

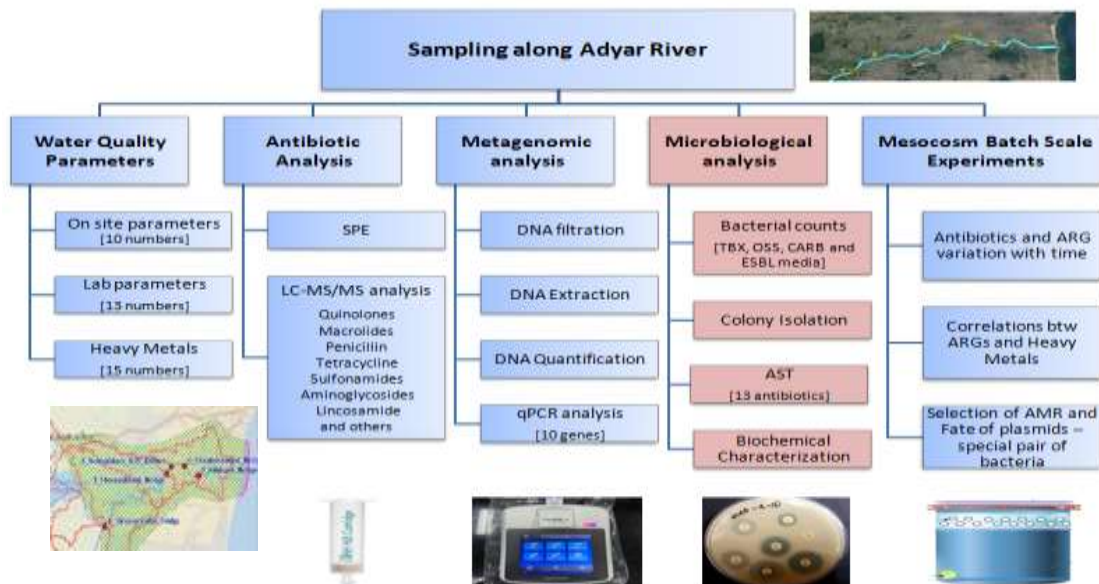


SURVEILLANCE OF ANTIMICROBIAL RESISTANCE IN WATERWAYS OF CHENNAI AND ITS CONTROL



To assess the seasonal variability of antibiotic resistant bacteria (ARB), antibiotic resistance genes (ARGs) and other factors along the Adyar River, and to evaluate the effectiveness of sewage treatment plants in reducing antimicrobial resistance.

To develop an electro-oxidation based cost-effective and energy efficient technology for disinfecting wastewater by completely removing ARBs, ARGs and other components, making it safe for reuse or disposal.



REACTOR STUDIES



Raw Hospital Wastewater



Before Treatment

After Treatment



Thara M V
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