

# Bone Tumour Detection using Image Processing

Vasanth M<sup>1</sup>, Vinay S<sup>2</sup>, Jagadish TJ<sup>3</sup>, Hemanth Kumar M<sup>4</sup>, D Tharun kumar Reddy<sup>5</sup>

Assistant Professor, Department of CSE<sup>1</sup>

Students, Department of CSE<sup>2,3,4,5</sup>

Cambridge Institute of Technology, Bangalore, India

**Abstract:** Cancer is one kind of dangerous disease which can cause by the growth of unwanted cell. There are many different types of cancer and bone tumor is one of the part of it and this has to be detected at earlier stage. Here, Magnetic Resonance Images will be used as input data and then preprocessing operations will be done and then features will be extracted and given to the convolution neural network which is an algorithm used in order to classify the images as tumor and non tumor. This algorithm gives best accuracy and performance with minimum loss

**Keywords:** Convolution, Network, Tumor, Accuracy, Benign, Malignant

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