



**Figure 1S :** (A-E) LSVs curves for synthesized CdO-ZnO-W-P<sub>2</sub>O<sub>5</sub> (CZWP) with different % of tungsten (A) 0.0 %W , (B) 0.5 %W, (C) 1.5 %W , (D) 2.0 %W and (E) 2.5 %W modified SPEs at different scan rates