Supplemental Document

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Chemical bath synthesis of Ag_2S, CuS, and CdS nanoparticle-polymer nanocomposites: structural, linear, and nonlinear optical characteristics: supplement

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SEM analyses

The scanning electron microscopy (SEM) images prepared using proX of Phenom Company in range of 20 μm for PVA/Ag_2S, PVA/CdS and PVA/CuS and revealed the morphology of synthesis NPs. From figure S1 the particles of Ag_2S NPs in polymer bed show a spherical shape, from figure S2 the CdS NPs and figure S3 reveals the distribution of CuS small particles in PVA polymer matrix.

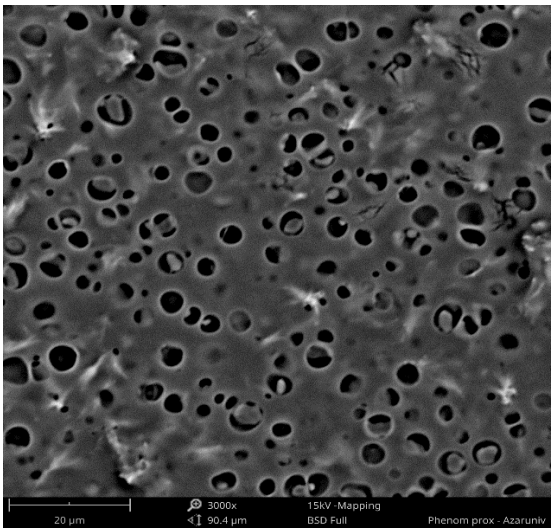

Figure S1. PVA/Ag_2S SEM image

Figure S2. PVA/CdS SEM image

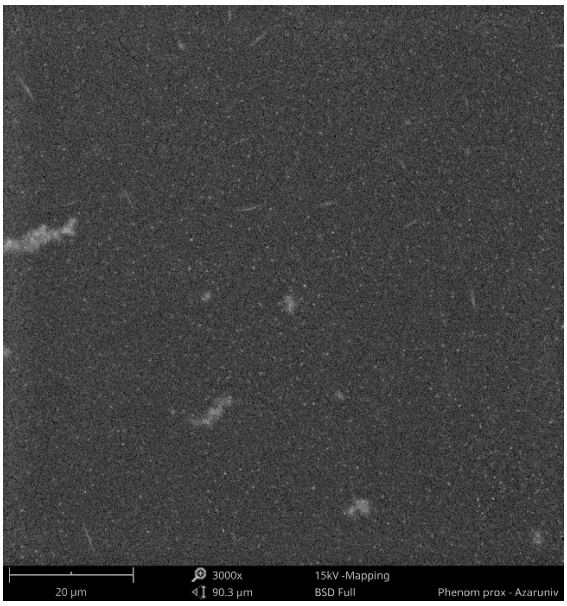

Figure S3. PVA/CuS SEM image