Electronic Supplementary Material (ESI) for RSC Advances.

Electronic Supplementary Information

Cost effective urea combustion derived mesoporous-Li_2MnSiO_4 as a novel material for supercapacitor

Prerna Chaturvedi,[a] Amit Kumar,[a] Anjan Sil,[b] and Yogesh Sharma[a,*]

[a]Energy Storage Laboratory, Department of Applied Science & Engineering, IIT Roorkee Saharanpur Campus, Saharanpur-247001
[b]Departmant of Metallurgical and Materials Engineering, IIT Roorkee, Roorkee-247667

*Corresponding author: yksptfpt@iitr.ac.in

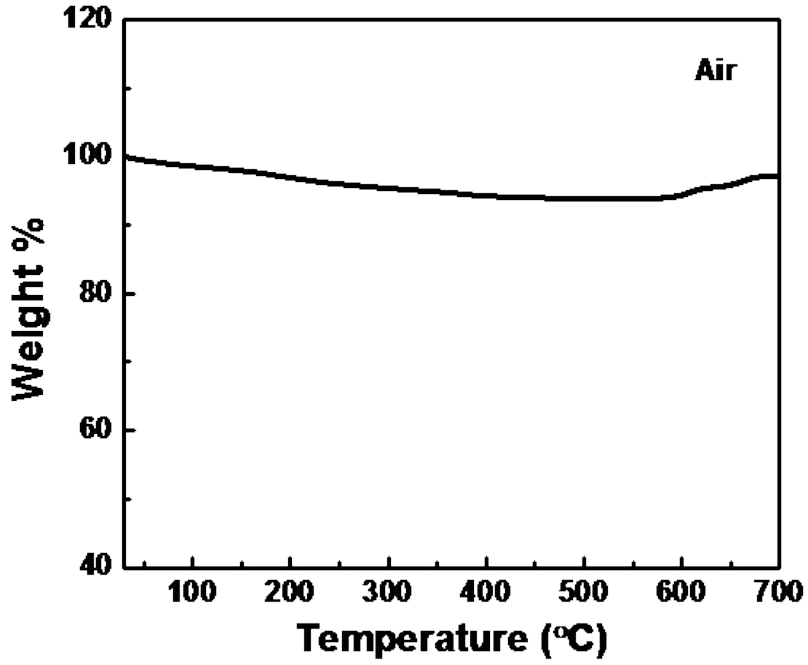

Figure S1. TG plot of Li_2MnSiO_4 conducted in air between room temperature (26 ˚C) to 700 ˚C.

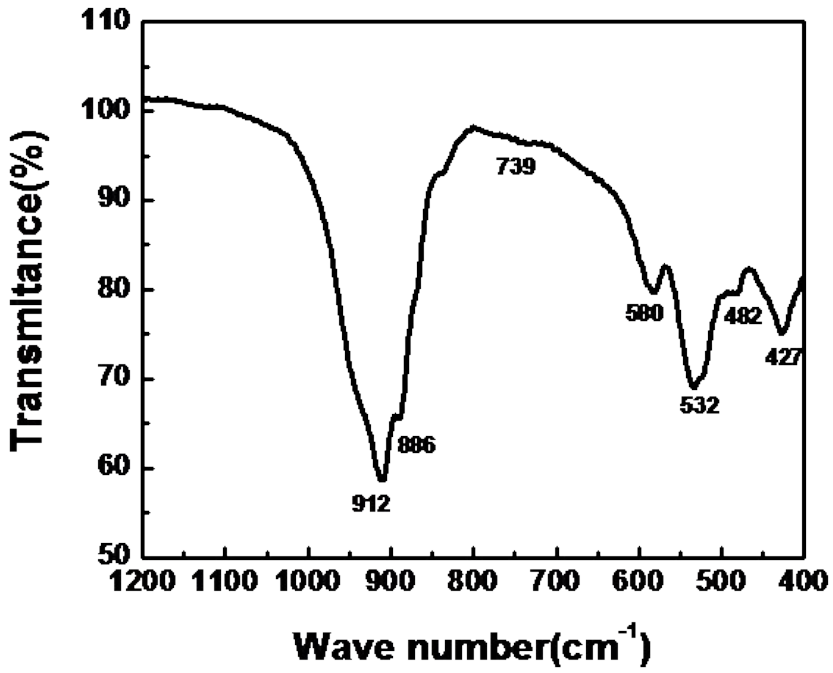

Figure S2. FTIR spectra of Li_2MnSiO_4.

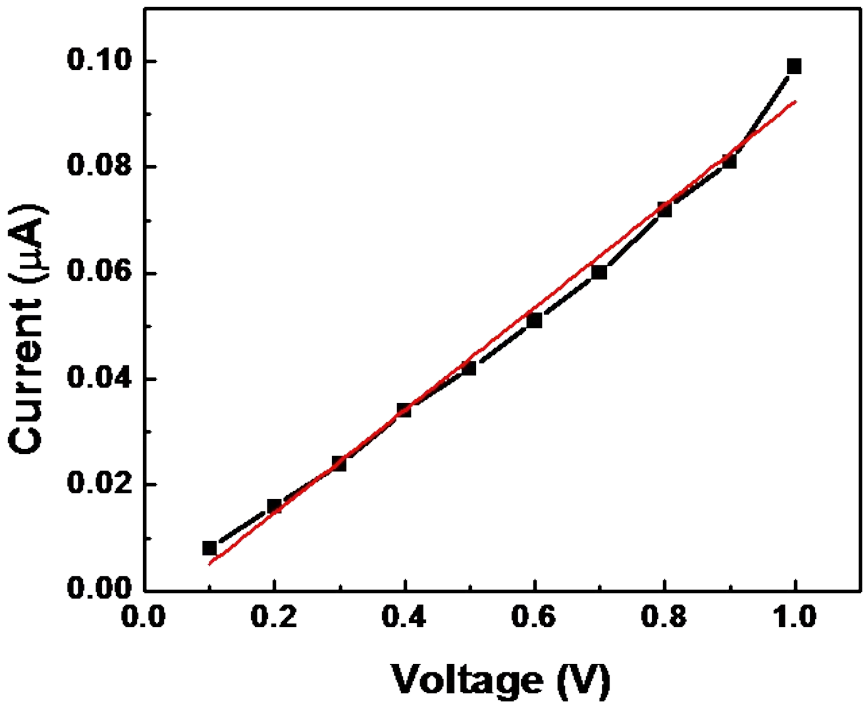

Figure S3. I-V characteristics of Li_2MnSiO_4 in the potential range of 0.1 -1 V at room temperature.