Objectives of Research

1. To identify the key parameters of the social problem related to tropical cyclone over a particular area in India (narrowing down to Andhra Pradesh).

2. To structure a mathematical theory with the help of parameterized graph formed by the collation of historical data related to tropical cyclone in that area.

3. To develop the parameterized graphs under arboricity in such a way so as to fit the study of these patterns of cyclone for other parallel catastrophes like landfall, humidity, La Nina and so on to further associate it with the regression theory.

4. To obtain results of linear arboricity over the regression of similar parameters taken under consideration during the study of this specific geographical area.

5. To develop a parallel holistic approach towards the study of cyclone with the help of regression analysis and graph theory.