Electronic Supplementary Material (ESI) for New Journal of Chemistry.

Supplementary Data

Understanding the role of alcohols in the growth behaviour of ZnO nanostructures prepared by solution based synthesis and its applications in solar Cells

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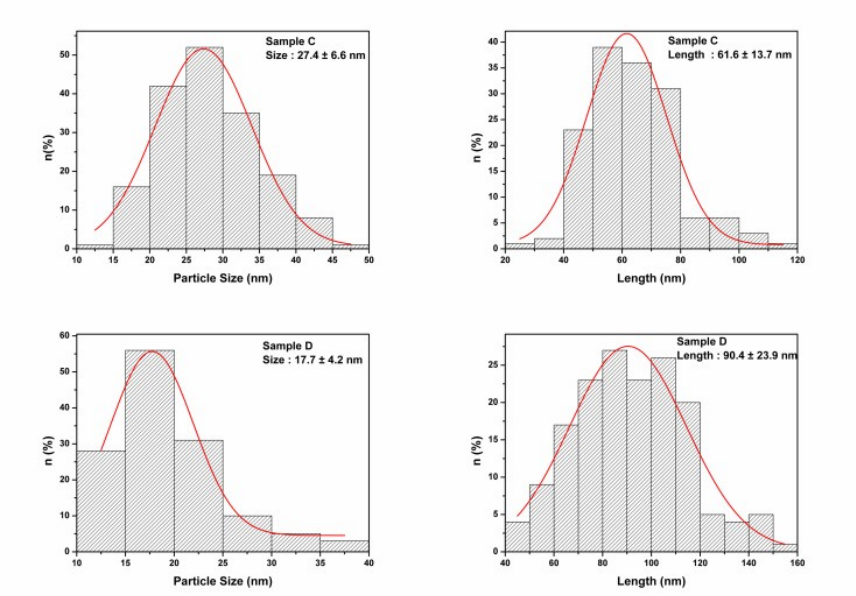

Figure S_1: FESEM size and length distribution of ZnO nanorods prepared in butanol and hexanol.

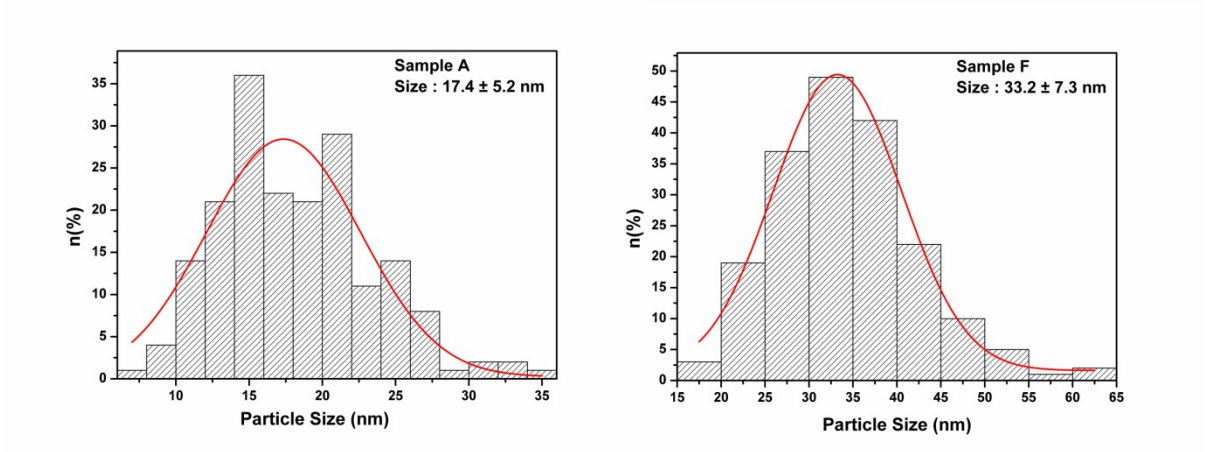

Figure S_2: FESEM size distribution of ZnO nanodots prepared in methanol and decanol

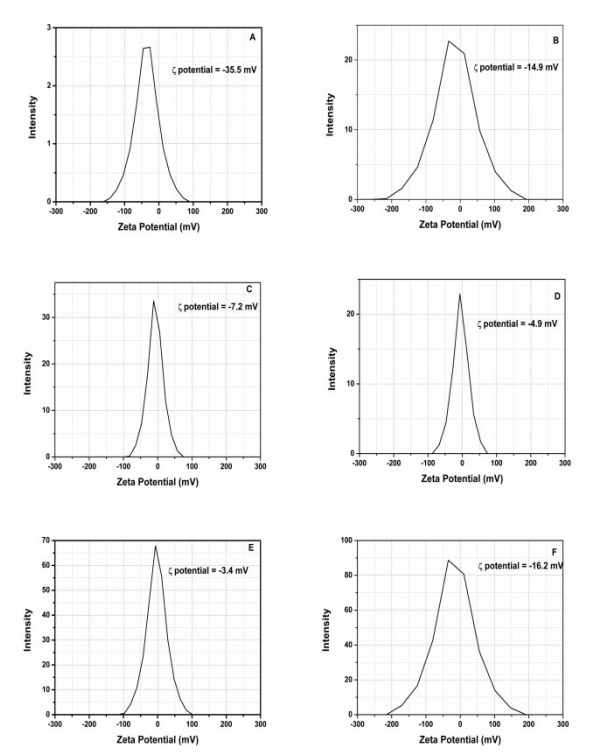

Figure S_3: Zeta potential values of ZnO nanostructures (A) methanol (B) ethanol (C) butanol (D) hexanol (E) octanol (F) decanol

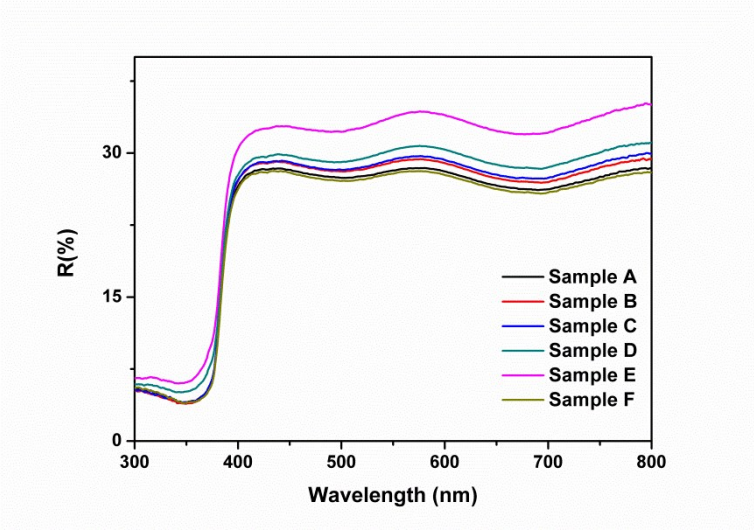

Figure S_4: Reflectance spectra of ZnO nanostructures

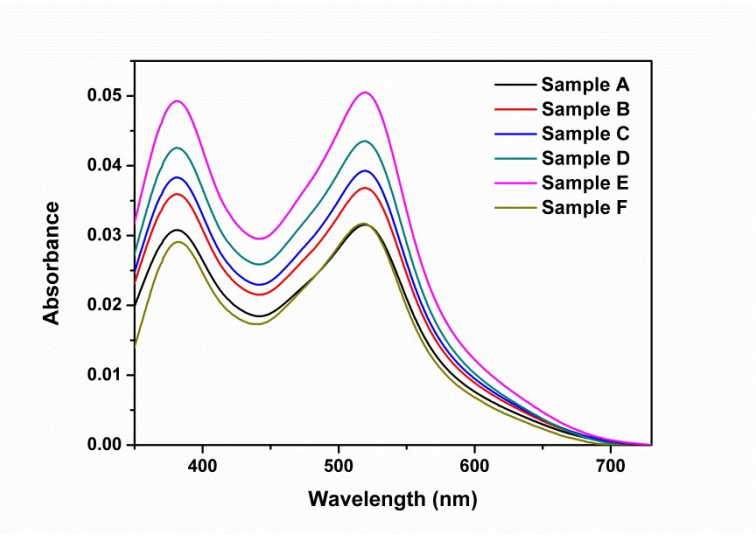

Figure S_5: UV-vis absorbance spectra of solution containing dye desorbed from the sensitized photoanodes.

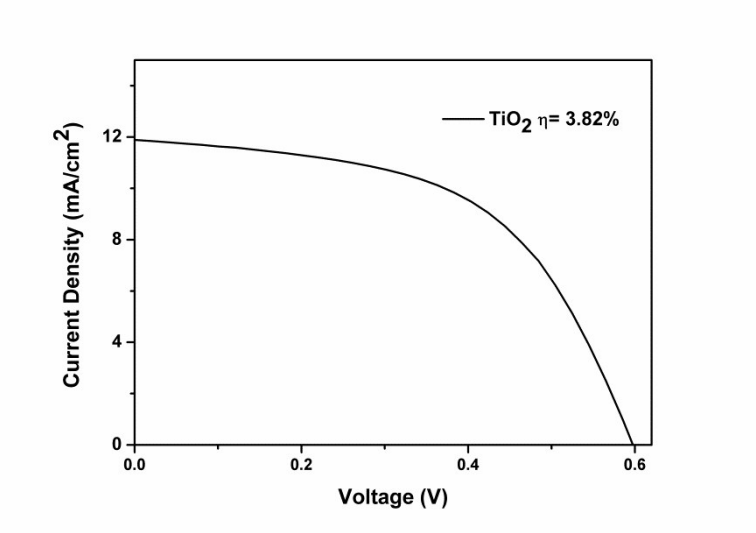

Figure S_6: J-V curve of DSSC based on TiO_2 nanoparticles.