

STAFF PROFILE



Name :Dr. S.KAVITHA
Position :GUEST LECTURER
Department :PHYSICS
Email :skavithaphysics79@gmail.com
Phone :9080377773
Office Location :NAMAKKAL
Education
- Degree :Ph.D.,
- University :PERIYAR UNIVERSITY
- Year of Graduation :2022
- Degree :M.Phil
- University : PERIYAR UNIVERSITY
- Year of Graduation :2007
- Degree :M.Sc.,
- University :PERIYAR UNIVERSITY
- Year of Graduation :2005

Professional Experience

GUEST LECTURER (DEPARTMENT OF PHYSICS), N.K.R.GOV'T. ARTS COLLEGE FOR WOMEN, NAMAKKAL.

DURATION :(04.08.2009 TO TILL DATE)

Research Interests

NANO TECHNOLOGY.

Publications

S.Kavitha,N,Jayamani& D.Barathi,Investigation on SnO₂/TiO₂ nanocomposites and their enhanced photocatalytic properties for the degradation of methylene blue under solar light irradiation ,Bull material science ,DOI:10.1007

S.Kavitha,N,Jayamani&D.Barathi,A study on preparation of unique TiO₂/Cu₂O nanocomposite with highly efficient photocatalytic reactivity under visible-light irradiation, MaterialsTechnology,DOI:10.1080

A Novel α -Fe₂O₃/TiO₂ heterostructured nanocomposite with Enhanced VisiblePhotocatalytic Performance for Degradation of Organic Pollutant (communicated)

Facile Construction of Novel Ag/Ag₂O combined TiO₂ Nanocomposites with Enhanced Dye Degradation under Visible-light Photocatalytic Activity Material technology DOI: 10.1080

conference papers

“The effect of ZrO₂-TiO₂ Composite and mixed oxide Nano particles prepared by Sol-Gel method”presented in the International conference on “Functional Materials for Bio-Energy,Green Technology and Environmental Sustainability”(FMGES-2019), Trinity College for women,Namakkal-637002 during August 2019,(AB-23), pg-15

“Investigation on SnO₂/TiO₂ nanocomposites and their enhanced photocatalytic properties for the degradation of methylene blue under solar light irradiation” presented in the National during

Feb-2020,pg-54

conference on “ADVANCED MATERIALS AND RESEARCH

INNOVATIONS–2020”(AMRI’20),Government Arts College (Autonomous), Salem-636007

Awards and Honors

List of awards and honors received.

Courses Taught

List of courses taught, including course codes and titles.

Professional Memberships

List of professional organizations the staff member is a part of.

Projects and Grants

List of significant projects and grants received, including project titles and funding sources.

Contact Information

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