Electronic Supplementary Material (ESI) for Sustainable Energy & Fuels. This journal is © The Royal Society of Chemistry 2020

Synthesis of 3D Marigold Flower-Like rGO/BN/Ni(OH)₂ Ternary Nanocomposites for Supercapacitor Applications

Murugesan Krishnaveni^a, Cini M. Suresh^a, Jerry J Wu^b, Abdullah M. Asiri^c, Sambandam Anandan^{*a}, Muthupandian Ashokkumar^d

^aNanomaterials and Solar Energy Conversion Lab, Department of Chemistry, National Institute of Technology, Tiruchirappalli-620 015, India.

^bDepartment of Engineering and Science, Feng Chia University, Taichung, 407, Taiwan.

^cThe Center of Excellence for Advanced Materials Research, King Abdulaziz University, Jeddah 21413, P.O. Box 80203, Saudi Arabia.

^dSchool of Chemistry, University of Melbourne, Vic 3010, Australia.

Supplementary information

Fig. S1 TEM and SAED images of (a-d) BN, (e-h) BN/Ni(OH)₂, (i-l) rGO/Ni(OH)₂.

Fig. S2 Typical EDX spectrum of (a) BN (b) BN/Ni(OH)₂.



Fig. S1 TEM and SAED images of (a-d) BN, (e-h) BN/Ni(OH)₂, (i-l) rGO/Ni(OH)₂.



Fig. S2 Typical EDX spectrum of (a) BN (b) BN/Ni(OH)₂.