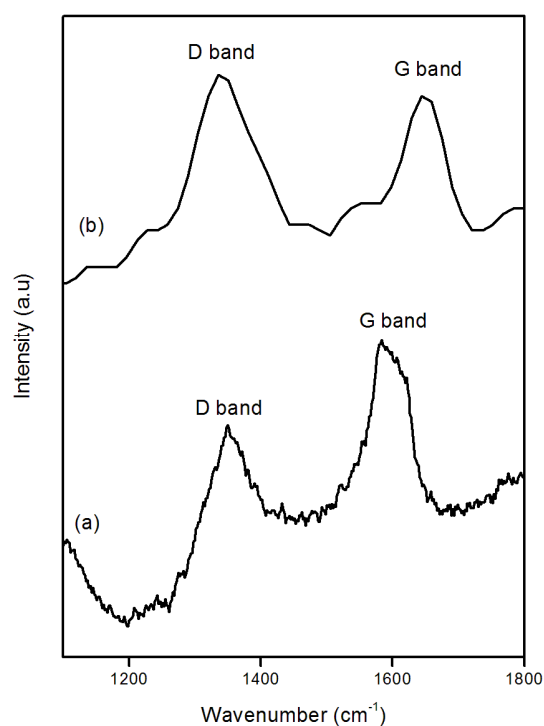


**Electrostatic fabrication of oleylamine capped nickel oxide nanoparticles anchored  
multiwall carbon nanotube nanocomposite: a robust electrochemical determination of  
riboflavin at nanomolar levels**

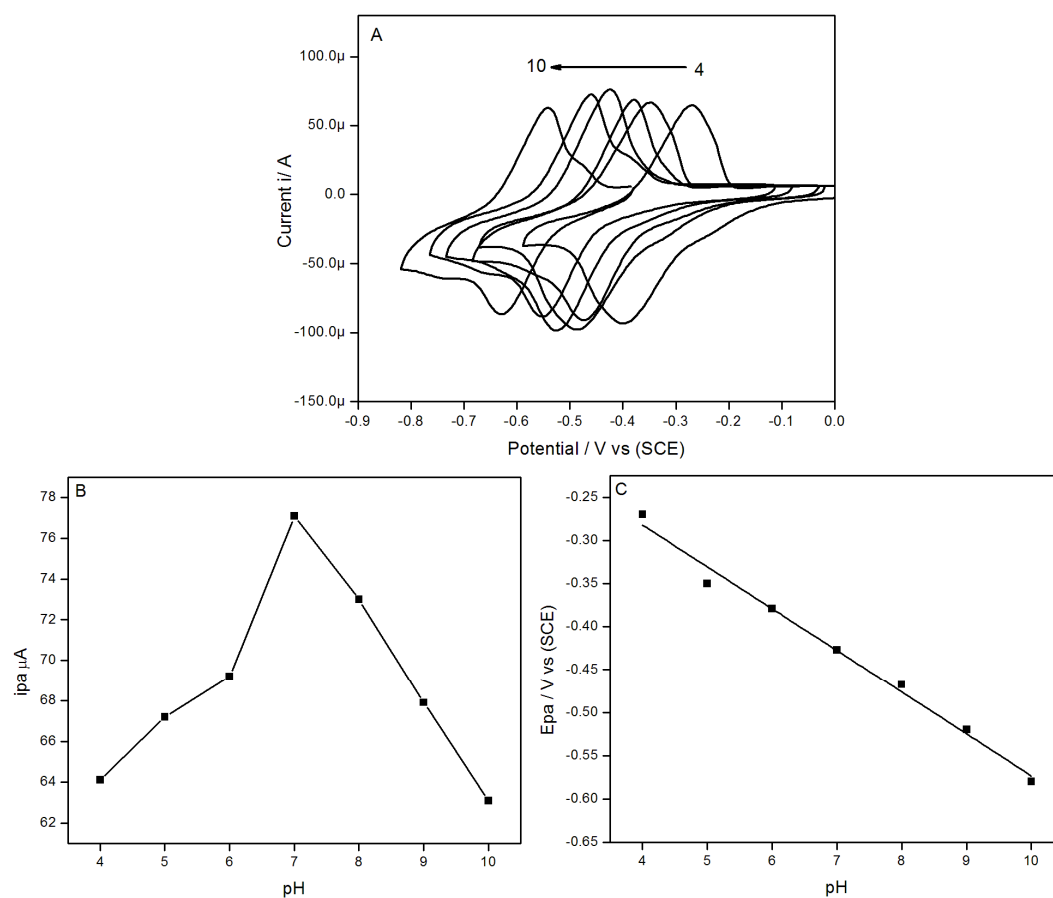
Deivasigamani Ranjith kumar, Devaraj Manoj, Jayadevan Santhanalakshmi \*

*\*Department of Physical Chemistry, University of Madras, Maraimalai Campus, Guindy,  
Chennai 600 025, India*

\*E-mail: [jslakshmi@yahoo.co.in](mailto:jslakshmi@yahoo.co.in)



**Figure S1** Raman spectra of (a) acid functionalized MWCNTs (b) 40 wt% loaded OLA-NiO/MWCNTs nanocomposite



**Figure S2** (A) CV for 0.2 mM RF on OLA-NiO/MWCNTs/GC in pH values of 4, 5, 6, 7, 8, 9 and 10. Scan rates: 50 mVs<sup>-1</sup>. (B) Plot of ipa versus pH values (C) Plot of Epa of RF peaks versus pH values.