

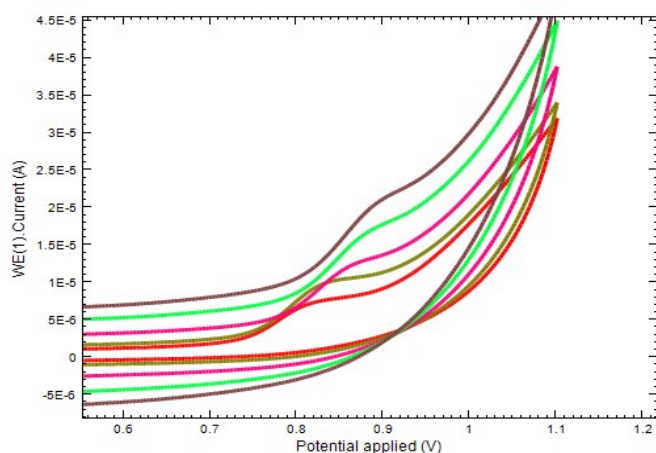
## Supplementary Material

### Bismuth Oxide Fabricated Pencil Graphite Sensor for Monitoring Hazardous Herbicide Diuron

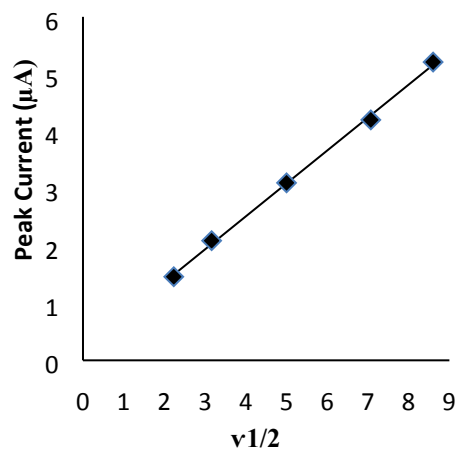
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<sup>a</sup>School of Studies in Environmental Chemistry, Jiwaji University, Gwalior-474011, India

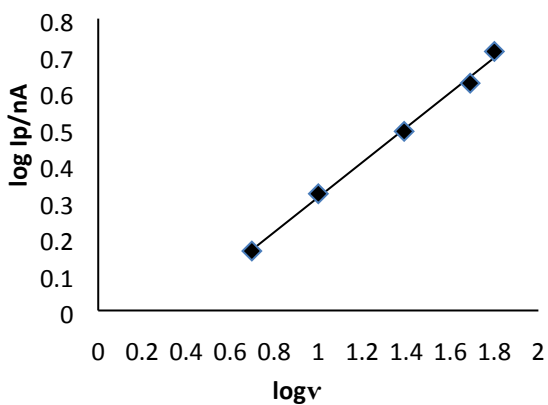
<sup>b</sup>School of Studies in Chemistry, Jiwaji University, Gwalior-474011, India



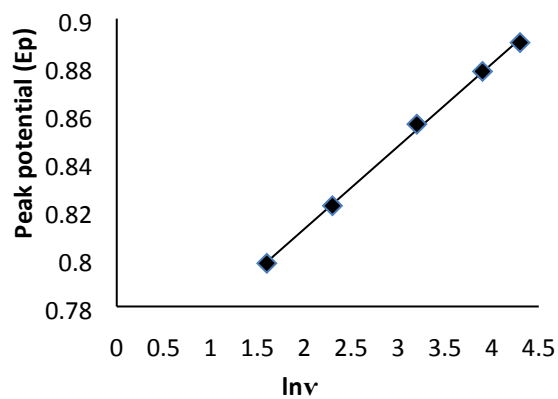
[a]



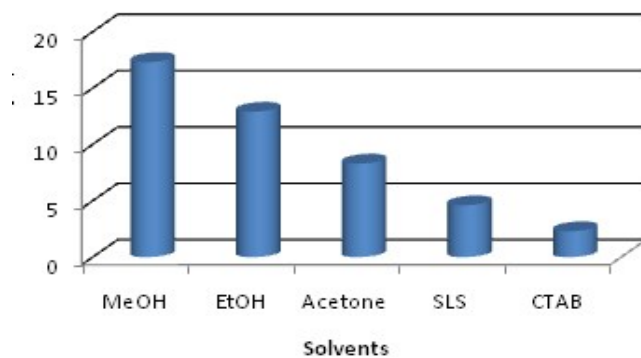
[b]



[c]

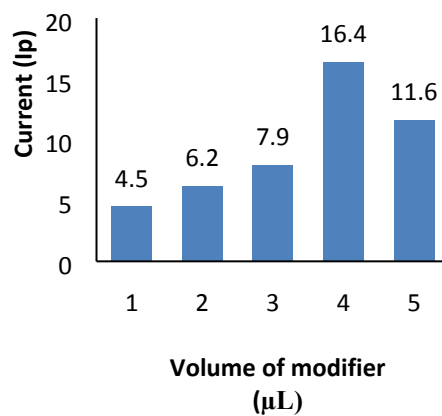


[d]



[e]

**Fig. 1ESI (a) Cyclic Voltammograms at different scan rate (10-100 mV s<sup>-1</sup>) (b) Plot of square root of scan rate vs current (c) plot of log  $v$  vs. log  $I_p$  current (d) plot of  $E_p$  vs.  $\ln v$  (e) Different solvents vs current**



**Fig.2ESI Volume of modifier vs current**