

†Electronic Supplementary Information

A novel Supramolecular Zn(II)-Metallogel: An Efficient Microelectronic Semiconducting Device Application

Kripasindhu Karmakar,^{a,‡} Arka Dey,^{b,‡} Subhendu Dhibar,^{*a} Rajib Sahu,^c Subham Bhattacharjee,^d Priya Karmakar,^a Priyajit Chatterjee,^e Aniruddha Mondal,^b Bidyut Saha^{*a}

^aColloid Chemistry Laboratory, Department of Chemistry, The University of Burdwan, Golapbag, Burdwan-713104, West Bengal, India

^bDepartment of Physics, National Institute of Technology Durgapur, Durgapur-713209, West Bengal, India

^cMax-Planck-Institut für Eisenforschung GmbH, Max-Planck-Str. 1, 40237 Düsseldorf, Germany.

^dDepartment of Chemistry, Kazi Nazrul University, Asansol-713303, West Bengal, India.

^eUniversity Science Instrumentation Centre, The University of Burdwan, Golapbag, Burdwan-713104, West Bengal, India.

*E-mail: sdhibar@scholar.buruniv.ac.in (S Dhibar); b_saha31@rediffmail.com (B. Saha)

‡KK and AD should be treated as joint first authors.

TEM Image of Zn-AA Metallogel:

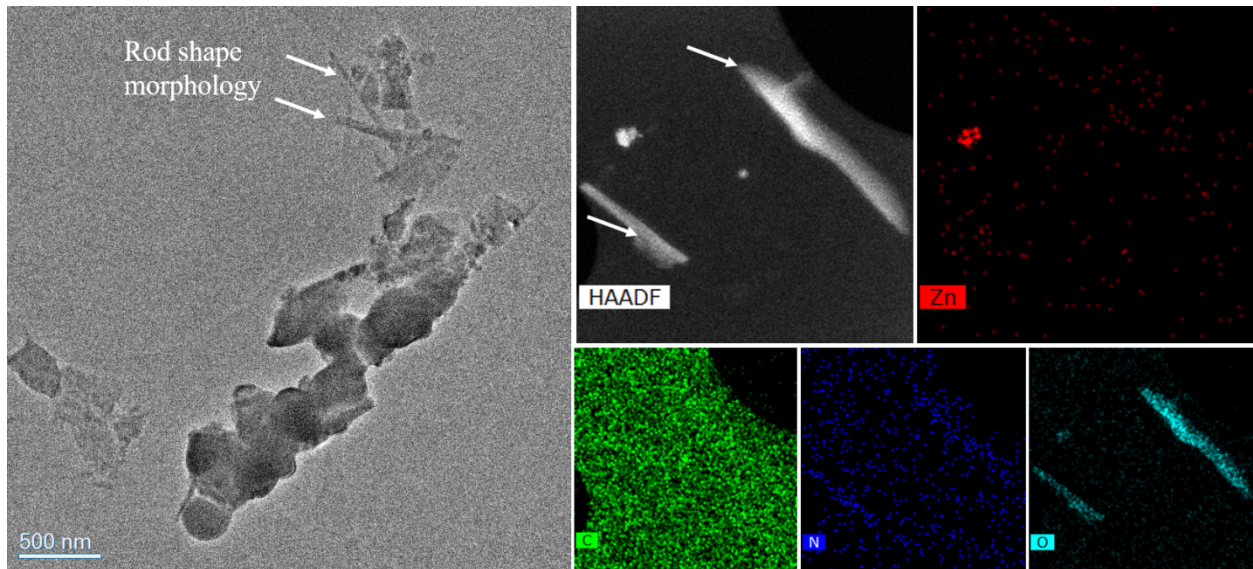


Fig S1: Bright field TEM shows rod shaped morphology. Elemental mapping is acquired by STEM EDX'.