Objectives

1. To collect samples from metal industries, Gujarat
2. To check the physio chemical parameters
3. To isolate metal resistant microorganisms
4. For detoxification of metallic pollutant (chromium and nickel) by transformation, detect highly chromium and nickel resistant and reducers
5. To study and optimize physio chemical parameters influencing chromium and nickle remediation
6. To develop highly resistant and reducer isolate as a efficient culture.

To apply the developed isolate for treatment of chromium containing laboratory and industrial waste