

Supporting Information

For

In-situ Preparation of Novel Organo-Inorganic (6, 13-Pentacenequinone: TiO₂) coupled Semiconductor Nanosystem: A new Visible Light active Photocatalyst for Hydrogen Generation

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S1: Magnified FESEM images:

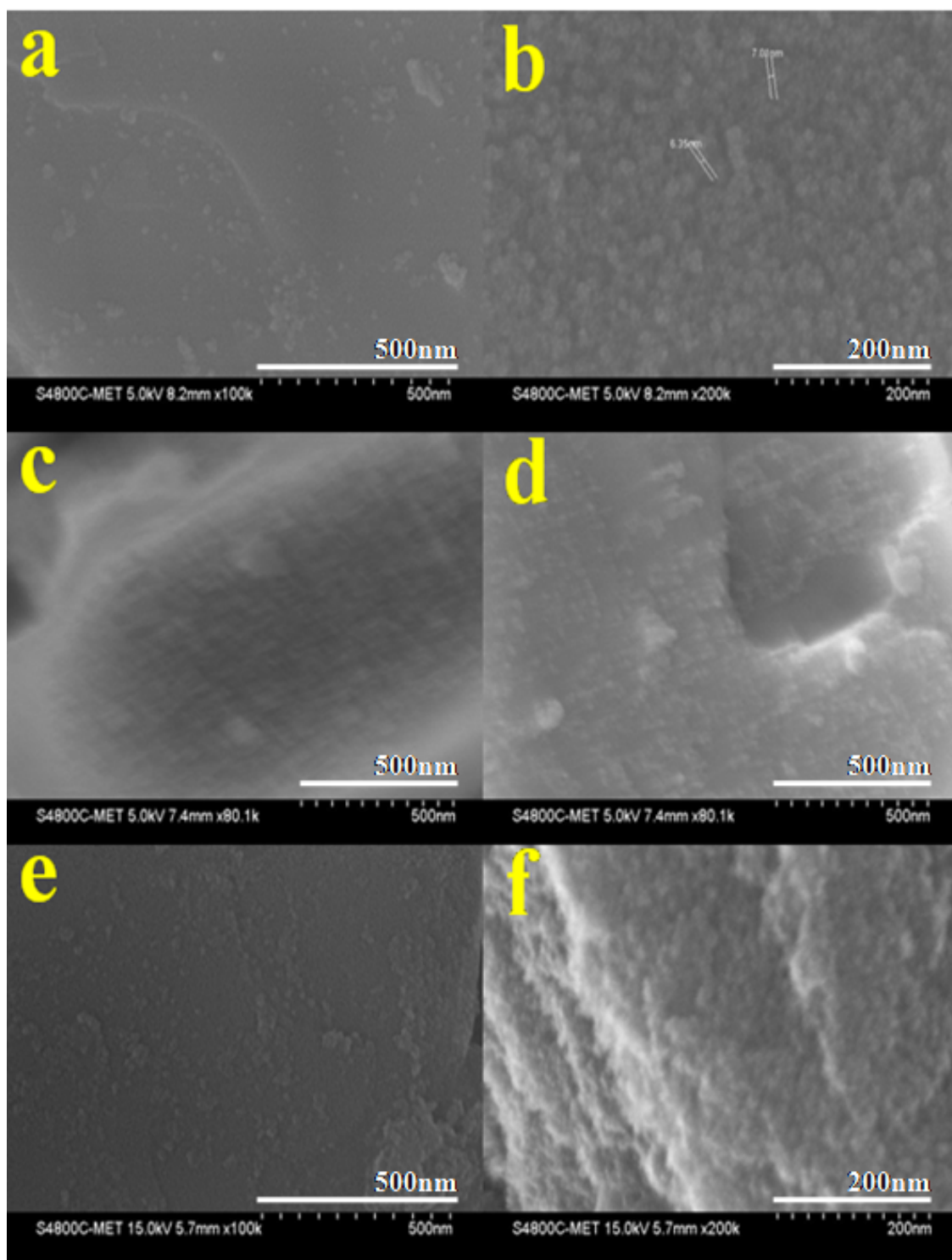


Figure S1 FESEM Micrographs of PQ: TiO_2 nanosystem where a, b) PT-5, c, d) PT-10 and e, f) PT-17

S2: High Magnified TEM images

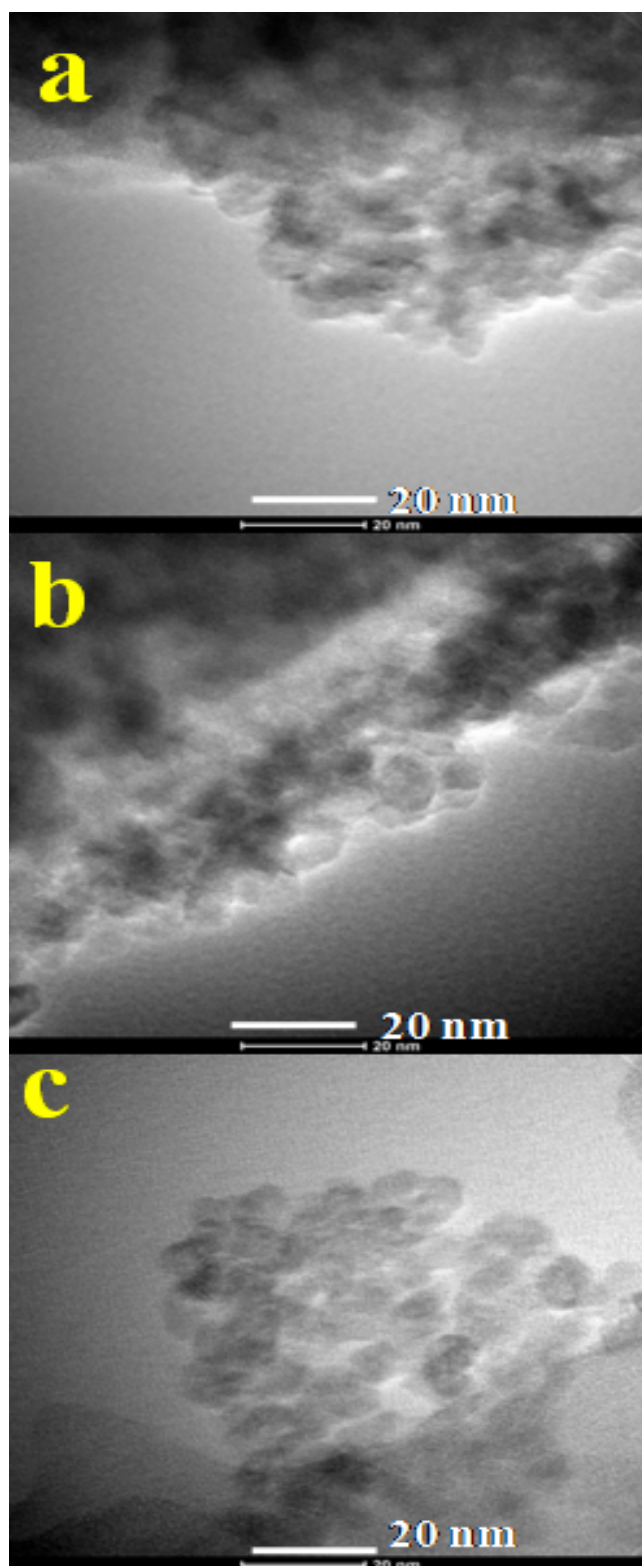


Figure S2 TEM Micrograph of PQ: TiO₂ nanosystems where, a) PT-5, b) PT-10 and c) PT-17

S3; The band gap using Tauc's plot

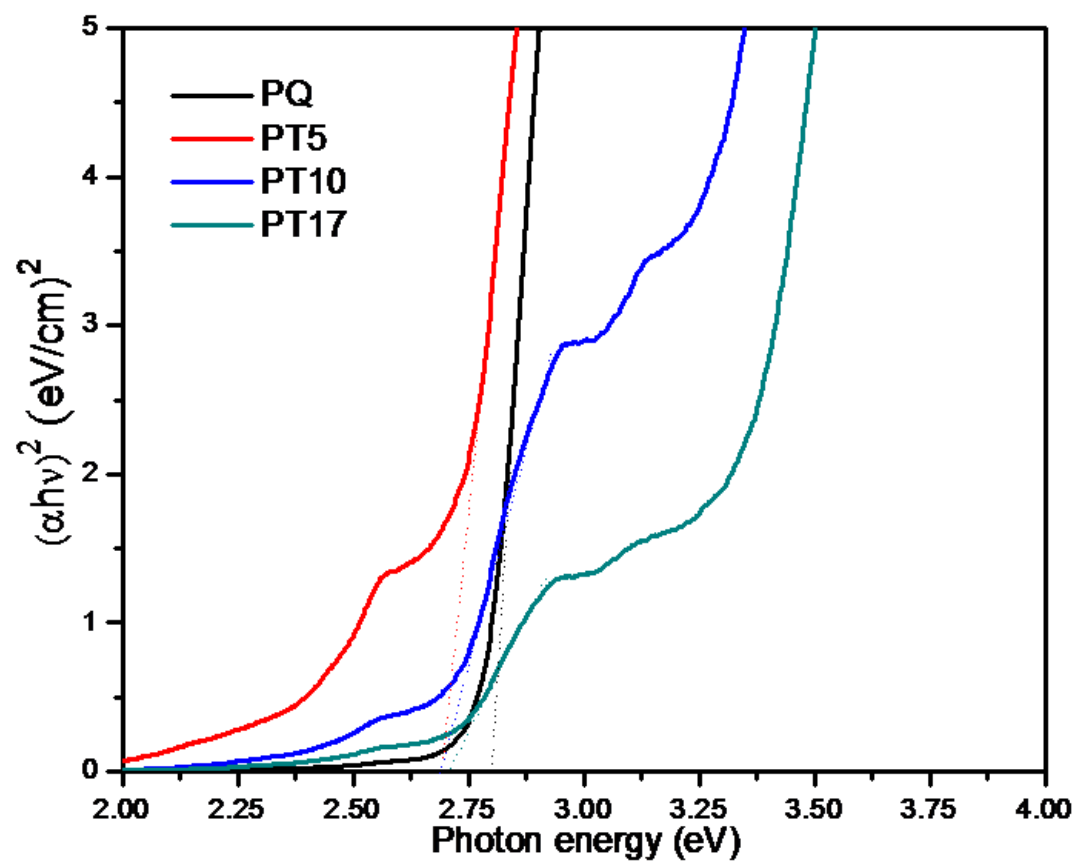


Figure S3 Tauc's Plot for PQ: TiO_2 Nanosystem