



## **SRI SARADA COLLEGE FOR WOMEN** **(Autonomous)**

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

### **PG & RESEARCH DEPARTMENT OF COMPUTER SCIENCE**

*Cordially invites you to the  
UG Students' Seminar on*

*Digital Innovations for Climate  
Education through Sustainable Computing*



**Date : 01.10.2026**

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

**Venue : Sister Nivedita Auditorium**

## **PROGRAMME** **INAUGURAL SESSION**

**(10.00 a.m. - 11.00 a.m.)**

### **Prayer**

**Welcome Address :** **N. Nandhini Devi**  
III B.Sc. Computer Science

**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 in the form of CD :** **Dr. S. S. Gomathi**, M.Sc., M.Phil., Ph.D.  
Principal,  
Sri Sarada College for Women (Autonomous),  
Salem - 636 016.

**Receiving the Seminar Volume in the form of CD :** **Dr. M. Latha**, M.Sc., M.Phil., Ph.D.  
Head and Associate Professor,  
PG & Research Department of Computer Science,  
Sri Sarada College for Women (Autonomous),  
Salem - 636 016.

**Keynote Address (Online Mode) :** **Dr. R. Thirumalai Selvi**, M.Sc., M.Phil., Ph.D.  
Associate Professor,  
PG & Research Department of Computer Science,  
Government Arts College (Autonomous),  
Nandanam, Chennai - 600035

**Vote of Thanks :** **M. S. Pooja**  
III B.Sc. Computer Science

## TECHNICAL SESSION - I

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

**Chairperson :** R. Ranjeni, III B.Sc. Computer Science

**Rapporteur :** S. Dharshini, III B.Sc. Computer Science

### PAPER PRESENTATION

1. Artificial Intelligence for Climate Change Prediction : **S. Aarthi & R. Eureka Tharsini**  
III B.Sc. Computer Science
2. Machine Learning Models for Weather Forecasting : **A. Ramya & K. Rathivarsha**  
III B.Sc. Computer Science
3. Green Computing: Energy-Efficient Computing Practices : **M. S. Pooja & S. Vaishnavi**  
III B.Sc. Computer Science
4. Sustainable Software Engineering : **S. Kavipriya & S. Harshini**  
III B.Sc. Computer Science
5. IoT-Based Smart Environmental Monitoring Systems : **M. Kartheyaeni & S. Kanishka**  
III B.Sc. Computer Science
6. Big Data Analytics for Climate Research : **B. Arthi & V. Keerthana**  
III B.Sc. Computer Science
7. Cloud Computing for Environmental Sustainability : **S. Kaviya & K. R. Kaviya**  
III B.Sc. Computer Science
8. Digital Twin Technology for Climate Resilience : **P. Thulasimani & R. Ranjeni**  
III B.Sc. Computer Science
9. Remote Sensing and GIS for Climate Monitoring : **M. Pavithra & T. A. Mithra**  
III B.Sc. Computer Science
10. Blockchain for Carbon Credit and Environmental Transparency : **D. Devithailaasree & V. Rajeshwari**  
III B.Sc. Computer Science
11. Smart Agriculture Using AI and IoT : **S. Ooviya & S. Dharshini**  
III B.Sc. Computer Science
12. AI-Based Disaster Prediction and Management : **K. Tamil Selvi & S. Jaya Praicy**  
III B.Sc. Computer Science

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

## TECHNICAL SESSION - II

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

13. Smart Cities for Sustainable Development : **D. Sandhiya & D. Shanmathi**  
III B.Sc. Computer Science
14. Renewable Energy Management using Artificial Intelligence : **S. Fathima Thahseena & A. Hansha**  
III B.Sc. Computer Science
15. E-Waste Management and Circular Economy : **M. Dharshini & S.R. Sri Ragavi**  
III B.Sc. Computer Science
16. Climate Education through Digital Learning Platforms : **S. Vishnu Priya & K. Gayathri**  
III B.Sc. Computer Science
17. Cybersecurity Challenges in Smart Environmental Systems : **S. Harini & S. Keerthana**  
III B.Sc. Computer Science
18. Sustainable Data Centers and Green Cloud Computing : **V. Mahalakshmi & S. Janani Priya**  
III B.Sc. Computer Science
19. Role of Computer Vision in Environmental Conservation : **M. Narmatha & K. Mouleswari**  
III B.Sc. Computer Science
20. Ethical AI for Sustainable Development and Climate Action : **N. Nandhini Devi & A. Farhat Fathima**  
III B.Sc. Computer Science

**NPTEL VIDEOS ON "DIGITAL INNOVATIONS FOR CLIMATE ACTION"**

### EXPECTED OUTCOMES :

- \* Enhance awareness of climate change and sustainable computing.
- \* Inspire ethical, innovative, and eco-friendly digital solutions for sustainable development.

**VALEDICTORY SESSION - 3.30 p.m.**

**Rapporteur's Report**

**Vote of Thanks**

**S. Kavipriya, III B.Sc. Computer Science**

**COLLEGE SONG**