

Project No. 1

Sector	Eco-Restoration (Pollution Control)
Project Name	Establishment of one Continuous Ambient Air Quality Monitoring Station (CAAQMS) at Hosapete Taluk, CAAQM will be housed with facilities viz, SO₂, NO₂, NH₃, O₃, Benzene, PM_{2.5}, PM₁₀ and meteorological parameter like wind speed, wind direction, humidity, temperature and barometric pressure, Hospet Taluka, Vijayanagara
Submitted by	Karnataka State Pollution Control Board
Project Cost	INR 2.30 Cr.
Coverage	Hospet Taluka
Project Duration	Medium Term (1-3 Years)
P I A	Karnataka State Pollution Control Board (KSPCB), Vijayanagara
Objective	To improve regulatory control on pollution and provide better environmental conditions in the mining-affected areas of the district.
Output	<ul style="list-style-type: none"> CAAQMS Station- 1 Nos.
Justification	<ul style="list-style-type: none"> Hospet Taluk is surrounded by Iron/ Manganese/ Limestone mining areas and there is a need for Continuous monitoring of the Air Pollutants Mined-Ore transportation is also undertaken through the area. Real-time monitoring from these facilities will help in calculating the air quality index to issue health advisories, as well as for the formulation of an action plan to meet standards. Due to lack of fund availability at the Department for this purpose, the activities have been proposed under CEP Miz for funding support.
Outcome (Expected Measurable Benefits)	<ul style="list-style-type: none"> Improved monitoring of air quality and noise levels in the region. Improved environmental conditions for mining-affected habitations. Improved health conditions in mining-affected habitations.