

## P R E F A C E

I feel immensely delighted to present this project. In this project, I have tried to give all the appropriate and important information in the project. Forests are important as they help in stabilizing climate, in regulating water cycle and provides habitat for numerous life forms on this planet. The list of benefits from the forest is uncountable.

Therefore, in order to understand the unique character of a particular region; its geographic, socioeconomic and demographic base should be identified. Therefore, these factors determine the geographic profile of the region. Due to population growth, the decrease in the biodiversity of this region is quite high, loss of natural habitat is also noticeable in this region. The environmental degradation has an adverse effect of tourism in North Eastern India. In this Project, I have shown some thematic maps of both the study areas, LULC, NDBI, SAVI and other indices using ArcGIS Pro and Arc Map. The data are taken from landsat 8 & 5 and 7. Thus the main aim of this paper is to identify the ecological and socioeconomical aspect of this region and also to projected impact on ecology of the two cities respectively. At last, I want to conclude from my observation that North Eastern forest cover is constantly decreased over time. If proper precautions are not taken, this will aggravate damage.