

Experiment No.-01

Objective- Understand the use of various Accessibility options in windows operating System.

Task- Open Ease of Access Centre from windows operating system and perform use of various Accessibility options.

Theory-

Steps to open Accessibility option in windows-

- i. Click on Start Menu
- ii. Go to Control Panel option
- iii. Click on Ease of Access Centre

Options in Accessibility Mode-

- I. **Sticky Key**- StickyKeys is an accessibility feature to help computer users with physical disabilities, but it is also used by others as a means to reduce repetitive strain. StickyKeys allows the user to press and release a modifier key, such as Shift, Ctrl, Alt, or the Windows key, and have it remain active until any other key is pressed.

Steps to apply Sticky key:

Ease of Access Centre → Make the keyboard easier to use → Turn on Sticky keys

- II. **FilterKeys**- It is a feature of Microsoft Windows. It is an accessibility function that tells the keyboard to ignore brief or repeated keystrokes, making typing easier for people with hand tremors.

Steps to apply Filter key:

Ease of Access Centre → Make the keyboard easier to use → Turn on Filter keys

- III. **ToggleKeys**- ToggleKeys is also a feature of Microsoft Windows. It is an accessibility function which is designed for people who have vision impairment or cognitive disabilities. When ToggleKeys is turned on, computer emits sound cues when the locking keys (Caps Lock, Num Lock, or Scroll Lock) are pressed. A high sound is emitted when the keys are switched on and a low sound is emitted when they are switched off.

Steps to apply Toggle key:

Ease of Access Centre → Make the keyboard easier to use → Turn on Toggle keys

- IV. **High Contrast**-

High Contrast is an accessibility feature to assist people with vision impairment. You can change the size and color of fonts and the background for ease of viewing.

Steps to on/off High Contrast :

Ease of Access Centre-→Make the Computer easier to use → Turn on/off High Contrast when left Alt+left Shift+Print Screen is pressed

V. Mouse Key-

MouseKeys is an accessibility feature that assists people who have difficulty using a mouse. This option uses the keyboard (especially numeric keypad) as a pointing device instead of a mouse. Steps to apply Sticky key:

Ease of Access Centre-→Make the Mouse easier to use → Turn on Mouse keys

VI. Cursor Options- Cursor Options is also an accessibility feature that assists people with vision impairment by changing the blink rate and width of the cursor.

Steps to change cursor options:

Ease of Access Center→Make the keyboard easier to use→Click on keyboard settings
