Abstract

Magnetic resonance imaging (MRI) is a powerful image which can also be used to detect abnormalities in the tissues such a tumor whereas CT scan does not provide detailed information in an image. This paper explains the various stages applied on the MRI image to detect the presence of the tumor. Various stages include pre-processing, segmentation, morphological filtering, feature extraction and neural network. The aim of this project is to propose a method that will efficiently and accurately detects the tumor. This proposed algorithm will help the doctor to detect the tumor more efficiently.

References

methodology for extracting MRI brain tumor duly mitigating the noise”, International Conference on computational intelligence & communication technology, 2015


**Index Terms**

| Computer Science | Image Processing |

**Keywords**

Brain Tumor, MRI Scan, Pre-Processing, Segmentation, Morphological Filtering, Feature Extraction