


Department of Higher Education, Govt. of M.P.
Post Graduate Semester wise Syllabus
as recommended by Central Board of Studies and approved by the Governor
of M.P.

उच्च शिक्षा विभाग, म.प्र. शासन
स्नातकोत्तर कक्षाओं के लिये सेमेस्टर अनुसार पाठ्यक्रम
केंद्रीय अध्ययन मण्डल द्वारा अनुशंसित तथा म.प्र. के राज्यपाल द्वारा अनुमोदित
Session 2016-17

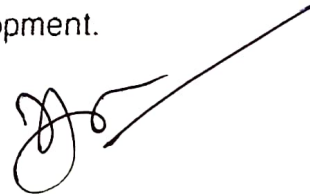
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|---|---|---|
| Class/कक्षा | : | M.A./M.Sc. Geography |
| Semester/सेमेस्टर | : | <u>IV</u> |
| Subject/विषय | : | Geography |
| Title of Subject Group विषय समूह का शीर्षक | : | Geography of Transport यातायात भूगोल |
| Paper No./ प्रश्नपत्र क्रमांक | : | VII |
| Compulsory/अनिवार्य या Optional/ वैकल्पिक अनिवार्य | : | Optional |
| Max. Marks अधिकतम अंक | : | 100 (80+20 CCE) |
| Credit | : | 5 |
| Hours | : | 60 |

Particulars / विवरण

- Unit - I : Nature, scope, significance and development of Transport Geography. Factors associated with the development of transport system: physical, economic, social, cultural, and institutional; economic, technological and regional development and transport development.
- Unit - II : Characteristics and relative significance of different modes of transport: railways, roads, airways and waterways, pipelines etc.
- Unit - III : Structure - Accessibility and Flow models; network structure, graph theoretic measures, measurement of accessibility, models of network change. Linear programming and gravity models, Theories related to freight rate structure, bases of spatial interaction, complementary intervening opportunity and transferability.
- Unit - IV : Patterns of movement : the type, patterns of movement and transport modes, simple model of interaction, transportation network: the functions, pattern of movement, movement geometry, transport development.


R. Shukla


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विश्वविद्यालय



Unit - V Transport policy and planning, transport development in developing countries, urban, transportation; growth and problems of urban transportation, transport and environmental degradation, vehicular pollution and congestion, alternatives to transport system in mega cities of India, National Highway Development and Planning in India

Suggest Readings

1. Chorley R.J. & Haggett P.: Models in Geography Methuen & Co. London. 1967.
2. Hurst, M.E. (ed.): Transportation Geography, McGraw-Hill, 1974.
3. Hagget, F and Chorley, R.J. Network Analysis, Edward Arnold, London, 1968.
4. Hay, A.: Transport Economy, MacMillan, London, 1973.
5. Hoyle, B.S.(ed.): Transport and Development, MacMillan, London, 1973.
6. Raza, M. and Agrawal Y.P.: Transport Geography of India, Concept. New Delhi, 1985.
7. Robinson H & Bamford C.G.: Geography of Transport Macdonald & Evans. London 1978.
8. Taffe, E.J. & Gauthier (Jr.) H.L.: Geography of Transportation, Prentice-Hall, Englewood Cliffs, N.J., 1973.
9. Ullman E.L.: American Commodity Flow University of Washington Press 1957.
10. White H.P. and Senior, M.L. Transport Geography, Longman, London, 1983.

Pedagogy

- The students should familiarize themselves with data sources including maps of transport network and mapping flow data of people and goods (roads and railways) and demarcating tributary areas and major nodes. They should also undertake practical exercises in working out accessibility index, network density and hierarchy, study of transport should be related to regional and locational interaction using maps of market and urban centres and industrial location.

Abey

R. Shukla

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 प्राचार्य
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 [Address]