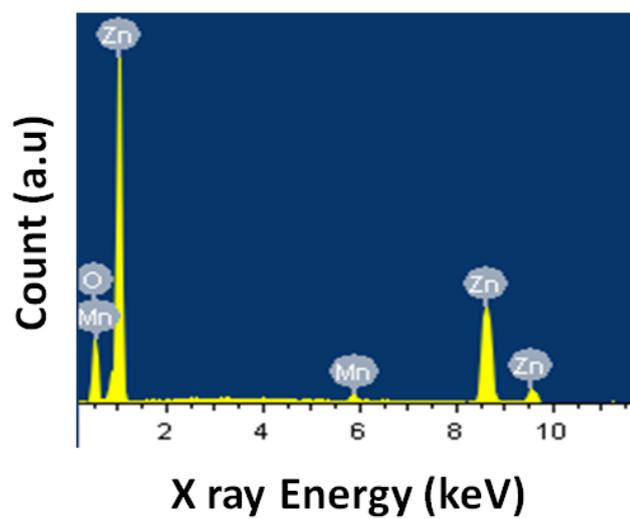
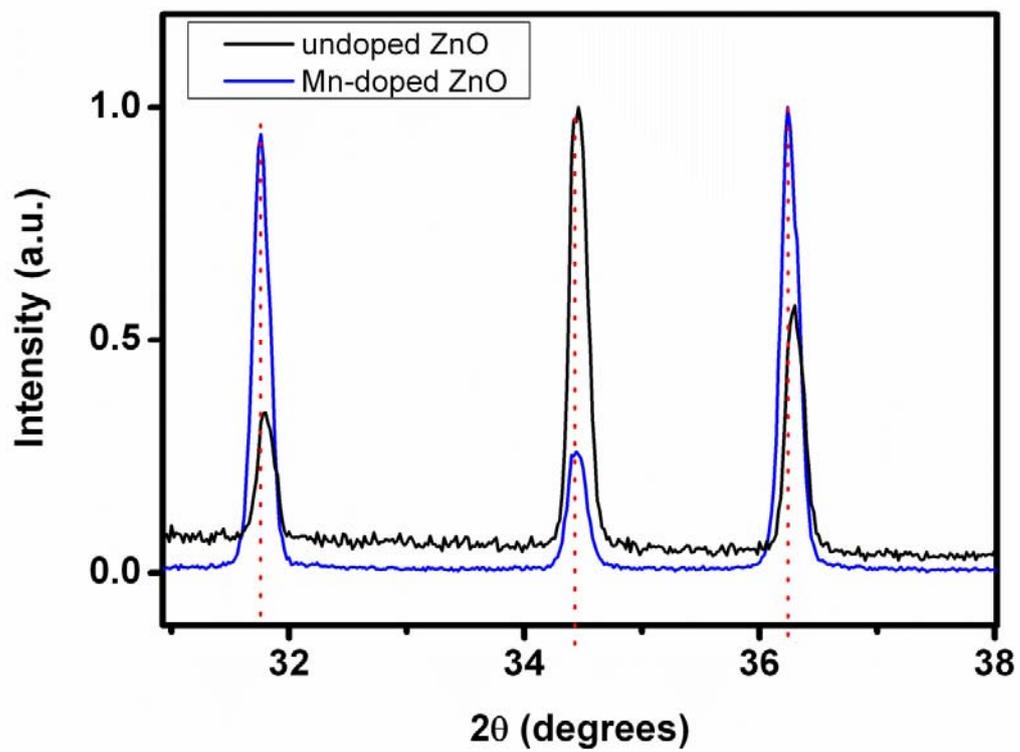


## Supporting Information

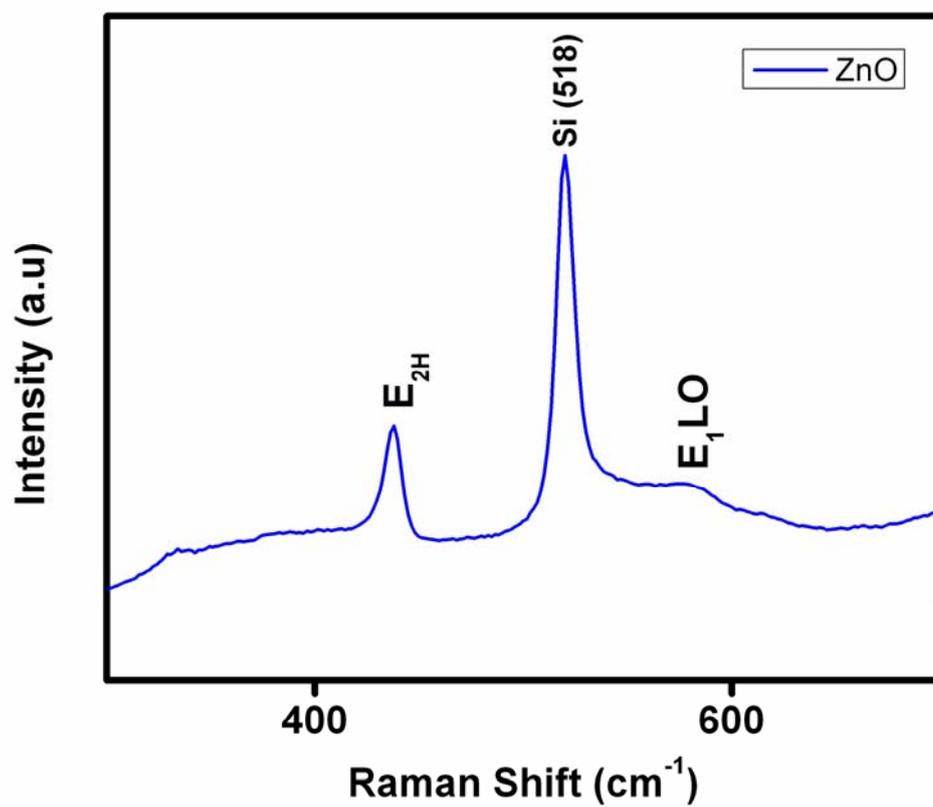
**Figure S1.** EDX spectra of Mn doped ZnO nanowires



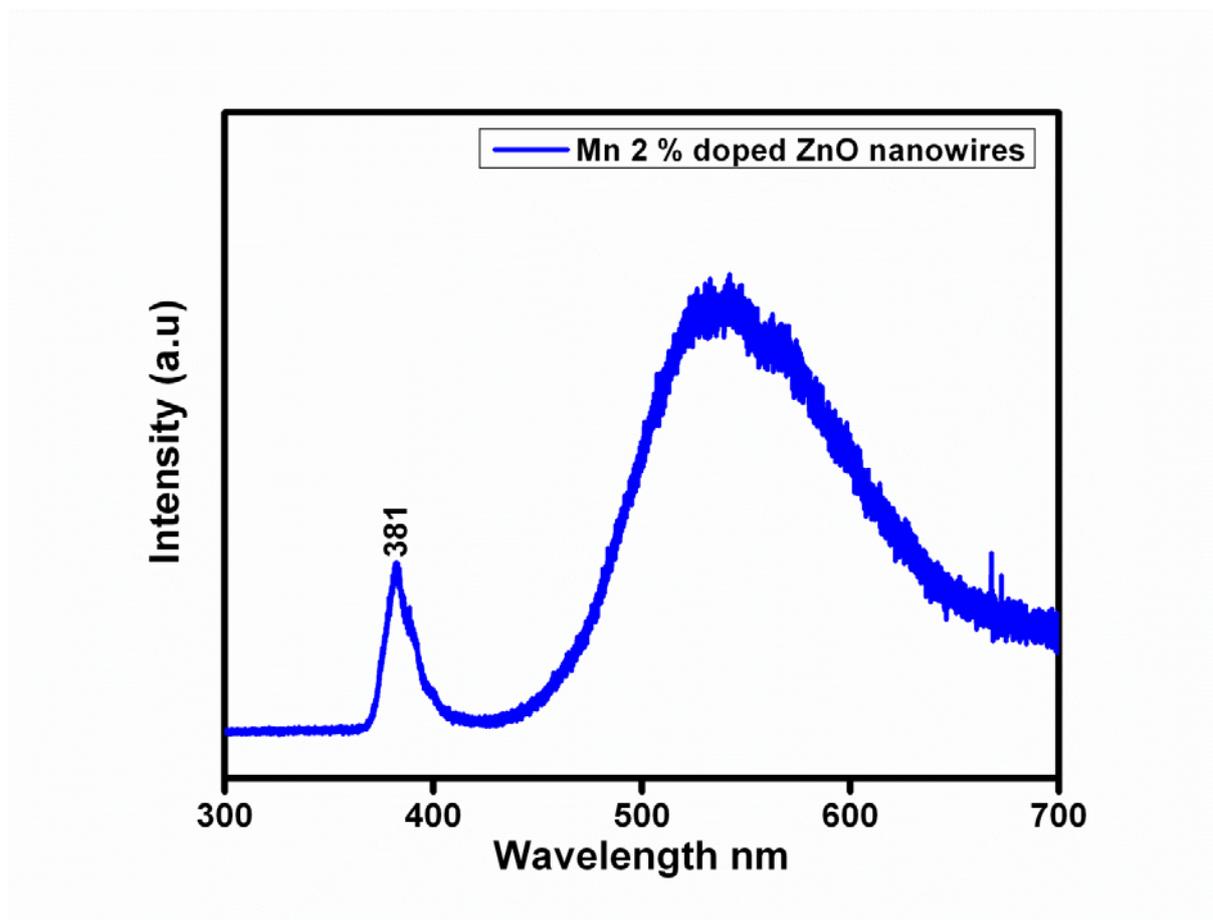
**Figure S2** : XRD patterns of Undoped ZnO and Mn doped ZnO.



**Figure S3.** Raman spectra of ZnO nanowires



**Figure S4.** PL spectrum of Mn doped ZnO nanowires.



**Figure S5.** (a) and (b) shows the photocurrent vs Intensity plots at 2 V and 5 V bias respectively. (c) and (d) shows the Photoconductive Gain vs Intensity plots at 2 V and 5 V bias respectively

