# Project Objectives

Project objectives are **what you plan to achieve by the end of your project**. This might include deliverables and assets, or more intangible objectives.Your project objectives should be attainable, time-bound, specific goals you can measure at the end of your project.

❖ The objective is to detect the fire as fast as possible and its exact localization and early notification to the fire units is vital.

❖ This is the deficiency that the present Invention attempts to remedy, by means of detection of a forest fire at the very early stage, so as to enhance or ensure the chance to put it out before it has grown beyond control or causes any significant damage.

❖ There are a number of detection and monitoring systems used by authorities. These include observers in the form of patrols or monitoring towers, aerial and satellite monitoring and increasingly promoted detection and monitoring systems based on optical camera sensors, and different types of detection sensors or their combination.

❖ The main aim of the project is to create a kind of alarm system to detect the forest fire before or after the fire in order to enforce certain preventive measures.

❖ these systems in practical operation, and their evaluation in terms of efficiency, accuracy, versatility, and other key attributes using sensors of various types for different parameters.

❖ Deep learning is an emerging concept based on artificial neural networks and has achieved exceptional results in various fields including computer vision. We plan to overcome the shortcomings of the present systems and provide an accurate and precise system to detect fires as early as possible and capable of working in various environments thereby saving innumerable lives and resources.