

GUJARAT TECHNOLOGICAL UNIVERSITY
Syllabus for B. Arch
EIGHTH SEMESTER

SUBJECT NAME – EKISTICS.

SUBJECT CODE – 1085006

FOCUS:

It involves the study of all kinds of human settlements, with a view to geography and ecology - the physical environment — and human psychology and anthropology, and cultural, political, and occasionally aesthetics, organized in five **ekistics elements**: Nature, Anthropos, Society, Shells, and Networks.

CONTENTS:

- Scope, definition and introduction
- Ekistics units: Anthropos (1) to Ecumenopolis – 50,000 million
- Details of history and extent of human settlements, quality of human settlements
- 5 elements of Ekistics – Nature, Anthropos, Society, Shells and Networks
- The ekistics study will be conducted to analyze and understand human settlements in details in the following manner:
- Physical factors- such as buildings used for housing, community services, commerce and recreation.
- Activity pattern- means the various socio-economic and cultural activities which form the basic functions of the core
- Traffic factor- study of movement and transportation facilities which connect activities and spaces
- Aesthetic factors- include the visual aspects perceived by human sensory systems. Study of certain features like color, form, smell and noise, sense of motion and visual contrast.

SUGGESTED BOOKS

1 Ekistics: an introduction to the science of human settlements, Konstantinos Apostolou Doxiades, Oxford

University Press, 1968

1 Ekistics 1969, 312 (Nov. 1969) by W.A. Howard,

1 Emergence and Growth of an Urban Region, Vol.1, Analysis (1966); Vol. 2, Future Alternatives

(1967); Vol. 3, A by C.A. Doxiadis,

1 Concept for Future Development (1970) (Detroit Edison Co., Detroit)

1 past journals “Ekistics” published by Ekistic Institute, Athens, Greece