



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- : D. Devika
Concepts and Foundations 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 : S. Kanimozhi for the Identification of Research Gaps 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. Sivarajani 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. Sivarajani, 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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