Supplementary Information:

Poly(styrene-co-acrylonitrile) Gel Electrolyte for Dye-sensitized Solar Cells with Improved Photoelectrochemical Performance

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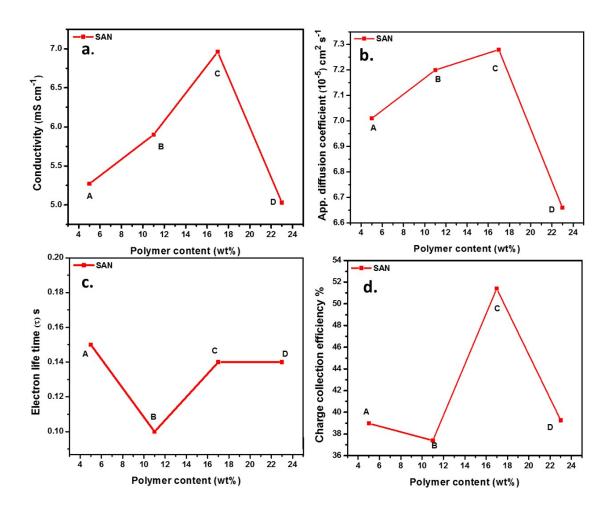


Figure S1: Variation in (a) charge collection efficiency (% η cc), (b) electron lifetime (τ), (c) ionic conductivity (6) and (d) diffusion coefficient values (Dapp) of SAN based PGE.

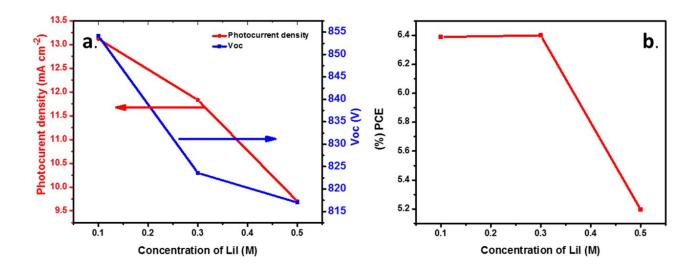


Figure S2: Effect of variable concentrations of LiI on **(a)** photovoltaic parameters and **(b)** photovoltaic performance of SAN based quasi solid-state electrolytes at a given concentration.

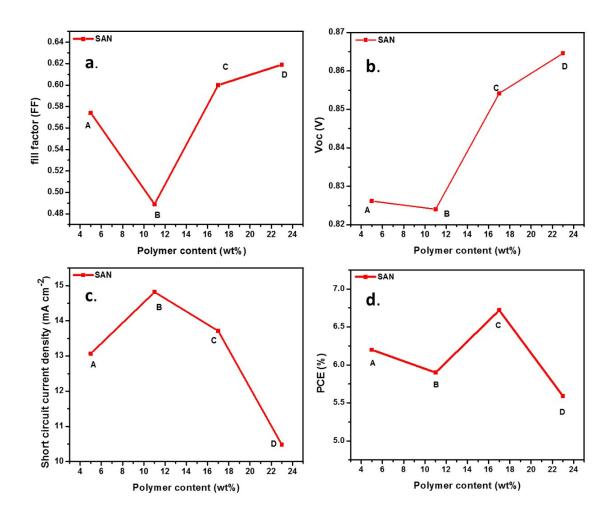


Figure S3: Variation in the photovoltaic properties of quasi solid state dye sensitized solar cells for different wt% of SAN based PGE.