

# Medicinal Plant Classification and it's Identification

**Prof. Shailesh Kuzrdkar<sup>1</sup>, ,Hrishikesh Dahule<sup>2</sup>, Himanshi Waurkar<sup>3</sup>, Rushita Likhar<sup>4</sup>**

Professor, Department of Computer Science & Engineering<sup>1</sup>

Students, Department of Computer Science & Engineering<sup>2,3,4</sup>

K D K College of Engineering, Nagpur, India

**Abstract:** *Indian Ayurvedic Medicine reached international level The basis of Ayurveda is herbal medicine. The pharmaceutical industry is starting to pay more. Be careful with herbs because their side effects and consequences are less than modern medicine and at the same time they are very expensive. The company efficiently and reliably uses leaf images from many deep and machine learning algorithms developed in recent years. In this study, leaves of 45 different medicinal plants were used and the deep learning method was used. A number of classification and identification methods were used using computer vision technology to achieve the best results. There are many medicinal plants according to the classification of the paper plant.*

**Keywords:** Deep study, classification, medicinal plants, medicinal herbs, medicinal herbs