

Nellore, Andhra Pradesh, India.

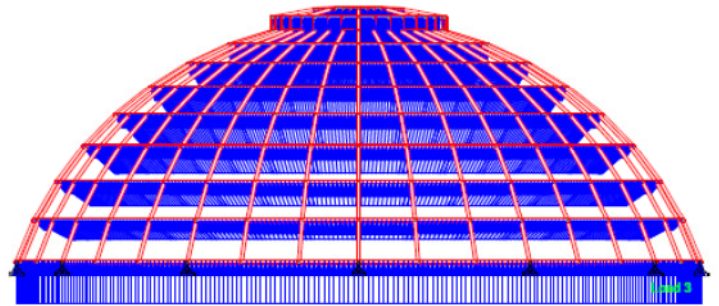
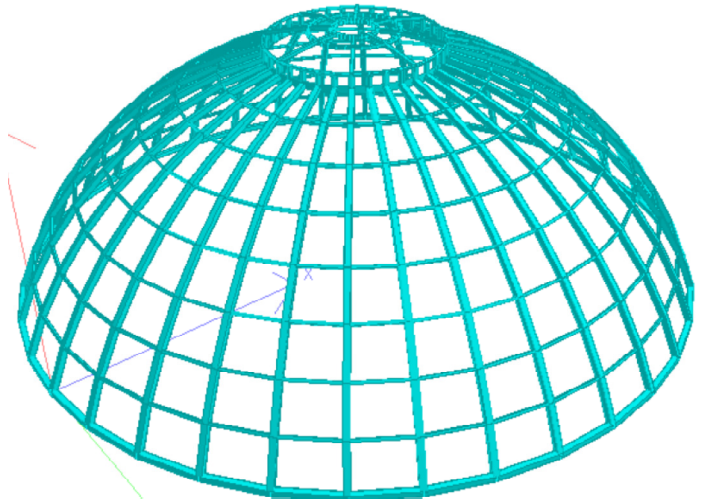
Dome Structure for NIMH Building



Scope of work includes Structural Design checking of Dome for Central Atrium of NIMH Building.

Dome is of 14.2m dia x 5m height made of Structural steel sections supported over RCC Ring beam at Terrace level. Checked for appropriate load combinations for maintenance live load and wind uplift to withstand coastal winds apart from the Dome self weight.

Typical rafter size is 113 square tube and purlin is 50 square tube. It is covered with Polycarbonate sheet to function as Skylight.



Date: 2018

Client: Sharma Engineering / NIMH, Govt.of India

Type: Steel Structure

Responsibilities: Structural Designs & Drawings.