

MMO 202-P STUDY TOUR / FIELD TRIP [P]

Practical Course Credits : 2

Contact Hours : 60

1 Visit to National Research Institutes: National Centre for Antarctic and Ocean Research [NCAOR], National Institute of Oceanography [NIO] and ICAR –Central Coastal Agricultural Research Institute [ICAR – CCARI].

2 Marine field trip

2.1

A. Estuarine sampling

Collection of marine samples using various water samplers and sediment grabs; recording of lat-long (net GIS), temperature and salinity; samples for BOD, COD; maintenance and transfer of samples.

B. Post field trip session: culturing of marine microbes.

2.2 For sampling in the coastal and intertidal regions

Sampling and culturing of microbes associated with marine fauna.

3. Visit to marine industries

3.1 Study of aquaculture practices.

3.2 Seafood processing.

4. Report writing

5. Presentation and group discussion