Electronic Supplementary Material (ESI) for RSC Advances.

Supplementary information

Green synthesis of silver nanoplates using special category of plant leaves showing lotus effect

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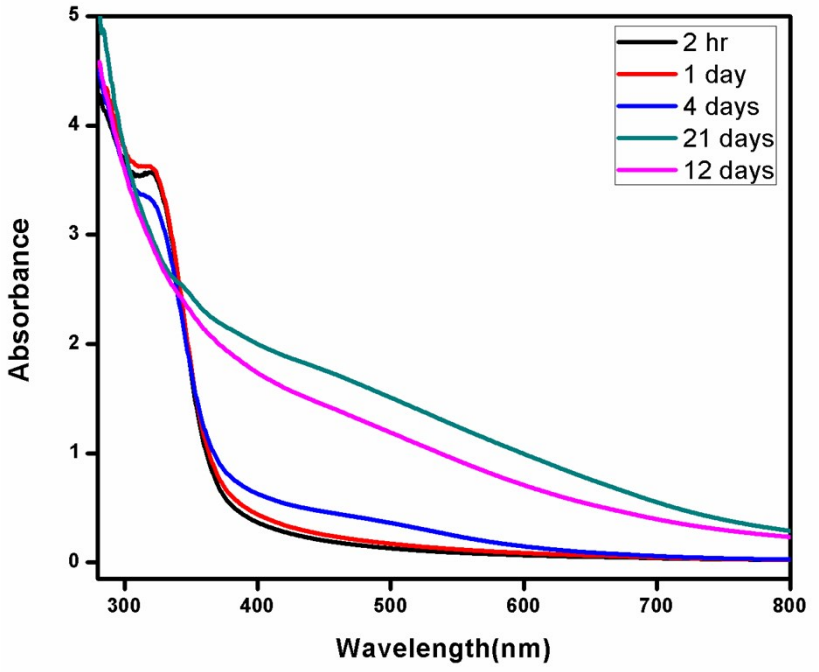

Figure S1: UV – Vis spectra of silver nanoplates synthesized using $AgNO_3$ and *Eichornia crassipes* leaf extract (1:1 ratio) as a function of time

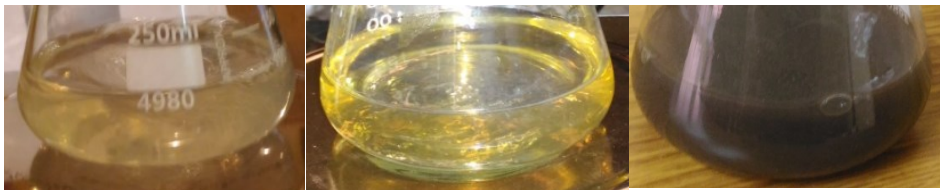

Figure S2: Successive colour changes during the synthesis of silver nanoplates synthesized using $AgNO_3$ and *Eichornia crassipes* leaf extract (1:1 ratio)

Figure S3: Successive colour changes during the synthesis of silver nanoplates synthesized using *Colocasia esculenta* leaf extract and $AgNO_3$ (1:2 ratio)

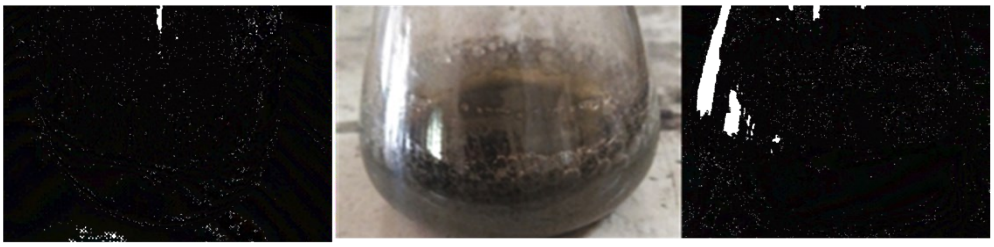

Figure S4: Successive colour changes during the synthesis of silver nanoplates synthesized using $AgNO_3$ and *Nelumbo nucifera* leaf extract (1:1 ratio)

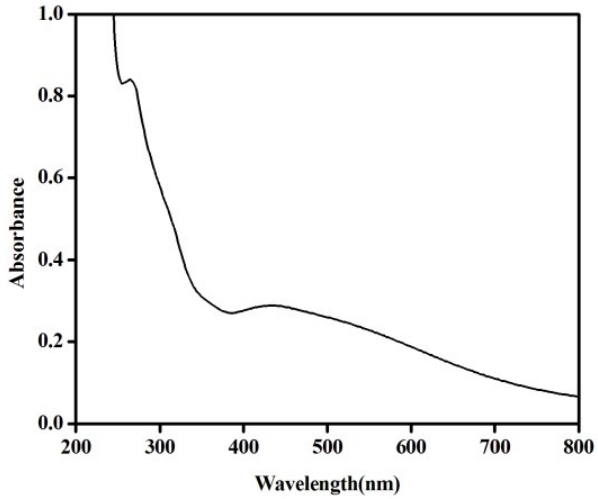

Figure S5: UV – Vis spectra of silver nanoplates synthesized using *Nelumbo nucifera* leaf extract and $AgNO_3$ (1:2 ratios)