



UNION CHRISTIAN COLLEGE

ALUVA-2



SSR 5th CYCLE 2023 

Criterion 3

3.4.1 Outcomes of Extension activities



OBJECTIVE: SDG 2 - ZERO HUNGER

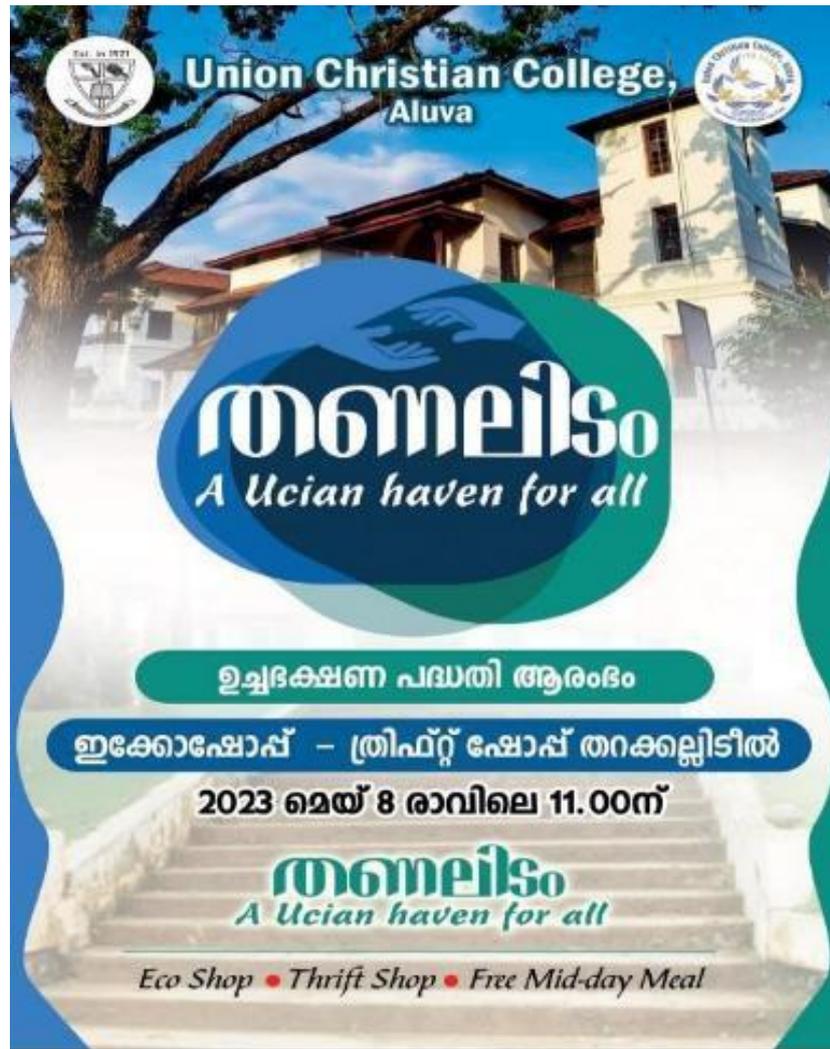
ACTIVITY 1: ARRANGEMENT OF FOOD FOR THE NEEDY

(a) Thanalidam - Free Mid-Day Meal

Date: 08/05/2023 – 31/05/2023

Report: The inauguration of Thanalidam an initiative by Union Christian College, Aluva was held on 08 May 2023. The initiative comprises the Eco shop, Thrift shop, arrangement of lunch for the needy.





IMPACT

The program facilitated idea about affordability, sustainability education, community engagement, waste management, budget management and ethical consumption. Hundreds of people in the neighbourhood are benefited through this initiative.



ACTIVITY 2: AGRICULTURAL INITIATIVES

(a) Paddy Transplantation Programme ('Njaru Nadeel')

Date: 13/10/2022

Report: Nature Club, Union Christian College, Aluva took the initiative to give students a first-hand experience of our agricultural practices at Kuruvilassery, Mala on 13 October 2022.





ഈ ഞാറാണേ സത്യം, പാഴാക്കിപ്പൊരു വറ്റും



കുരുവിലപ്പുഴയിൽ വിദ്യാർത്ഥികൾ ഞാർ നടന്നു

മാളം ഇനി ഒരു വറ്റ് ചോർ പോലും പാഴാക്കില്ലെന്ന് വിദ്യാർത്ഥികൾ പാടത്ത് നിന്ന് പ്രതിജ്ഞ ചെയ്യുന്നു. മാള പഞ്ചായത്തിലെ കുരുവിലപ്പുഴയിലാണ് രണ്ട് ടി വസങ്ങളിലായി രോഗകര പാടത്ത് വിദ്യാർത്ഥികൾ നടിച്ച് നടത്തിയത്.

മുത്തക്കുന്നം എൻ.എൻ.എം. ട്രെയിനിങ് കോളേജ്, കാലടി ശ്രീ ശങ്കര കോളേജ്, ആലുവ യു.സി. കോളേജ് എന്നിവിടങ്ങളിൽ നിന്നുള്ള വിദ്യാർത്ഥികളാണ് നേചർ ക്ലബ്ബ്, എൻ.എൻ.എൻ. യൂണിറ്റ് എന്നിവയുടെ നേതൃത്വത്തിൽ നടിച്ച് നടത്തിയത്.

ടെക്നീഷ്യനാവാൻ ഉള്ള ബിരുദ തരത്തിൽ, രാഗേഷ് ശർമ്മ എന്നിവർ ചേർന്ന് പത്ത് വർഷമായി ഞെവരിയിൽ നെൽകൃഷി ചെയ്യുന്ന സ്ഥലത്താണ് വിദ്യാർത്ഥികൾ ആവേശത്തോടെ ഇറങ്ങിയത്. കടുത്ത വെയിലിനെ ആവേശംകൊണ്ട് മറികടന്നാണ് പാട്ടും പാടി നടിച്ച് ഉത്സവമാക്കി മാറ്റിയത്. പാടത്ത് ഇറങ്ങുന്നതിനുമുമ്പ് ഇവർക്ക് പാമ്പരാഗതകർഷകർ ഒരു പരിശീലന ക്ലാസ് നൽകിയിരുന്നു. വരിയായിനിന്ന് നട്ട് കയറിയപ്പോൾ ഉണ്ടായ വിയർപ്പിൽ അരി മാന്ദ്യം തോന്നിയാണ് ചോർ പാഴാക്കില്ലെന്ന പ്രതിജ്ഞയെടുത്തത്.

13/10/2022 CHALAKKUDY Pg 04

IMPACT: The students got a hands-on experience in Organic farming. They got a chance to interact with the farmers and learn about the importance of Organic farming.

(b) Seed Ball Making

Date: 11/05/2022

Report: As part of NSS seven-day camp in 2021-22, NSS volunteers made seed balls and distributed in the nearby villages.



IMPACT: The participants learned a new method of preserving seeds. They were also able to impart this new knowledge to the nearby community.

(c) Plant Cultivation - 'Vazhakkannu'

Date: 28/08/2019, 04/09/2019

Report: NSS conducted a one-day camp on 28 August 2019, named 'VAZHAKKANNU'. 120 NSS volunteers participated in the one-day camp. The volunteers planted 110 banana saplings, 65 tapioca stems and some vegetables. From the one-day camp volunteers studied the art of cultivating plants. They developed the skill of working in the soil and they took an oath to take care of the plants and vegetables they planted throughout the year. On 04 September 2019, in accordance with the one-day camp 'VAZHAKKANNU', more banana saplings were planted and monitored the existing ones.





IMPACT: The students were motivated to do small scale farming. They also learned the skill of working in the soil.



(d) Vegetable Garden at F.M.C.T.H.S.S. Karumalloor

Date: 22/12/2018

Report: As part of NSS 7-day special camp of Union Christian College, Aluva 'Pankayam 2018', 98 volunteers of the camp took part in making a vegetable garden at F.M.C.T.H.S.S. Karumalloor on 22 December 2018.



IMPACT: The students were motivated to practice agriculture. They also created an awareness among the school children about the significance of agriculture.

(e) Deciduous trees and dry leaf compost

Date: 04/03/2023

Report: Deciduous trees like Mahogany shed their leaves during hot summer (Abscission). Instead, of the traditional method of gathering and burning these dried leaves, an initiative



was taken to transform them into organic fertilizer. Moreover, these dried leaves are high in carbon and have a small amount of the nutrients that plants require to thrive.

Dry leaf compost is created from plant materials such as grass, dry leaves, or vegetable leftovers that can be decomposed. Thereby, this dry leaf compost can help in enriching the soil, holding moisture, suppressing plant diseases, and filtering harmful pests. Composting reduces the need for chemical fertilizers. Here is how we implement compost from dry leaves.

Compost from dry leaves: Step-by-step guide

Step 1: Collect the dry leaves from the deciduous trees during the abscission time.

Step 2: Leave the leaves in the sun until there is no moisture left in them.

Step 3: Now crush the dry leaves or turn them into powder as thin as possible using a leaf shredder machine. After crushing, separate half of the quantity into the dry leaf compost bin.

Step 4: Now add a layer of some cow dung to the dry leaf compost bin. Let it be there for 8-10 days so that the micro bacteria can do their work.

Step 5: After 8-10 days make sure to stir the mixture with vegetable waste collected from the college canteen once every day for 8-10 days. It helps in the decomposition process. Now add the remaining crushed leaves in the mixture, small quantity at a time for the next few days.

Step 6: Around 8-20 days the mixture will start releasing some water. It means you are doing it the correct way. Now add the remaining crushed leaves in the mixture, small quantity at a time for the next few days.

Step 7: After 2 - 3 weeks we can start adding vegetables and fruit peels and leftovers from the college canteen and organic waste bin to the compost mix, when the dry leaf compost bin is half full.

Step 8: Leave the dry leaf compost bin for around 3 weeks and start the same procedure with the 2nd dry leaf compost bin. By the time the dry leaf compost bin fills up (around 3 weeks) compost will be ready in the 1st one.

Step 9: Thereby the dry leaf compost made from dry leaves is ready to use. For organic farming, campus garden, etc.



An awareness class about dry leaf compost and organic farming was arranged for the students on 04 March 2023. The session was handled by Dr. Jibin Jose Mathew, Assistant Professor, Department of Electronics & Computer Maintenance. 23 students participated in the class.



Impact: These activities can have a positive impact on the environment and also offer valuable educational and personal development benefits for college students and they get to know more about local conditions, management practices and level of support provided to farmers.