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List of Publications :



1. **'INFLUENCE OF CALCINATION ON THE TiO<sub>2</sub> POLYMORPHS AND ITS ELECTRONIC STRUCTURE ANALYSIS THROUGH OPTICAL ABSORPTION STUDIES'**, **S. Sharmila Juliet**, S. Ramalingom, A. Moses Ezhil Raj, Journal of Applied Science and Engineering Methodologies, Vol 2, No 3 (2016), 346-352, ISSN: 2347-8586.
2. **'INFLUENCE OF ZIRCONIUM DOPED NANOCRYSTALLINE TiO<sub>2</sub> ON THE PHOTOCATALYTIC REDUCTION OF METHYL ORANGE'**, **S. Sharmila Juliet**, S. Ramalingom, A. Moses Ezhil Raj, TELLER (Teacher, Learner and Researcher), based on National Conference on Technologically Advanced Materials, Vol Special Issue, (September 2016), 54-57, ISSN 2349-6886
3. **'EFFECT OF CALCINATION TEMPERATURE ON TITANIUM OXIDE NANOCRYSTALLITES IN THE ANATASE PHASE SYNTHESIZED BY SOL-GEL ROUTE'**, **S. Sharmila Juliet**, S. Ramalingom, C. Ravidhas, A. Moses Ezhil Raj,

IOSR Journal of Applied Physics (IOSR-JAP), Vol 4, Issue 4, Ver IV, (2016), 32-39,  
UGC Approved Journal with Sr. No. 5010 and Journal No. 49054.e-ISSN: **2278-4861**.

4. **'REDUCTION OF ORGANIC DYE USING ANATASE TiO<sub>2</sub> NANOCRYSTALLITES UNDER SOLAR-IRRADIATION: EFFECT OF PARTICLE SIZE'**, **S. Sharmila Juliet**, S. Ramalingom, C. Ravidhas, A. Moses Ezhil Raj, International Journal for Research in Applied Science & Engineering Technology (IJRASET), Vol5, Issue XI, November (2017), **676-684. ISSN: 2321-9653. DOI - DOI: 10.22214**. UGC Approved Journal with Sr. No. 45842.
  
5. **'STRUCTURAL AND ELECTRICAL ANALYSIS OF ANATASE TiO<sub>2</sub> NANOPARTICLES SYNTHESIZED BY SOL-GEL METHOD'**, C. Shiji, **S. Sharmila Juliet**, C.Gnanasambandam, Special Issue published in IJTRD (International Journal of Trend in Research and Development) (February 2018), 36-38, **ISSN 2394-9333**.

Project Details

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