

## PREFACE

The precious mangroves forest from island city of Mumbai has remarkably drained via continuing obtrusion into development of city. The mangrove forests have been major key for producing a range of services in our ecosystem. Very recently, conservation-pitching instructions within India's justice courts acknowledged few values in correlation with mangroves. The huge number of benefits goes along to manifold contributors with various supplemental ecosystem amenities issued by Mumbai's remaining periphery of mangrove system.

Estimation of ecological amenities on a mid-reckonable origin and, using cost cutting practices from extra applicable revisions, validates suggestive standings the extent of the profits provided to the island city by its mangrove structures and connected regions. Standards could only be contingent virtually as most amenities falls with the contemporary market.

Conservative assessment with expectations about collective, unmeasured worth underlines the status of mangroves to the bent environment, society, and imminent safekeeping of Mumbai. This emphasizes the need for protection and refurbishment of the mangrove reserve, predominantly as a substance of natural shield in the light of a varying climate, water level rise and other incipient sustain ability contests.

Present mangrove range is at its most scarce to the offshore boundary of the island city of Mumbai, questionably where supreme shield is obligatory from storms, tsunamis, and various intimidations.

The primary goal of this project suggests that through an automated monitoring model we can solve the issues regarding mangrove forests extent availability to the city which will render the broader view on providing better restoration conservation results while serving our natural ecosystem while handling the development of the island city in the near future with ease.