (1997) Remote Sensing and Image Interpretation, John Wiley and Sons, New York.
- iv. 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 (New CBCS) (w. e. f. 2018-19)

Subject: Geography
Semester – V

PRACTICAL -V: REMOTE SENSING LAB


1. Air Photographs and Satellite Imageries: Describing the Marginal Information
2. Air Photo Interpretation: Using Stereoscope, Stereoscopic Vision Test, and Drawing Flight line, Landuse Mapping, Relief and Drainage Mapping.
3. Image Interpretation: Visual Methods, Mapping of Landuse, Land Cover, Drainage Network.


Basic Texts:


- i. Clarke, Keith C. (1999): Getting Started with Geographic Information Systems, Prentice Hall, New Jersey.
- ii. Kang-Tsung-Chang (2003): Geographic Information Systems, Tata Mc Graw Hill, New Delhi.
- iii. Michael F. Goodchild and Karen K. Kemp (1990): Introduction to GIS, National Centre for Geographic Information and Analysis, University of California, Santa Barbara.


Additional Texts:


- i. Anji Reddy M. (2006): A Text Book of Remote Sensing and Geographical Information Systems. B.S. Publications, Hyderabad.
- ii. DeMers Michel N. (1997): Fundamentals of Geographic Information Systems, John Wiley and Sons, New York.
- iii. Lillisand T. M. and R.W. Kiefer (1997): Remote Sensing and Image Interpretation, John Wiley and Sons, New York.


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NAGARJUNA GOVERNMENT COLLEGE: NALGONDA (AUTONOMOUS)

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B. A. III year, Revised Semester wise Syllabus (New CBCS) (w. e. f. 2018-19)

Subject: Geography

Semester – V

MODULE – VI: (A) 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

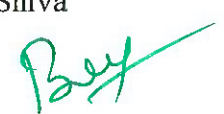
12. Power production: Hydel, Thermal and Atomic
13. Resources: Energy (Coal and Petroleum), Minerals (Iron ore, Manganese, Copper, Mica) – utilization and conservation;
14. Industry – Study of Iron and Steel, Cotton textiles, and Oil refineries, and Industrial regions
15. Transport – Road ways, Railways, 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 (New CBCS) (w. e. f. 2018-19)

Subject: Geography

Semester – V

MODULE – VI: (B) GEOGRAPHY OF TOURISM

UNIT-I:

1. Scope and Nature: Concepts and Issues Tourism
2. Recreation and Leisure Inter-Relations.

UNIT-II:

3. Type of Tourism: Nature Tourism, Cultural Tourism, Medical Tourism, Pilgrimage.
4. Recent Trends of Tourism: International and Regional; Domestic (India)

UNIT-III:


5. Eco-Tourism, Sustainable Tourism,
6. Meetings Incentives Conventions and Exhibitions (MICE)


UNIT-IV:


7. Impact of Tourism: Economy; Environment; Society
8. Tourism in India: Tourism Infrastructure; Case Studies of Himalaya, Desert and Coastal Areas; National Tourism Policy.


Reading List


- i. Dhar, P.N. (2006) International Tourism: Emerging Challenges and Future Prospects. Kanishka, New Delhi.
- ii. Hall, M. and Stephen, P. (2006) Geography of Tourism and Recreation –Environment, Place and Space, Routledge, London.
- iii. Kamra, K. K. and Chand, M. (2007) Basics of Tourism: Theory, Operation and Practise, Kanishka Publishers, Pune.
- iv. Page, S. J. (2011) Tourism Management: An Introduction, Butterworth-Heinemann USA.
- v. Raj, R. and Nigel, D. (2007) Morpeth Religious Tourism and Pilgrimage Festivals Management: An International perspective by, CABI, Cambridge, USA, www.cabi.org.
- vi. Tourism Recreation and Research Journal, Center for Tourism Research and Development, Lucknow
- vii. Singh Jagbir (2014) "Eco-Tourism" Published by - I.K. International Pvt. Ltd. S-25, Green Park Extension, Uphaar Cinema Market, New Delhi, India (www.ikbooks.com).


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B. A. III year, Revised Semester wise Syllabus (New CBCS) (w. e. f. 2018-19)

Subject: Geography


Semester – V


PRACTICAL – VI: SURVEYING


1. Chain Survey: Triangulation Method, Open & Closed Traverse.
2. Prismatic Compass Survey: Open & Closed Travers, Intersection method.
3. Plane Table Survey: Intersection method.


Basic Texts:

- i. Monkhouse F. J. and Wilkinson M. R. (1963): Maps and Diagrams, Methuen, London.
- ii. Misra R. P. and Ramesh A. (1989): Fundamentals of Cartography, Concept, New Delhi.
- iii. Robinson A. H. (1995): Elements of Cartography, John Willey. New York.
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- v. Negi B.S. (1998): Practical Geography, Kedarnath and Ramnath, Meerut.


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B. A. III year, Revised Semester wise Syllabus (New CBCS) (w. e. f. 2018-19)

Subject: Geography

Semester – VI

MODULE – VII: GEOGRAPHICAL INFORMATION SYSTEM (GIS)

UNIT-I:

1. GIS: Definition, Contributing Disciplines and 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 sources of GIS data
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. Surface Modeling
13. Modeling Networks
14. Remote Sensing and GIS: Integration, GIS Applications

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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Subject: Geography


Semester – VI

PRACTICAL – VII: GIS


1. Scale of Measurement: Nominal, Ordinal, Interval, Ratio.
2. Data Mode: Spatial Data (Location: Point, Line, Polygon, Attributes and Temporal), Vector Data Generation, Raster Data Creation, Raster Data Values, Spatial Relations (P to P, P to L, P to A, L to L, L to A, A to A).
3. Data Inputting: Manual, Digitizing and Scanning.
4. Raster and Vector GIS Capabilities: Display, Query, Overlay, Buffering.


Basic Texts:

- i. Clarke, Keith C. (1999): Getting Started with Geographic Information Systems, Prentice Hall, New Jersey.
- ii. Kang-Tsung-Chang (2003): Geographic Information Systems, Tata Mc Graw Hill, New Delhi.
- iii. Michael F. Goodchild and Karen K. Kemp (1990): Introduction to GIS, National Centre for Geographic Information and Analysis, University of California, Santa Barbara.
- iv. Anji Reddy M. (2006): A Text Book of Remote Sensing and Geographical Information Systems. B.S. Publications, Hyderabad.
- v. DeMers Michel N. (1997): Fundamentals of Geographic Information Systems, John Wiley and Sons, New York.
- vi. Lillisand T. M. and R.W. Kiefer (1997): Remote Sensing and Image Interpretation, John Wiley and Sons, New York.

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DEPARTMENT OF GEOGRAPHY
OSMANIA UNIVERSITY, HYD-7, TELANGANA.





NAGARJUNA GOVERNMENT COLLEGE: NALGONDA (AUTONOMOUS)

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

B. A. III year, Revised Semester wise Syllabus (New CBCS) (w. e. f. 2018-19)

Subject: Geography

Semester – VI

MODULE – VIII: (A) 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, Mission Kakatiya
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 Inida and Andhra Pradesh, Hyderabad.
4. Regional Geography of India by Telugu Academy

 CHAIRMAN  ASSISTANT PROFESSOR
PROFESSOR & HEAD of Studies in Geography DEPARTMENT OF GEOGRAPHY
DEPARTMENT OF GEOGRAPHY, Nagarjuna Government College of Science, OSMANIA UNIVERSITY, HYD-7.
OSMANIA UNIVERSITY, HYD-7. TELANGANA. OSMANIA UNIVERSITY, HYD-7.
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Subject: Geography

Semester – VI

MODULE – VIII: (B) POPULATION GEOGRAPHY

UNIT-I:

1. Nature and scope of population geography.
2. World population: growth, causes and consequences; Factors affecting population distribution.

UNIT-II:

3. Migration: types and determinants;
4. Urbanization: trends and pattern.

UNIT-III:


5. Population dynamics: fertility and mortality, age and sex structure; Occupational structure.
6. Demographic transition theory; human resource development: indicators and patterns.


UNIT-IV:


7. INDIA: Population growth; Distribution of population; Density types; Population Problems; Population Policy.
8. Population pressure on resources and Environmental degradation.


Books Recommended


- i. Chandna, R. C. (2006): Geography of Population. Kalyani Publishers, New Delhi.
- ii. Clarke, J.I. (1972): Population Geography. Pergamon Press, Oxford.
- iii. Demko, G.J., Rose, H.M., and Schnell, G.A. (1970): Population Geography: A Reader. McGraw-Hill, New York.
- iv. Garnier, B.J. (1993): Geography of Population. 3rd edition. Longman, London.
- v. Jones, H. R. (1981): A Population Geography. Harper and Row, New York.
- vi. Peters, G. L. and Larkin, R.P. (1983): Population Geography: Problems, Concepts and Prospects. Kendall/Hunt, Dubuque, IA.
- vii. Trewartha, G.T. (1985): A Geography of Population: World Patterns. John Wiley and Sons, New York.
- viii. Zelinsky, W. (1966): A Prologue to Population Geography. Prentice Hall, New Jersey.


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Subject: Geography

Semester – VI


PRACTICAL – VIII: PROJECT WORK (FIELD BASED) AND VIVA


1. Fieldwork methods and techniques.
2. Village/Urban Study: Socio-economic and Physiographic study.
3. Educational Tour: Observations, Measurements, Interviews, data collection, data Analysis, Report Writing.
4. Based on Physiographic study or socio-economic survey, prepare a critical field survey report. Photographs and sketches, in addition to maps and diagrams, may supplement the report.


Books Recommended:


- i. Gregory, S, 1980, Statistical methods and the Geographer, Longman, London.
- ii. Mahmood, A. 1986, Statistical Methods in Geographical Studies, Rajesh Pub., New Delhi.
- iii. Ibrahim, R., 1992, Socio-Economic Profile of Mewat, Radha Publishers, New Delhi.
- iv. Robinson, A.H. 1978, Elements of Cartography, John Wiley, New York.
- v. Raisz, E. 1962. Principles of Cartography, Mc Graw Hill, New York.
- vi. Burt J.E. Barber. G.E. Rigby D.L. (2009), Elementary Statistics for Geographers, Guilford Press, New York.


The students have to visit a landscape/village/town to conduct Physiographic study/ socio-economic survey. Each student will be required to submit a survey report to be evaluated by external and internal examiner.


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B. A. III year, Revised Semester wise Syllabus (New CBCS) (w. e. f. 2018-19)

Subject: Geography

SEMESTER V

SEC: Remote Sensing and GPS

Unit - I


1. Remote Sensing: Definition, Development, Platforms and Types.
2. Satellite Remote Sensing: Principles, EMR Interaction with Atmosphere and Earth Surface; Satellites (Landsat and IRS) and Sensors.


Unit - II


3. Interpretation and Application of Remote Sensing: Land use/ Land Cover.
4. Global Positioning System (GPS) – Principles and Uses


Reading List

1. Campbell J. B., 2007: Introduction to Remote Sensing, Guildford Press.
2. Jensen J. R., 2004: Introductory Digital Image Processing: A Remote Sensing Perspective, Prentice Hall.
3. Joseph, G. 2005: Fundamentals of Remote Sensing, United Press India.
4. Lillesand T. M., Kiefer R. W. and Chipman J. W., 2004: Remote Sensing and Image Interpretation, Wiley. (Wiley Student Edition).
5. Nag P. and Kudra, M., 1998: Digital Remote Sensing, Concept, New Delhi.
6. Rees W. G., 2001: Physical Principles of Remote Sensing, Cambridge University Press.
7. Singh R. B. and Murai S., 1998: Space-informatics for Sustainable Development, Oxford and IBH Pub.
8. Wolf P. R. and Dewitt B. A., 2000: Elements of Photogrammetry: With Applications in GIS, McGraw-Hill.


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NAGARJUNA GOVERNMENT COLLEGE (AUTONOMOUS), NALGONDA
DEPARTMENT OF GEOGRAPHY
List of Panel for Paper Setting and Evaluation- 2017-18

II year

Semester - III

- | | |
|---|------------|
| 1. Prof. C. Venugopal Rao, Department of Geography, UCS, OU, HYD. | 9989064567 |
| 2. Prof. B. Srinagesh, Department of Geography, UCS, OU, HYD | 9849269355 |
| 3. Dr. G. Anand, Department of Geography, UCS, OU, HYD. | 9848256042 |

Semester - IV

- | | |
|--|------------|
| 4. Dr. T. Anuradha, Assit. Professor, Dept. of Geography, UCS, HYD. | 9985010628 |
| 5. Dr. L. Ashok Kumar, Associate Professor, Department of Geography, UCS, OU, HYD. | 9247358736 |
| 6. Dr. G. Anand, Department of Geography, UCS, OU, HYD. | 9848256042 |


III year


Semester - V


- | | |
|---|------------|
| 7. Prof. C. Venugopal Rao, Department of Geography, UCS, OU, HYD. | 9989064567 |
| 8. Dr. T. Anuradha, Assit. Professor, Dept. of Geography, UCS, HYD. | 9985010628 |
| 9. Dr. G. Anand, Department of Geography, UCS, OU, HYD. | 9848256042 |


Semester - VI

- | | |
|--|------------|
| 10. Prof. B. Srinagesh, Department of Geography, UCS, OU, HYD | 9849269355 |
| 11. Dr. T. Anuradha, Assit. Professor, Dept. of Geography, UCS, HYD. | 9985010628 |
| 12. Dr. G. Anand, Department of Geography, UCS, OU, HYD. | 9848256042 |


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TELANGANA.





Faculty of Science
B.A. III Yr. V Semester End Examination
GEOGRAPHY - V (NEW CBCS)

Time: 2 ½ Hrs.

Max.Marks: 70

SECTION - A (5 x 2 = 10)

Answer the following questions.

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

SECTION - B (4 x 5 = 20)

Answer any FOUR of the following questions.

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

SECTION - C (4 x 10 = 40)

Answer the following questions.

12. (a)
(b)

(OR)

- (c)
(d)

13. (a)
(b)

(OR)

- (c)
(d)

14. (a)
(b)

(OR)

- (c)
(d)

15. (a)
(b)

(OR)

- (c)
(d)

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OSMANIA UNIVERSITY, HYD-7.
TELANGANA.

Yr 8

Faculty of Science
B.A. III Yr. V Semester End Examination
GEOGRAPHY - VI (NEW CBCS)

Time: 2 ½ Hrs.

Max.Marks: 70

SECTION - A (5 x 2 = 10)

Answer the following questions.

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

SECTION - B (4 x 5 = 20)

Answer any FOUR of the following questions.

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

SECTION - C (4 x 10 = 40)

Answer the following questions.

12. (a)
(b)

(OR)

- (c)
(d)

13. (a)
(b)

(OR)

- (c)
(d)

14. (a)
(b)

(OR)

- (c)
(d)

15. (a)
(b)

(OR)

- (c)
(d)

Faculty of Science
B.A. III Yr. VI Semester End Examination
GEOGRAPHY - VII (CBCS)

Time: 2 ½ Hrs.

Max.Marks: 70

SECTION - A (5 x 2 = 10)

Answer the following questions.

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

SECTION - B (4 x 5 = 20)

Answer any FOUR of the following questions.

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

SECTION - C (4 x 10 = 40)

Answer the following questions.

12. (a)
(b)

(OR)

- (c)
(d)

13. (a)
(b)

(OR)

- (c)
(d)

14. (a)
(b)

(OR)

- (c)
(d)

15. (a)
(b)

(OR)

- (c)
(d)

Beef

H-8

Faculty of Science
B.A. III Yr. VI Semester End Examination
GEOGRAPHY - VIII (NEW CBCS)

Time: 2 ½ Hrs.

Max.Marks: 70

SECTION - A (5 x 2 = 10)

Answer the following questions.

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

SECTION - B (4 x 5 = 20)

Answer any FOUR of the following questions.

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

SECTION - C (4 x 10 = 40)

Answer the following questions.

12. (a)
(b)

(OR)

- (c)
(d)

13. (a)
(b)

(OR)

- (c)
(d)

14. (a)
(b)

(OR)

- (c)
(d)

15. (a)
(b)

(OR)

- (c)
(d)

PROFESSOR & HEAD
DEPARTMENT OF GEOGRAPHY
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ASSISTANT PROFESSOR
DEPARTMENT OF GEOGRAPHY
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TELANGANA.

Buy

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NAGARJUNA GOVERNMENT COLLEGE: NALGONDA
(Autonomous)
DEPARTMENT OF GEOGRAPHY

BOARD OF STUDIES MEETING 2018-19

Date:

A meeting of the Board of Studies in the Department of Geography, N. G. College Nalgonda is held in the department of Geography, O.U. on _____ at 10:30 am and discussed the following agenda and passed the resolutions.

AGENDA:

1. To consider and approve the BA II & III year Geography syllabus (III to VI semesters) for the academic year 2018-19.
2. To consider and approve the continuation of internal assessment for the Geography students of I, II & III Year for the academic year 2018-19.
3. To consider and approve the new syllabus for the CBCS and CGPA system for II & III year students for the academic year 2018-19.
4. To consider and approve the external and practical model question papers III to VIII for BA Geography I, II & III year for the year 2018-19.
5. To consider and approve the Syllabus of practical examinations at the end of semesters for II & III year students.
6. To consider and approve the list of examiners for paper setting, evaluation for B.A Geography II & III year for the academic year 2018-19.
7. To discuss any other related academic matters.

The following resolutions have taken in the meeting:

- i) The syllabus and Model question papers for III to VI Semesters for the year 2018-19 have been modified and approved.
- ii) It is agreed and approved to have 100 marks for each paper in which 70 marks for external and 30 marks for internal assessment best one of two (20 M for periodical test + 5 Assignment+ 5 Student seminar) for all Semesters III to VI and 50 marks for each practical examination for III 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 pass end exam one has to get a minimum of 40 % marks (28 marks mandatory in external and on the whole 40 marks) in exam for each paper in both theory and practical papers in all semesters III to VI.

- v) It is approved to conduct semester wise practical exams for II & III year students at the end of each semester.
- vi) It is approved to have a project work for each student in III year at the end of VI semester. Grades can be given to the project reports.
- vii) It is agreed and approved the list of examiners for paper setting for III to VI semesters.

List of Members present in the meeting:


S.No Name and Designation

Signature

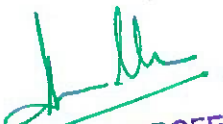
1. Prof. C. Venugopal rao,
Professor and Head
Department of Geography
UCS, OU, Hyd.


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TELANGANA.

2. Prof. B. Srinagesh
Chairman Board of Studies
Department of Geography
UCS, OU, Hyd.


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

3. Dr. Anuradha
Assistant Professor
Department of Geography
UCS, OU, Hyd


ASSISTANT PROFESSOR
DEPARTMENT OF GEOGRAPHY
OSMANIA UNIVERSITY, HYD-7.
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4. Dr. B. Srinivas
Chairman Board of Studies
Department of Geography,
NG College, Nalgonda



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



NAGARJUNA GOVERNMENT COLLEGE: NALGONDA
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ALLOCATION OF CREDITS AT SUBJECT LEVEL

Course: Social Science


Subject: Geography

S.No	Semester / <i>paper</i>	Model (Paper)	Hours Per week	Max. Marks	Credits
1	I (Core)	Elements of Geomorphology	4	100	3
2	Practical	Elements of Mapping and Interpretation	3	50	2
3	II (Core)	Elements of Climatology & Oceanography	4	100	3
4	Practical	Basic Statistics and weather Map	3	50	2
5	III (core)	Human Geography	4	100	3
6	Practical	Maps and Diagrams	3	50	2
7	IV (Core)	Economic Geography	4	100	3
8	Practical	Map Projections	3	50	2
9	SEC	Surveying Techniques and Cartography	<i>2</i>	<i>50</i>	<i>2</i>
10	V (Core)	Remote Sensing	4	100	3
11	Practical	Remote Sensing Lab	3	50	2
12	VI (Elective)	(i) Regional Geography of India (ii) Geography of Tourism	4	100	3
13	Practical	Field Survey Techniques	3	50	2
14	SEC	Remote Sensing and GPS	<i>2</i>	<i>50</i>	<i>2</i>
15	VII (Core)	Geographical Information System	4	100	3
16	Practical	GIS lab	3	50	2
17	VIII (Elective)	(i) Regional Geography of Telangana (ii) Population Geography	4	100	3
18	Practical	Project work (field based) and Viva	3	50	2

HEAD OF THE DEPARTMENT

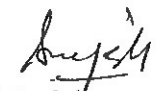
RECEIPT

Received an amount of Rs. 800/- (Rupees Eight Hundred only) from the principal, Nagarjuna Government College, Nalgonda towards sitting allowance for attending the Board of Studies meeting in Geography held on 14/9/2018.....


(Prof. C. Venugopal Rao)
PROFESSOR & HEAD
DEPARTMENT OF GEOGRAPHY
OSMANIA UNIVERSITY, HYD-7.
TELANGANA.

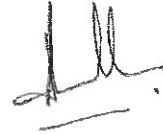
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(Prof. B. Srinagesh)
CHAIRMAN
Board of Studies in Geography
Univ College of Science
Osmania University, Hyd-7

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Dr. T. ANURADHA -
ASSISTANT PROFESSOR
DEPARTMENT OF GEOGRAPHY
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