

ORGANIC FARMING 2019-20



PROVISIONS ARE CONTAINED IN

PANAMPILLY MEMORIAL GOVT. COLLEGE,
POTTA.P.O, CHALAKUDY, THRISSUR (DT)
PHONE / FAX: 0480- 2701636



B2-1053-2018-NSS

To

The Agricultural Field Officer
Krishibhavan, Chalakudy

Subject: Application for Project Based Vegetable Cultivation 2019-20 reg.

National Service Scheme of Panampilly Memorial Government College Chalakudy, has launched Organic Farm Club which cultivates organic vegetables every year. This year, the club plans to cultivate vegetables in more varieties in a barren land of 100 cents. In this regard, your financial support would be a great help and it would be kind of you if you could do sanction the amount requested in the project proposal.

Chalakudy
19.06-2019

PRINCIPAL

Encl:

- Project proposal
- NSS minutes report
- Bank account details

PROCEEDINGS OF THE PRINCIPAL AGRICULTURAL OFFICER, THRISSUR

(PRESENT: SRI RADHAKRISHNAN K)

Sub :- Agriculture Department – Vegetable Development Programme 2019-20– Project based
Cultivation in institutions – Projects sanctioned – Orders issued.

- Ref :- 1. Circular No. VC 15495/19 Dated 16.05.2019 Director of Agriculture., Thiruvananthapuram.
2. Letter no A(1) 56/19 Dated 29.07.2019 , ADA Anthikkad.
 3. Letter no CKD23/19-20 Dated 27.06.209 , ADA Chalakkudy.
 4. Letter no. A-8/2019 Dated 26.07.2019 ,ADA Chavakkad.
 5. Letter no. CWR(B)-11/19-20 Dated :09.07.2019 , ADA Chowannur.
 6. Letter no. A(1)/19/19 Dated :05.08.2019 , ADA Irinjalakuda.
 7. Letter no. ADK-15/19-20 Dated :30.07.2019 , ADA Kodakara.
 8. Letter no. A(2) 26/2019 Dated: 18.07.2019 , ADA Mathilakam.
 9. Letter no.OB16/19-20 Dated: 01.08.2019 , ADA Ollukkara.
 10. Letter no.PZR/07/19-20 Dated 09.07.2019 , ADA Pazhayannur.
 11. Letter no. ADA/PKL/51/19-20 Dated: 23.07.2019 , ADA Puzhakkal.
 12. Letter no. ADA(W) 26/2019-20 Dated: 19.07.2019, ADA Wadakkanchery.
 13. Minutes of meeting held on 07.08.2019 at Principal Agricultural Office, Thriissur.

Order No.TB(2) 8170/19 Dated

Vide reference cited 1st above, administrative sanction has been accorded for the implementation of the scheme for Development of Vegetable during 2019-20. An amount of Rs. 13 lakh is set apart for providing assistance for undertaking vegetable cultivation in various Public / Private Institutions on project basis. The Assistant Directors of Agriculture, Anthikkad, Chalakkudy, Chavakkad, Chowannur, Irinjalakuda, Kodakara, Mathilakam ,Ollukkara,Pazhayannur, Puzhakkal and Wadakkanchery has submitted 23 project proposals vide reference 1st read above for availing assistance for vegetable cultivation in institutions, the details of which is as follows.

Sl. No	Name of Project	Item	Area (Ha)	Proposed Amount	Amount Sanctioned
<u>1. Vegetable cultivation at Anthikkad Police Station.</u>					
1	Vegetable cultivation at Anthikkad Police Station, Assistant Director of Agriculture, Anthikkad, Agricultural Officer, Anthikkad	Field Preparation	.04	7000	
2		Mulching Sheet		10000	2500
3		Grow Bag		6000	3000
4		Vegetable seed & Seedlings		3000	2000
5		Organic Manures		7000	7000
6		Bio Pesticides & Application Charges		10000	5000
7		Labour Charge		5000	3000
8		Miscellaneous		5000	1000
Total				53000	23500

(Rupees Twenty Three Thousand Five Hundred only)

Sl. No	Name of Project	Item	Area (Ha)	Proposed Amount	Amount Sanctioned
2.	<u>Vegetable cultivation at JUMA MASJID Muttichoor.</u>				
1	Vegetable cultivation at JUMA MASJID Muttichoor, Anthikkad, Assistant Director of Agriculture Anthikkad, Agricultural Officer, Anthikkad.	Field Preparation	.2	8000	7600
2		Micro Irrigation with Fertigation		45000	30000
3		Vegetable seed & Seedlings		5000	3000
4		Organic Manures		10000	10000
5		Bio Pesticides & Application Charges		15000	10000
6		Labour Charge		7000	6400
8		Miscellaneous		5000	1000
Total					95000

(Rupees Sixty Eight Thousand only)

Sl. No	Name of Project	Item	Area (Ha)	Proposed Amount	Amount Sanctioned
3.	<u>Organic Vegetable Garden in Panampilly Memorial Government College, Chalakkudy.</u>				
1	Organic Vegetable Garden in Panampilly Memorial Government College, Chalakkudy. Assistant Director of Agriculture Chalakkudy, Agricultural Field Officer, Chalakkudy.	Seeds & Seedlings	.4	8000	8000
2		Field Preparation		9500	9500
3		Weeding		4000	3500
4		Fertilizer & Organic Manures		18500	17000
5		Micro Irrigation with Fertigation including labour cost		40000	30000
6		Pumpset (1.5 HP)		8000	4000
7		Panthal Preparation		10500	9000
Total					98500

(Rupees Eighty One Thousand Only)

Sl. No	Name of Project	Item	Area (Ha)	Proposed Amount	Amount Sanctioned
4.	<u>Vegetable cultivation at Chavakkad Police Station</u>				
1	Vegetable cultivation at Chavakkad Police Station Assistant Director of Agriculture Chavakkad, Agricultural Field Officer, Chavakkad.	Land Preparation	.04	5000	3800
2		Grow bag with drip irrigation		8000	6000
3		Procurement of good quality vegetable seeds & seedlings		3000	3000
4		Pot with mixture		20000	20000
5		Procurement of Organic Manures		5000	5000
6		Procurement of Bio pesticides & application charges		10000	5000
7		Labour Charge		5000	4000
		Miscellaneous		5000	1000
Total				61000	47800

(Rupees Forty seven Thousand Eight hundred only)

- Amount
Claimed
- a) Effective supervision should be ensured by Assistant Directors of Agriculture, Anthikkad, Chalakkudy, Chavakkad, Chowannur, Kodakkara, Irinjalakuda, mathilakam, Ollukkara Pazhayannur, Puzhakkal and Wadakkanchery and at Kirshi Bhavan level Agricultural Officers Anthikkad, Chalakkudy, Chavakkad, Orumanayur, Kunnamkulam, Choondal, Nennmanikkara, Irinjalakuda, Mathilakam, Eriyad, Ollukkara, Puthur, Vilvattom, Thrissur, Madakkathra, Vallatholnagar, Avanur and mundathikode. The Assistant Directors of Agriculture Anthikkad, Chalakkudy, Chavakkad, Chowannur, Kodakkara, Irinjalakuda, mathilakam, Ollukkara Pazhayannur, Puzhakkal and Wadakkanchery should release the assistance stage by stage when the project is implemented and the stage wise implementation of the project sanctioned.
- b) Seeds and planting materials should be procured from Departmental Farms/Kerala State Seed Development Authority, Thrissur/VFPCK/Kerala Agricultural University/Farmer Seed, etc.
- c) Display Boards should be put up showing the Name of Department, Name of Project, etc.
- d) The whole programme should be documented and CD should be send to Principal Agricultural Officer, Thrissur and separate register maintained.
- e) Launching of programme should be done with public participation.
- f) An agreement should be executed with the institutions, to the effect that vegetable alone will be cultivated in the proposed area for a period of 5 years.

The expenditure in this regard will be debited under the head of account 2401-00-119-85-34(OC) Plan during the current year's budget.

Sd/-

Principal Agricultural Officer
Deputy director of Agriculture (NWDPRA)
deputy Director of Agriculture (NWDPRA)
Principal Agricultural Officer
THRISSE

Copy To

1. Assistant Directors of Agriculture Anthikkad, Chalakkudy, Chavakkad, Chowannur, Kodakkara, Irinjalakuda, mathilakam, Ollukkara Pazhayannur, Puzhakkal and Wadakkanchery & Agricultural Officer, Anthikkad, Chalakkudy, Chavakkad, Orumanayur, Kunnamkulam, Choondal, Nennmanikkara, Irinjalakuda, Mathilakam, Eriyad, Ollukkara, Puthur, Vilvattom, Thrissur, Madakkathra, Vallatholnagar, Avanur and mundathikode.

Annual Report of National Service Scheme 2019-20

(Unit Nos. 54 & 130)

Panampilly Memorial Govt.College, Chalakudy

The NSS family of Panampilly Memorial Government College, Chalakudy is presenting its activities during the academic year 2019-20. Respected Principal Dr. Aravind Krishnan K. looked after the activities of the Scheme in the campus. Dr. Jayasre Paul and Sri Sreejith Y act as Programme Officers and Kum. Sreelakhshmi K S II BA Political Science and Hilton Mathai II BA Economics act as Volunteer Secretaries. Besides, the activities of the Scheme are over seen by its governing board. For operational convenience, activities of the Scheme are sub-divided into four, each headed by separate student leaders. The major functionaries are:

The clubs are the following:

- i. HARITHA SENA
- ii. BLUE ARMY
- iii. RED RIBBON CLUB
- iv. PALLIATIVE CLUB

HARITHASENA

National Service Scheme formed Harithasena, a club exclusively for organic cultivation in this college. The leaders were Vyshnav A A and Vandana Nandakumar. The club decided to start vegetable cultivation inside the college compound. The volunteers decided to cultivate the barren land near the women's hostel inside the college compound. The then principal Dr. V Manikantan Nair gave us permission to clear one acre of land for cultivation during the month of April 2019.

Organic Cultivation: Stage I

Using JCB and tractor, the land was cleared during the middle of month May. Then students planted 55 chena and 3 kg of ginger. During the same month, **Vaarams** were made for planting organic vegetables.

Fertilization and Pest Removal

To begin with, the soil sample was given Agro Research Station, Chalakudy for testing. From the test, it was evident that the soil is highly acidic and with low content of phosphorus and nitrogen and carbon. To reduce the acidic character of the soil, green calcium carbonate powder was added. After five days, organic manures such as cow dung, neem cake, bonmeal, neem cake, ground nut cake, *marotti nut cake*, *punna*, *avanakk nut cake (cafer)* were added to soil.

On 15th, June 2019, Principal Dr.V Manikantan Nair inaugurated the function of planting vegetable seeds. Volunteers learned how to plant cowpea seeds.

The volunteers with the help of MGNREGS workers dugged 127 pits. Ward Councilor Sri Joy Chamavalappil inaugurated the function of planting bitter gourd and snakegourd seeds in these plants.

NSS conducted many one day camps for adding organic manures and preparing organic pesticides. Veteran organic farmer Sri.Sivaraman Thumbarath gave training in this field. Twice in a week Harithasena members applied organic pesticides such as fish amino acid, chilly-garlic essence pseudomonous liquid, biveria liquid and panchagavya to the seedlings. In every day, volunteers spend 30 to 45 minutes in the vegetable garden. On 3rd August 2019, a panthal was set up for bittergourd and snakegourd. They covered soil with twigs, dry leaves etc. On 18th September 2019, Smt. Jayanthi Praveenkumar chairperson of Chalakudy Municipality inaugurated harvest of vegetables in a function presided by the principal Dr. Aravind Krishnan K. After the formal function, the volunteers sold the vegetables to the natives, teachers and students. In total, the NSS earned Rs.10,000 from vegetable cultivation.

Organic Cultivation: Stage II

After the Onam sales, the Harithasena volunteers planned to start vegetable cultivation in hostel compound. In association with Chalakudy Krishibhavan, the NSS launched Project Based Cultivation in the campus. The Krishibhavan allocated Rs.81,000 towards the college for starting vegetable cultivation for one acre in the college. A part of this amount was used for installing micro drip irrigation for cultivation. By 1st November 2019, drip irrigation was installed. By the third week of October, land was prepared for the second stage of cultivation. They added green calcium carbonate powder organic manures in the soil. Chalakudy municipal chairperson Smt. Jayanthi Praveenkumar inaugurated the planting of

vegetable seeds and volunteers also planted. They planted the seeds of salad cucumber, bittergourd, watermelon, pumpkin, and cowpea. Every evening the volunteers used to treat the seedlings by adding organic manure and spraying organic pesticides. Some of them engaged in removing the pests from the plants. A few of them engaged in spreading the stems of bittergourd and salad cucumber to panthal. On 30th December 2019, Smt. Jayanthi Praveenkumar chairperson of Chalakudy Municipality inaugurated harvest in a function presided by the principal Dr. Aravind Krishnan K.

Marketing of vegetables

In every alternative days, volunteers open counter for the sale of vegetables at the portico of the college. They sold cucumber, bittergourd, snakegourd, water melon, pumpkin, brinjal etc. Volunteers opened the counter to teachers, students and natives. In Onam season, these vegetables were marketed at Chalakudy town. Teachers in this college well supported sale. They seldom purchase vegetables from other shops.

NSS arranged stall for the sale of vegetables at the All Kerala Organic Farmers Fest at Thrissur on 11th and 12th January 2020. Volunteers distributed vegetables to the inmates at Home for Destitutes at Chalakudy. The second stage of cultivation supplemented an income of Rs.20,000 to the NSS.

BLUE ARMY

National Service Scheme formed Blue Army, a club exclusively for water and soil conservation. It also stands for anti-plastic campaign and implementation of eco-friendly activities in and around the campus. Suhaiba C K (II BA Political Science) and Devadathan K U (II BA Mathematics) were the leaders of this club. The club prepared plan of action during 2019-20. It conducted following programmes in the campus.

1) Discussion forum for Conservation of Chalakudy River

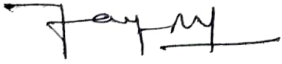
In the light of extreme of pollution of Chalakudy river, volunteers took initiative to invite Sri. Ravi S P, Director of River Resource Centre, Chalakudy to deliver a talk on River Pollution


KOTHIYANS 2K19 Food Fest: NSS Organised KOTHIYANS 2K19 Food Fest for helping needy students in the campus on 8th November 2019. All the departments put eco-friendly stalls for selling variety dishes. Live cooking stalls were also put up. The food fest collected Rs.10000 as profit and given to a female student from Department of Economics for pursuing her studies. Cash prize was given to the best eco-friendly variety and dishes serving stall. Prizes were also given to the best profit yielding stalls.

Independence Day Celebrations (15.08.2018) Independence Day was celebrated with all respect and honor in the college under the auspices of NSS. NSS Programme officer hoisted the National Flag. It was followed by Flag salutation and pledge. Students sang Vandemadaram and NSS Song. Besides they sang several national integration and patriotic songs. There was sweets distribution to students and teachers. About 200 students and staff participated in the function. There was a briefing of the Independence Day, our great freedom fighters, the freedom struggle etc. The volunteers cleaned road and junction near the college.


Gandhi Jayandhi (2nd October 2019): The NSS family observed Gandhi Jayandhi on 02.10.2019. On 2nd October, volunteers sang patriotic songs. Sri Sreejith Y. NSS Programme officer shared Gandhian thoughts with them. There was a short manual work in this connection to prepare earth for herbal garden. They were given the assignment to identify the herbs also.

Republic Day (26th January 2020): On Republic Day, Principal Dr. Aravind Krishnan K hoisted National Flag. It was followed by Flag salutation and pledge. Students sang Vandemadaram and NSS Song. Besides they sang several national integration and patriotic songs. Teachers and volunteers attended the function.


 Dr. Jayasree Paul
 NSS Programme Officer
 Unit No.54

For 
 Sri Sreejith Y
 NSS Programme Officer
 Unit No.130




 21.07.2020
 പ്രിൻസിപ്പൽ
 പി.എ. ഗവ. കോളേജ്
 ചാലക്കുടി



List of Participants in Organic Farming (2019-2020)

Sl. No	Name	Class	Signature
1	ALKESH KUMAR	1 st BA Eco	<u>Alkesh</u>
2.	Ruksana Lakhman	1 st B.COM	<u>Ruksana</u>
3	Vandhana Nadhakumar	Economics	<u>Vandhana</u>
4	Vaishnav A.A	B.A Economics	<u>Vaishnav</u>
5.	Hilton Mathai	Economics	<u>Hilton</u>
6.	Sanmayasheji	B.com	<u>Sanmayasheji</u>
7)	Kevin K	1 st BSc Maths	<u>Kevin</u>
8)	ALWIN PB	1 st BSc maths	<u>ALWIN</u>
9)	Devadathan.k.v	1 st Bsc maths	<u>Devadathan</u>
10)	Ajith Mohan Das	1 st B.Com	<u>Ajith</u>
11)	Ardra E.R	1 st politics	<u>Ardra</u>
12)	Greetha Krishnan	B.A-ECO	<u>Greetha</u>
13	Swalithas	BA-ECO	<u>Swalithas</u>
14	Anizha MJ	BA ECO	<u>Anizha</u>
15	Arun m.B	BA pol	<u>Arun</u>
16	Amsrutha Santhosh	1 st B.com	<u>Amsrutha</u>
17	Anju Krishna P.S	1 st BCom	<u>Anju</u>
18	Arjya k.k	Bsc Maths	<u>Arjya</u>
19	Abion	B.A Eco	<u>Abion</u>
20	Sooraj S	Bsc Maths	<u>Sooraj</u>

21. Akshay . P . V BA . Eco Akshay
22. Alhira Mohanan BA Pol Alhira
23. Nandana A.B Ist BSc Maths Nandana
24. Shelgiya N.V BA Eco Shelgiya
25. Deepthi Dineesh Ist Bsc Maths Deepthi
26. Alaga Suresh Ist Bcom Alaga
- 27 Anjama P R Ist BSc Maths Anjama
- 28 Ameesa P R BA Economics Ameesa
- 29 Sivakami CS BA Pol Sivakami
- 30 Shamaseena EK BA Pol Shamaseena
31. Asif Shanob V.S BA Eco Asif
32. Angel Rose . A.J Ist Bsc Maths Angel
- 33 Swaparvathy . V.M Ist BSc maths Swaparvathy
- 34 Deva Rajan K.R. Ist BA . Economics Deva
35. Vishnu A.S. BA Eco. Vishnu
36. Anjima K C BA Eco Anjima
- 37 SURAJ SURESH BSC MATHS Suraj
- 38 Annas BA Politics Annas
- 39 Arun M.P BA Pol Arun
- 40 Vindhya K.A Bcom Vindhya
41. Vaishak M.D BCom Vaishak

Jayanti
Dr. Jayasree Paul
N.S.S P.O.



Certificate

Certified that the activity was conducted under the auspices of NSS/ Bhoomithra Sena/ Red Ribbon Club as part of the extension and outreach programme by the institution benefitting the community as well.

Chalakydy
10-08-2023



PRINCIPAL

Principal

P.M. Govt. College
Chalakydy