

## Accepted Manuscript

Title: Facile in-situ single step chemical synthesis of reduced graphene oxide-copper oxide-polyaniline nanocomposite and its electrochemical performance for supercapacitor application

Authors: Aranganathan Viswanathan, Adka Nityananda Shetty



PII: S0013-4686(17)32221-1  
DOI: <https://doi.org/10.1016/j.electacta.2017.10.099>  
Reference: EA 30485

To appear in: *Electrochimica Acta*

Received date: 24-7-2017  
Revised date: 18-9-2017  
Accepted date: 15-10-2017

Please cite this article as: Aranganathan Viswanathan, Adka Nityananda Shetty, Facile in-situ single step chemical synthesis of reduced graphene oxide-copper oxide-polyaniline nanocomposite and its electrochemical performance for supercapacitor application, *Electrochimica Acta* <https://doi.org/10.1016/j.electacta.2017.10.099>

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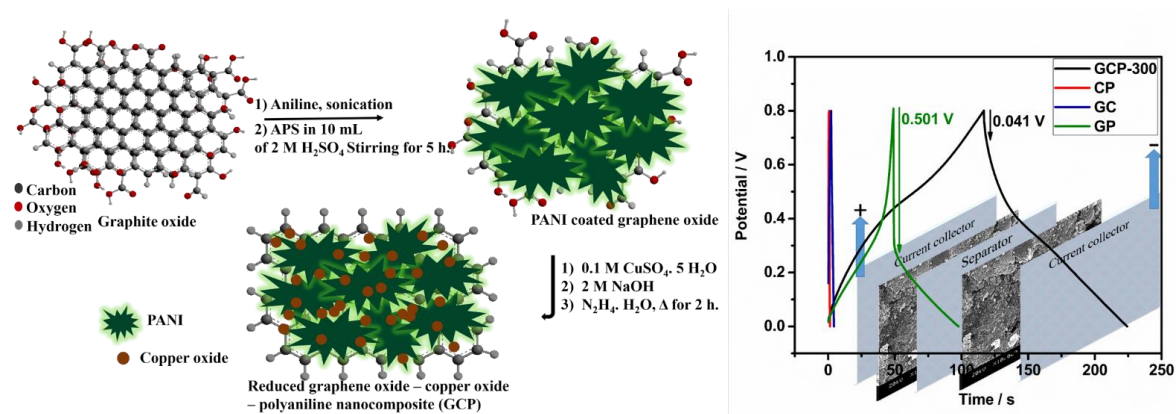
# Facile in-situ single step chemical synthesis of reduced graphene oxide-copper oxide-polyaniline nanocomposite and its electrochemical performance for supercapacitor application

Aranganathan Viswanathan, Adka Nityananda Shetty\*

Department of Chemistry, National Institute of Technology Karnataka, Surathkal, Mangalore-575025

\*Corresponding author E-mail: nityashreya@gmail.com

## Graphical Abstract



## Research highlights

- The synthesis of rGO-copper oxide-PANI by insitu single step.
- The use of the composite for supercapacitor applications.
- The superiority of the composite over the binary composites is established.
- High energy and power densities of 18.95 W h kg<sup>-1</sup> & 545.73 W kg<sup>-1</sup> were obtained.

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