

Fig. 6: a) CV of bare graphite with 1 mM glucose in 0.1N NaOH b) CV of Gr/Zr-Cu electrode in 0.1N NaOH c) CV of Gr/Zr-Cu electrode with 1mM glucose in 0.1N NaOH

Fig. 7: a) Cyclic voltammograms of 1-10 mM glucose with scan rate of 100 mVs−1 at Gr/Zr-Cu electrode, (b) calibration graph of current v/s concentration of glucose.