

Federal University of Technology, Minna.
School of Environmental Technology
Department of Architecture

FIRST SEMESTER 2015/2016 SESSION, 500 LEVEL PROJECT
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COURSE TITLE: ARCHITECTURAL DESIGN VI
COURSE: CODE: ARC511 UNIT: 5

RECYCLING PLANT

As part of Federal Government's plan in the new dispensation to rejuvenate manufacturing industries in the country and to generate employment opportunities for the teeming youth, recycling plants are to be sited in any state of the federation where raw materials are available for recycling of any one of these materials- plastics, metals, and glass in any state of the federation using the public/private partnership process.

As a final year undergraduate student of Architecture, you are invited to compete in the prototype design of a medium scale industry to be located at any site of your choice within the country

Task

The industrial process should take care of the following:

1. Waste management/disposal.
2. Raw material processing.

Schedule of Accommodation

1. Administration office.
2. Production halls, storages and sales areas for products.
3. maintenance units
4. Any others

Design requirements

1. Site plan (scale 1:500)
2. Floor plan (scale 1:100)
3. Roof plan (scale 1:100)
4. Elevations and sections (scale 1:100)
5. Perspectives
6. Details(scale 1:5, 1:10, 1:20)
7. Models

Schedule of presentations

- a. Case studies, site analysis, conceptual analysis. (Two weeks)
- b. Sketch design (1:200)
- c. Scaled pencil (1:100) to jury
- d. Ink Presentation (1:100) to jury