



Article

Green Synthesis of High Temperature Stable Anatase Titanium Dioxide Nanoparticles Using Gum Kondagogu: Characterization and Solar Driven Photocatalytic Degradation of Organic Dye

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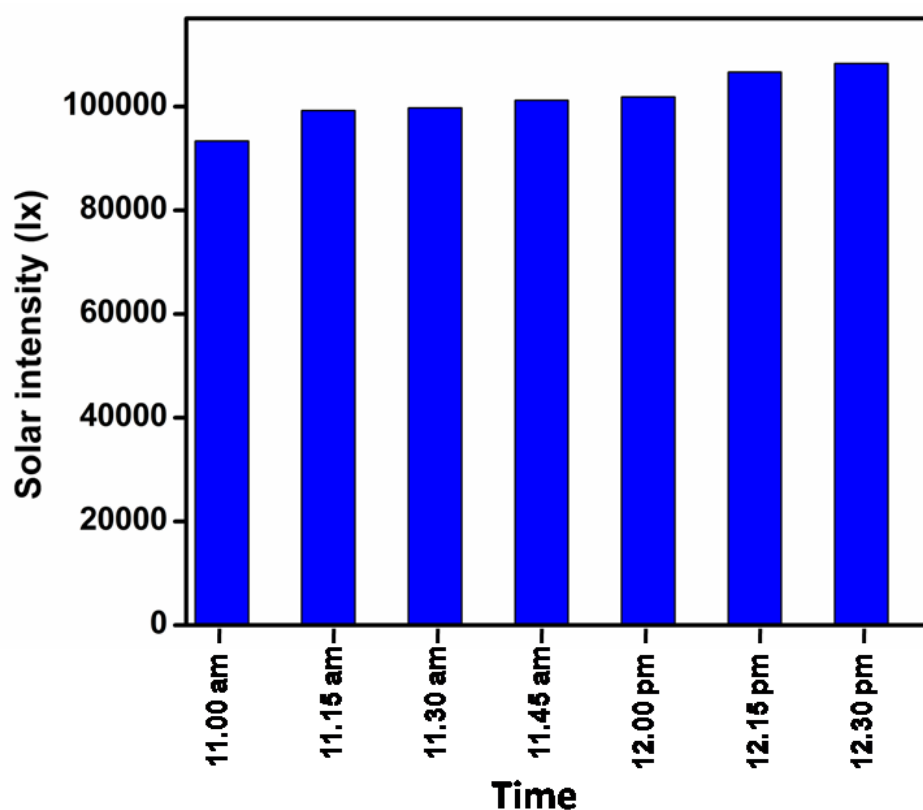


Figure S1. The intensity of solar light measured throughout the experiment (range 100,000 Lux).

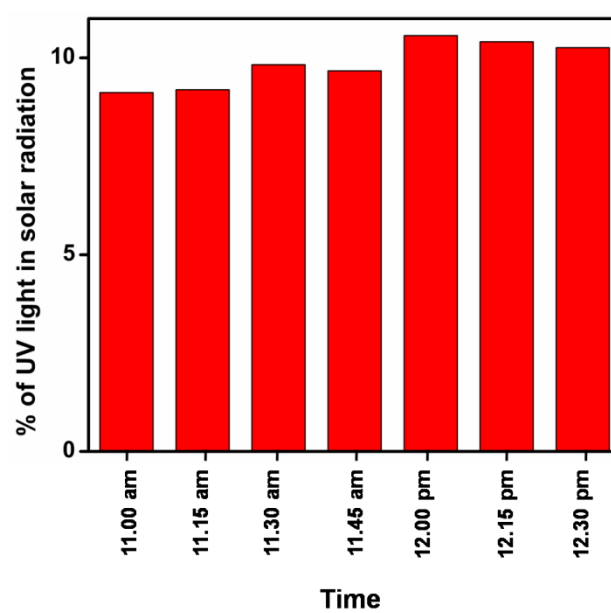


Figure S2. The % of UV intensity in solar radiation at various intervals of time.



Figure S3. The solar UV intensity measurement using Lux meter and UV filtering goggles.

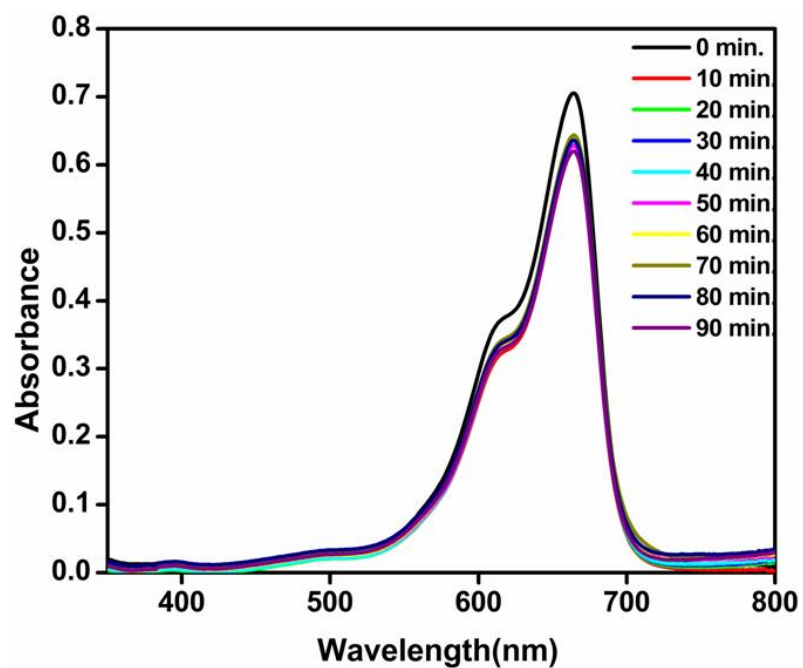


Figure S4. UV-visible spectra of MB over various time intervals after treatment with TiO_2 nanocatalyst under dark condition.

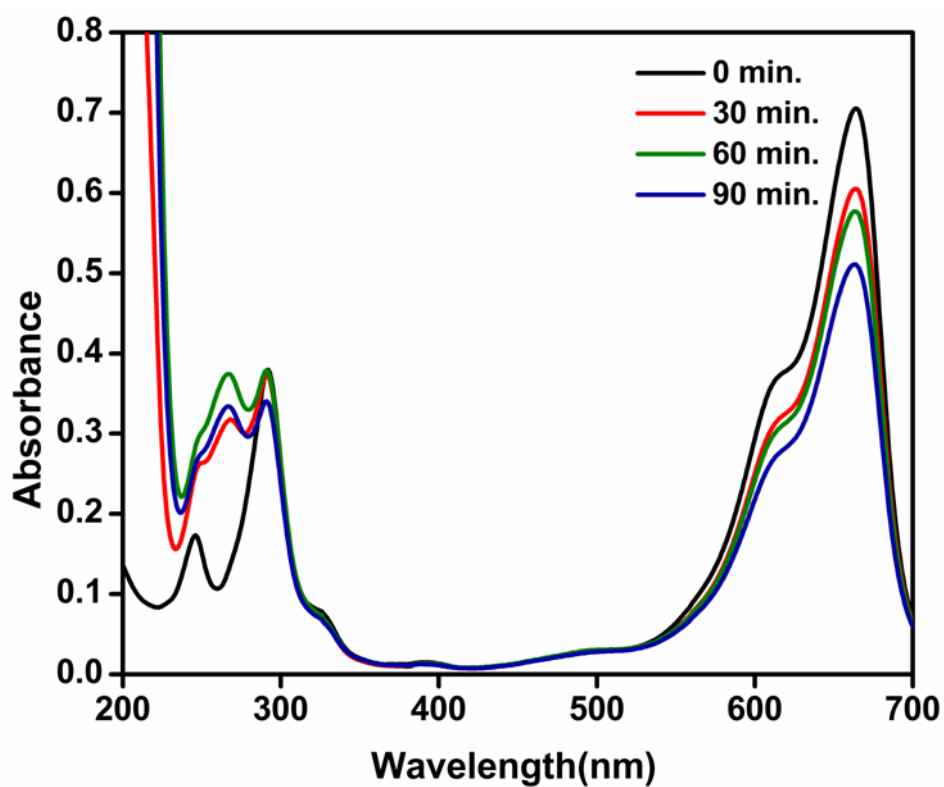


Figure S5. UV-visible spectra of MB over various time intervals in the absence of TiO_2 nanocatalyst.