

Table S1. COD values of real industrial wastewater using commercial nano zinc oxide, and ZQDs samples during photocatalysis by Sunlight.

Investigated Date	COD before treatment	COD Value (ppm)		
		Z1 (6.9 nm)	Z2 (8.3 nm)	Nano ZnO (25–30 nm)
3/2/2021	7020	790	978	1299
4/2/2021	6875	737	892	1152
7/2/2021	6378	658	808	925
8/2/2021	6544	702	842	954
9/2/2021	6101	620	775	887

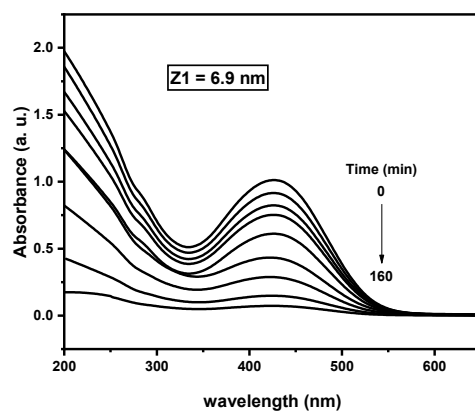


Figure S1. Absorption spectra for photodegradation process of Reactive Yellow Dye in presence of $Z1 = 6.9 \text{ nm}$

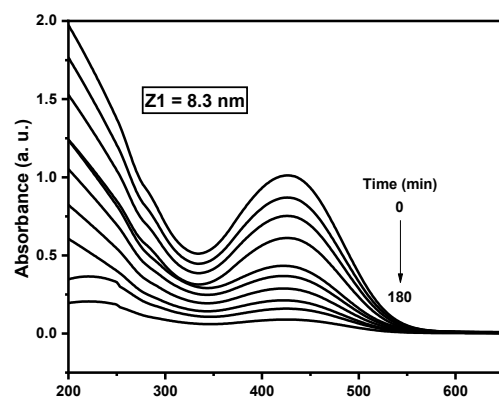


Figure S2. Absorption spectra for photodegradation process of Reactive Yellow Dye in presence of Z2 = 8.3 nm