



THE TECHNOCRACY
STUDENTS' TECHNICAL COMMITTEE, NIT RAIPUR

AAVARTAN'22-23



VIGYAAN
DEPARTMENT OF ARCHITECTURE

PROBLEM STATEMENTS

ARCH01.

To design an Aanganwadi (earlier primary child care centers, now usually used as community spaces) that responds to the social and physical context of the chosen site.

ARCH02.

To design humane architectural built form a toy store in the contours of Chundwara hills, Rajasthan. The design should be in harmony with the natural elements of the site.

ARCH03.

Design a farmer's market- promoting a platform for where farmer's provide products to visitors along with other supporting functions. The focus should be on the execution of the idea and how the design is essentially sum of it's details.

ARCH04.

To design an Interactive Public Bench as they are naturally a part of public spaces like parks. The objective of this design should enable interaction between people in the public space.

ARCH05.

After natural disasters many people become homeless, it is very crucial to provide sturdy temporary shelters. Design a post disaster temporary shelter that can handle complex structures.

ARCH06.

Universal design principles, demand that everything from products to the built environment be usable to the greatest extent possible by everyone, regardless of their age or ability. Using such concepts design Cubicles for people with locomotor disability

ARCH07.

In warm dry environments overabundance sun powered gain might bring about high cooling energy utilization and indoor uneasiness. Design a commercial building based on the concept of Kinetic facade for reducing solar heat gain.

ARCH08.

To design walk-in and drive-through rapid antigen test (RAT) kiosks in urban areas so as to facilitate the public and to ensure timely detection and isolation.

ARCH09.

To design a Low cost modular shelter for construction laborers