

PUBLICATIONS OF LUTUKURTHI D N V V KONDA

REFEREED JOURNALS:

1. Akash Pratim Bora, **Lutukurthi D. N. V. V. Konda**, Paidinaidu Paluri & Krishna Sandilya Durbha, Valorization of hazardous waste cooking oil for the production of eco-friendly biodiesel using a low-cost bifunctional catalyst, *Environmental Science and Pollution Research*, 30 (2023), 55596–55614.
<https://doi.org/10.1007/s11356-023-26177-0>
2. Akash Pratim Bora, **Lutukurthi D. N. V. V. Konda**, Srinivas Pasupuleti, Krishna Sandilya Durbha, Synthesis of MgO/MgSO₄ nanocatalyst by thiourea–nitrate solution combustion for biodiesel production from waste cooking oil, *Renewable Energy*, 190 (2022), 474-486.
<https://doi.org/10.1016/j.renene.2022.03.127>
3. **D.N.V.V.K. Lutukurthi**, S. Dutta, D.K. Behara, Dual role of activated carbon as fuel and template for solution combustion synthesis of porous Zinc Oxide (ZnO) powders, *Journal of American Ceramic Society*, 104 (2021), 4624-4636.
<https://doi.org/10.1111/jace.17841>
4. **D.N.V.V.K. Lutukurthi**, S. Dutta, D.K. Behara, Effect of ignition temperature and fuel amount on photocatalytic activity of solution combustion synthesized ZnO, *Ceramics International*, 46 (2020), 22419-22428.
<https://doi.org/10.1016/j.ceramint.2020.05.324>
5. **Lutukurthi D N V V Konda**, P Sivashanmugam CFD Simulation of Heat Transfer Characteristics in Pilot Plant Scale Bubble Column , *IUP Journal of Chemical Engineering*, III (2011), 39-52.