**Supporting information for**

**‘Polycation’ modified PVDF based antibacterial and antifouling membranes and ‘point of use supports’ for sustainable and effective water decontamination**

Paresh Kumar Samantaray a#, b, Saurabh Kumar a#, and Suryasarathi Bose a\*

a Department of Materials Engineering, Indian Institute of Science, Bangalore, Karnataka, India-560012

b Centre for BioSystems Science and Engineering, Indian Institute of Science, Bangalore, Karnataka, India-560012

# Equal contribution

**\*Corresponding author:** sbose@iisc.ac.in

List of figures:

1. Re-usability assessment of ceramic coated balls with *E.coli* and *S.aureus* bacterial models
2. Re-usability assessment of ceramic coated balls with *E.coli* and *S.aureus* bacterial models

**S1:** % dead bacteria observed in plate-count after 5 cycles of wash and re-use of GN ceramic ball and SP ceramic ball with (a) *E.coli* and (b) *S.aureus* bacterial models respectively.