

Supplementary information

Adsorption of antimicrobial peptide onto chitosan coated iron oxide nanoparticles fosters oxidative stress triggering bacterial cell death

Lipsa Leena Panigrahi^a, Shashank Shekhar^b, Banishree Sahoo^a, Manoranjan Arakha^{a*}

^a. Center for Biotechnology, Siksha 'O' Anusandhan (Deemed to be University), Bhubaneswar, 751003, Odisha, India. E-mail: marakha@soa.ac.in
^b. Indian Institute of Technology, Hyderabad, India

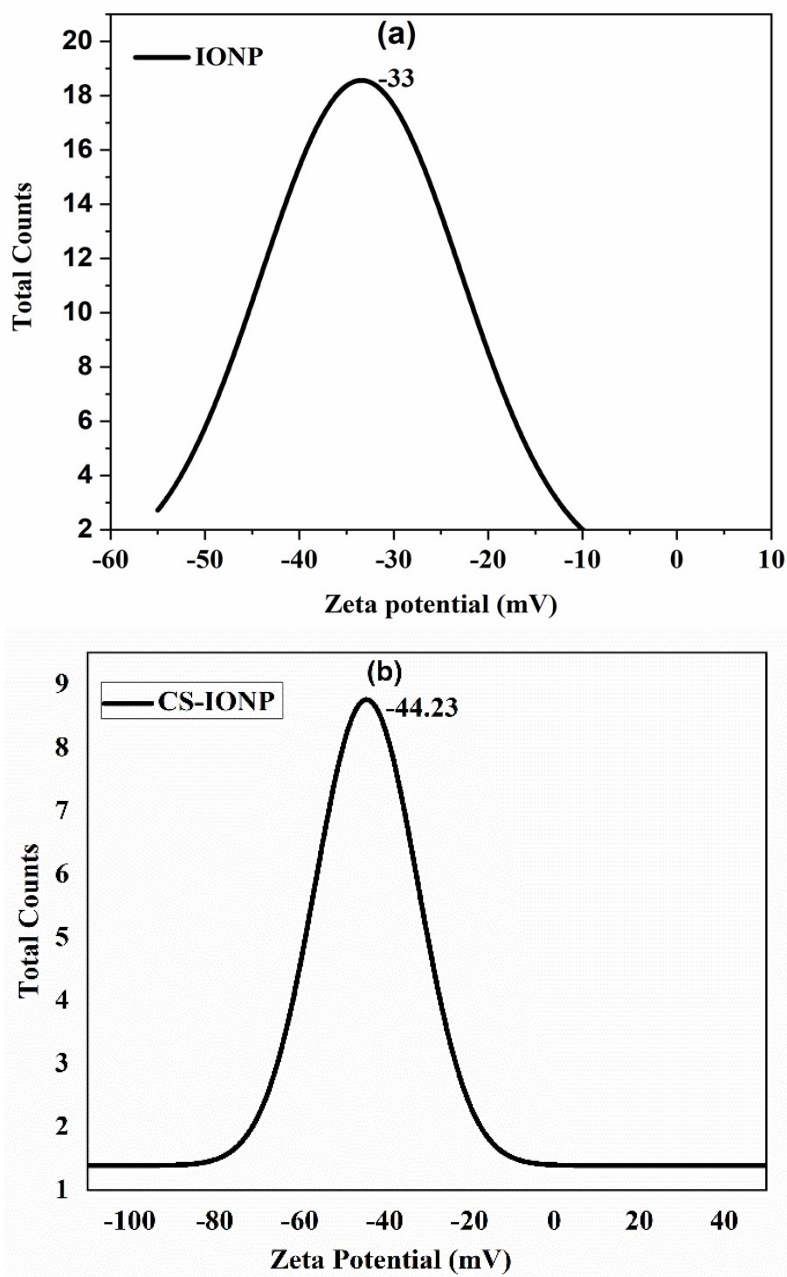


Fig. S 1. Zeta potential analysis of (a) Iron oxide nanoparticles (-33 mV) (b) Chitosan coated Iron oxide nanoparticles (CS-IONP) (-44.23 mV)