

Copper(II) and Cobalt(III) Schiff's Base Complexes with Hydroxy Anchors as Sensitizers in Dye-Sensitized Solar Cells (DSSCs)

Chiteri Gautam,^a Devyani Srivastava,^a Gabriele Koicok-Köhn,^b Suresh W. Gosavi,^c Vinod K. Sharma,^a Ratna Chauhan,^{d*} Dattatray J. Late,^e Abhinav Kumar^{a*} and Mohd. Muddassir^f

^a*Department of Chemistry, Faculty of Science, University of Lucknow, Lucknow 226 007, India*

Email: abhinavmarshal@gmail.com

^b*Material and Chemical Characterisation Facility (MC²), University of Bath, Bath, BA27AY, UK*

^c*Department of Physics, Faculty of Science, Savitribai Phule Pune University, Pune 411007, India*

^d*Department of Environmental Science, Savitribai Phule Pune University, Pune 411007, India*

Email: ratnasingh.bhu@gmail.com

^e*Centre for Nanoscience and Nanotechnology Amity University Maharashtra, Mumbai- Pune Expressway, Bhatan, Post Somatne, Panvel, Mumbai, Maharashtra 410206, India*

^f*Department of Chemistry, College of Sciences, King Saud University, Riyadh 11451, Saudi Arabia*

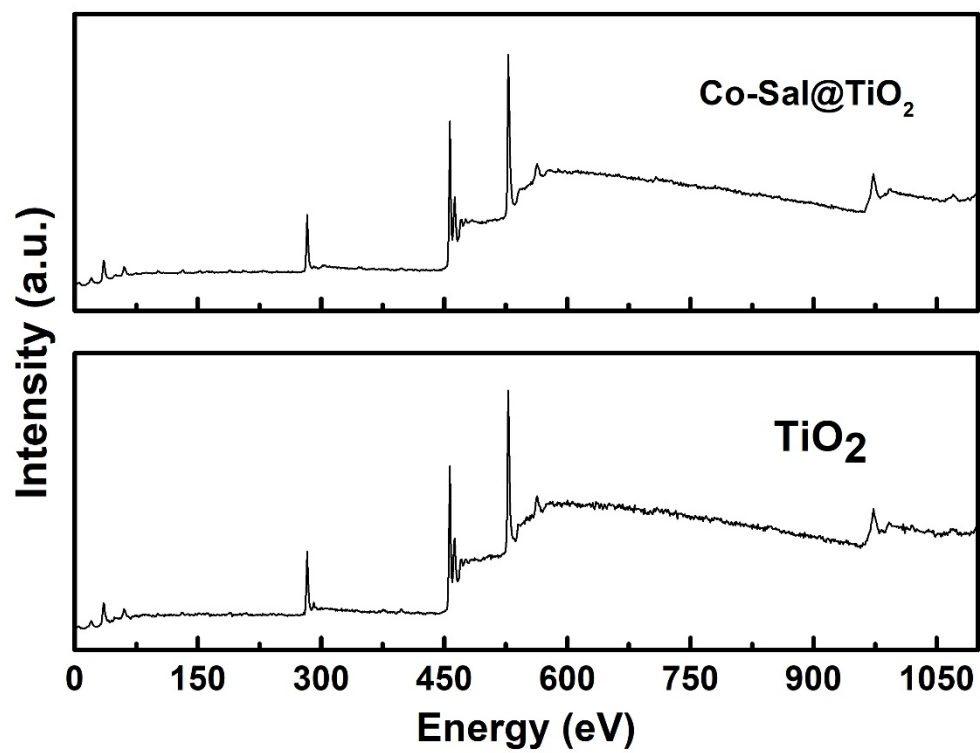


Fig. S1 Full XPS spectra for bare TiO₂ and Co-Sal@TiO₂

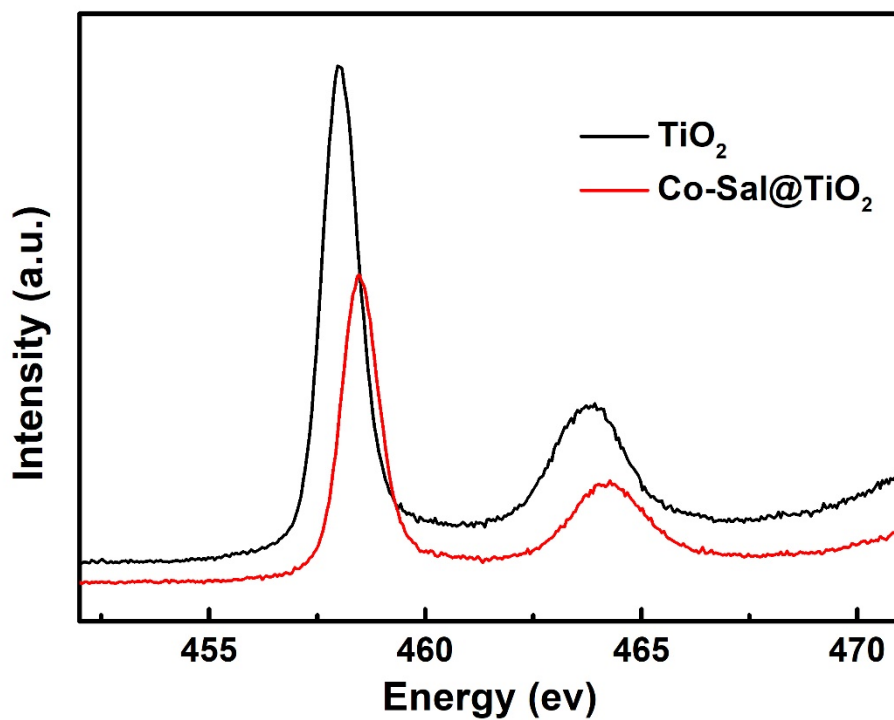


Fig. S2 XPS for Ti_{2p} for TiO₂ and Co-Sal@TiO₂

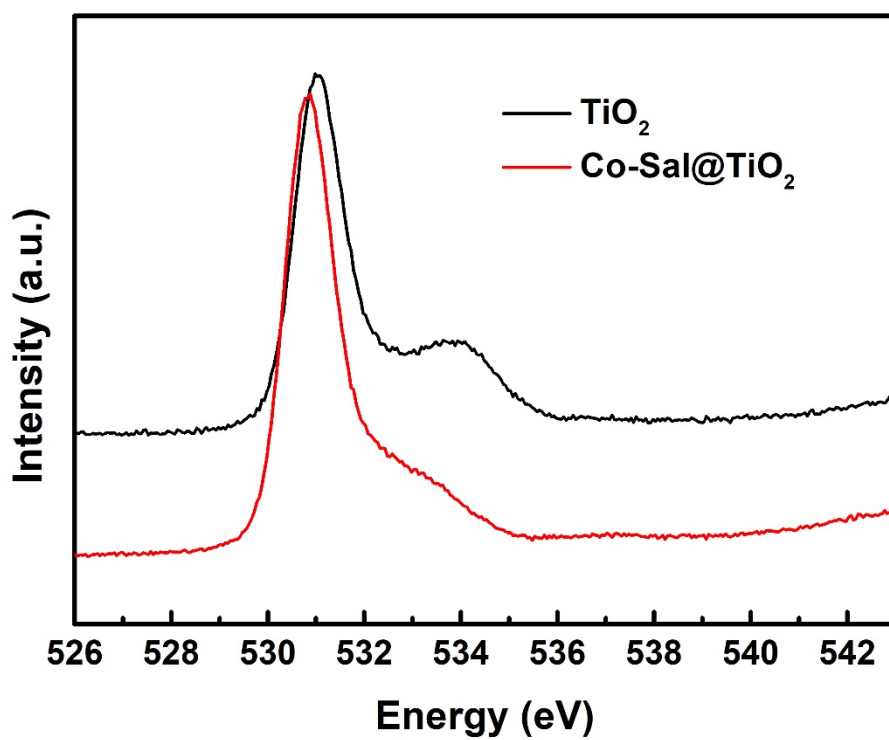


Fig. S3 XPS for O_{1s} for TiO₂ and Co-Sal@TiO₂.