1. It is resolved to offer one non-core paper in each semester apart from 4 core papers in M.Sc., Geography.

2. It is resolved to approve the syllabus prepared for four non-core papers entitled, Fundamentals of Geography (I Semester), Applied Geography (II Semester), Tools and techniques in Geography (III Semester) and Human Geography (IV Semester) taught by Geography Department to other Departments. And intake of students is 32 for each paper.

3. It is resolved to follow the credit system for core and non-core subjects by assigning 4 Credits to theory, 2 credits to Practical and 2 credits to Viva-voce.

4. Resolved to approve the revised panel of experts for constitution of selection Committee given by the board members. The Chairperson authorized to submit the list to the Vice-Chancellor.

5. It is resolved to approve the list of text books recommended for the reference with each paper of each semester.

6. Resolved to approve the list of paper setters/examiners as there are some omissions and additions.
MINUTES OF BOS IN P.G. GEOGRAPHY MEETING HELD ON 23-07-2010 AT 11.00 A.M., IN THE DEPARTMENT OF GEOGRAPHY, ANDHRA UNIVERSITY

1. It is resolved to approve the revision of the syllabus of Paper GR.102 entitled ‘Economic Geography’. It may be implemented to the 2010-2011 admitted batches.

2. It is resolved to approve the revision of the syllabus of the Paper GR-202 entitled ‘Geographical Thought’, in II Semester. It may be implemented to the 2010-2011 admitted batches.

3. It is resolved to approve the replacement of Paper GR-203 entitled ‘Basic computers and fundamentals of GIS’ with ‘Urban Geography’, in II Semester. It may be implemented to the 2010-2011 admitted batches.

4. It is resolved to approve the revision of the syllabus of the Paper GR-302 entitled ‘Environmental Geography’, in III Semester. It may be implemented to the 2010-2011 admitted batches.

5. It is resolved to approve the replacement of Paper GR.303 entitled ‘Pedology and Hydrology’, in III Semester. It may be implemented to the 2010-2011 admitted batches.

6. It is resolved to approve the replacement of Paper GR.304 entitled ‘Applied Climatology’ with ‘Disaster Management Studies’, in the III Semester. It may be implemented to the 2010-2011 admitted batches.

7. It is resolved to approve the replacement of Paper Gr. 401: ‘Hydrology’ with Gr.401: ‘Agricultural Geography’, in the IV Semester. It may be implemented to the 2010-2011 admitted batches.

8. It is resolved to approve the replacement of Paper Gr. 402: ‘Urban & Regional Planning’ with Gr.402: ‘Regional Planning and Development in India’, in the IV Semester. It may be implemented to the 2010-2011 admitted batches.

9. It is resolved to approve the syllabi prepared for eight papers entitled, Economic Geography (I semester), Geographical Thought (II Semester), Urban Geography (II Semester), ‘Pedology and Hydrology’, (III Semester), ‘Environmental Geography’ (III Semester) Disaster Management studies’ (III Semester), ‘Agricultural Geography’ (IV Semester) and ‘Regional planning and development in India’ (IV Semester).

10. Resolved to approve the revised panel of experts for constitution of selection Committee given by the board members. The Chairperson authorized to submit the list to the Vice-Chancellor.

11. It is resolved to approve the list of text books recommended for the reference with each paper of each semester.

12. Resolved to approve the list of paper setters/ examiners as there are omissions and additions.

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MINUTES OF BOS IN P.G. GEOGRAPHY MEETING HELD ON 23-07-2010 AT 11.00 A.M., IN THE DEPARTMENT OF GEOGRAPHY, ANDHRA UNIVERSITY

Members Present

1. Prof.P.Vijaya Prakash,
   Dept. of Anthropology

2. Prof.K.Nageswara Rao,
   Dept. of Geo-engineering

3. Prof. C. Kasipathi,
   Dept. of Geology

4. Prof.S.S.V.S. Rama Krishna,
   Dept. of Meteorology & Oceanography

5. Dr.P.Prasad Babu,
   Dept. of Computer Sciences

6. Prof.T.V.Krishna,
   Dept. of Geography

7. Dr.P.Suneetha,
   Dept. of Geography

8. Dr.G.V.Narasimha Rao,
   Dept. of Geography

9. Dr. D.Venkata Rao,
    Chairman, BOS (Pass Board)

10. Student representative,
    Dept. of Geography

11. Prof.B.Hema Malini,
    Board of Studies Chairman, Dept. of Geography

(B.HEMA MALINI)
To
The Registrar,
Andhra University,
Visakhapatnam- 530 003

Sir,

Sub: Submission of revised Syllabi in Geography
Ref: Minutes of BOS meeting in Geography on 23-07-2010

I am here by submitting two hard copies and one soft copy of the revised syllabi of the subjects of Geography namely, Economic Geography (GR. 102), Geographical Thought (GR-202), Urban Geography (GR.203), Environmental Geography (GR.302) and Pedology and Hydrology (GR.303), for your Approval. And also kindly approve the syllabai of new subjects namely Disaster management (Gr. 304), Agricultural geography ( GR. 401) and Regional Planning and Development in India (GR. 402) which are introduced.

Thanking you,

Yours faithfully,

(B.HEMA MALINI)
Gr. 102. ECONOMIC GEOGRAPHY
(I Semester)

Unit-I: Scope, and content in economic Geography; relation of economic Geography with other branches of social sciences; Location of economic activities and spatial organization of economics (Primary, secondary and Tertiary)

Unit-II: Factor of location of economic activities: Physical, social, economic and cultural; Concept and techniques of delimitation of agricultural regions; Von Thunen’s model and its validity in the modern World.

Unit-III: Classification of industries; Theories of industrial location-Weber and Losch; Case studies of selected industries: Iron and Steel, Textile etc.

Unit-IV : Transportation and transport cost, accessibility and connectivity; Typology of markets, market networks/systems in rural and urban areas

Unit-V : Economic development of India, Regional disparities, Impact of green Revolution on Indian Economy, Globalization and Indian economy and its Impact on environment.

References
6. Singh, J. and Dhillon, S.S. Agricultural Geography, Mcgraw Hill India, New Delhi, 1984
7. Symons, L., Agricultural Geography, Bell and Sons, London, 1972

Gr. 202. GEOGRAPHICAL THOUGHT
(II Semester)

Unit –I The field of geography; Its place in the classification of sciences; geography as a social science, selected concepts in the philosophy of geography, distributions interactions; aerial differentiation and spatial organization.
Unit- II  Dualisms in geography; systematic and regional geography; physical & human geography. Systematic geography & its relation with systematic sciences and with regional geography. The myth and reality about dualisms. Regional geography: Concept of region. Regionalization and the regional method.

Unit-III  Scientific explanations: routes to scientific explanations (Inductive /Deductive) types explanations; cognitive description; cause & effect; temporal; functional/ecological systems.

Unit-IV  Laws, theories & models, the quantitative revolution, response to positivism, Behaviourism, postmodernism.

Unit-V  Historical development. Contributions of different scholars during ancient medieval and Modern period. Geography in the 20th Century; conceptual and methodological Developments and changing paradigms, status of Indian Geography, Future of geography, task ahead relating to development of Geographic Thought with special reference to changing views on man environment relationship.

References

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GR.203: URBAN GEOGRAPHY
(II Semester)

Unit I: Internal structure of Cities; Concentric Zone theory, Sector theory. Multinuclei theory, City classification - functional classification of Towns.

Unit II: Rural Urban fringe. City Region and Umland Central Business District

Unit III: Primate city distribution and Rank rule size. The Central Functions and Central Place theory

Unit IV: Urban Populations: Slums & squatter settlements. Housing problems. Transport
Traffic congestion problem

Unit V: Environmental problems (Air, Water, Solid waste)

References:

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Gr. 302 ENVIRONMENTAL GEOGRAPHY
(III Semester)


UNIT – II Population growth and environment, carrying capacity of the earth, Land resources and world food security. Human settlements and environment; industrial environment – urban environment. Man’s impact on physical & social environments.


References:
Swarup, R.V., Mishra, S.N., Janchari, V.P. Encyclopedia of ecology, environment and pollution control.
Nag, P., Kumar, V.K. and Singh, J. Geography of Environment.

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Gr.303 . Pedology & Hydrology
(III Semester)

Unit I: Factors and processes of soil formation; Soil profiles; Physical and chemical properties of soil; Classification of soils – zonal, azonal and intrazonal, world patterns

Unit II: Soil erosion and conservation; Soils of India; Sustainable development of soil resources with reference to India

Unit III: Hydrological cycle: Elements of hydrological cycle; Precipitation intensity and duration; Evaporation; infiltration; water balance elements and analysis; flood and drought analyses

Unit IV: Ground water occurrences and types, Movement, Quality and quantity measure; Nature and distribution of ground and surface water distribution in India;

Unit V: Water conservation; Application of Remote sensing in hydrological studies

References
14. Dakshina Murthy, C., et al., Water resources of India and their utilization in agriculture, Indian agricultural Research Institute, New Delhi, 1973

GR. 304. Disaster Management Studies (IV Semester)

1. Definition and Concept of Hazards : Classification of hazards; Climate change causes and implications ; Natural hazards: Earthquakes; volcanicity; landslides, land subsidence and avalanches; forest fires
2. Climatic hazards: Droughts and desertification: drought preparedness and monitoring, floods: flood control and management; Thunderstorms; tornadoes; Cyclones; heat waves, cold waves; hail storms
3. Coastal hazards : Coastal erosion; Storm surges and Tsunamis: Origin, propagation and devastation;
4. Human induced disasters: Urban and industrial disasters : Air pollution; Acid rains; Global warming and ozone depletion; Deforestation; Desertification; siltation; wetland degradation; Epidemics
5. Risk assessment; Disaster preparedness and management for various hazards; Geo-spatial technologies for disaster management; Remote sensing applications in disaster management

References:
REFERENCES:
Majid Hussain: Systematic Agricultural Geography, Rawat publications, New Delhi. 1996
Mandal, R.B.: Land Utilisation, Theory and practical concept, New Delhi 1982

Gr.402. Regional Planning and Development in India
(IV Semester)

Unit – I: Concept of Region Planning in India: Goals and Achievements- Ideology, objectives, challenges and opportunities. The systems approach – Economic regions, Environmental region, Administrative regions, Multi level planning regions.


Inadequacies and modified version of the Growth Pole Hypothesis Planning for Growth foci and emerging problems.

Unit – IV


Unit – V

Planning for Agricultural region. Planning for Industrial region.

References:


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