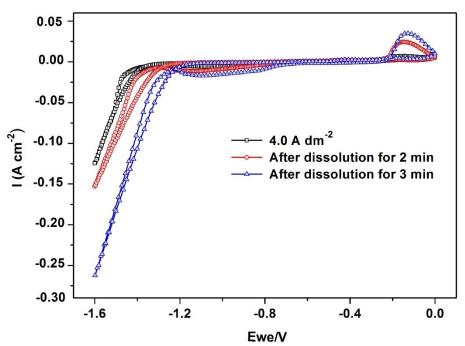
## Modification of Ni-P alloy coatings for better hydrogen production by electrochemical dissolution and TiO<sub>2</sub> nanoparticles

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## **Supplementary Information:**

Fig. S1 Variation in CV pattern with increase in dissolution time

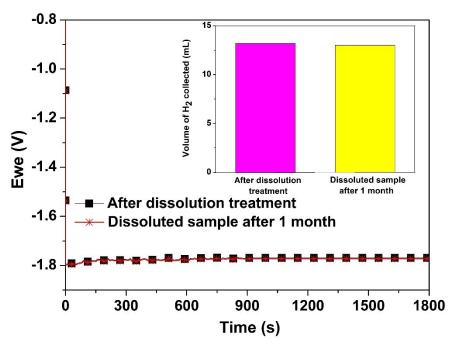


Fig. S2 Chronopotentiograms for anodically treated samples, just after dissolution treatment and 1month after dissolution

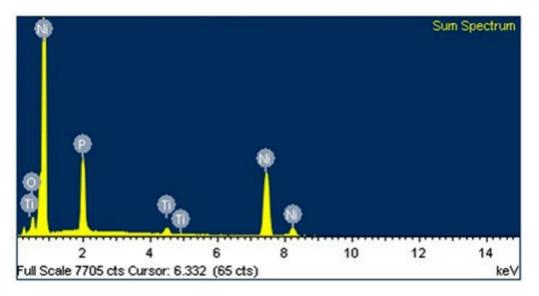


Fig. S3 The EDS data confirming the incorporation of  $\rm TiO_2$  in the deposit