

## **7.2 BEST PRACTICE –I**

### **REACHING OUT TO THE COMMUNITY**

#### **TITLE OF THE PRACTICE**

#### **AWARENESS PROGRAMME TO THE FARMERS ON SUSTAINABLE AGRICULTURE**

#### **OBJECTIVES**

- Identification of suitable land or space for organic farming activities, considering factors such as soil quality, sunlight exposure, and water availability.
- Procurement of organic seeds, fertilizers, and other necessary materials for cultivation.
- Training sessions conducted for NSS volunteers to familiarize them with organic farming techniques, including soil preparation, composting and natural pest management, and crop rotation.

#### **THE CONTEXT:**

Agriculture is both a beneficiary and provider of biodiversity and related ecosystem services. Diverse, healthy agricultural landscapes provide habitat to flora and fauna, purify air and water, and provide climate change mitigation and carbon sequestration. In turn, agriculture benefits from soil erosion control, important services from wildlife such as pollination and pest management, and a source of genetic diversity for plants and livestock, as well as food, fuel, fibre, water, and medicinal resources.

#### **THE PRACTICE:**

- Organic farming provides students with practical, hands-on experience in agriculture, sustainability, and environmental stewardship.
- Students can engage in cross-disciplinary learning by integrating concepts from fields such as biology, environmental science, nutrition, and business management.
- It promotes awareness of environmental issues and the importance of sustainable agricultural practices in mitigating climate change, protecting biodiversity, and conserving natural resources.

#### **EVIDENCE OF SUCCESS:**

On the 28th of February 2024, Department of Plant Biology and Plant Biotechnology in association with NSS Volunteers of TNC, organized awareness programme to the farmers on Sustainable agriculture at **Thirunillai Village, Choolavaram Panchayat Union, Tiruvallur District**. Many students and people from were participated.



**PROBLEMS ENCOUNTERED:**

By implementing sustainable agriculture as a best practice at Thiruthangal Nadar college in collaboration with the NSS Program, we aim to create a model for rational campus agriculture that fosters environmental Governance, enhances student learning experiences, and strengthens community partnerships. This initiative aligns with TNC College's commitment to sustainability and innovation, positioning the institution as a leader in higher education for a greener future. On the 28th of February 2024, NSS Volunteers of TNC, Department of Plant Biology and Plant Biotechnology organized an insightful event focused on organic farming. The event aimed to educate students and the local community about the benefits and techniques of organic farming, emphasizing sustainable agricultural practices. One of the main objectives of this program was to make the volunteers understand that responsible use of energy and natural resources maintain biodiversity and protect animal welfare and conserve the regional biological balance.



**Name of the Activity: Flood recovery and Rehabilitation in Madhavaram constituency**

**Agency: Tamil Nadu State NSS**

**Year of the Activity: 2023**

**No. of students participated:9**

Flood recovery and rehabilitation efforts are crucial in areas like Madhavaram Constituency, which experienced heavy rainfall and flooding after the Puzhal river dam was opened. TNC NSS students played a vital role in distributing essential items to the flood-affected community on December 8, 2023, alongside esteemed dignitaries like Hon'ble Higher Education Minister K. Ponmudi and S.Sudarsanam, MLA, Madhavaram Constituency.





**Name of the Activity: GRAMA SABHA MEETING**

**Agency: Gnayiru Panchayat**

**Year of the Activity: 2024**

**No. of students participated: 2**

Thiruthangal Nadar College Participates in GramaSabha Meeting. On January 26, 2024, Thiruthangal Nadar College actively participated in the GramaSabha meeting held at GnayiruPanchayat, Sholavaram block, Thiruvallur district.

During the meeting, our representatives engaged in discussions on localized sustainable development goals, identified major problems, and outlined an intervention plan. The college delegation comprised two faculty members and two students.







**Name of the Activity: KIDNEY AWARENESS AND SCREENING CAMP**

**Agency: Gnayiru Panchayat**

**Year of the Activity: 2024**

**No. of students participated: 15**

On February 25, 2024, Thiruthangal Nadar College, in collaboration with the Tamilnadu Kidney Research Foundation, conducted a Kidney Awareness and Screening Camp in Gnayiru village. This initiative aimed to promote localized sustainable development goals in the adopted village, focusing on health and wellness.

The camp witnessed the participation of 37 villagers, some of whom were identified with kidney-related issues. These individuals were referred to Stanley Hospital for further medical attention.

During the camp, the following health parameters were checked:

- ✓ Weight and height
- ✓ Blood pressure
- ✓ Blood sugar levels
- ✓ Body Mass Index (BMI)

Participants with elevated sugar levels (above 80-120) were advised to consult a doctor for further evaluation.

The event was supported by I BSW students and 10 NSS volunteers, who rendered their services to ensure the camp's success.





**Name of the Activity:** Mega eye camp and kidney awareness cum screening

**Agency:** Thirunilai Panchayat

**Year of the Activity:** 2024

**No. of students participated:** 100

### Mega Eye Camp and Kidney Awareness cum Screening Program

A comprehensive health initiative was organized on February 28, 2024, in Thirunilai Panchayat, benefiting 100 village residents. The program consisted of a Mega Eye Camp conducted by MN Hospital and a Kidney Awareness cum Screening program by Tanker Foundation.

#### Key Highlights:

- ✓ 25 underprivileged individuals received free spectacles.
- ✓ Villagers with kidney-related issues were referred to Stanley Hospital for further treatment and medical attention.

This collaborative effort aimed to promote community health and well-being, addressing the critical needs of the local population.





**Name of the Activity: Awareness program on Sustainable Agriculture**

**Agency: Thirunilai Panchayat**

**Year of the Activity: 2024**

**No. of students participated: 50**

Thiruthangal Nadar College Promotes Sustainable Agriculture Awareness.

On February 28, 2024, Thiruthangal Nadar College organized an awareness program on Sustainable Agriculture in Thirunilai Panchayat, Sholavaram Block, Thiruvallur District.

The program featured interactive sessions conducted by students from the Plant Biology and Plant Biotechnology (PBPB) department. Specifically:

- ✓ III PBPB students explained the benefits and practices of organic farming, bio-fertilizers, and bio-pesticides.
- ✓ II PBPB students showcased the importance of natural foods.
- ✓ I PBPB students demonstrated the preparation of natural drinks.

This initiative successfully reached out to farmers, middle school students, and rural residents, promoting sustainable agricultural practices and healthy living.







**Name of the Activity: General Mental Health Awareness**

**Agency: Gnayiru Panchayat**

**Year of the Activity: 2024**

**No. of students participated: 9**

Thiruthangal Nadar College Organizes General Mental Health Awareness Program.

On February 26, 2024, Thiruthangal Nadar College, in collaboration with Aditya Birla Education Trust, conducted a General Mental Health Awareness program for women in Gnayiru Panchayat.

Key Highlights:

- ✓ 100 villagers participated and benefited from the program.
- ✓ Ms. Harini K., a psychologist, delivered an informative session on mental health, addressing the importance of mental well-being.
- ✓ Two sessions were conducted, one in Gnayiru and another in Attapalayam, to cater to a wider audience.
- ✓ The program received an overwhelming response, with villagers requesting treatment and support for their children's mental health.







**Name of the Activity: NSS Special Camp**

**Agency: Thirunilai Panchayat**

**Year of the Activity: 2024**

**No. of students participated: 100**

NSS 7 day special camp was organized in Thirunilai Panchayat from 26.02.2024 to 03.03.2024. We focused on the sustainable development goals and spread awareness on health, education, and the environment through street play, pamphlets, tree plantations, cleaning the surroundings, spreading mental health awareness, organizing different health camps, and using PRA techniques to know recourses, weaknesses, and strengths of the community. Students had practical learning. 100 NSS volunteers and 3 faculties were actively involved in the camp.

