The objectives of this research work are as follows:

- To study three medicinal plants used in the indigenous medicinal system of the tribals of South Gujarat from the perspective of their anti oxidant, anti bacterial and anti fungal activities to substantiate possible medical applications.

- To regenerate these three plants by establishing micropropagation cultures.

- To compare the phytochemical spectrum of tissue cultured regenerants with that of wild type plants.

- To check for histological evidences of \textit{in situ} localization of phytochemicals in plant tissues.

- To analyze genetic fidelity of \textit{in vitro} regenerants and intraspecies variations through Molecular techniques like RAPD.