

Supporting Information

Effect of Waste Cellulose Fibre on Charge Storage Capacity of Polypyrrole and Graphene/polypyrrole Electrodes for Supercapacitor Application

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BET surface Area:

The BET surface area and pore size analysis of the samples was measured at liquid nitrogen temperature with a Quantachrome Nova 3200e at 77 K. Pre-treatment of the samples was done at 373 K for 3 h under high vacuum. The surface area was determined by the Brunauer–Emmett–Teller (BET) equation. The average pore size of the NFC aerogels was estimated from the nitrogen desorption isotherm according to the analysis of Barrett–Joyner–Halendar (BJH)

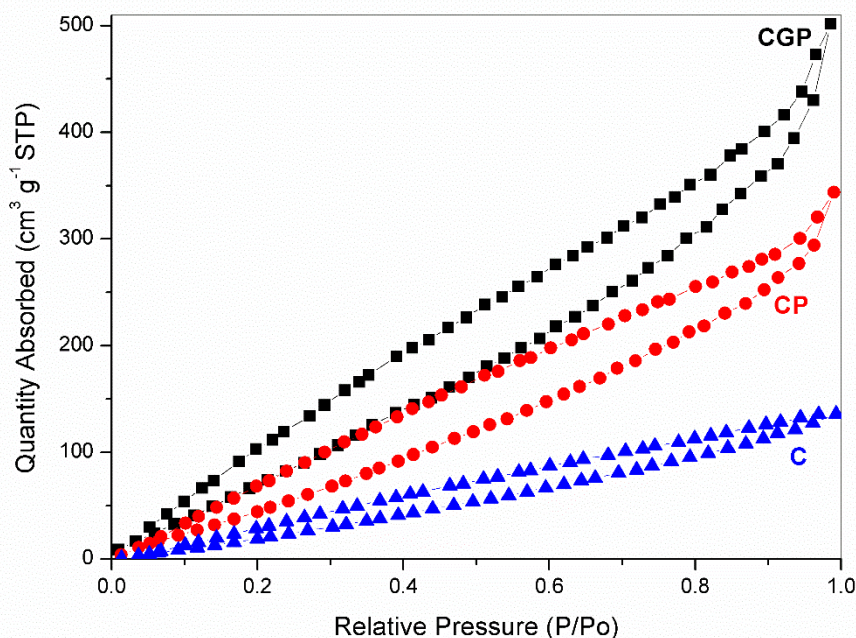


Figure : 1

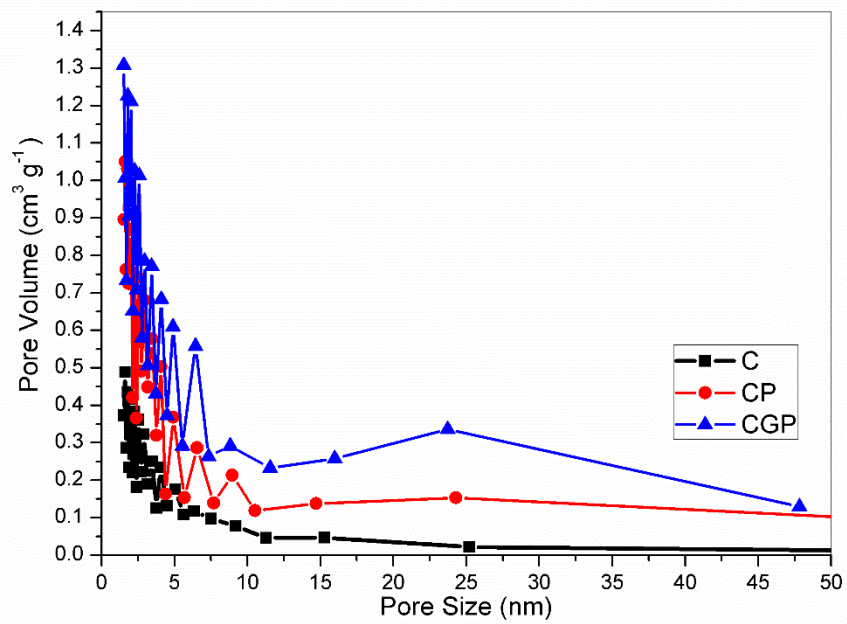


Figure 2