

List of Publication

- [1] **Atowar Rahman**, Devalina Sarmah and Shyamal K. Das. A study on Al^{3+} ion capacitor with MoO_3 nanorod and aqueous gel electrolyte. ***Ionics***, 29, 4253-4261, 2023.
- [2] **Atowar Rahman** and Shyamal K. Das. An asymmetric Al^{3+} ion supercapacitor with vanadium oxy-acetylacetonate and polyaniline electrodes. ***Materials Letters***, 360, 135982, 2024.
- [3] **Atowar Rahman** and Shyamal K. Das. Monovalent and polyvalent ion storage in vanadyl acetate for electrochemical capacitor. ***Materials Letters***, 387, 138273, 2025.
- [4] **Atowar Rahman**. Al^{3+} ion storage behaviour in organic-inorganic vanadyl acetate with aqueous and gel electrolytes. ***Interactions***, 245, 361, 2024.

Paper presented in conferences (National and International)

- [1] **Atowar Rahman**, “National Conference on Emerging in Materials Science”
Department of Physics, Tezpur University, 17th May, 2022.
- [2] **Atowar Rahman**, National Conference, “Symposium on Physics: Advances
in Research and Knowledge” Department of Physics, North Lakhimpur
College (Autonomous), 14th October, 2023.
- [3] **Atowar Rahman**, National Conference on Condensed Matter (CMDAYS-
2023), Department of Physics, Tezpur University, 22nd -24th January, 2024.
- [4] **Atowar Rahman**, Fourth International Conference on Material Science
(ICMS-2024), Department of Physics, 31st January-2nd February, Tripura
University, 2024.
- [5] **Atowar Rahman**, International Conference on Frontiers in Pure and Applied
Physics (ICFPAP-2024), Department of Physics, University of Science and
Technology Meghalaya (USTM), 29th February-2nd March, 2024.