

# ***N,N*-Dimethylamino phenyl curcumin drug loaded Polyethylene Glycol-Chitosan incorporated Zinc Oxide nanoparticles for anti-arthritis activity**

K.Priyadharsini<sup>a,b</sup>, M.Anbuezhayan<sup>b\*</sup>

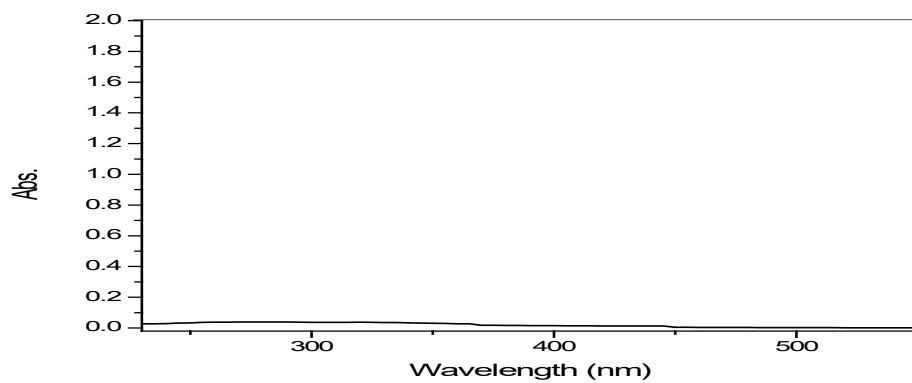
<sup>a</sup>*Department of Physics, Tagore Engineering College, Rathinamangalam, Chengalpattu Dt., TamilNadu, India.*

<sup>b</sup>*Department of Physics, SRM Valliammai Engineering College, Kattankulathur, Chengalpattu TamilNadu, India.*

**\*Corresponding author e-mail: [chezhiyan70@gmail.com](mailto:chezhiyan70@gmail.com)**

## **Supporting Information**

**SI Fig 1 UV-Visible spectrum of PEG**



**SI Fig 2 UV-Visible spectrum of chitosan**

