Electronic Supplementary Material (ESI) for New Journal of Chemistry. This journal is © The Royal Society of Chemistry and the Centre National de la Recherche Scientifique 2021

Supplementary Information

Growth of bimodal NiCo₂O₄.MnO₂ nanorods in-situ on carbon fiber paper synergistically affect the electrochemical properties

Viresh Kumar and Himanshu Sekhar Panda*

Sustainable Energy Laboratory, Department of Metallurgical and Materials Engineering, Defence Institute of Advanced Technology, Pune-25, India

*Corresponding Author Address: Dr. Himanshu Sekhar Panda Tel. No.: +91-20-24304205, Email: himanshusp@diat.ac.in, hspanda3@gmail.com Department of Metallurgical and Materials Engineering, Defence Institute of Advanced Technology, Pune 411025, India



Figure S1. SEM images of NCM 1:2:2 at different magnification



Figure S2. HRTEM image of NCM 1:2:2



Figure S3: Specific capacity of prepared NCM nanorods at various current densities



Figure S4. CV curves of the fabricated device of (a) NCM 1:2:2 and (b) Specific capacitance versus various scan rate