



# ARYABHATTA KNOWLEDGE UNIVERSITY

Chanakya National Law University Campus, Near Bus Stand, Mithapur, Patna - 800 001

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## Notification

Syllabus of Urban Planning Course as an elective paper in Civil Engineering with 03 credit and L-T-P as 3-0-0, approved by Academic Council in its 12<sup>th</sup> meeting held on 06.04.2017 is hereby notified.

By order of the Vice-Chancellor

Sd. /-

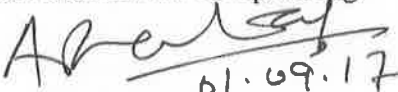
Registrar

Aryabhatta Knowledge University, Patna

Memo no. : 012/Acad/08-01/AKU/2015(Vol-II)-3749

Date :01.09.2017

Copy to: (i) PA to the Vice-Chancellor, (ii) Pro Vice-Chancellor's Office, (iii) The Dean of Engineering AKU, Patna, (iv) Registrar's Office, (v) Controller of Examinations, (vi) To all Engineering Colleges Affiliated to AKU, Patna and (vii) Shri Vishal Ratan Kumar for uploading on University website.

  
01.09.17

Registrar

Aryabhatta Knowledge University, Patna



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ARYABHATTA KNOWLEDGE UNIVERSITY, PATNA

1. Course Title: Urban Planning

2. Contact Hours: L: 3 T: 0 P: 2

3. Examination Duration (Hours)- Theory:  Practical:

4. Credits

5. Objective: To familiarize the students with urban planning frameworks, process, techniques and standards.

6. Details of Course:

S. No	Contents	Contact Hours
1	<b>Introduction:</b> Need and objectives of planning; evolution of town planning; Urban settlements as planning units; Characteristics of settlements and surveys; Types of plans, planning process	6
2	<b>Problems and issues of urban areas:</b> Identification of planning problems of land use distribution and change, communication system, overcrowding, slums, sporadic growth and conurbation.	8
3	<b>Planning framework and process for various development plans:</b> Planning process, components and techniques; Concept of master plan, its elements, preparation and implementation; Perspective plans, structure plans, advocacy plans, zonal plans; Participatory and inclusive planning	12
4	<b>Planning standards:</b> Development controls; Formulation of planning standards for land use, density, road, and various community facilities at the local and town level; Development control rules and regulations and its relation to architecture	10
5	<b>Planning legislation:</b> Legislation as tools of plan implementation and development, Review of planning legislation in India, complaints and redress mechanism	6
<b>Total</b>		<b>42</b>

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7. Suggested Books:

S. No	Name of Authors/Book/Publisher	Year of Publication
1	Gupta. V, "Energy and Habitat: Town planning and Building design for Energy Conservation", Wiley Eastern	1984
2	Rangwala. S.C, "Town Planning", Charotar Publishing House	1989
3	Eleanor. S.M, "British Town Planning and Urban Design: Principles and Policies", Longman	1997
4	Randall. A, "Crossroads, Hamlet, Village, Town: Design Characteristics of Traditional Neighbourhoods, Old and New", American Planning Association	2004
5	"UDPI Guidelines: Volumes I & II" Institute of Town Planners of India	1996
6	Latest Master Plans of Delhi, Mumbai and other important cities	-
7	City development plans prepared for JNNURM (Jawaharlal Nehru National Urban Renewal Mission)	-

July 18 2012

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