

8. Results

In this, we have discussed in detail the experimental results of the proposed approach. This section shows the comparative analysis of proposed approach with the already existing approach. For experimental results we have taken reading for detecting skin pixel values under different illumination conditions and from the result it was observed that luminance has great impact in skin detection technique

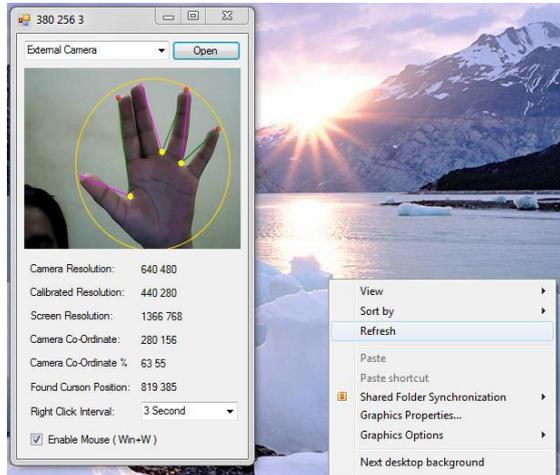


Figure: showing right click event

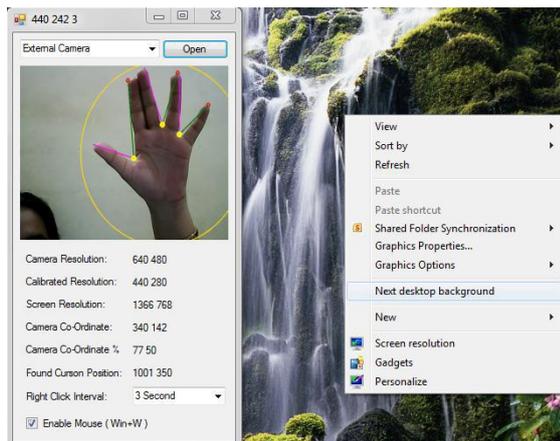


Figure: Showing left click event



Figure: Folder named “reference paper” moved at other place

9. Conclusion and Future Work

A new technique has been proposed to control the mouse cursor and implement its function using a real time camera. The goal of this project is to create a system that will recognize the hand gestures and control the computer/laptop according to those gestures. This system is based on computer vision algorithms and can do all mouse tasks such as left and right clicking, double clicking and starting the applications using the gestures like notepad, paint, word etc. A new HCI vision-based interface is designed, which is sufficiently robust to replace a computer mouse and extend the interaction capabilities. This system realizes the function of the mouse gestures very well and controls the mouse cursor movement and click events of the mouse using hand gestures effectively. A virtual human computer interaction device is developed in a cost effective manner. More features such as the zoom-in and zoom out can also be implemented to make the system more efficient and reliable. This system can also be further implemented in the mobile where using pointing devices like mouse is difficult

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