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Educational Qualification:

Exam Passed	Name of Board/College/University	Year
HSLC	SEBA	2007
HS	AHSEC	2009
B.Sc.	Jagannath Barooah College	2012
M.Sc.	Tezpur University	2014
Ph.D.	Tezpur University	2019

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Papers Published in National/International Journals:

1. M. Devi, A. Kumar, *In-situ* reduced graphene oxide nanosheets-polypyrrole nanotubes nanocomposites for supercapacitor applications, Synthetic Metals, 222, 2016, 318-329. ISSN: 0379-6779.

2. P. Basyach, M. Devi, A. Choudhury, Role of core-shell TiO_2-ZrO_2 nanocomposite as a visible light driven catalyst, Journal of Material Science and Mechanical Engineering, 3(8), 2016, 511-514. p-ISSN: 2393-9095; e-ISSN: 2393-9109.
3. M. Devi, A. Kumar, Investigation of electrical and electrochemical properties of reduced grapheme oxide-polypyrrole nanotubes nanocomposites, JUET Research Journal of Science and Technology, 3(2), 2016, 49-56. ISSN: 2321-6026.
4. M. Devi, A. Kumar, Structural, thermal and dielectric properties of *in-situ* reduced graphene oxide-polypyrrole nanotubes nanocomposites, Materials Research Bulletin, 97, 2018, 207-214. ISSN: 0025-5408.
5. M. Devi, 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, 2018, 45883. ISSN: 1097-4628.
6. M. Devi, A. Kumar, 85 MeV C^{6+} swift heavy ion irradiation of *in-situ* reduced graphene oxide-polypyrrole nanotubes nanocomposite films for supercapacitor electrodes, Electrochimica Acta, 261, 2018, 1-13. ISSN: 0013-4686.
7. M. Devi, 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, 2018, 085501. ISSN: 0022-3727.
8. M. Devi, A. Kumar, Surface modification of reduced graphene oxide-polyaniline nanotubes nanocomposites for improved supercapacitor electrodes. Polymer Composites, 41(2), 2020, 653-667. ISSN: 1548-0569.

Papers presented in Conferences:

1. M. Devi, A. Kumar, Investigation of physico-chemical and electrochemical properties of polypyrrole nanotubes-reduced graphene oxide nanosheets nanocomposites, Eleventh National Conference on Solid State Ionics (NCSSI-11), December 21-23, 2015, Tezpur University.
2. M. Devi, A. Kumar, Enhancement of electrochemical properties of polypyrrole nanotubes using reduced graphene oxide nanosheets, Materials Research Society of India Symposium-2016 on Advanced Materials for Sustainable Applications, February 18-21, 2016, CSIR-NEIST, Jorhat.
3. M. Devi, A. Kumar, Investigation of structural, thermal and dielectric properties of in-situ reduced graphene oxide-polyaniline nanotubes nanocomposites, X^{th} Biennial National Conference of Physics Academy of North East on Recent Advances in Physics Research and its Relevance, November 10-12, 2016, St. Anthony's College, Shillong.
4. M. Devi, A. Kumar, Optical characterization of in-situ reduced graphene oxide-polypyrrole nanotubes nanocomposites, International Conference on Light and Light Based Technologies (ICLLT), November 26-28, 2016, Tezpur University.
5. M. Devi, A. Kumar, Investigation of structural, thermal and dielectric properties of in-situ reduced graphene oxide-polypyrrole nanotubes nanocomposites, International

Conference on Emerging Trends in Nanomaterials Science and Technology (ICETNMST-2017), January 4-6, 2017, NIT Nagaland.

6. M. Devi, A. Kumar, Cyclic voltammetry and charge-discharge studies of in-situ reduced graphene oxide-polypyrrole nanotubes nanocomposites, National Conference on Hard and Soft Condensed Matter Physics (NCHSCMP-2017), March 2-4, 2017, Tezpur University.
7. M. Devi, A. Kumar, National Conference on Condensed Matter Days (CMDAYS-2017), August 29-31, 2017.
8. M. Devi, A. Kumar, National Conference on Hard and Soft Condensed Matter Physics (NCHSCMP-2019), March 4-6, 2019, Tezpur University.

Book Chapters:

1. M. Devi (2017), Chapter 4-Electrochemical Energy Storage Systems: Design, Application and Electrode Materials Aspect, Advances in Materials Design and Applications, ISBN: 93-82661-63-8.
2. M. Devi & A. Kumar (2020). Defect Engineered Graphene Materials for Supercapacitors, Graphene as Energy Storage Material for Supercapacitors, 64, 209, Published by Materials Research Forum LLC, USA, ISBN: 978-1-64490-054-3 (Print), 978-1-64490-055-0 (eBook).