

**VIVEKANANDA COLLEGE**  
**ALIPURDUAR**  
**SEMESTER-I**  
**ENVIRONMENTAL STUDIES**  
**(AECC-I)**  
**Field Work/Project**

**(Any two of the following 1-4)**

1. Visit to local polluted site (**any one**)
  - a) Urban: Identify the major sources of air pollution in a city or town of North Bengal region.
  - b) Rural: Analyse the major sources of organic pollution in villages and adjoining agricultural fields.
  - c) Industry: Prepare a list of the large and medium industries in and around your college area and the probable pollutants they may produce.
  
2. Study of flora and fauna (**any one**)
  - a) Prepare a list of the economic plants available in the college block.
  - b) List the birds sighted and found nesting at the college campus and its surroundings with the season of their occurrence.
  - c) Record insects associated with any common crop/grassland/tree of the college area with an idea of their habitat.
  
3. Visit to local area to document environmental assets (**any one**):
  - a) Trip to any riverine system of Terai or the dooars: comment on the direction, volume and quality of water, flowing as observed.
  - b) Record the nature of vegetation/forest type/land use pattern at the site of visit.
  - c) Analyse the cause of deforestation and landslide on hill slope, if sighted.
  
4. Study of ecosystems. (**any one**)
  - a) Pond: water parameters – turbidity, pH, producers (photo and zooplanktons) and related consumers (fishes and birds).
  - b) Grassland on hill slope: producers (plants), insects, consumers (birds, mammals, reptiles etc.)
  - c) Forest: practical concept of forest type, stories, dominant trees and sub – dominant vegetation, observed and reported major herbivores and carnivores in a forest ecosystem.
  
5. Submission of a field work book in pdf  
Email id:- environmentvc@gmail.com