SRI SARADA NIKETAN
COLLEGE OF SCIENCE FOR WOMEN

Institution Recognized Under Section 2(f) & 12(b) of UGC
(Affiliated to Bharathidasan University,Tiruchirappalli)
(A Branch of Sri Ramakrishna Tapovanam,Thirupparaithurai)
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DEPARTMENT OF MICROBIOLOGY AND HOSPITAL ADMINISTRATION

&

INNOVATION AND ENTREPRENEURESHIP DEVELOPMENT CELL

JOINTLY LAUNCH AN

EARN WHILE LEARN

CHIEF GUEST

Dr. V. Parthasarathy, Advisor

DATE: 0*1.08.2025*

TIME: 03.00 pm to 04.00 pm

SRI SARADA NIKETAN

COLLEGE OF SCIENCE FOR WOMEN - KARUR - 5

(A Branch of Sri Ramakrishna Tapovanam, Tirupparaithurai)

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INTERNAL QUALITY ASSURANCE CELL

&

INNOVATION AND ENTREPRENEURSHIP DEVELOPMENT CELL

JOINTLY LAUNCH AN

EARN WHILE LEARN

CHIEF GUEST

DR.V.PARTHASATATHY ADVISOR

SRI SARADA NIKETAN COLLEGE OF
SCIENCE FOR WOMEN - KARUR - 5

Date: 01/08/2025

TIME: 3.00Pm to 4.00 Pm

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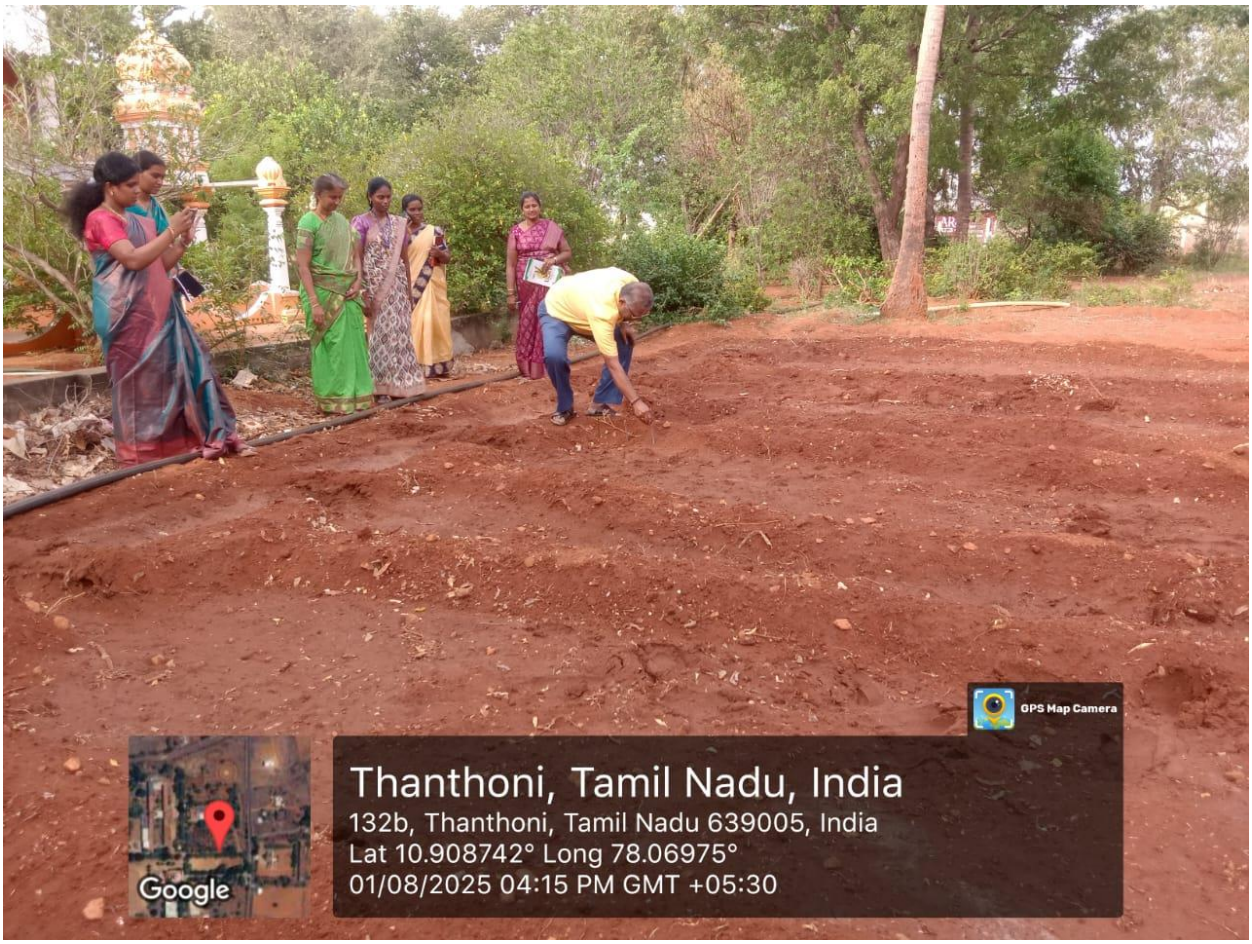
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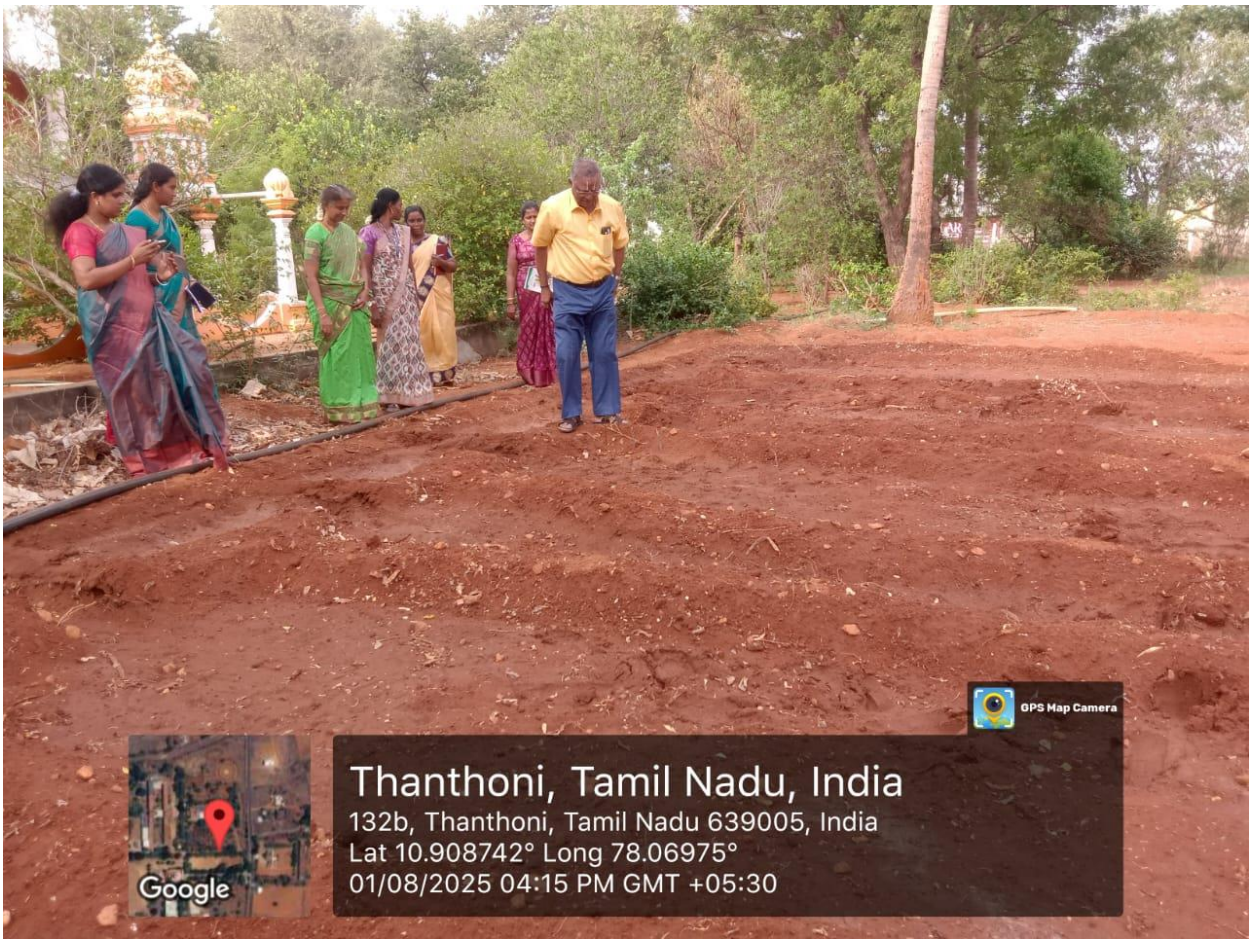
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REPORT ON "EARN WHILE LEARN"

Sericulture, or silk farming, is the cultivation of silkworms to produce silk. It is an agro-based rural industry with significant importance and numerous benefits, particularly in developing economies.

Importance and Benefits of Sericulture

The importance and benefits of sericulture can be broadly categorized into economic, social, and environmental aspects.

Economic Benefits

- **High Income Potential and Quick Returns:** It is often a profitable venture, offering high returns on a relatively low investment. Mulberry, the primary food source for silkworms, has a short gestation period, and silk crops can be harvested multiple times a year, providing a consistent and quick cash flow for farmers.
- **Agro-Based Industry:** It integrates well with agriculture, often providing a stable and lucrative alternative or supplement to traditional farming, especially for small and marginal farmers.
- **Foreign Exchange Earnings:** Silk and silk products are high-value export commodities, contributing significantly to a country's foreign exchange earnings.
- **Income from By-products:** Beyond silk, several by-products are marketable, such as silkworm pupae (used as protein-rich feed for poultry/fisheries or in some areas as human food), mulberry fruit and leaves (used in medicine/cosmetics), and silkworm litter (used as manure or for biogas).

Social Benefits

- **High Employment Generation:** Sericulture is highly labor-intensive, creating vast employment opportunities across all its stages—from mulberry cultivation and silkworm rearing to silk reeling, twisting, and weaving. This is particularly crucial in rural and semi-urban areas.
- **Poverty Alleviation and Rural Development:** By providing a stable source of income and employment, sericulture helps improve the quality of life in rural areas, acting as a tool for economic reconstruction and preventing the migration of people to urban centers.
- **Women Empowerment:** The industry is often considered "women-friendly," with women constituting a significant portion of the workforce (over 60% in some regions like India) in various sericulture activities. This leads to increased financial independence and social status for women.
- **Ideal for Weaker Sections:** It can be practiced effectively even with small landholdings, making it a suitable and accessible program for economically weaker sections of society.

Environmental Benefits

- **Eco-Friendly Activity:** Sericulture generally involves minimal use of fuel machinery and is less polluting than many other industries.
- **Soil Conservation:** The cultivation of the mulberry plant, a perennial with deep roots and green foliage, contributes to **soil preservation** and acts as a green cover, preventing soil erosion.
- **Resource Recycling:** Waste products from silkworm rearing (litter) can be recycled and used as high-quality organic manure for the mulberry garden.
- **Fuel Source:** Dried mulberry twigs and branches can be used as a fuel source by farmers, reducing the pressure on forest resources.
- **Integrated Farming:** Mulberry can be cultivated as an intercrop with other plants like flowers or vegetables, promoting integrated farming and maximizing land use efficiency.