

Consultancy on Carrying Capacity Studies (2025–26)

Designing Pathways for Sustainable Urban Futures for Viksit Bharat

Building on its expertise in ecological assessment and sustainability planning, CISMHE has undertaken consultancy projects during 2025–26 focusing on carrying capacity studies for rapidly urbanizing regions, aimed at informing the design of sustainable and resilient cities.

These studies have been conducted for key urban centres, including Ghaziabad, Aligarh, and Mathura, addressing the growing need to balance urban expansion with environmental limits. The projects focus on evaluating the ecological thresholds and resource capacities of urban systems to guide evidence-based planning.

The consultancy framework integrates:

- assessment of air, water, and land resource pressures
- evaluation of waste generation and environmental load
- analysis of infrastructure–environment interactions
- development of sustainability indicators for urban planning

By applying a carrying capacity approach, these studies provide critical inputs for policy formulation, urban governance, and sustainable infrastructure development, ensuring that growth trajectories remain within ecological limits.

Through its consultancy and policy guidance initiatives, CISMHE, University of Delhi, is contributing significantly to the national vision of Viksit Bharat @ 2047 by embedding ecological wisdom, scientific rigour, and sustainability principles into development planning.

Its work reflects a distinctive model where traditional ecological understanding, advanced scientific tools, and policy relevance converge, positioning the Centre as a key knowledge partner in shaping environmentally responsible and future-ready development pathways for Viksit Bharat@2047.