Electronic Supplementary Material (ESI) for RSC Advances. This journal is © The Royal Society of Chemistry 2017

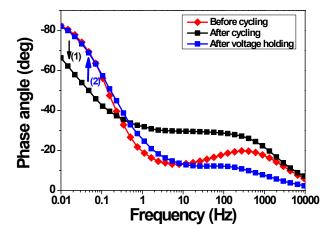
## Enhanced electrochemical response of activated carbon nanostructures from tree-bark biomass waste in polymer-gel active electrolytes

Damilola Momodu, Abdulhakeem Bello, Kabir Oyedotun, Faith Ochai-Ejeh, Julien Dangbegnon, Moshawe Madito and Ncholu Manyala\*

Department of Physics, Institute of Applied Materials, SARCHI Chair in Carbon Technology and Materials, University of Pretoria, Pretoria 0028, South Africa.

\*Corresponding author's email: Ncholu.Manyala@up.ac.za. Tel.: +(27)12 420 3549; Fax: +(27)12 420 2516

## **Supporting Information**



**Figure S1.** Combined Bode plot showing the pristine symmetric ACB cell, after cycling and after 120 h voltage holding