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Supplementary Information

Economically Viable N-doped Graphene Aerogel for the Photodegradation of Structurally Different Dyes and a Plant-model based Environmental Assessment

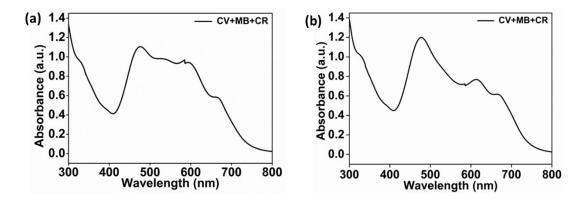


Figure S1. UV- visible absorption spectrum of mixture of dyes (CV + MB + CR): (a) 5, 10, 20 mg L⁻¹; (b) 12.5, 62.5, and 50 mg L⁻¹ for CV, MB, and CR, respectively.

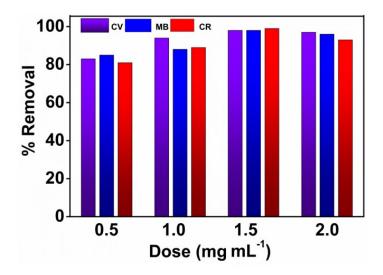


Figure S2. Bar graph showing dye degradation from the mixture of dyes (CV + MB + CR) at various N-GA doses.

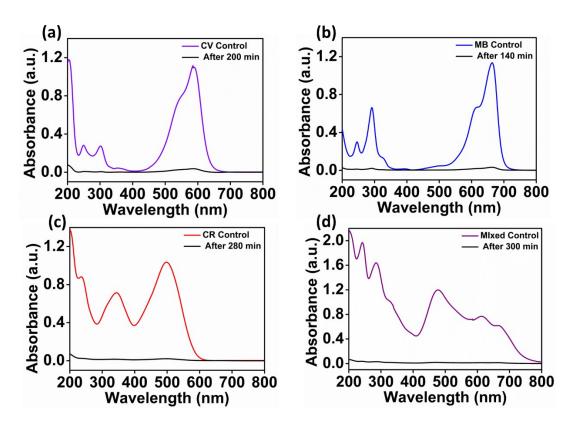


Figure S3. UV- Visible absorption spectra showing photocatalytic degradation of **(a)** CV, **(b)** MB, **(c)** CR, and **(d)** mixture of dyes (CV + MB + CR).