

Journal Publications of Chemistry Department

Research Area : Photocatalysis

1. Study on structural and optical properties of Ni and Mn codoped TiO₂ nanomaterials and its application in visible light photocatalytic activity of Indigo Carmine, Journal of Nanoscience and Technology. Vol.5 (2) 2019 : 682-687. ISSN – 2455-0191. (<https://doi.org/10.30799/jnst.239.19050209>).
2. Photocatalytic degradation of Allura red by Mn-Ni codoped nanotitania under visible light irradiation. International journal of Innovative Technology and Exploring Engineering. Vol.8 (12)2019 : ISSN : 2278-3075.([DOI: 10.35940/ijtee.K2458.1081219](https://doi.org/10.35940/ijtee.K2458.1081219)).
3. Efficient and recyclable visible light active Nickel-Phosphorous codoped TiO₂ nanocatalysts for the abatement of Methylene blue dye. Journal of Nanostructure in Chemistry. Vol. 10 (2020) 211-226: ISSN : 2008-9244. (<https://doi.org/10.1007/s40097-020-00343-z>).

Conference Papers (Attended)

1. **International conference on Recent Advances in Chemical, Pharmaceutical and Life Processes (RACPL-2019)**" Presentation at Visakhapatnam.
2. National Conference "**Andhra Pradesh Science Congress-2019**" Presentation at Srikakulam.
3. International workshop on **New Frontiers in Biotechnology and Chemistry -2019**, Dr. B.R.Ambedkar University, Srikakulam.