##### Kolkata; Urban Design

UD Program by Urban Design Studio, 9TH semester. The city of Kolkata situated in eastern part of India was selected for the study. before attempting design primary and secondary data’s were collected through surveys and literature studies, along with on-site documentation making sure the analysis of collected data/resources ultimately lead to urban intervention.

Objectives –

Study and understand demographic and socio- economic dimensions, infrastructure requirements and provisions of urban areas

To understand how to create architecture which fits into a specific urban context or how to influence/regulate the urban environment through a systematic approach?

To understand the requirements while dealing with larger areas for campus/master planning projects

Structural stability of the roof is ensured within the principles of geodesic domes. The fragmental state of the geodesic dome is employed in the design and altered to fit the form required. Each Unit of the geodesic dome is similar to the scales of the mermaids fin, forming similar tessellating patterns. These Two aspects have been Combined and effectively utilized to form a structurally stable and aesthetically admirable canopy.

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**Program**: Academic project

**Location**: Kerala, India

**Year**: 2016