Electronic Supplementary Material (ESI) for RSC Advances

SUPPORTING INFORMATION

Highly photoactive heterostructures of PbO quantum dots on TiO_2

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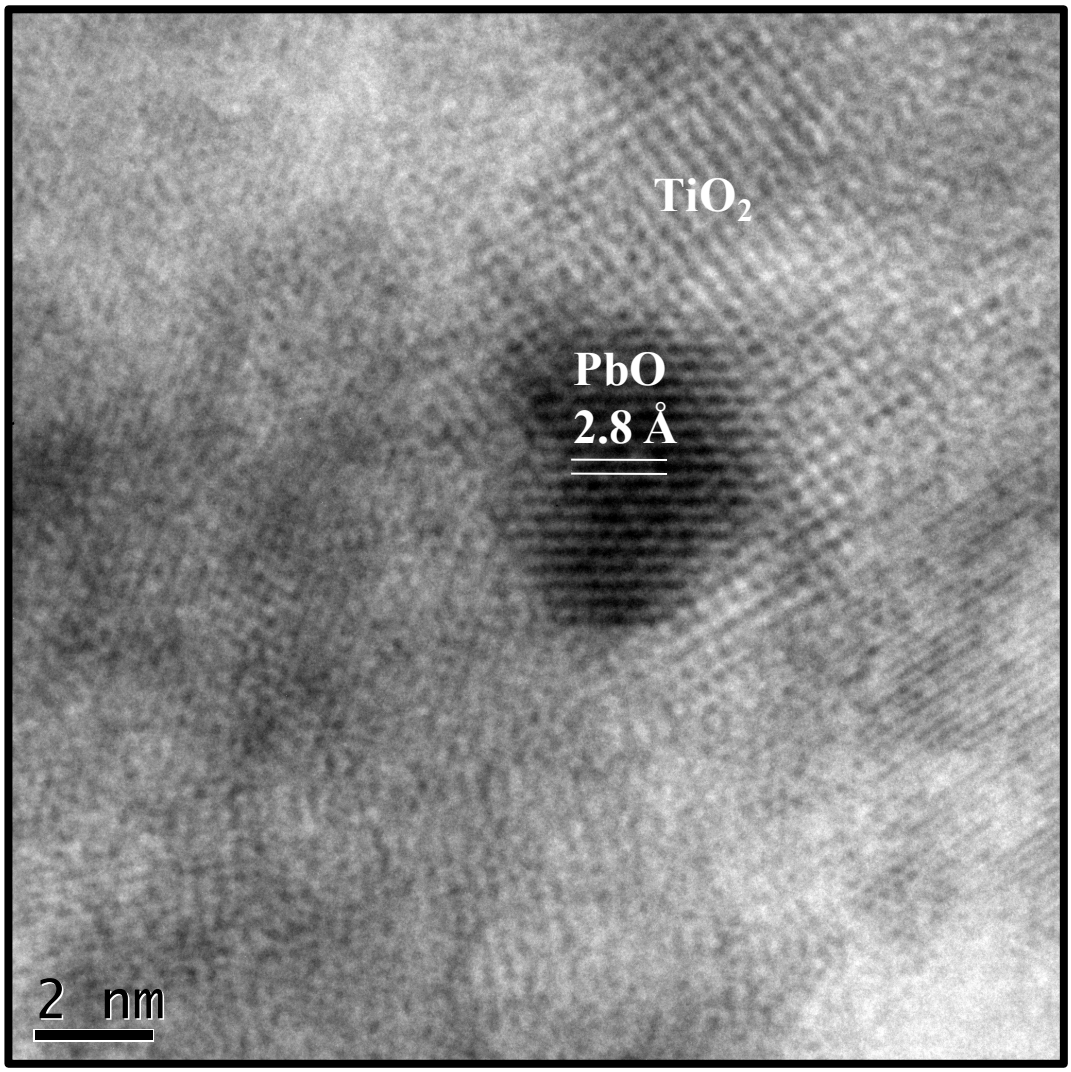

Fig. S1: HRTEM micrograph of PbO/TiO_2 shows that d-spacing of 2.8 Å corresponding to the (200) plane of PbO.

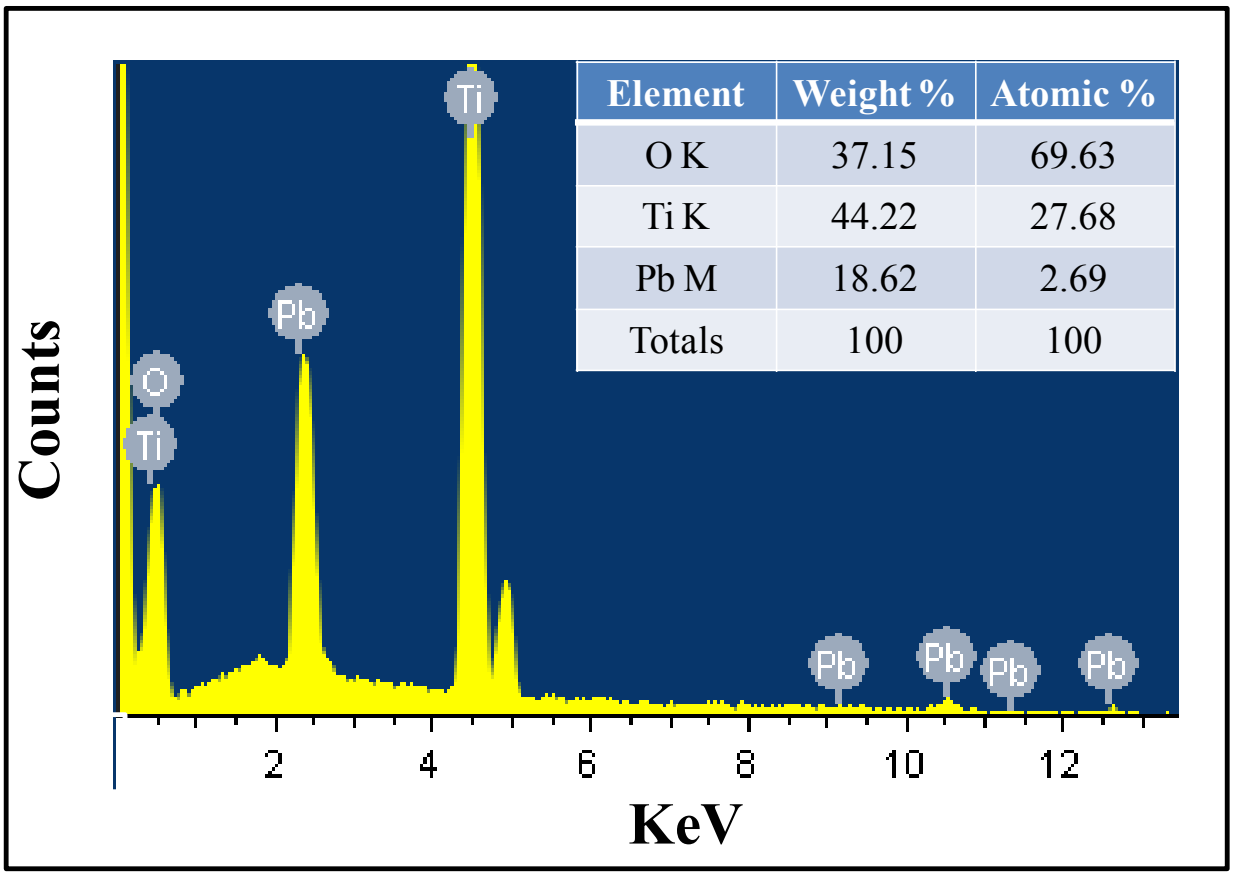

Fig. S2: EDS spectra of PbO/TiO_2 composite showing presence of Pb, Ti, O and with almost 10 atomic % of PbO.

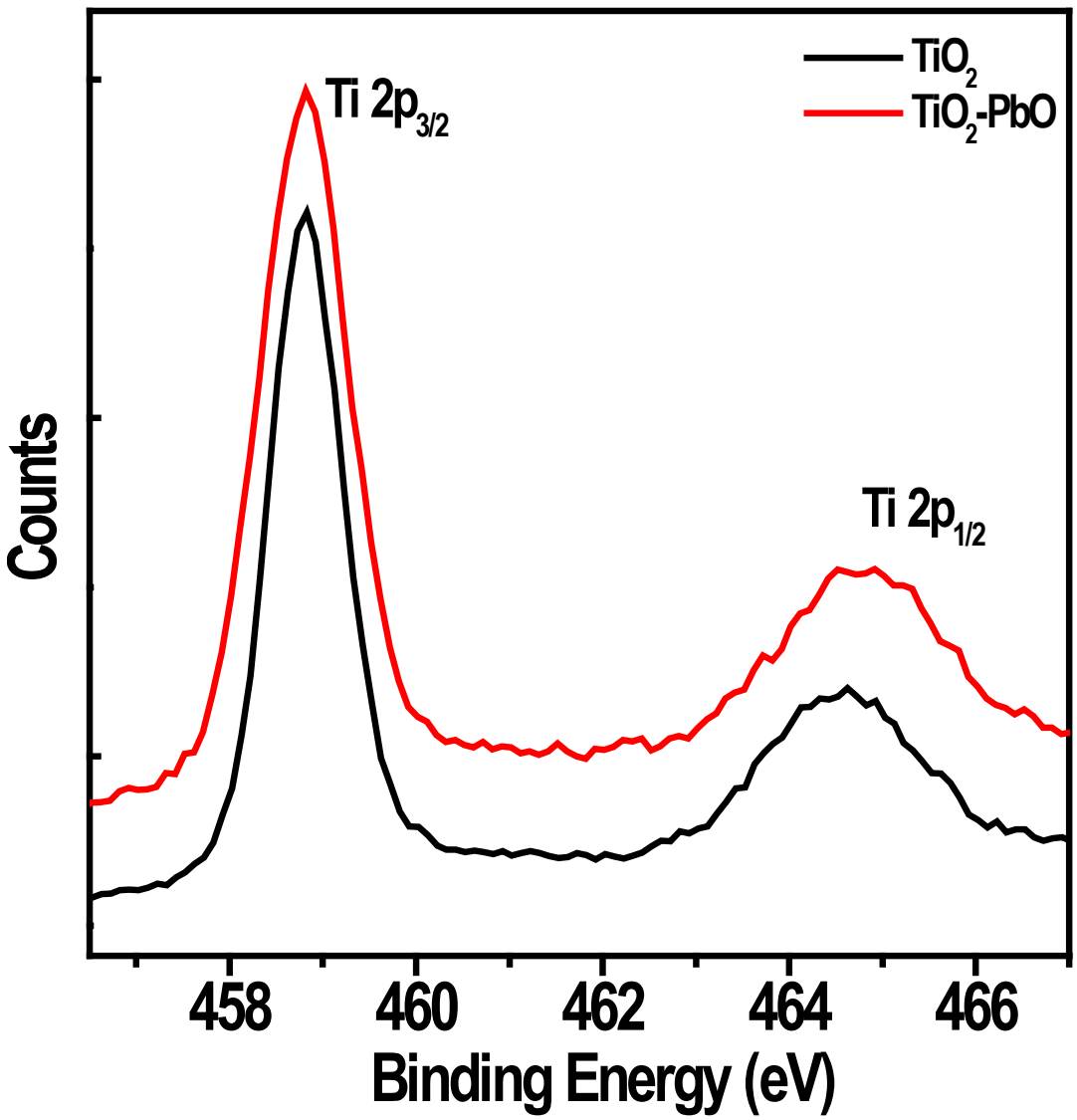

Fig. S3: XPS Ti 2p spectra of synthesized materials.