Topic for Project Work for M.A Semester IV (2018=2020   For EC-02(Elective Paper)

Urban Geography

Synopsis for Project work

Topic :Urban Landuse Survey of part of Patna (Ward No……)

By

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Introduction

Urban landuse is a common term which refers to the spatial distribution of the land under different functions of the city. These functions may be exemplified as residential commercial,retail business or major work areas and in the form of institutional or leisure time functions. Normally   the segregation and aggregation of fuctions are the result of long period of evolution .According to R.L Singh(1964) the influences which a city exerts on the social and economic structure of the areas   helps in the function of landuse pattern. The urban landuse is different from rural landuse. The Indian geographers and Urban planners have recognized residential ,commercial,

administrative, institutional , industrial ,transport and open land categories.

Study Area

The area selected is for the study is the city of Patna,the capital of Bihar.Patna is the administrative,educational and cultural focii of Bihar and is a river side city with the river forming its northern boundary .Geographically it is in south middle Ganga Plain, lying between the mighty Himalayan River Ganga in the north and River Punpun in the south. The city holds a population of 20 lakhs and ward population is 16 lakhs. The city was divided into 37 wards in 1971 and now the ward nos have swelled to 72.

Purpose and scope of the study

Review of literature

A short review of literature helps the researcher to have a better understanding of what and how the reseach should be done,

Objective of the study

1. To study the growth of Patna in phases
2. To study the causes of population increase in Patna
3. To study the present landuse pattern
4. To study the changing landuse pattern

5. To suggest a proposed landuse planning for the area under study

Methodology

Both Secondary and Primary data has to be taken. Secondary **data from libraries, books ,newspaper,journals and internet** sources. **Primary survey** will be undertaken by personal physical survey by the researcher.

Methodology adopted for the selection of area either random sampling or purposive sampling or hierarchical or any methodology which suits the researcher to explain their research work

Statistical tools applied

This is applisd to find out co-relation between two variables if has to be taken out or Standard Deviation if necessary or Z-Score etc..

Problems in sampling of data

The problems faced by the researcher in obtaing the data either in office   level or with respondents should be enumerated .

Chapterisation

Chapter I

Physical and cultural personality -This includes general location of Patna, latitude and longitude area in hectares (Locational map to be given), relief features. climate-temperature and rainfall characteristics (Map) ,transport and communication (Map)

Chapter II

Demographic characteristics - Trend of population growth density, sex ratio, literacy and occupational structure.

Chapter III

Land use

Land use categories in general (Present Landuse Past landuse 2001 and 2011) if possible'otherwise present landuse Study of Residential ,Commercial,Adminstrative, Institutional,Receational,Transport and open spaces of the area and ward selected for study.

Chapter IV

Changing landuse pattern – 2001 and 2011

Chapter V

Proposed landuse

Proposed future landuse by Government and researcher. Planning policies .

Chapter VI

Conclusion and suggestion

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