

Supplementary Information

Cost-effective Sb-doped SnO₂ as stable and efficient alternative transparent conducting electrode for dye-sensitized solar cells

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S1. Energy dispersive X-ray (EDX) spectrum

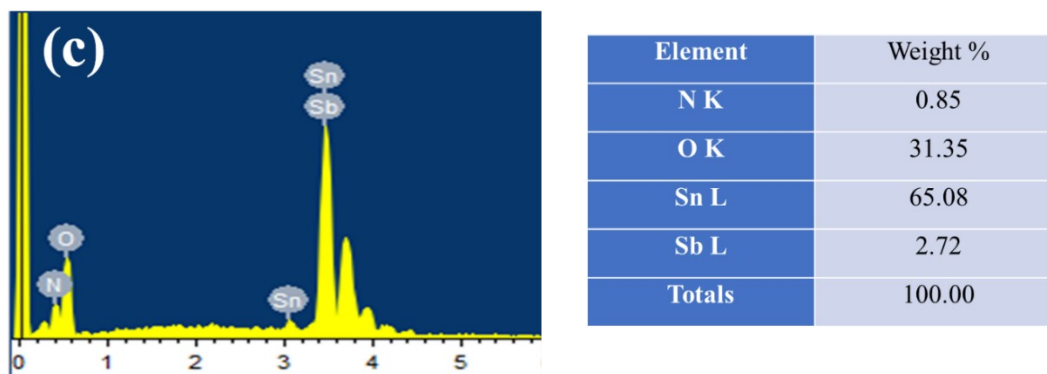


Fig. S1. EDX spectrum of ATO thin film showing the presence of constituent elements.

S2. Semi-log plot of the respective J-V characteristics

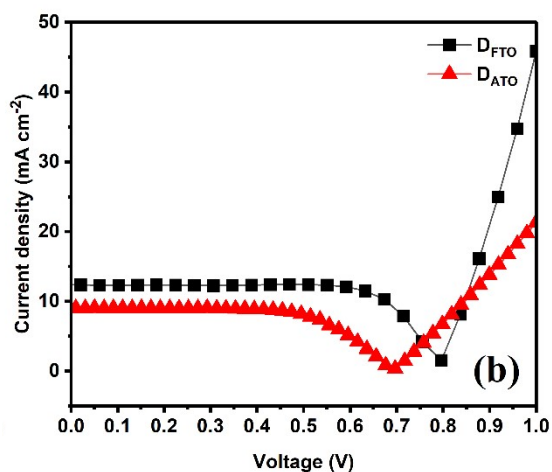


Fig. S2. Semi-log plots corresponding to the J - V characteristics measured under AM 1.5 G solar illumination of the D_{FTO} and D_{ATO} devices.

S3. Electrochemical impedance spectroscopy

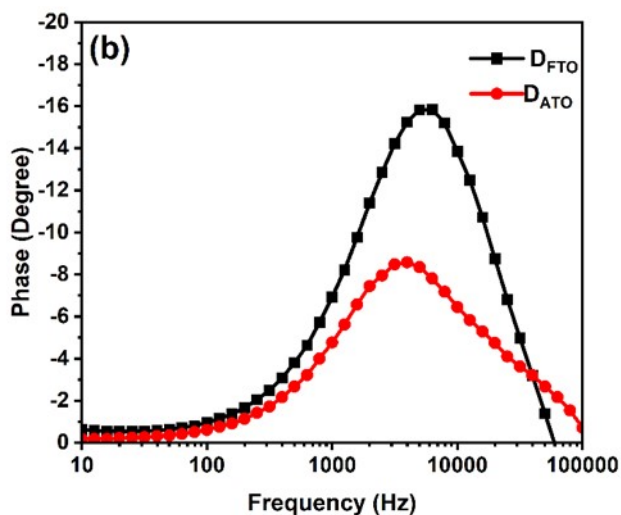


Fig. S3. Bode plot for DSSCs fabricated using the ATO and FTO conductive substrates.