



SRI SARADA COLLEGE FOR WOMEN (Autonomous)

Reaccredited with 'B++' Grade by NAAC
Affiliated to Periyar University
Salem - 636 016.

PG & RESEARCH DEPARTMENT OF CHEMISTRY

*Cordially invites you to the
Intercollegiate PG Students' Seminar
on*

Nuances in Research Methodology



Date : 13.02.2026

Time : 10.00 a.m. to 4.00 p.m.

Venue : New Seminar Hall

PROGRAMME

INAUGURAL SESSION
(10.00 a.m. - 11.00 a.m.)

Prayer

Welcome Address : D. Devika
II M.Sc. Chemistry

Benediction : Yatiswari Vinayakapriya Amba
Directress,
Sri Sarada Educational Institutions,
Salem - 636 016.

Yatiswari Guhapriya Amba
Secretary,
Sri Sarada College for Women (Autonomous),
Salem - 636 016.

Releasing the Seminar Volume : Dr. (Mrs.) S.S. Gomathi, M.Sc., M.Phil., Ph.D.
Principal,
Sri Sarada College for Women (Autonomous),
Salem - 636 016.

Receiving the Seminar Volume : Dr. (Mrs.) S. Geetha, M.Sc., M.Phil., Ph.D.
Associate Professor and Head,
PG & Research Department of Chemistry,
Sri Sarada College for Women (Autonomous),
Salem - 636 016.

Keynote Address (Online) : Dr. S. Kamalakannan
Professor,
Division of Biotechnology,
College of Environmental and Bioresource Sciences,
Jeonbuk National University-Iksan Campus,
Iksan -54596, South Korea.

Vote of Thanks : S. Karthika
II M.Sc. Chemistry

TECHNICAL SESSION - I

(11.00 a.m. - 1.15 p.m.)

Chairperson : **B. Thaaranya**, II M.Sc. Chemistry

PAPER PRESENTATION

1. Introduction to Research methodology- Concepts and Foundations : **D. Devika**
II M.Sc. Chemistry
2. Stages of the Research Process from Planning to Execution : **K.S. Harini Priya**
II M.Sc. Chemistry
3. Defining the Research Problems with Principles and Techniques : **M. Elamathi**
II M.Sc. Chemistry
4. Concepts Related to Research Designs : **S. Brundha & S. Dharani**
II M.Sc. Chemistry
5. Enhancing Research Outcomes through Interdisciplinary Scientific Approaches : **M. Shalini**
II M.Sc. Chemistry
6. Conducting Systematic Literature Reviews for the Identification of Research Gaps : **S. Kanimozhi**
II M.Sc. Chemistry
7. Ethical Practices in Scientific Research : **J. Kaviya & D.S. Samrida**
II M.Sc. Chemistry
8. Enhancing Scientific Writing Skills for Quality Research Articles : **T. Sivaranjani**
II M.Sc. Chemistry

Lunch Break : 1.15 p.m. - 2.00 p.m.

TECHNICAL SESSION - II

(2.00 p.m. - 3.30 p.m.)

Chairperson : **T. Sivaranjani**, II M.Sc. Chemistry

9. Upholding Research Integrity through Plagiarism-Free Scientific Writing : **V. Mahalakshmi**
II M.Sc. Chemistry
10. Transforming Ideas into Fundable Research Proposals : **S. Karthika**
II M.Sc. Chemistry
11. Protecting Scientific Innovations: An Overview of Patents and Intellectual Property Rights : **K. Sangeetha**
II M.Sc. Chemistry
12. Emerging Trends and Innovations in Research Methodology : **R. Oviyapriya**
II M.Sc. Chemistry
13. Research in Indian Knowledge System : **B. Thaaranya & S. Suguna**

NPTEL VIDEOS ON RESEARCH METHODOLOGY

OUTCOME- On completion of the seminar, the students will be able to

- ✿ Acquire knowledge about the fundamental concepts of research methodology.
- ✿ Gain insights into literature review, research gap identification, ethical scientific writing and research proposal preparation.

VALEDICTORY FUNCTION - 3.30 p.m.

Rapporteur's Report : **K. Sangeetha**, II M.Sc. Chemistry

Vote of Thanks : **S. Karthika**, II M.Sc. Chemistry

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