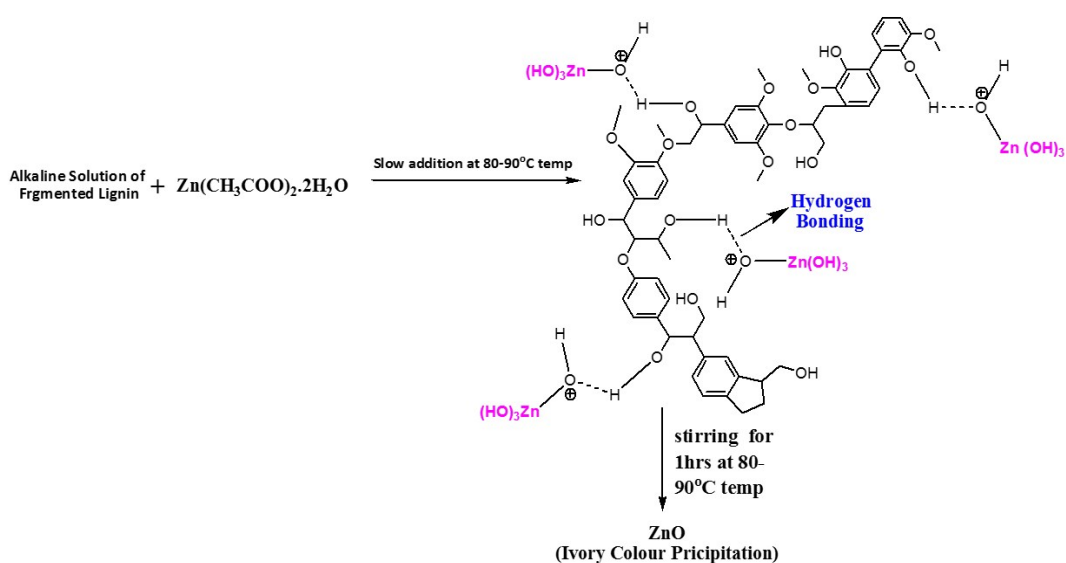


Fragmented Lignin Assisted Synthesis of hierarchical ZnO nanostructure for ammonia gas sensing

Kanchan M Joshi^a, Dnyaneshwar R Shinde^a, Latesh K Nikam^b, Rajendra Panmand^c, Yogesh A Sethi^c, Bharat B Kale^{a,c}, Manohar G Chaskar^a

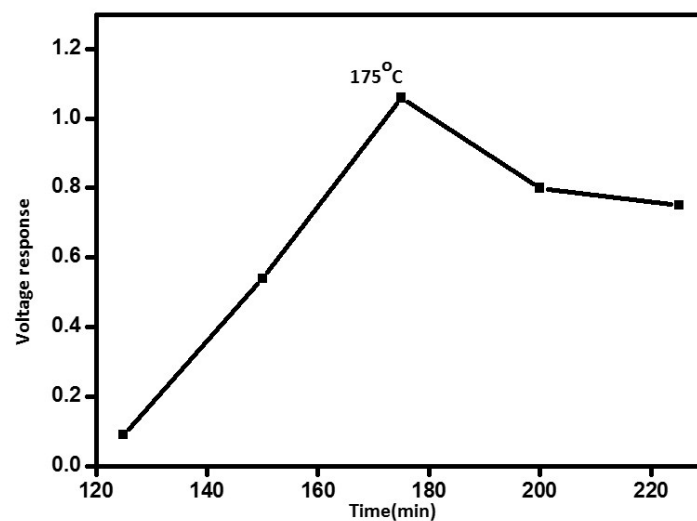
This supporting information from

ESI-1



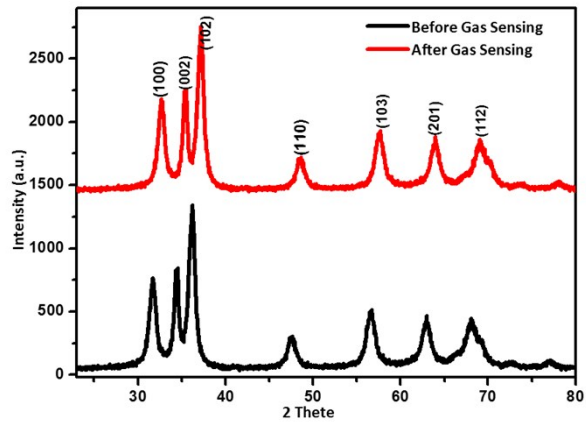
Reaction Mechanism

ESI-2



-Best Working Temperature

ESI-3



Long Term Stability

ESI-4 Gas Sensing Response of ZnO without fragmented lignin

