**6. CONCLUSION & FUTURE WORK**

The high spatial resolution is attained only with the help of image fusion. Selection of fusion algorithm always depends on problem. Existing method is having various cosine transformations such as LP, FP and MR. Basically DCT based fusion is not able to achieve high spatial resolution. Wavelets are alternatives for DCT transformations when wavelets are combined with multiresoluted images, high spatial resolution is achieved. This has been evaluated with metrics most of the times evaluated metrics are showing better results when compared with existing LP, FP and MR. In future this work may be extended to evaluate textures in image fusion.