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**SECOND-YEAR OF MASTER OF ARTS  
MAJOR GEOGRAPHY REVISED SYLLABUS  
ACCORDING TO CBCS NEP2020**

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**COURSE TITLE: TOOLS AND TECHNIQUES IN URBAN  
GEOGRAPHY SEMESTER-III, W.E.F. 2024-2025**

**RECOMMENDED BY THE BOARD OF STUDIES IN GEOGRAPHY  
AND**

**APPROVED BY THE ACADEMIC COUNCIL**

**DevrukhShikshanPrasarakMandal's**

**Nya. TatyasahebAthalye Arts, Ved. S. R. Sapre Commerce, and  
Vid. DadasahebPitre Science College (Autonomous), Devrukh.  
Tal Sangmeshwar Dist Ratnagiri-415804 Maharashtra India**

Academic Council Item No: 03

Name of the Implementing Institute	:	Nya. TatyasahebAthalye Arts, Ved. S. R. Sapre Commerce, and Vid. DadasahebPitre Science College (Autonomous), Devrukh. Tal.Sangmeshwar, Dist. Ratnagiri-415804,
Name of the Parent University	:	University of Mumbai
Name of the Programme	:	Master of Arts
Name of the Department	:	Geography
Name of the Class	:	Second Year
Semester	:	Third
No. of Credits	:	02
Title of the Course	:	Tools and techniques in Urban geography
Course Code	:	A605GET
Name of the Vertical in adherence to NEP 2020	:	Major and Minor
Eligibility for Admission	:	-
Passing Marks	:	40%
Mode of Assessment	:	Formative and Summative
Level	:	PG
The pattern of Marks Distribution for TE and CIA	:	60:40
Status	:	NEP-CBCS
To be implemented from the Academic Year	:	2024-2025
Ordinances/Regulations (if any)		

## Syllabus for Second Year of Bachelor of Arts in Geography

(With effect from the academic year 2024-2025)

**SEMESTER-III**

**Paper No.–VI-P**

**Course Title: Tools and Techniques in**

**Urban Geography**

**No. of Credits - 02**

**Type of Vertical: Major and Minor**

**COURSE CODE: A606GEP**

### Learning Outcomes Based on BLOOM's Taxonomy:

After completing the course, the learner will be able to...

Course Learning Outcome No.	Blooms Taxonomy	Course Learning Outcome
CLO-01	Remember	Remember the tools and techniques for urban morphology analysis.
CLO-02	Understand	Understand the principles of the tools and techniques for urban studies.
CLO-03	Apply	Apply the tools and techniques for urban morphology analysis.
CLO-04	Analyze	Analyze the land use and land cover using GIS.
CLO-05	Evaluate	Evaluate the applications of traditional techniques and GIS for urban studies.
CLO-06	Create	Create urban land use and land cover map.

## Syllabus for Second Year of Master of Arts in Geography

(With effect from the academic year 2024-2025)

**SEMESTER-III**

**Paper No.–VI (B)**

**Course Title: Tools and Techniques in Urban Geography**

**No. of Credits - 02**

**Type of Vertical: Major Elective**

**COURSE CODE:**

**A605GEP**

<b>COURSE CONTENT</b>			
<b>Module No.</b>	<b>Content</b>	<b>Credits</b>	<b>No. of Lectures</b>
1	<p><b>Traditional Techniques for Urban Studies:</b></p> <ul style="list-style-type: none"> <li>○ Functional Classification of Cities</li> <li>○ Delimitation of CBD: Height Index and Intensity Ratio</li> <li>○ The Gravity Model</li> <li>○ The Law of Retail Gravitation</li> <li>○ The Breaking Point Theory</li> <li>○ Huff’s Model</li> <li>○ Degree of Primacy</li> <li>○ Rank size rule</li> </ul>	01	30
2	<p><b>Use of GIS and Remote Sensing Technology for Urban Studies</b></p> <ul style="list-style-type: none"> <li>○ Land use and land cover analysis in GIS</li> <li>○ Site Suitability Analysis in GIS</li> <li>○ Analysis of Urban Problems: A Case Study</li> </ul>	01	30
	<b>Total</b>	<b>0</b>	

### **Required Previous Knowledge**

No previous Knowledge is necessary to learn the course.

### **Access to the Course**

The course is available for all the students admitted for Master of Arts.

### **Methods of Assessment:**

Vocational skill Courses, Skill Enhancement Courses and courses having laboratory sessions shall be assessed at the end of each semester.

### **Grading Scale**

The grading scale used is O to F. Grade O is the highest passing grade on the grading scale, and grade F is a fail. The Board of Examinations of the college reserves the right to change the grading scale.

### **Reference Books**