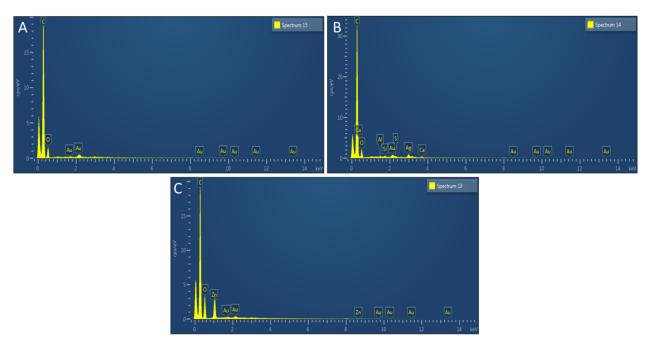
## Supplementary Information to Graphene Oxide Reinforced Silk Fibroin Nanocomposite as an Electroactive Interface for Estimation of Dopamine

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**Figure S1.** EDX spectra of (A) GO/CC, (B) SF/CC, and (C) C2/CC representing the elemental composition



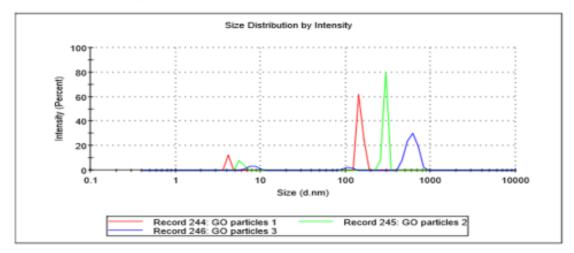


Figure S2. Particle size analysis of GO suspension by DLS

Results			Mean (mV)	Area (%)	St Dev (mV)
Zeta Potential (mV):	-8.42	Peak 1:	-8.42	100.0	4.42
Zeta Deviation (mV):		Peak 2:	0.00	0.0	0.00
Conductivity (mS/cm):	0.0657	Peak 3:	0.00	0.0	0.00
Result quality :	Good				
		Zeta Potential D	Distribution		
e000001			1 E		
500000			A::		
£ 400000			<b>M</b>		
5			E		
2000000					
200000					
100000		· · · · · . ] ·			
•			:(		
	-100		0	100	200
		Apparent Z	eta Potential (mV)		

Figure S3. Zeta potential measurement of GO suspension by DLS

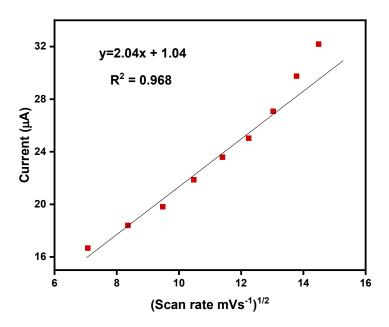


Figure S4. Linear relationship between square root of scan rate and anodic peak current