



**SRI SARADA COLLEGE FOR WOMEN (AUTONOMOUS),**  
REACCREDITED WITH 'B++' GRADE BY NAAC  
AFFILIATED TO PERIYAR UNIVERSITY  
SALEM -636016.



**PG AND RESEARCH DEPARTMENT OF PHYSICS**

**Supervisor:**

**Dr. R. MATHAMMAL**

Former Associate Professor

PG and Research Department of Physics

Sri Sarada College for Women (Autonomous)

Salem - 636 016

**PUBLIC VIVA-VOCE EXAMINATION**

The thesis submitted by **Mrs. M. KIRUTHIGADEVI (PUAD220410645)**, Full-Time Research Scholar for the award of the Doctor of Philosophy (Ph.D.) degree entitled "OXALATE-ASSISTED HYDROTHERMAL FABRICATION OF  $ZrO_2$  - BASED BINARY METAL OXIDE NANOCOMPOSITES FOR PHOTOCATALYTIC DYE DEGRADATION AND ANTIMICROBIAL APPLICATIONS" has been duly approved by the competent authorities on the basis of the evaluation reports submitted by the appointed examiners.

As per the regulations\* governing Ph.D. Degree of Periyar University, the Public Viva-Voce Examination for the candidate will be held as detailed below:

- Date and Time : **29.06.2026 (Monday) & 11.00 A.M.**
- Venue : **SISTER NIVEDITA AUDITORIUM,**  
Sri Sarada College for Women (Autonomous),  
Salem - 636 016.
- External Examiner : **Dr. C. JUSTIN RAJ**  
Associate Professor (Senior),  
Vellore Institute of Technology,  
Chennai - 600127.

All are cordially invited to attend the Public Viva-Voce Examination.

A copy of the thesis is placed in the college library for reference.

**Dr. R. Mathammal**

Supervisor

PG & Research Department of Physics,  
Sri Sarada College for Women (Autonomous),  
Salem-636 016.

**\*Regulations**

"A candidate whose thesis has been recommended for the award of Ph.D. Degree by the Board of Examiners for the award of Ph.D. has to submit himself / herself to a Public Viva-Voce Board with Supervisors / Convener and one External Examiner appointed by the Vice Chancellor. The Indian Examiner, who evaluated the thesis, shall as far as possible be appointed as External Examiner to conduct the Public Viva-Voce Examination for the candidate. Members of the Department in the subject concerned where the candidate conducted research and outside specialist, if any, may participate in the Public Viva-Voce Examination duly endorsed by the External Examiner, together with the list of participants in the examination with their signature, designation and address. A candidate who is also successful at the Public Viva-Voce Examination shall be declared to have qualified for the award of Ph.D. Degree".