

Staff Profile



Name: Dr.K.MAHALAKSHMI

Position: GUEST LECTURER

Department: PHYSICS

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Office Location: NAMAKKAL

Education

- Degree: M.Sc.,

- University: PERIYAR UNIVERSITY, SALEM-11

- Year of Graduation: 2005

- Degree: M.Phil.,

- University: PERIYAR UNIVERSITY, SALEM-11

- Year of Graduation: 2007

- Degree: Ph.D

- University: PERIYAR UNIVERSITY, SALEM-11

- Year of Graduation: 2023

Professional Experience

DEC'2006 - MAR'2011

GUEST LECTURER IN PHYSICS - N.K.R. GOVT. ARTS COLLEGE FOR WOMEN, NAMAKKAL

NOV'2012 - TILL DATE

GUEST LECTURER IN PHYSICS - N.K.R. GOVT. ARTS COLLEGE FOR WOMEN, NAMAKKAL

Research Interests

Nanotechnology refers to the branch of science and engineering devoted to designing, producing, and using structures, devices, and systems by manipulating atoms and molecules at nanoscale, i.e. having one or more dimensions of the order of 100 nanometres (100 millionth of a millimetre) or less. This reduction in size enhance the properties of the prepared samples for better qualities.

Publications

1. Augmenting the Photocatalytic Performance of Direct Z-Scheme Bi₂O₃/g-C₃N₄ Nanocomposite

Published in CATALYSTS at 2022

Link of Journal : <https://doi.org/10.3390/catal12121544>

2. Facile synthesis of efficient MoS₂ coupled graphitic carbon nitride heterojunction nanocomposites: Photocatalytic removal of methylene blue dye under solar light irradiation

Published in ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH at 2023

Link of Journal : <https://doi.org/10.21203/rs.3.rs-2252105/v1>

Awards and Honors

NIL

Courses Taught

B.Sc., PHYSICS

M.Sc., PHYSICS

Professional Memberships

NIL

Projects and Grants

NIL

Contact Information

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