Abstract

Microscope Image Processing is an area of digital image processing in which most of image processing techniques are applied on the image captured by the microscope. Due to technical advances in microscope, it becomes easy to interface microscope to image processing system. Most of the fields like medicine, biological research, test tube baby, cancer research, drug testing, metallurgy, etc need this type of processing for the analysis purpose. This paper covers the overview of Microscope Image processing and a generic Microscope Image processing system. The concept of microscope image acquisition, various techniques and its analysis is also discussed here. Further it includes various application areas of microscope image processing. There is call for researcher to pay attention on Wikipedia in this area, which is emerging field in image processing.

References

1. “Microscope_image_processing" Available at: www.en.wikipedia.org Accessed 17
October 2010.


Index Terms

Computer Science | Image Processing

Keywords

Microscope image processing, digital image processing, image analysis