SOLIDWORKS will perform in a virtualized environment. A good GPU, which runs with the OpenGL, can render models that are far more complex much faster and can provide optimal performance. Certified GPU and proper Graphics settings gives more stability and visual performance—framerate when rotating a model, anti-aliasing, lighting, using transparency and supports real view of a model. When dealing with large assemblies, workstation cards will perform significantly better than the gaming-focused card. To avoid any performance issues, its necessary to carry out Graphics related setting with respect to SOLIDWORKS.

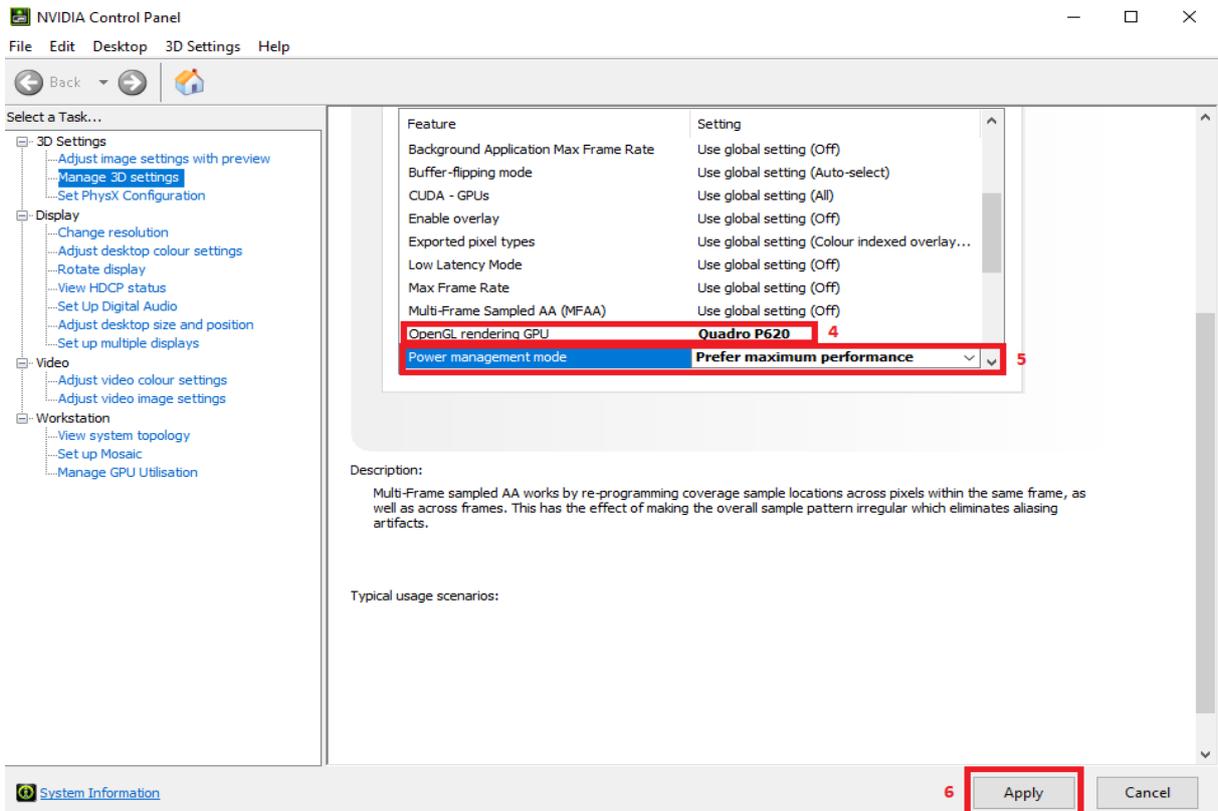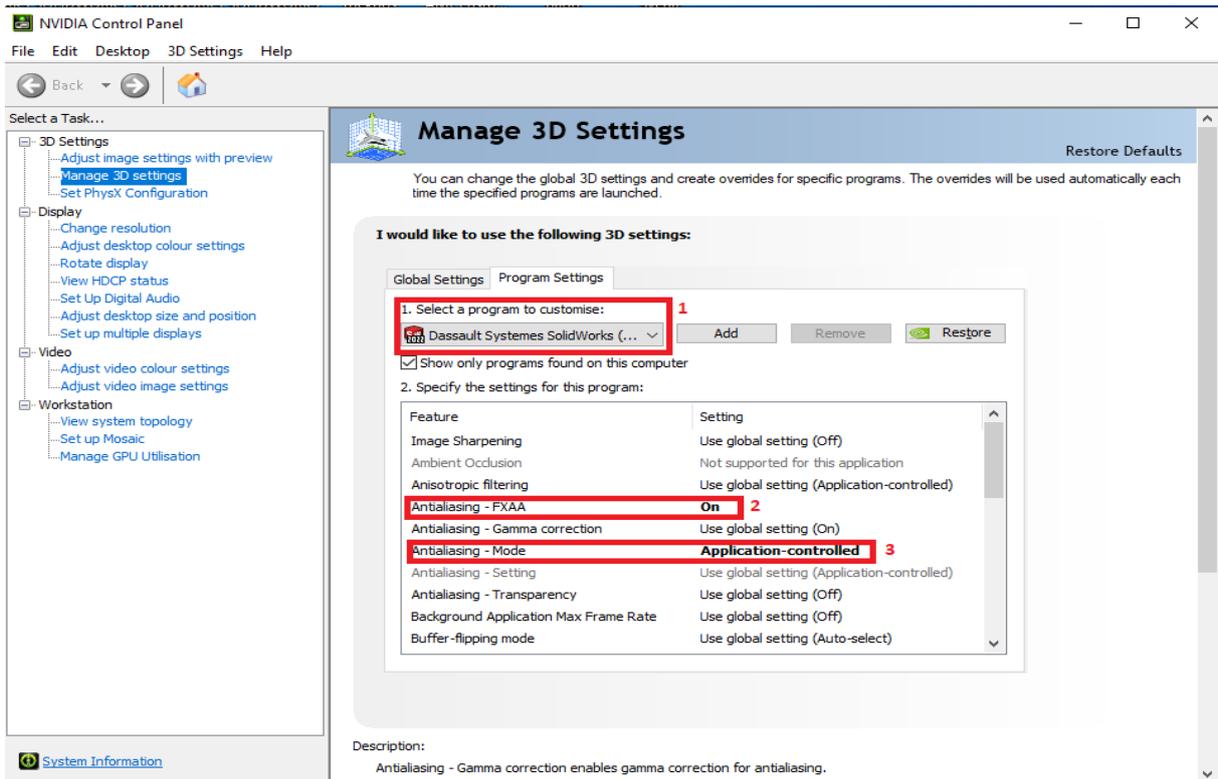Two different ways to carry out Graphics setting are explained below.

1. Nvidia Control Panel Settings
2. System Graphics Settings

1. **Nvidia Control Panel setting.**
   Open the Nvidia Control Panel by right clicking on the windows and Go to manage 3D settings.
   Under Program settings, select Dassault systemes Solidworks program to customize. Then, proceed with following settings.

   - Antialiasing FXAA – On
   - Antialiasing Mode – Application Controlled
   - OpenGL rendering GPU – Select installed dedicated Graphics card
   - Power management mode – Prefer maximum performance.

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Click Apply to save the settings.

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2. System Graphics Settings

Search for settings in Windows search bar >>Systems>>Display>>Graphics Settings.

In Grapics settings Tab, Browse the SOLIDWORKS.exe file as an app to set preference.
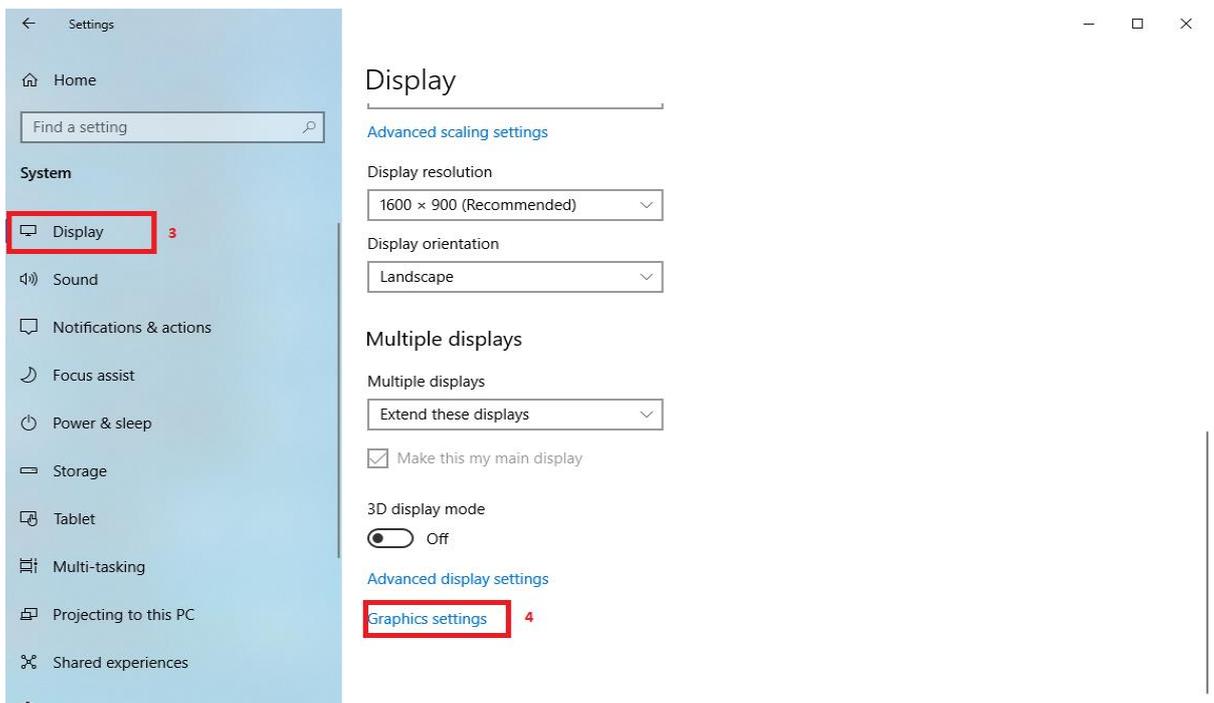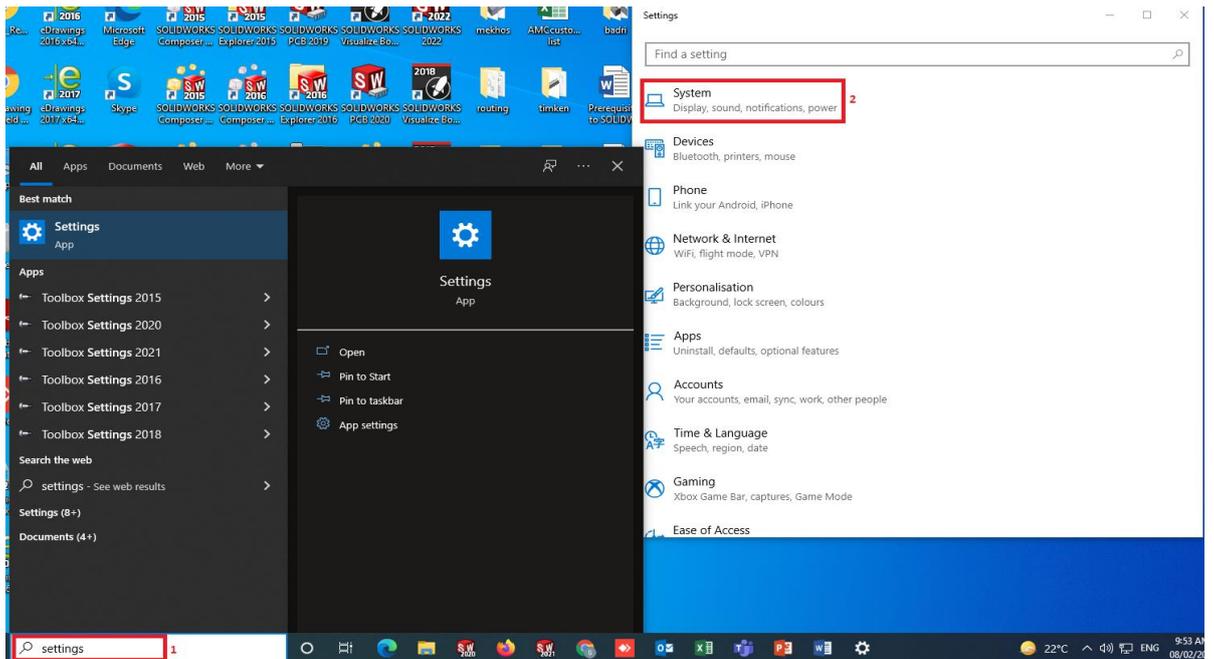
Conceptia Software Technologies Private Limited
22,2nd Floor,100 feet Ring road,6th Block3rd Phase,BSK 3rd stage, Bangalore-560 085, India
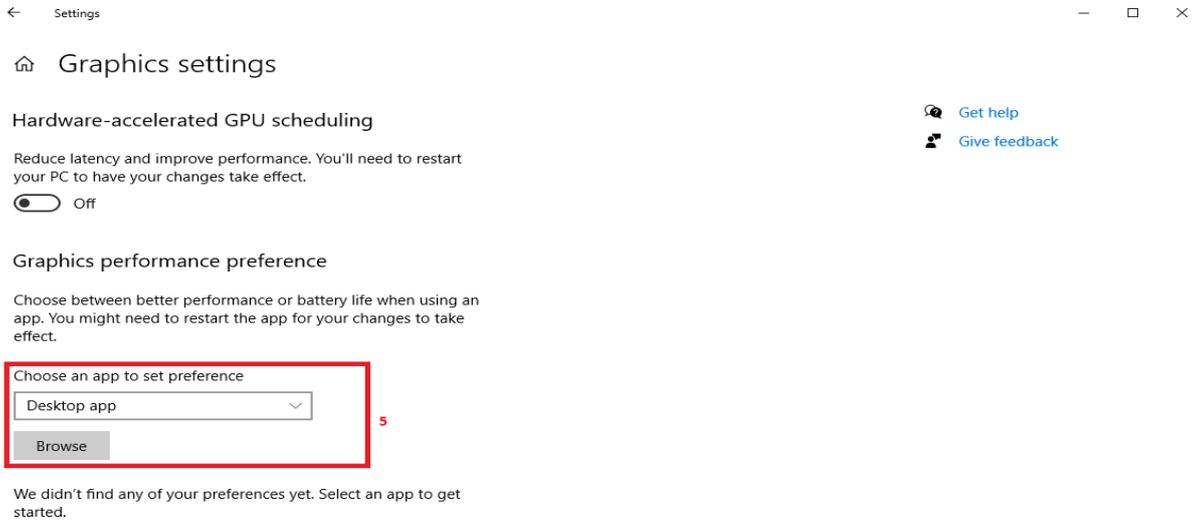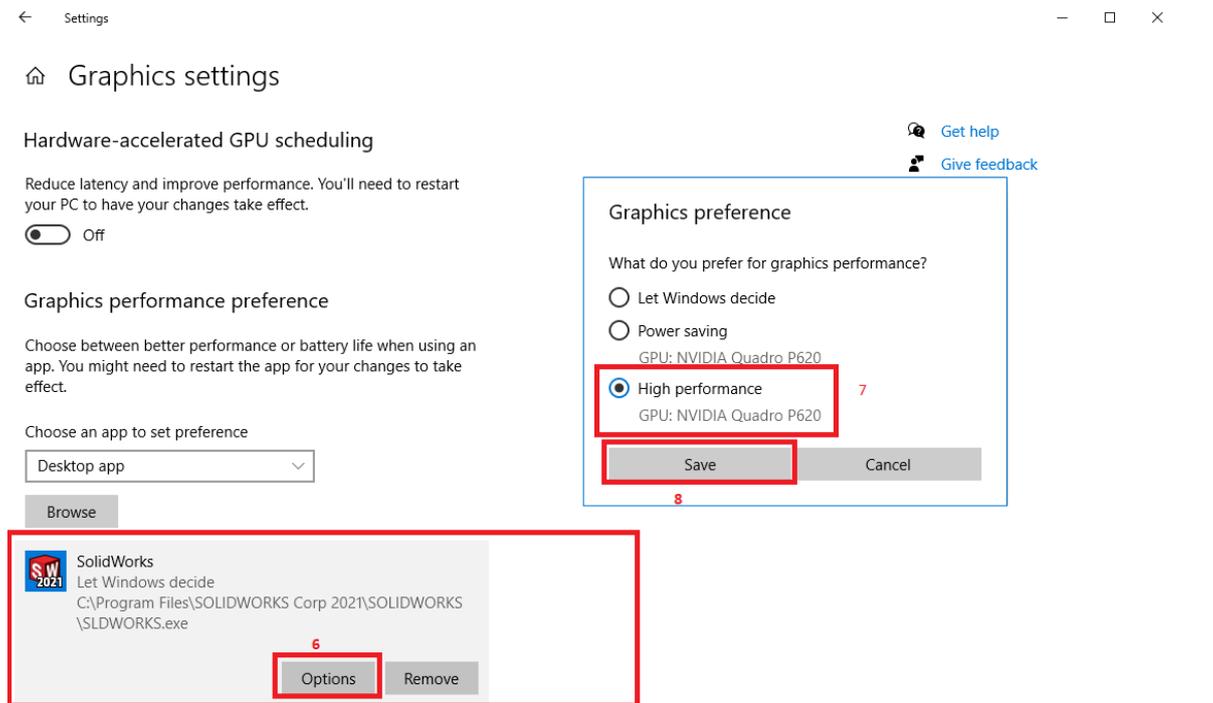`Phone +91 80 41558618   Fax +91 80 26798959   Email info@ckonnect.in

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← Settings

⌂ Graphics settings

Hardware-accelerated GPU scheduling

Reduce latency and improve performance. You'll need to restart your PC to have your changes take effect.

⬤ Off

Graphics performance preference

Choose between better performance or battery life when using an app. You might need to restart the app for your changes to take effect.

Choose an app to set preference

Desktop app ▾

Browse

5

We didn't find any of your preferences yet. Select an app to get started.

Get help
Give feedback

Browse SLDWORKS.exe from below mentioned path

C:/Program files>>SOLIDWORKS Corp>>SOLIDWORKS>>SOLIDWORKS.exe

← Settings

⌂ Graphics settings

Hardware-accelerated GPU scheduling

Reduce latency and improve performance. You'll need to restart your PC to have your changes take effect.

⬤ Off

Graphics performance preference

Choose between better performance or battery life when using an app. You might need to restart the app for your changes to take effect.

Choose an app to set preference

Desktop app ▾

Browse

Get help
Give feedback

Graphics preference

What do you prefer for graphics performance?

◯ Let Windows decide

◯ Power saving
   GPU: NVIDIA Quadro P620

⦿ High performance   7
   GPU: NVIDIA Quadro P620

Save   Cancel

8

SolidWorks
Let Windows decide
C:\Program Files\SOLIDWORKS Corp 2021\SOLIDWORKS
\SLDWORKS.exe

6

Options   Remove

Click save to finish the settings.

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