Design of disk brake plate

A disc brake is a wheel brake that slows rotation of the wheel by the friction caused by pushing brake pads against a brake disc with a set of calipers. Disk brake offer higher performance, light weight, simpler design, better resistance to water interface than drum brakes.

Friction causes the disc and attached wheel to slow or stop. Brakes convert motion to heat, and if the brakes get too hot, they become less effective, a phenomenon known as brake fade.

so here we generate the model of disk brake and perform the analysis by selecting different material in solid works premium 2014.