Mermaid Roof

The Concept of the roof derives from the mythical character of mermaids. Shiny scales that reflect light away are synonymous to the heat reflective glass used. The soft curves of the roof and its flexible nature are like that of the mermaid, aesthetically pleasing and functionally flexible.

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