

## Department of Architecture, College of Engineering Trivandrum.

M. Arch ( Environmental Design)- Dissertation

BATCH 2020-2022

DISSERTATION TOPICS			
SI No	STUDENT	GUIDE	TOPIC
1	Abdul Azeem	Dr. Sunil Edward	FORMULATING GUIDELINES FOR ACHIEVING NET-ZERO ENERGY OFFICE BUILDINGS IN WARM -HUMID CLIMATE OF TRIVANDRUM
2	Amal Mohamed Ali	Dr. Sunil Edward	Sustainable alternatives for urban sanitation developing a resource oriented sanitation module for urban house holds
3	Angel Varghese	Ar. Liza	Ecological Susceptibility Assessment for Lake System : A case of Akkulam Lake, Kerala.
4	Ann Mariya Jose	Ar. Liza	Assessment of light pollution in Urban areas and Guide line formulation: A case study in Kerala
5	Anupama VJ	Dr. Manju G Nair	Proposing a model to analyse public acceptance level when introducing a waste management facility using artificial intelligence- case example of Akkulam region
6	Athira P	Dr. Manju G Nair	Analysing ecosystem service value changes pertaining to land use change on wetland ecosystems of urban areas in warm humid climate; case example of Akkulam
7	Fahmida Sherin P M	Ar. Ashfina	Analysis of quality of life - social cohesion and environmental factors, in social housing
8	Govind Dev	Ar. Aysya	Dynamic facade control systems for optimal daylighting, a case of Kerala.
9	Induja	Ar. Aysya	Carbon sequestration by Mangrove- wetlands to offset CO2 emissions from household sectors.
10	Noufira Mumthas u t	Ar. Sushanth	Optimization of classroom design for improved comfort - Warm and Humid climate
11	Ujwal J M	Ar. Roshni K V	Analyzing thermal performance and cost-effectiveness of roofs. An investigation on urban residential buildings of kerala.
12	Vaisakh R	Ar. Sushanth	Local Climate Zones and Built form response - A case of Warm and Humid Climate