Biowaste derived graphene quantum dots interlaced with SnO$_2$ nanoparticles – A dynamic disinfection agent against *Pseudomonas aeruginosa*

Anu N Mohan$^a$ and Manoj B$^a$

NEW JOURNAL OF CHEMISTRY

Supplementary Information

**Figure S1: FTIR spectra of SB, SB-HS and SBT**

**Figure S2: EDS spectra of SB, SB-HS and SBT**

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$^a$Materials Science Research Laboratory, Department of Physics and Electronics, CHRIST (Deemed to be University), Dharmaram P. O., Bengaluru-560029, Karnataka, India.

†*Corresponding Author - Email: anumnohan@gmail.com

Electronic Supplementary Information (ESI) available: [Supplementary File].
Figure S3: XPS spectra of SB

Figure S4: (a-b) HRTEM images and (c) SAED pattern of SB

Figure S5: (a) Particle size histogram and (b) SAED pattern of SB-HS
Figure S6: (a) Particle size histogram and (b) SAED pattern of SBT

Figure S7: PL spectra of SB