

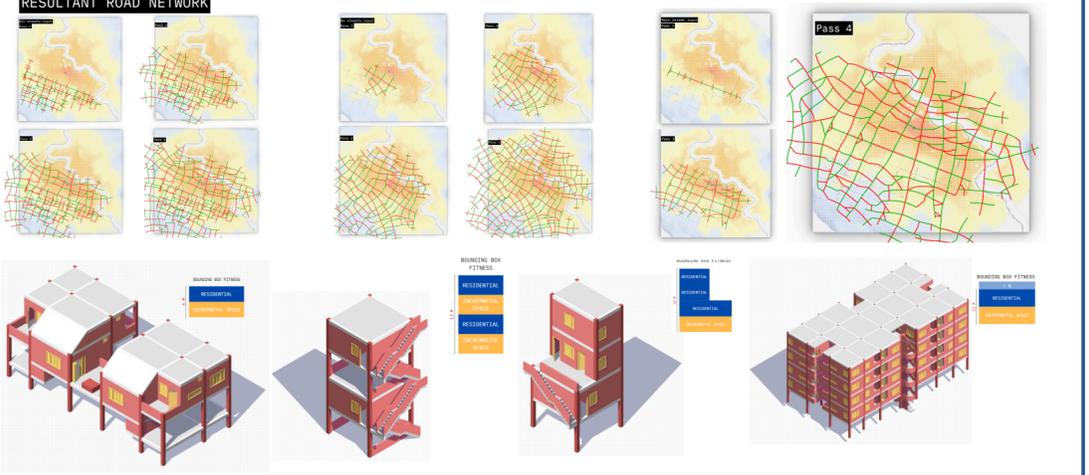
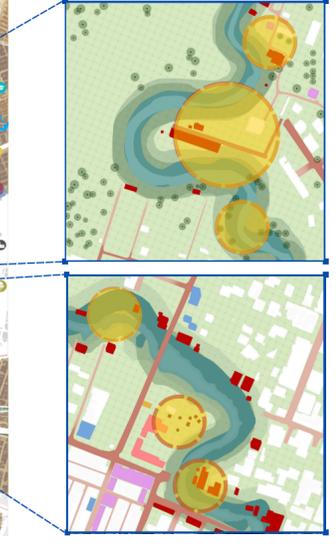
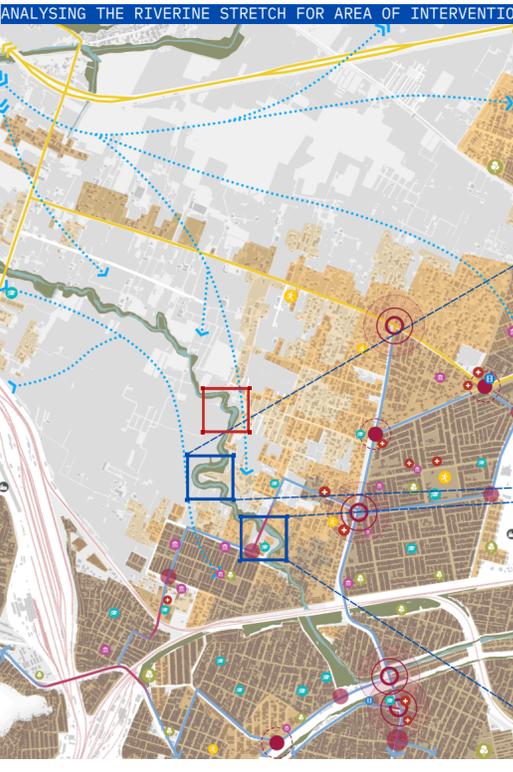
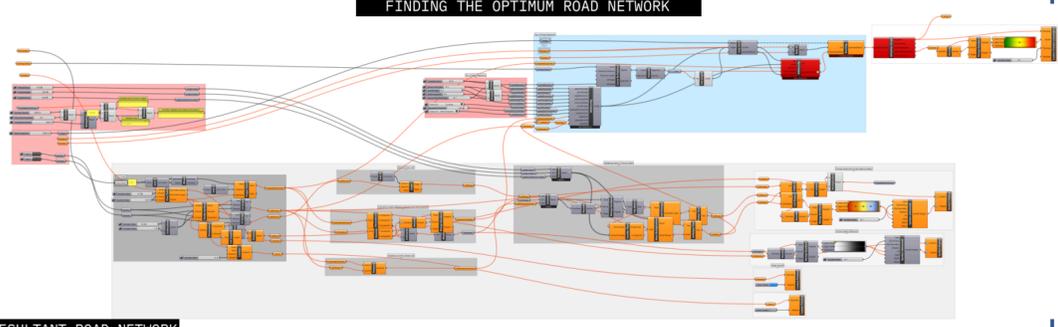
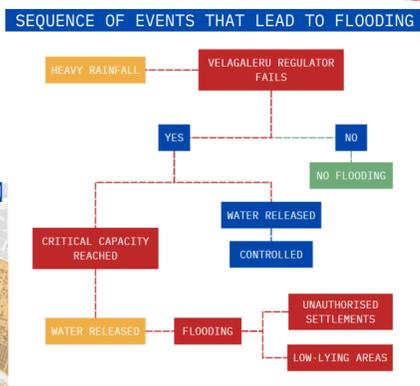
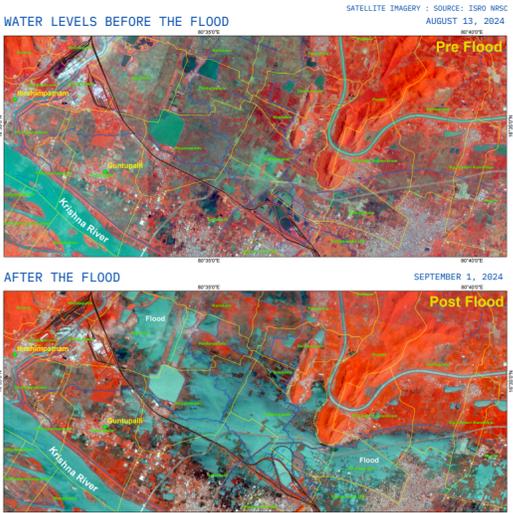
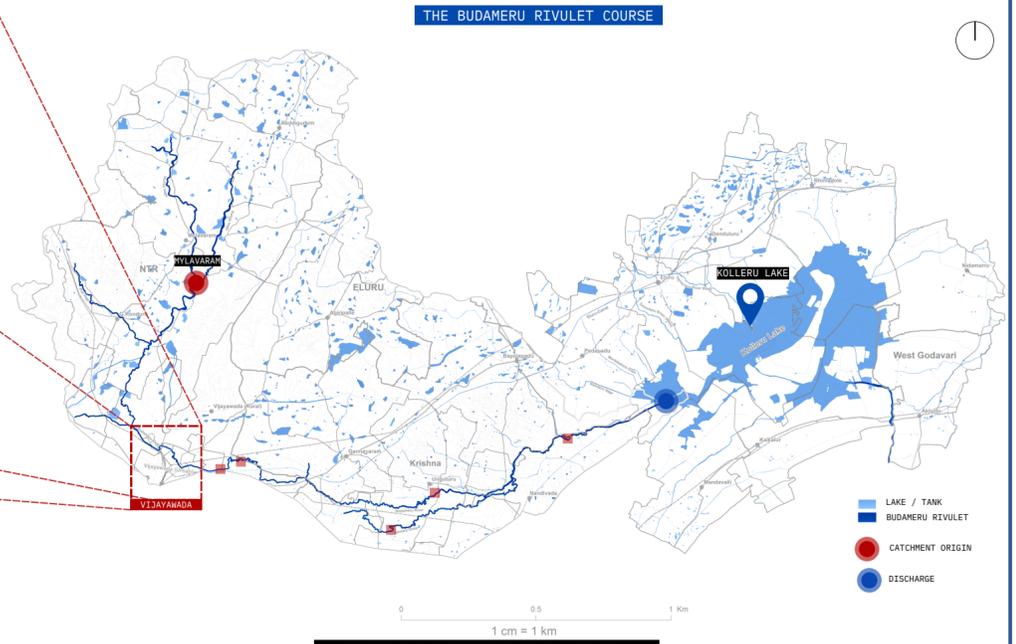
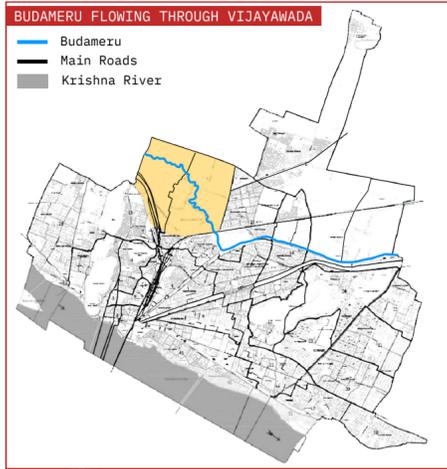
Student Thesis Competition (STC) Season 5 on "Re-imagining Urban Rivers"

Resilient Waterfront Urbanism :
Redesigning an Urban Block for Flood Adaptive living and Crisis Interdependence

Student Name : **Maheedhar Sai K.**
Course Discipline : **Bachelor of Architecture**

River : Budameru
Population : 1.2 Million
Location : Vijayawada
River Basin : Krishna Basin
Discharge : Kolleru Lake

Site Area : 24 Acres
River stretch studied : ~ 3 KM
Micro-Catchment : 165 KM²
Micro-Catchment : 165 KM²



HIERARCHY OF FLOOD DEFENCE STRATEGIES PROPOSED BASED ON WATER LEVEL PROGRESSION

