

Supplementary Information: Highly Crystalline Ordered Cu doped TiO₂ Nanostructure by Unique Paper Templated Method: Hydrogen Production and Dye Degradation under Natural Sunlight

Gajanan Kale ¹, Sudhir Arbuj ¹, Ujjwala Chothe ¹, Supriya Khore ¹, Latesh Nikam ² and Bharat Kale ^{1,*}

¹ Centre for Materials for Electronics Technology (C-MET), Ministry of Electronics and Information Technology (MeitY), Government of India, Panchawati off Pashan Road, Pune –411008, India; gajanan.kale032@gmail.com (G.K.); sudhir1305@gmail.com (S.A.); k.ujjwala@yahoo.com (U.C.); supriyakhore3@gmail.com (S.K.)

² Department of chemistry, BaburaojiGholap College, Sangavi, Pune, 411027, India; latesh.nikam@gmail.com

* Correspondence: bbkale@cmec.gov.in or kbbb1@yahoo.com; Fax: +91 20 2589 8390; Tel: +91 20 2589 9273

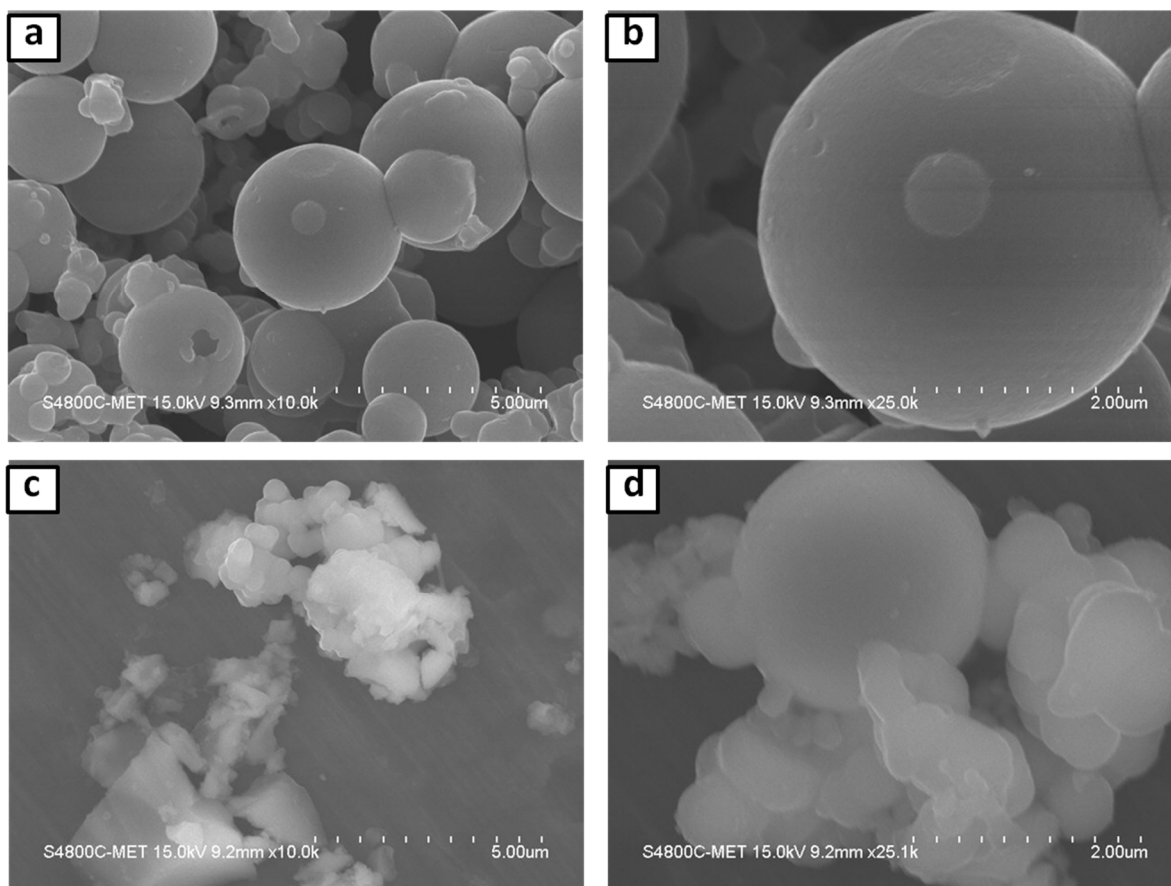


Figure S1. FE-SEM images without template for pure TiO₂ (a,b) and Cu doped TiO₂ (c,d).

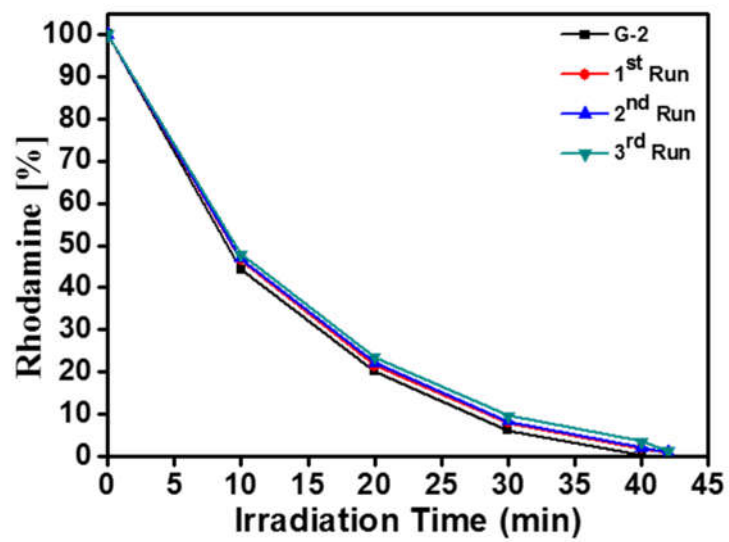


Figure S2. Reusability study of G-2 (2%) for RhB dye degradation under similar condition.

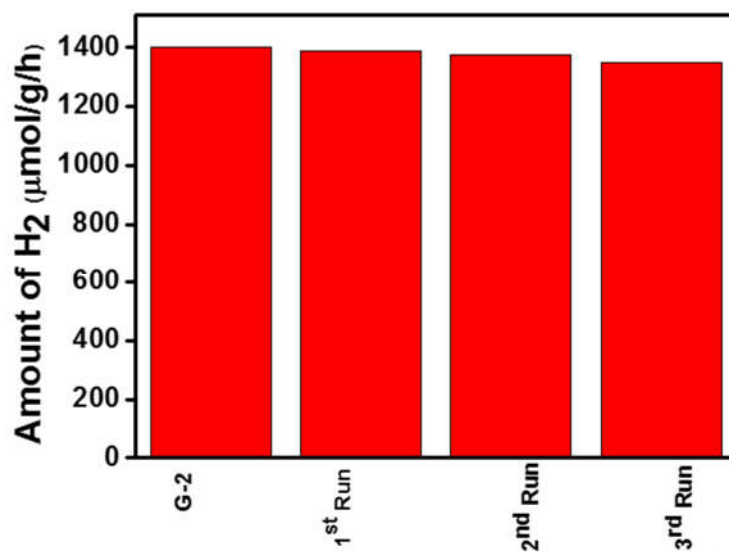


Figure S3. Reusability study of G-2 (2%) for photocatalytic water splitting under similar condition