

**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)  
(A branch of Sri Ramakrishna Tapovanam, Tirupparaithurai)  
Ariakulam, Thoothukudi NH, Maharaja Nagar Post  
TIRUNELVELI 627011, TAMILNADU, SOUTH INDIA**

**REPORT OF THE EXTENSION ACTIVITY**

**Department of Chemistry and Physics Jointly Conducted  
Consultancy services for the establishment of science lab in rural school**



Consultancy services for the establishment of Science laboratory at Vivekananda National Trust Middle school, Karuvanda, Tirunelveli district was jointly carried out by Department of Physics and Chemistry on 02.04.2024(Tuesday). For Physics practical laboratory with assistance of Gayathri, I M.Sc Physics Dr.J.Revathi Assistant Professor Department of Physics demonstrated all the experiments required for their 9<sup>th</sup> and 10<sup>th</sup> class students. The instruments were classified, labelled and stacked with necessary instructions. For Chemistry practical lab with the assistance of H.Q.Sree Sankini II B.Sc Chemistry, Selvi.R.Lakshmi Prabha Assistant Professor, Department of Chemistry briefed the maintenance of corrosive Acid chemicals, Calculation of Normality, Molarity, Determination of pH using Litmus paper and the arrangement of the chemicals and apparatus in a proper manner. For Biology practical lab, Director Sir gave a live demonstration of glucometer, briefed about the blood glucose level, blood pressure, handling of specimens with compound microscope and dissection microscope, detailed explanation about the optical clarity in microscope using various specimen slides. The director provided the laboratory safety procedures, SOP, cataloguing, maintenance of stock registers for instruments and glassware and inventory registers for consumable stores. Also suggested need for window based kadaph tables for the microscopic studies, dissection etc., Swami Santananda the correspondent of the school was briefed with the allocation of rooms for HoI, staff rooms, ICT cum LCT projector smart room. Recommended to use laboratory footwear separately only for the laboratory usages.

