



# KALASALINGAM

## ACADEMY OF RESEARCH AND EDUCATION

### (DEEMED TO BE UNIVERSITY)



Under sec. 3 of UGC Act 1956. Accredited by NAAC with "A++" Grade

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## THE - Impact Rankings 2025



PROTECT, RESTORE AND PROMOTE SUSTAINABLE USE OF TERRESTRIAL ECOSYSTEMS, SUSTAINABLY MANAGE FORESTS, COMBAT DESERTIFICATION, AND HALT AND REVERSE LAND DEGRADATION AND HALT BIODIVERSITY LOSS

## ANNUAL REPORT - 2022-2023

### Sustainably farmed food on campus

Kalasalingam Academy of Research and Education (KARE) promotes sustainable production of food through cultivation of various agricultural and horticultural crops. The attainment of sustainable food production in KARE has been achieved with the availability of instructional farm land at university campus including crop cafeteria, Alagapuri farm and Gopinayakkanpatty farm with an area of 58 acres, 62 acres, and 220 Acres {(50 acres under cultivation) and (45 acres- second phase of land preparation)}, respectively. These farm lands are dedicated to students taking life exploration, hands-on training and development courses within the General Education program. The harvested farm produce was sold to the university workers and local people through a sales counter at subsidized price in the university premises. The land allotment and crop cultivated details are given in Table 1 and 2. The glimpses of farm land at different farm lands in Figure1,2, 3 and the sales counter in figure 4.

**Table 1. Details of Farm land allotment in Campus farm**

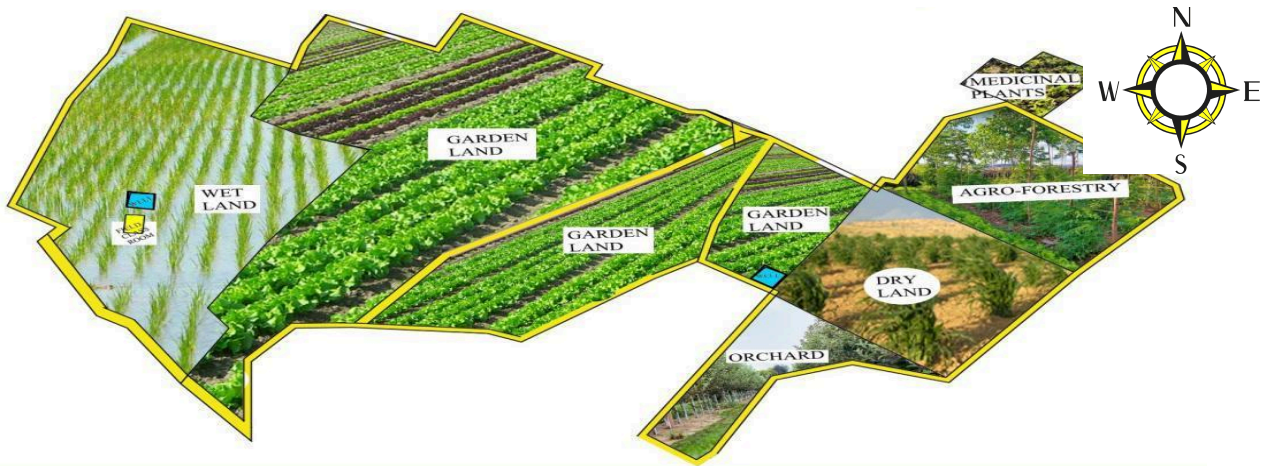
S. No.	Details	Area (acres)
1	Crop Cafeteria & ELP	6
2	Wetland	6
3	Pulses	3
4	Cereals and millets	10
5	Oil seeds	6

6	Fiber crops	3
7	Tuber crops	3
8	Medicinal plant and wood land	2
9	Vegetable crops	3
10	Faculty Research plot	3
11.	Forestry land	3
12.	Students plot	2
13.	Fodder crops	2
14	Dry land	5
	Total	58

**Table 2. List of crops cultivated in Alagapuri Farm:**

S. No.	Details	Crops
1	Wetland	Paddy, banana, pulses and green manures
		Agricultural crops - Maize, Cotton, Sunflower, Groundnut, Fodder Maize and
2	Garden land	CN Grass
		Horticultural crops - Brinjal, Chili, Tomato, Mulberry, Celosia
3	Dryland	Milletts, Sesame and pulses
		Mango (350nos), Guava (440 nos), Coconut (280 nos), Pomegranate (540nos),
4	Orchard	Leon (230nos), Sapopta (155nos), Amla (150nos), Sweet orange(170nos), Orange (100nos)
		<i>Piper longum, Lantana camara, Aloe</i>
4	Medicinal and plantation crops	<i>barbendensis, Pavonia Odorata, Coleus aromaticus, etc.,</i>

**Overview of instructional farm land map at university campus**



**Overview of instructional farm land at Alagapuri farm**





### **Local Biodiversity included in Planning and development**

The KARE campus is located at the foothills of “Western Ghats”, it is one of world richest biodiversity hotspot. Apart from cotton, farmers in this region also cultivating Minor millets and Corn at a large a scale. The Government of India, Ministry of Micro, Small and Medium Enterprises has declared Banyard millets as a district crop under one district one product scheme. To maintain local biodiversity KARE has a crop cafeteria in the campus were 35 local annual and perennial field crops were maintained throughout the year for preserving the crop diversity. The crops includes cash crops, Cotton and Sugarcane, food crops like Maize, Pearl millet, Finger



millet, Barnyard millet, Little millet, Kodo millet and proso millet, Black gram, Green Gram, Red gram, Lab-lab, Horse gram, Oil seed crops *Viz.*, Til, Ground nut and Sunflower, Green and Green leaf manure crops. Apart from this, being a drought prone area semi-dry brown rice Land races of Sivappu Chithiraikar, White Chithiraikar, Mattaikar, Norungan, Chandaikar, Nootripathu and Kattanur germplasm were collected locally and maintained in the farm. The medicinal Plants of the locality, namely lemon grass, periwinkle, *Ocimum*, Aswagandha, *Aloe vera*, Gloriosa, Phyllanthus, Noni and Gymnema, *Bacopa monnieri*, *Ocimum Sanctum*, *Withania somnifera* and *Coleus forskohlii* germplasm were maintained by ex-situ conservation methods in small plots.



**Crop Cafeteria**



**Our Nature Club took a moment to celebrate the same on 16th December 2023. An awareness rally was conducted by Nature Club, KARE at Watrap- Nature Club on 16.12.2023**





**Around 300 volunteers participated in the event and they raised their voice as “Healthy soil, healthy planet!”, “Protect soil, nurture life!”, “Preserve soil, preserve life!” and “Nourish soil, nourish future!”- Environment monitoring Club on 16.12.2023**

**Sustainable management of land for tourism (educational outreach)**





Nature Club conducted a cross country race for Biome as an occasion to celebrate "World Ecology Day." The race aimed to raise awareness about our clean environment. Our members actively participated in the race. The Race started from Kare campus, then they moved to Kunnur, via Watrap road they reached the campus. The student participation was overwhelming, with strong determination they completed the race of 10 Km.

**Yuva tourism club**



The Yuva tourism club organized a tour to Karnataka state covering the places – Coorg & Chikkamagaluru. A total of 94 students along with 04 faculty members participated in the tour in 02 buses. The objective of this tour was to provide students with an opportunity to explore the natural beauty and cultural heritage of Coorg and Chikmagalur and to promote eco-tourism among the students of the university. The tourism club tour to Coorg and Chikmagalur was organized to provide students with a blend of educational experiences and exposure to the natural beauty of Karnataka. This tour aimed to foster teamwork, enhance learning outside the classroom, and understanding of sustainable management of land.





