EXPERIMENT 10	INSTALLATION OF ACCELERATED GRAPHICS PORT (AGP) CARD
Date:	

AIM

To study the Accelerated Graphics Port (AGP) card and to perform installation and configuration of an AGP graphics card in a computer system.

REQUIREMENTS

1. Desktop/Laptop computer system
2. AGP Graphics Card
3. Compatible motherboard with AGP slot
4. Screwdriver set
5. Monitor
6. VGA/DVI/HDMI cable (as supported)
7. Graphics driver software (CD / Official website download)
8. Anti-static wrist strap
9. Administrator login credentials
10. Notepad for recording observation

PROCEDURE / PROGRAM

a. Identification of AGP Slot

i. Switch OFF the computer system.
ii. Disconnect power cable and all peripherals.
iii. Open the CPU cabinet using screwdriver.
iv. Locate the AGP slot on motherboard (usually brown in color and placed above PCI slots).
v. Verify compatibility of AGP card with motherboard (AGP 4X/8X support).

b. Installation of AGP Card

1. Preparation

i. Wear anti-static wrist strap to prevent static damage.
ii. Ensure power supply is disconnected.
iii. Remove the metal slot cover from cabinet back panel.

2. Installing the Card

i. Hold the AGP card carefully by its edges.
ii. Align the AGP card with AGP slot on motherboard.
iii. Gently press the card firmly into the slot until properly seated.
iv. Secure the card using screw to the cabinet.
v. Connect additional power connector (if required).
vi. Close the cabinet cover.

c. Connecting Monitor

i. Connect monitor cable (VGA/DVI/HDMI) to AGP card output port.
ii. Tighten screws properly (if VGA).
iii. Reconnect power cable and switch ON the system.

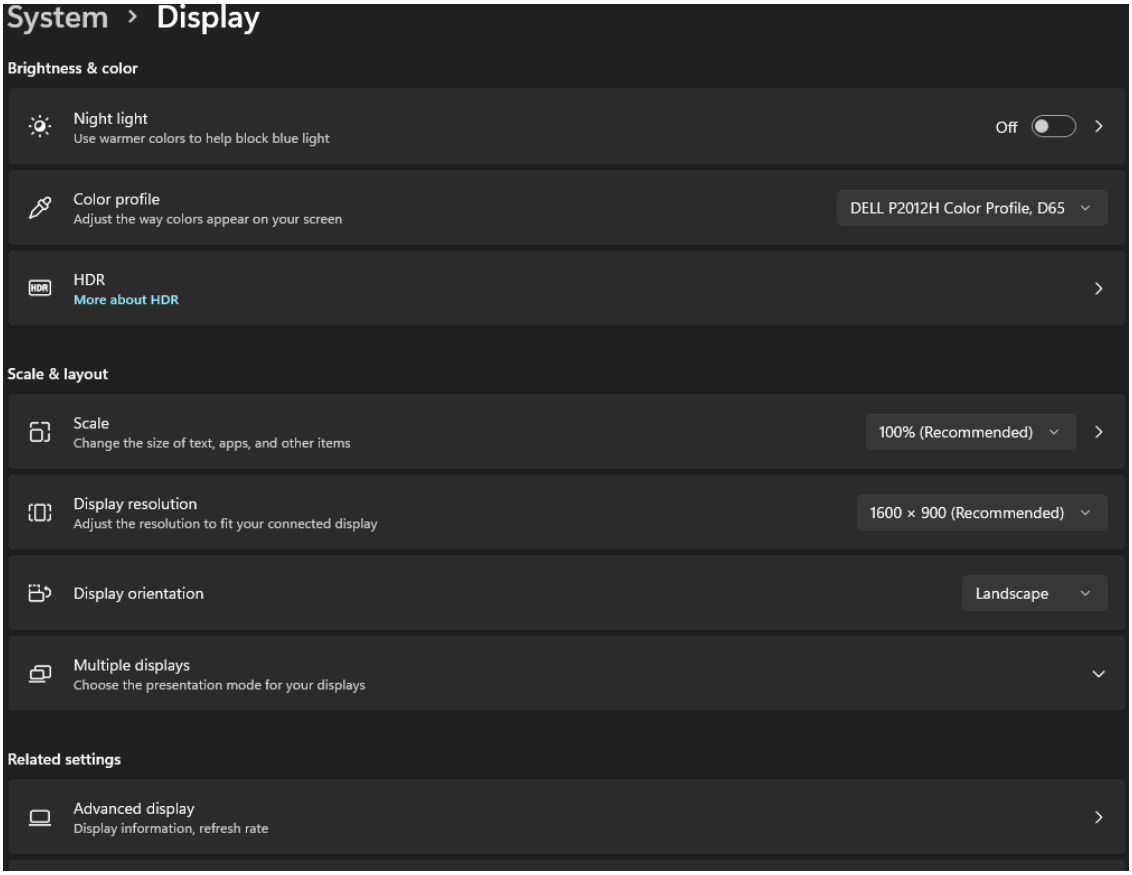
d. Installing Graphics Drivers

i. Boot into Windows Operating System.
ii. Insert driver CD or download latest driver from official website.
iii. Double-click setup file.
iv. Follow installation wizard instructions.
v. Restart the system after installation.

e. Configuration and Verification

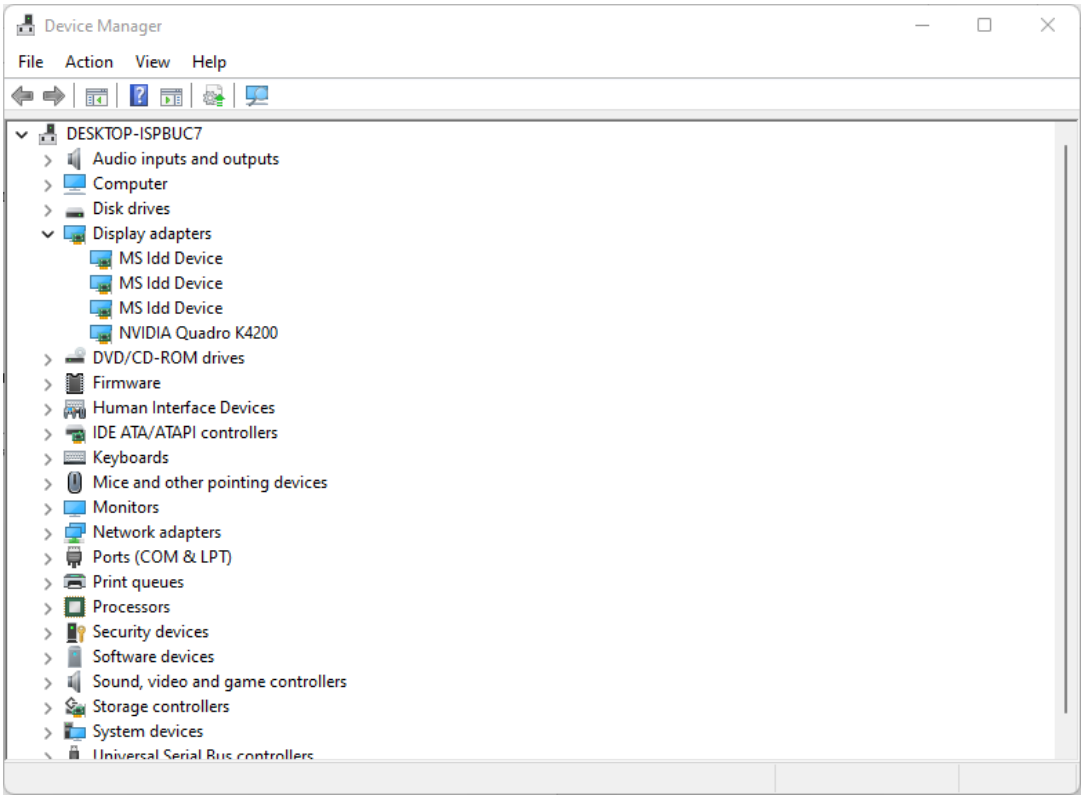
i. Right-click on Desktop → Select **Display Settings**.
ii. Adjust screen resolution and refresh rate.
iii. Open Device Manager → Check under **Display Adapters**.
iv. Ensure AGP graphics card is detected properly.
v. Run a graphics application to test performance.

SAMPLE OUTPUT









RESULT

The experiment of the Accelerated Graphics Port (AGP) card and to perform installation and configuration of an AGP graphics card in a computer system, was executed successfully and output verified