Faculty of Physical Planning and Architecture

SYLLABUS

FOR

INTERDISCIPLINARY COURSE IN ARCHITECTURE (PG)

Examinations: 2019-20

GURU NANAK DEV UNIVERSITY
AMRITSAR

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# Scheme

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Semester</th>
<th>Credits</th>
<th>L</th>
<th>T</th>
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<th>Duration of Exam</th>
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<tr>
<td>ARL-051</td>
<td>Socio Economic Aspects of Urban Environment</td>
<td>Autumn</td>
<td>3</td>
<td>1</td>
<td>0</td>
<td></td>
<td>3 hrs</td>
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<tr>
<td>ARL-052</td>
<td>Understanding the City Form</td>
<td>Spring</td>
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<td>1</td>
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(Interdisciplinary-Autumn Semester)

Course Code: ARL 051
Course Title: Socio Economic Aspects of Urban Environment

Duration of Examination: 03 Hrs
Credits: 04 (L=03, T=1, U=0)

Time: 3Hrs.

Total Marks: 100
Mid Semester Examination: 20% weightage (Marks:20)
End Semester Examination: 80 % weightage (Marks: 80)

Instructions for the Paper Setters:
Eight questions of equal marks (Specified in the syllabus) are to be set, two in each of the four Sections (A-D). Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each Section. The fifth question may be attempted from any Section.

Objective: The Objective of the course is to understand the relationship of Urban Design with Socio-Economic aspects of a City.

Course Contents:

SECTION-A
Relationship of Man and Environment, Understanding the Socio-Economic aspects, Traditional patterns and trends of change in Indian society, Concept of social structure, culture and social institutions

SECTION-B
Relation between social structure and spatial structure, Social aspects of housing, Social problems of slums, An area level study of a settlement with reference to socio-economic aspects, methods to prepare survey formats for socio-economic aspects

SECTION-C
Economic resource, Typology of goods, Production economics, Process, laws, product and costs,

SECTION-D
Economics of scale, external economics, valuation, typology of markets, land and real estate market, macro – economic concepts, Basic economic analysis, economic principles and land use, land use pattern and land values.
Suggested Readings:
(Interdisciplinary-Spring Semester)

Course Code: ARL 052
Course Title: Understanding The City Form
Duration of Examination: 03 Hrs
Credits: 04 (L=03, T=1, U=0)

Time: 3Hrs.

Total Marks: 100
Mid Semester Examination: 20% weightage (Marks:20)
End Semester Examination: 80 % weightage (Marks: 80)

Instructions for the Paper Setters:
Eight questions of equal marks (Specified in the syllabus) are to be set, two in each of the four Sections (A-D). Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each Section. The fifth question may be attempted from any Section.

Objective: The Objective of the course is to understand the fundamentals of urban design and its significance in shaping a better livable city

SECTION-A
Introduction to Urban Design theory, Importance of Urban Design and its Role in shaping the image of a city, Principles of Urban Design, Scope and Objectives of urban design

SECTION-B
Elements of urban design, Elements of City Image, Urban Design as an inter-disciplinary profession that unites Architecture, Urban Planning and Landscape Architecture.

SECTION-C
Concept of City Planning, Traditional City and Modern City, Historic Background and Evolution of Indian City, Case Study of Chandigarh and Amritsar, City forms in the Western nation, Factors affecting city form, Building typology and its impact on urban forms, The impact of climate and land form on urban form.

SECTION-D
Introduction to Conservation, Ethics of Conservation, Degree of Intervention, The role of conservation and relevance of historic buildings and areas in present context
Suggested Readings:
