

Fe-induced morphological transformation of 1-D CuO nanochains to porous nanofibers with enhanced optical, magnetic and ferroelectric properties

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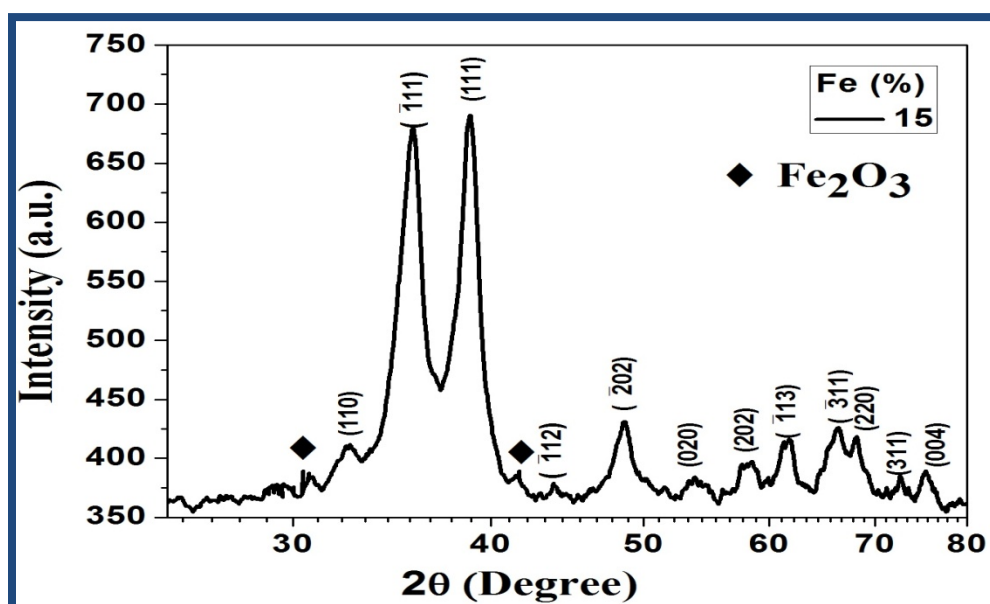


Fig. S1 XRD pattern of 15 % Fe doped CuO nanostructures

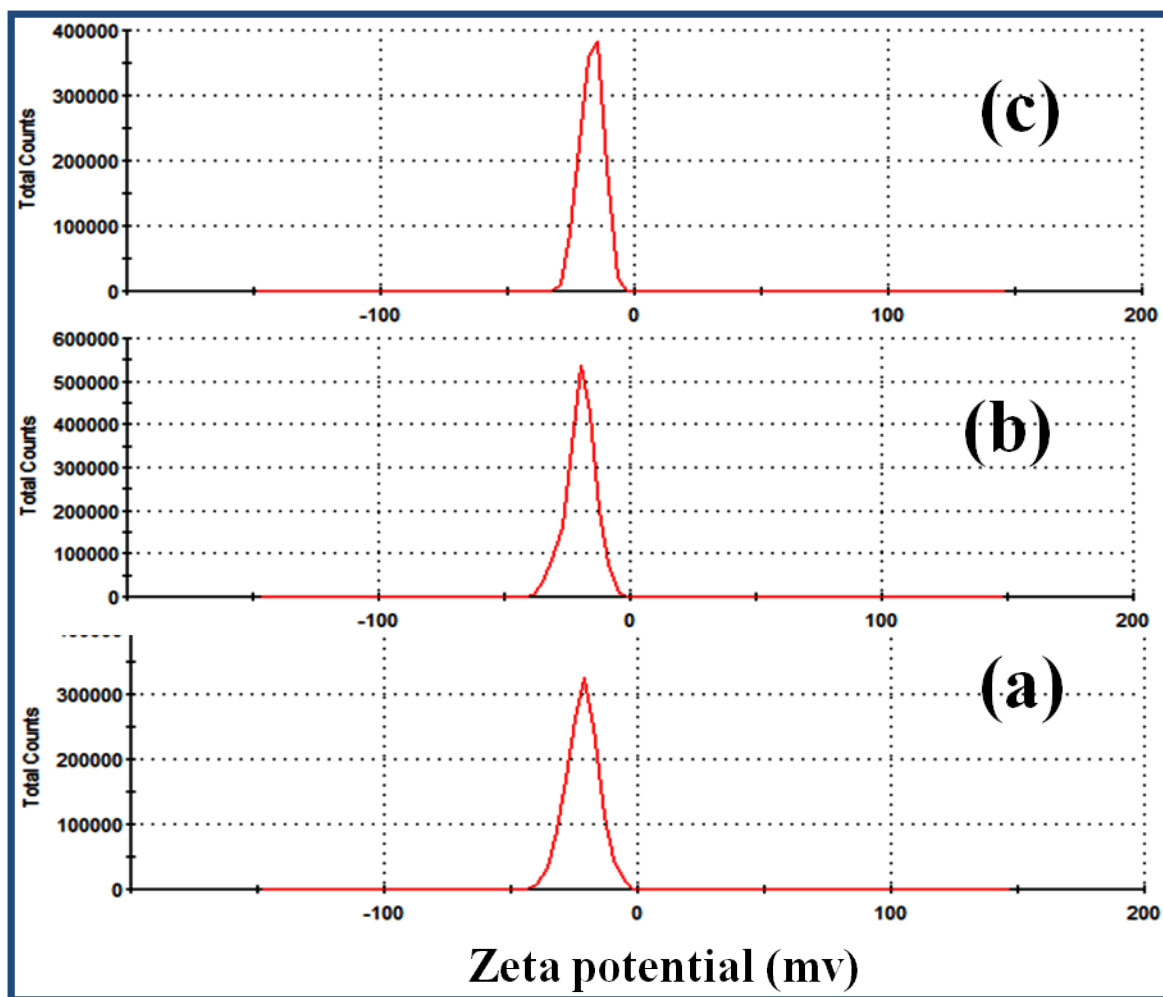


Fig. S2 Zeta potential of (a) SP2, (b) SP5 and (c) SP10

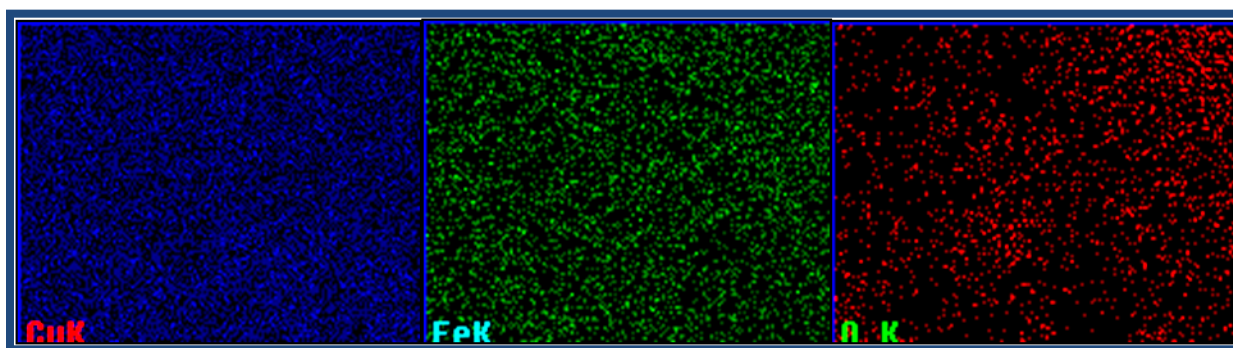


Fig. S3 Elemental mapping of each element in SP10

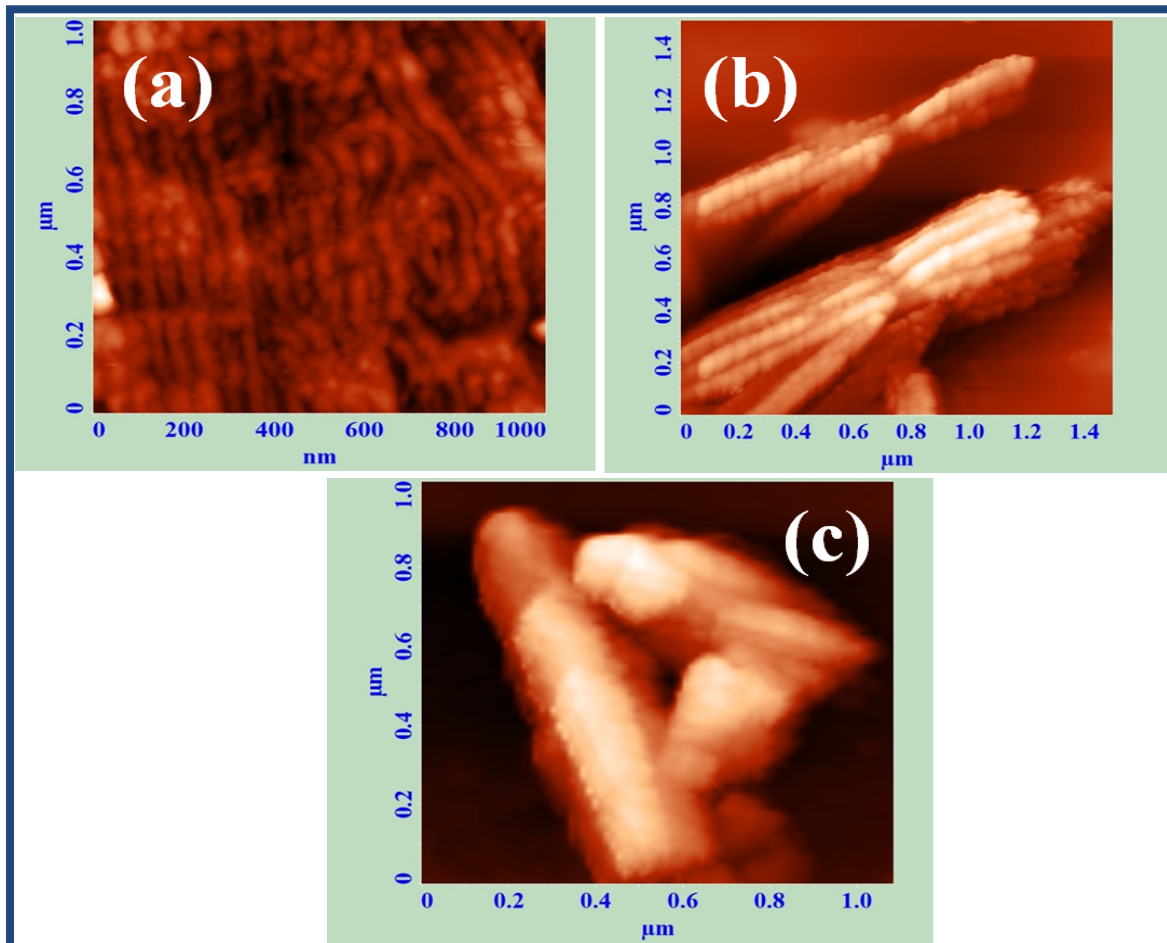


Fig. S4 AFM images of SP2, SP5 and SP10

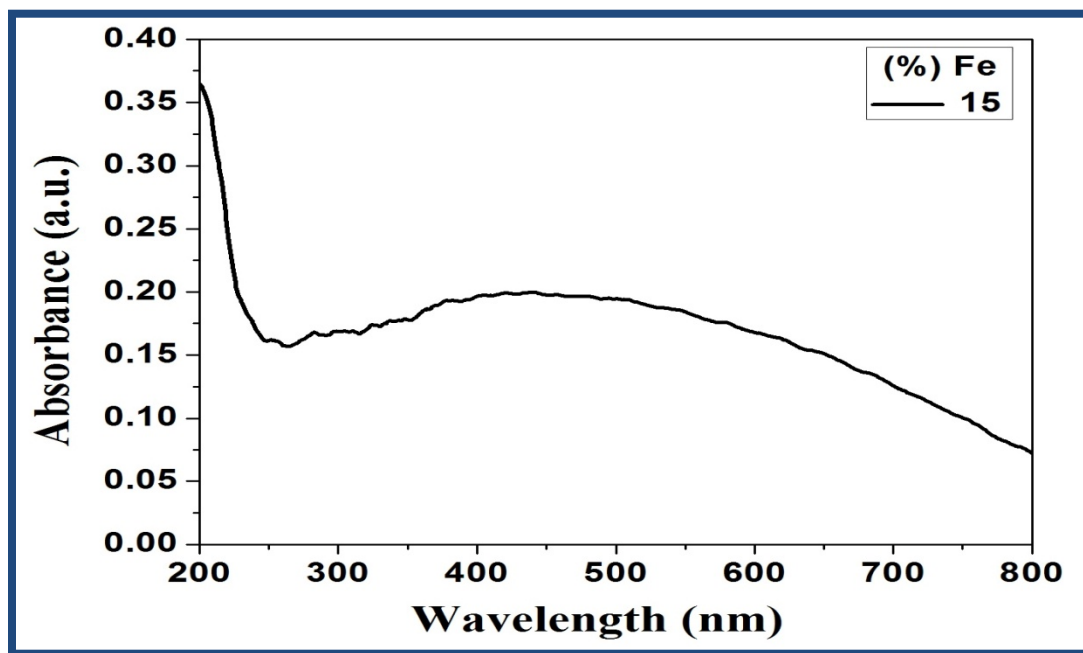


Fig. S5 UV-VIS spectrum of 15 % Fe doped sample

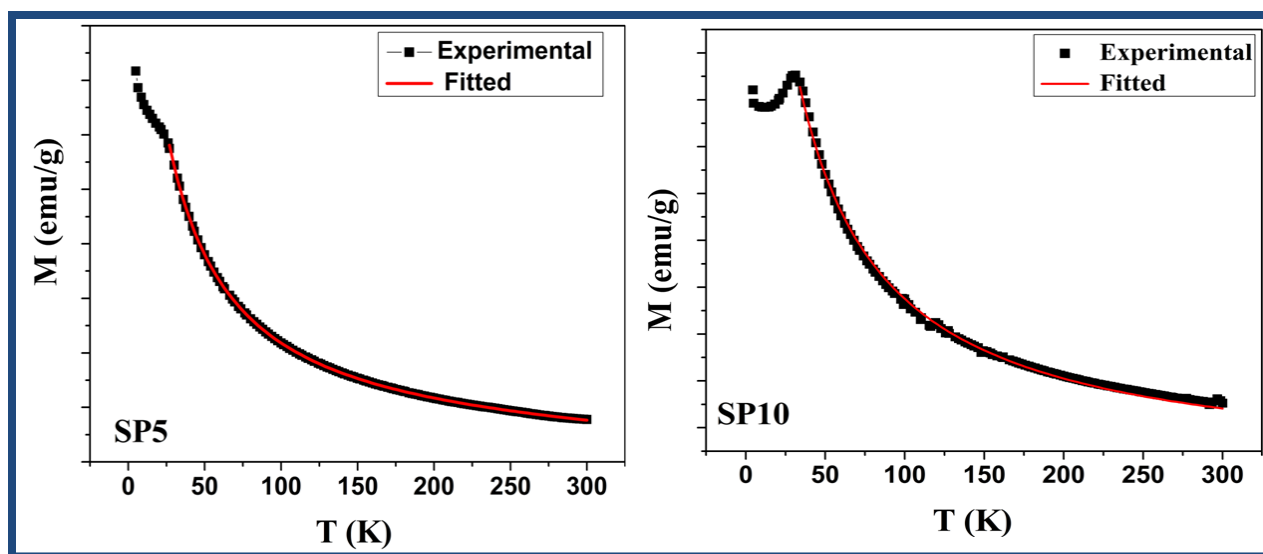


Fig. S6 Fitted field cooled M-T plots for SP5 and SP10