

# LIST OF PUBLICATIONS

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## A. In Refereed Journals:

1. **M. Devi** and A. Kumar, *In-situ* reduced graphene oxide nanosheets – polypyrrole nanotubes nanocomposites for supercapacitor applications, *Synthetic Metals* 222 (2016) 318-329.
2. **M. Devi** and A. Kumar, Structural, thermal and dielectric properties of *in-situ* reduced graphene oxide–polypyrrole nanotubes nanocomposites, *Materials Research Bulletin* 97 (2018) 207-214.
3. **M. Devi** and A. Kumar, Thermal, electrical, and dielectric properties of reduced graphene oxide–polyaniline nanotubes hybrid nanocomposites synthesized by *in situ* reduction and varying graphene oxide concentration, *Journal of Applied Polymer Science* 135(7) (2018) 45883.
4. **M. Devi** and A. Kumar, 85 MeV C<sup>6+</sup> swift heavy ion irradiation of *in-situ* reduced graphene oxide–polypyrrole nanotubes nanocomposite films for supercapacitor electrodes, *Electrochimica Acta* 261 (2018) 1-13.
5. **M. Devi** and A. Kumar, Enhanced electrochemical performance of *in situ* reduced graphene oxide–polyaniline nanotubes hybrid nanocomposites using redox-additive aqueous electrolyte, *Journal of Physics D: Applied Physics* 51(8) (2018) 085501.
6. **M. Devi** and A. Kumar, Surface modification of reduced graphene oxide–polyaniline nanotubes nanocomposites for improved supercapacitor electrodes, *Polymer Composites* (Under Review).

## **B. Papers Presented in Conferences:**

1. **M. Devi and A. Kumar, Eleventh National Conference on Solid State Ionics (NCSSI-11), Tezpur University, Assam, India, December 21-23, 2015.**
2. **M. Devi and A. Kumar, Materials Research Society of India Symposium on Advanced Materials for Sustainable Applications, CSIR-NEIST, Jorhat, Assam, India, February 18-21, 2016.**
3. **M. Devi and A. Kumar, X<sup>th</sup> Biennial National Conference of Physics Academy of North East on Recent Advances in Physics Research and its Relevance, St. Anthony's College, Shillong, Meghalaya, India, November 10-12, 2016.**
4. **M. Devi and A. Kumar, International Conference on Light and Light based Technologies (ICLLT), Tezpur University, Assam, India, November 26-28, 2016.**
5. **M. Devi and A. Kumar, International Conference on Emerging Trends in Nanomaterials Science and Technology (ICETNMST-2017), National Institute of Technology, Nagaland, India, January 4-6, 2017.**
6. **M. Devi and A. Kumar, National Conference on Hard and Soft Condensed Matter Physics (NCHSCMP-2017), Tezpur University, Assam, India, March 2-4, 2017.**
7. **M. Devi and A. Kumar, 2<sup>nd</sup> National Conference on Hard and Soft Condensed Matter Physics (NCHSCMP-2019), Tezpur University, Assam, India, March 4-6, 2019.**