

€ TRAINING

Urban Planning and Design





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Introduction:

This training program is designed to provide participants with a comprehensive understanding of urban planning principles and practices. It equips them with the knowledge and skills necessary to address contemporary urban challenges and contribute to the creation of sustainable, livable communities.

Program Objectives:

At the end of this program, participants will be able to:

- Understand the principles and concepts of urban planning and design.
- Identify key issues and challenges facing urban areas.
- Develop strategies for sustainable urban development.
- Apply urban planning principles to real-world scenarios.
- Collaborate effectively with stakeholders to achieve urban planning goals.

Targeted Audience:

- Urban planners and designers.
- Architects and engineers.
- Government officials and policymakers.
- Environmentalists and sustainability advocates.

Program Outline:

Unit 1:

Introduction to Urban Planning:

- Overview of urban planning principles and practices.
- Historical development of cities and urban areas.
- Key concepts in urban planning zoning, land use, transportation.
- Role of urban planners in shaping the built environment.

Unit 2:

Land Use Planning and Zoning:

- Principles of land use planning.
- Zoning regulations and land use controls.
- Mixed-use development and smart growth strategies.
- Case studies of successful land use planning initiatives.

Unit 3:

Transportation Planning and Mobility:

- Challenges and opportunities in transportation planning.
- Sustainable transportation options public transit, walking, cycling.
- Transit-oriented development and complete streets.
- Integrating transportation and land use planning.

Unit 4:

Environmental Planning and Sustainability:

- Principles of environmental planning.
- Green infrastructure and sustainable design.
- Climate change mitigation and adaptation strategies.
- Urban Ecology and Biodiversity Conservation.

Unit 5:

Community Engagement and Stakeholder Participation:

- Understanding the importance of community engagement in urban planning processes.
- Strategies for fostering inclusive and participatory decision-making.
- Tools and techniques for soliciting input from diverse stakeholders.
- Case studies highlighting successful community engagement initiatives in urban planning.



- Incorporating feedback and insights from stakeholders into planning and decision-making processes.