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# AURO FOOTPRINTS

## NEWSLETTER



As we step into a new year, Svarnima Puducherry continues its mission of fostering social and environmental responsibility. Rooted in the vision of Sri Aurobindo and the Mother, we strive to create meaningful change through education, sustainability, and community-driven initiatives.

This month has been filled with impactful programs, hands-on learning experiences, and efforts to nurture a deeper connection between people and nature. Your support and engagement fuel our journey, and we look forward to growing together. Thank you for being part of this collective effort toward a better future!



STEM EXPERIENTIAL LEARNING  
SRI AUROBINDO STUDY CENTRES  
ROBOTICS & DEL  
OUR RESPONSIBILITY TO CHILDREN  
MENSTRUAL AWARENESS SESSION  
BUILDING AS LEARNING AID  
RAIN WATER HARVESTING  
WATER BODIES SURVEY  
WATER FESTIVAL '25



## EXPERIENTIAL STEM LEARNING

A total of 872 boys and 635 girls participated in STEM activities, including the Regional & State-Level Science Exhibition. Students engaged in hands-on experiments, interactive sessions, and scientific explorations, enhancing their understanding of key concepts. The activities fostered curiosity, critical thinking, and problem-solving skills, making learning more engaging and impactful.

### SCHOOLS PARTICIPATED

MMGHSS - EMBALAM  
 CALVE COLLEGE  
 SRSGHS- SARAM  
 SVRGGHSS,MADUCARAI  
 GHS - SELLIPET  
 GHS- PILLAIYARKUPPAM  
 VSRGGHSS,MADUCARAI

### BIOLOGY

REPRODUCTION IN PLANTS  
 FOREST- OUR LIFELINE

### CHEMISTRY

ACID, BASES AND SALTS  
 GENERAL ACTIVITIES IN CHEMISTRY

### PHYSICS

LIGHT  
 ELECTRICITY  
 SOUND

# SRI AUROBINDO STUDY CENTRES

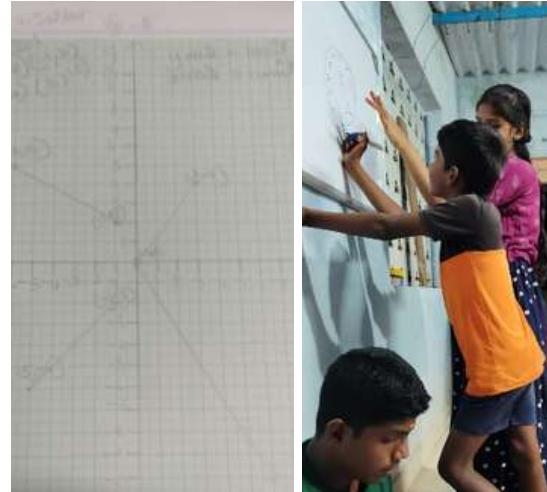


## EXAM PREPARATION

Exams can be stressful, so our centers helped students with study plans, time management, and active learning techniques. Schools also provided exam tips, ensuring students stay confident and organized.

## NMMS EXAM

Students practiced graph-based activities using learning boards, enhancing their understanding. This month, students were encouraged to apply for the National Merit cum Means Scholarship (NMMS) Exam, with upcoming math sessions planned to support them.



## CONSTITUTION ACTIVITIES

To instill civic responsibility, students participated in a seashore cleanup near their communities. Discussions followed on the importance of maintaining public spaces and how wetlands contribute to the ecosystem. Linking constitutional values with hands-on activities made learning engaging and meaningful.



## TEACHER TRAINING

This month, we introduced Vijay to the team and explored how the constitution connects with our daily lives. Discussions focused on building an equal society and being responsible citizens.

## SPORTS & SCIENCE ACHIEVEMENTS



Kabilan 5th grade studying at GHS, Embalam participated regional level science exhibit and got certificate and cash award.

M.Sathiyasri, from Vinod Raina study centre participated for volleyball match from under 14 years girls., won first place, got trophy & certificate.

**PASSIONATE ABOUT TEACHING?  
EAGER TO SUPPORT CHILDREN IN YOUR LOCALITY  
WITH THEIR EDUCATION?**

Join the Bridge Education Program as a teacher in your area!  
Reach out to us at [svarnim@aurosociety.org](mailto:svarnim@aurosociety.org)  
to make a difference.

# ROBOTICS & DEL

This month, students engaged in hands-on learning through the Robotics & DEL Project, exploring key concepts like Motors, Sensors, and Two-Way Switches. Activities included Robot Movements, Motor Driver Applications, and the Light Follower Activity, allowing students to understand real-world robotics applications. These interactive sessions sparked creativity and problem-solving skills, preparing young innovators for the future of technology.

Robotics & DEL Project Reached :

**34**  
SCHOOLS

**3133**  
STUDENTS



**1356**  
BOYS



**1777**  
GIRLS



**70**  
ROBOTIC  
SESSIONS

**16**  
DEL  
SESSIONS





## OUR RESPONSIBILITY TO CHILDREN

Sri Aurobindo Society and Svarnim Puducherry, through the Our Responsibility to Children (ORC) initiative, conducted a series of mental health programs across Puducherry, reaching diverse communities and schools.

- **Individual Counseling** supported 24 students (11 boys, 13 girls), providing personalized guidance.
- **An Orientation Program** engaged 70 girls, fostering awareness and emotional well-being.
- **Community Programs** impacted 142 individuals (15 males, 127 females), focusing on Problem-Solving, Self-Love, Family Bonding, Interpersonal Relationships, and Decision-Making.
- **A Follow-Up Camp** reinforced key life skills, with 93 participants (60 girls, 33 boys), covering concentration, confidence building, teamwork, and critical thinking.

These sessions continue to create a safe, supportive environment for students and communities to grow and thrive.

# MENSTRUAL AWARENESS SESSION

A Menstrual Awareness Session was conducted at GHS, Kalamanadapam, reaching 60+ students from grades 6 to 8. The session focused on breaking taboos, promoting menstrual hygiene, and educating students on health and well-being. Through interactive discussions, students gained confidence and awareness, fostering a supportive and informed environment.



# BUILDING AS LEARNING AID (BALA)



FINISHED TWO DIAGRAM IN

**25**  
SCHOOLS

FINISHED ONE DIAGRAM IN

**44**  
SCHOOLS



As part of the BALA initiative, these interactive diagrams bring learning to life.

A visual representation of the Earth's water distribution, highlighting the importance of conservation.



An annual rainfall chart helping students understand climate patterns and water resource management, making abstract concepts more tangible.

By integrating educational visuals into school spaces, BALA enhances engagement and deepens students' understanding of key environmental topics.



## ROOF TOP RAIN WATER HARVESTING

As part of our ongoing efforts to promote sustainable water management, Roof Top Rainwater Harvesting (RTRWH)systems have been implemented in 94 schools so far. In January alone, 11 schools adopted this initiative, contributing to groundwater recharge and water conservation. These systems ensure efficient rainwater collection, reducing dependency on external water sources and fostering environmental responsibility among students.



ROOF TOP RAIN WATER  
HARVESTING INSTALLED IN

**94**  
**SCHOOLS**

# INAUGURATION OF WATER FEST '25



The Water Festival (Feb 2 – Mar 22) kicked off on World Wetlands Day and will continue until World Water Day, promoting awareness and action for water conservation.

The festival was inaugurated by Thiru P. Jawahar IAS, marking the beginning of a series of engaging activities:

- **Kayaking to Clean the Estuary**, combining adventure with environmental responsibility.
- **Citizen Science Workshops**, introducing young minds to EyeNaturalist software for species identification and fostering environmental awareness.
- **Boat Rides along the Mangroves**, offering a closer look at fragile wetland ecosystems.
- **Exhibition on Nallavadu Estuary**, showcasing its biodiversity and ecological significance.

This initiative aims to inspire communities to appreciate and protect our vital water resources.

# WATER BODIES SURVEY



Svarnim Puducherry's survey expanded to Ariyankuppam and Bahour communes, analyzing **127 water samples** from lakes, ponds, rivers, lagoons, and estuaries. Out of 22 surveyed ponds, most were found polluted due to black water influx and plastic litter, degrading both aesthetic and environmental value. Key parameters assessed included pH, salinity, EC, TDS, and ORP. Findings showed water quality variations, with salinity levels reaching permissible limits, making potable water increasingly undrinkable. Restoration recommendations and community engagement programs are planned to address pollution issues. The initiative aims for sustainable water resource management, with further monitoring and conservation strategies in upcoming phases.

# AUROVANAM



A plant survey was conducted at Audivanam by four interns from Anugraha College, Dindigul, and Cuddalore Arts and Science College. The collected data is being used to develop a mobile app and QR codes for each plant, enabling visitors to independently identify and learn about the flora around them.

Audivanam also welcomed young learners for immersive nature experiences. Students from Veerampattinam Government Primary School and Moolapakkam Government Primary School visited in January, exploring the rich biodiversity and ecological significance of the space. These visits provided them with hands-on learning opportunities, deepening their connection to nature and sustainability.

## AURO INNOVATION CENTRE



We have successfully installed our newly designed **rain gauge**, a device used to measure rainfall and track precipitation patterns. This upgraded version features an improved battery and wireless connectivity, with ongoing testing to ensure stability and accuracy. Additionally, a low-cost commercial rain gauge has been procured and will soon be deployed in strategic locations across Puducherry for broader data collection and analysis.

In the field of solar drying technology, efficiency testing is underway using a custom-designed **solar dryer**, an innovative device that harnesses solar energy to dehydrate fruits, vegetables, and other produce, extending their shelf life without the need for electricity. The dryer has been fitted with temperature sensors to monitor its performance, and trials have successfully dried tomatoes and ginger. Work is also in progress to develop a low-cost solar dryer, designed to study its efficiency and practical usability, making sustainable food preservation more accessible.

These innovations mark significant strides toward sustainable resource management and eco-friendly technology.



## JOIN US IN CREATING A LASTING IMPACT!

At Svarnim Puducherry, every effort counts in building a more sustainable and inclusive future. Your support—whether through contributions, ideas, or collaboration—helps us drive meaningful change in education, environmental conservation, and community well-being.

### SUPPORT OUR INITIATIVES:

Your donations directly contribute to expanding programs that empower students, protect natural resources, and uplift communities. Every contribution makes a difference.

### COLLABORATE FOR CHANGE:

Have an idea or project that aligns with our mission? Let's work together to create innovative solutions that leave a lasting impact. Reach out and be a part of this journey!

# CONNECT WITH US!

[svarnim@aurosociety.org](mailto:svarnim@aurosociety.org)  
+91-413-2332232  
[www.svarnim.aurosociety.org](http://www.svarnim.aurosociety.org)  
Puducherry, India