```
import numpy as np
from classy import Class

def Get_LCDM_Pks(h, omega_b, omega_cdm, tau_reio, A_s, n_s, P_k_max,
k_per_decade):
    LCDM = Class()

    # pass input parameters

LCDM.set({'h':h,'omega_b':omega_b,'omega_cdm':omega_cdm,'tau_reio':tau
_reio,'A_s':A_s,'n_s':n_s, \
                  'k_scalar_k_per_decade_for_pk':k_per_decade})
    LCDM.set({'output':'mPk','lensing':'no','P_k_max_1/
Mpc':P_k_max,'YHe':0.24})

    # run class
    LCDM.compute()

    # retrieve pk's at z=0
    h = LCDM.h()
    #k_vec = np.logspace(-4,np.log10(P_k_max),100) # units of h/Mpc
    k_vec = np.logspace(-4, np.log10(100), 1000)
    LCDM_Pk_vec = np.zeros(len(k_vec))  # units of (Mpc/h)**3
    for k in range(len(k_vec)):
        LCDM_Pk_vec[k]=LCDM.pk(k_vec[k]*h,0.) * h**3

    # output
    return k_vec, LCDM_Pk_vec
```