

## **Research Publications**

- Methylene Blue Dye Removal from Waste Water Using Activated Lemon Peel, Ecology, Environment And Conservation, 2022, **0971 - 765 X**
- In-Vitro kinetic release study of illicium verum (Chakraphool) polymeric nanoparticles, Materials Today: Proceedings, 2021, 60, 14-20, 2214-7853 DOI-<https://doi.org/10.1016/j.matpr.2021.11.014>
- Study of Refractive Indices and Its Theories for Mixtures of N, N Diethylethanamine and Acetates, Journal Of Scientific Research, 2020, 3, 363, 2070-0245<https://doi.org/10.3329/jsr.v12i3.43717>
- Volumetric and FT-IR Studies of the Binary Liquid Mixtures of Tributylamine and Alkyl Ester(C1–C5), Journal of chemical and engineering data, 2019, 64, 2295, 0021-9568 , [10.1021/acs.jced.8b01120](https://doi.org/10.1021/acs.jced.8b01120)
- Measurement and correlation of thermodynamic properties of amine and esters, Journal of molecular liquids 2018, 259, 167-178, 0167-7332 <https://doi.org/10.1016/j.molliq.2018.03.025>
- Prediction of Interactions between Binary Mixtures of Aliphatic Amines and Aliphatic Acetates, Asian journal of chemistry, 2018, 30 2557, 0975-427X, <https://doi.org/10.14233/ajchem.2018.21598>
- Studies of Interactions between Binary Mixtures of N-(1-Methylethyl)-2-Propanaminewith Acetic Acid Methyl Ester at323.15 K, International, Journal of Engineering Technology Science and Research, 2017, 4, 247, 2394-3386
- Comparative Study of Hydrothermal Synthesis of Nanocrystals of Titania from TTIP and powder TiO<sub>2</sub>, Journal of Nanoscience and Technology, 2016, 2, 195, 2455-0191