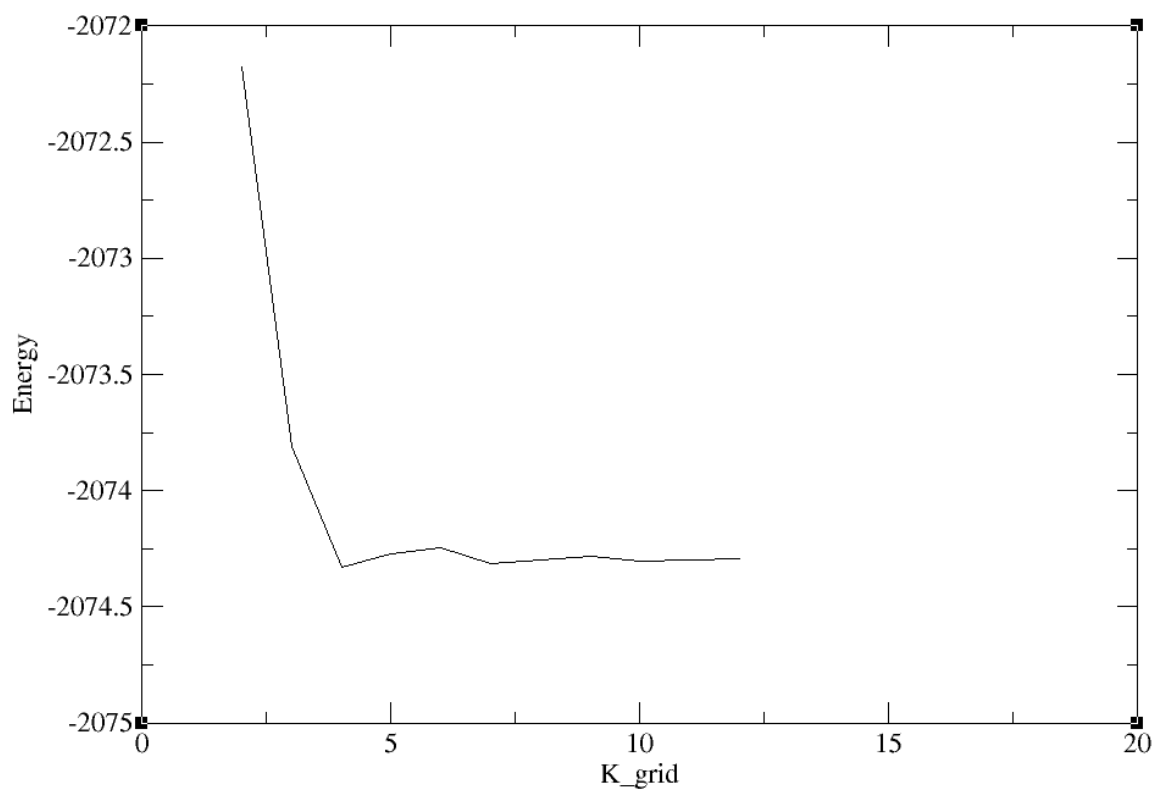Name-   Shailja Kant Tiwari
Entry no.- 2021PHS7218

Here further calculation is done for k_grid **(6 6 1)** because in further increasing the k_grid we don't achieve that much of accuracy while the computation cost will increase rapidly

After Trying for different values of **bin_size** and **dos_kgrid_factor**
I found a good plot for

bin_size = 0.1 and
dos_kgrid_factor = 15