

**SRI SARADA COLLEGE FOR WOMEN**  
(An Autonomous Institution)  
Institution recognised u/s 2(f) & 12(B) of UGC & Reaccredited with “A” grade by NAAC  
(Affiliated to Manonmaniam Sundaranar University, Tirunelveli - 627012)  
(A branch of Sri Ramakrishna Tapovanam, Tirupparaithurai)  
Ariyakulam, Maharajanagar (PO), TIRUNELVELI – 627011, Tamilnadu-India  
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Established in 1986

**Department of Chemistry**  
organized  
**National Conference**  
on  
**“Recent Advances in Material Science”**

**Report of the Meeting**

**Date:** 18.12.2024

**Venue:** Seminar Hall



National Conference on “Recent Advances in Material Science” was organized by the Department of Chemistry, Sri Sarada College for Women, (Autonomous) Tirunelveli. The conference was started by lighting the lamp and prayer song. The first session was driven by Dr. J.G. Manjunatha, Assistant Professor, Department of Chemistry, Field Marshal KM Cariappa College, A Constituent College of Mangalore University, Kaveri Campus, Madikeri, Karnataka-571201. From his insightful talk on “Electrochemical Bio-sensors”, students collected a variety of information about synthesis of various types of electrodes, reactions in cathodes and anodes by graphical representation, handling techniques of cyclic voltammetry and various sensors used in batteries. Followed by this the next session was handled by Dr. C. Kannan, Professor, Department of Chemistry, Manonmaniam Sundaranar University, Tirunelveli- 627012. From his intellectual talk on “A novel framework interweaving in Mesoporous  $AlPO_4$  and its function in  $CO_2$  decomposition”, students gathered different ideas about synthesis of interweaved materials, decomposing  $CO_2$  using simple catalytic method and application of Mesoporous materials in various fields. The paper presentation session was chaired by Dr. C. Kannan, Professor, Department of Chemistry, Manonmaniam Sundaranar University, Dr. S. Kalaiarasi, Assistant Professor, A. P. C. Mahalaxhmi College for Women, Thoothukudi and Dr. M. Panimalar Hency, Assistant Professor, Annai Hajira Arts and Science College for Women, Melapalayam, Tirunelveli. The certificates were distributed to all the participants. The conference came to an end with college song and shanthi prayer.

  
**PRINCIPAL**  
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TIRUNELVELI - 627 011