



## GUJARAT TECHNOLOGICAL UNIVERSITY

### Syllabus for Diploma of Vocation (D.Voc), 4<sup>th</sup> Semester

**Branch: Architecture Assistantship**

**Subject Name: Ekistics**

**Subject Code: 1240606**

**Type of course: Core**

**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.

#### Teaching and Examination Scheme:

Teaching Scheme			Credit	Examination Marks				Total Marks
L	T	P		Theory Marks		Practical Marks		
			ESE (E)	PA (M)	ESE (V)	PA (I)		
0	0	2	2	0	0	30	20	50

L- Lectures; T- Tutorial/Teacher Guided Student Activity; P- Practical; C- Credit; ESE- End Semester Examination; PA- Progressive Assessment

#### Content:

Sr. No.	Contents:	Teaching Hour
<b>1</b>	Scope, definition, and introduction	<b>3</b>
<b>2</b>	Ekistics units: Anthropos (1) to Ecumenopolis – 50,000 million	<b>3</b>
<b>3</b>	Details of history and extent of human settlements, quality of human settlements	<b>4</b>
<b>4</b>	5 elements of ekistics – nature, Anthropos, society, shells and networks	<b>5</b>
<b>5</b>	The ekistics study will be conducted to analyze and understand human settlements in detail in the Following manner: <ol style="list-style-type: none"> <li>1. physical factors- such as buildings used for housing, community services, commerce, and Recreation.</li> <li>2. activity pattern- means the various socio-economic and cultural activities which form the Basic functions of the core</li> <li>3. traffic factor- study of movement and transportation facilities which connect activities and Spaces</li> <li>4. 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.</li> </ol>	<b>13</b>
<b>Total</b>		<b>28</b>

#### Projects:

Study and documentation of human settlements with respect to various factors that influenced the planning.

#### Method:

Discussions and presentation different stages.

#### Course Outcomes:

Sr. No.	CO Statement	Marks % weightage
<b>1</b>	To understand meaning of Ekistics and its scope	<b>20</b>



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<b>2</b>	To learn Details of history and extent of human settlements, quality of human settlements	<b>20</b>
<b>3</b>	To understand 5 elements of ekistics – nature, Anthropolos, society, shells and networks	<b>20</b>
<b>4</b>	To understand human settlements in detail in the Following manner: 1. physical factors 2. activity pattern 3. traffic factor 4. aesthetic factors	<b>40</b>