



UNNAT BHARAT ABHIYAN

The Gandhigram Rural Institute
(Deemed to be University)
Gandhigram - 624 302, Tamilnadu.
AISHE -U- 0453



ANNUAL REPORT 2019 - 2020















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Submitted by

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THE GANDHIGRAM RURAL INSTITUTE
(DEEMED TO BE UNIVERSITY)
GANDHIGRAM
TAMIL NADU

Report on Activities under Unnat Bharat Abhiyan (2019-20)

"If we have to build the nation, we have to start from the village"

- Hon'ble P.M. Sri. Narendra Modi

Unnat Bharat Abhiyan is a flagship programme of the Ministry of Human Resource Development with the intention to enrich rural India. The programme was formally launched by the Ministry of Human Resource Development (MHRD) in the presence of President of India on 11th November, 2014. Unnat Bharat Abhiyan 2.0 was lauched by Shri Prakash Javadekar on 25th April 2018. The Vision and Mission of UBA are :

Vision

Unnat Bharat Abhiyan is inspired by the vision of transformational change in rural development processes by leveraging knowledge institutions to help build the architecture of an Inclusive India.

Mission

The Mission of Unnat Bharat Abhiyan is to enable higher educational institutions to work with the people of rural India in identifying development challenges and evolving appropriate solutions for accelerating sustainable growth. It also aims to create a virtuous cycle between society and an inclusive academic system by providing knowledge and practices for emerging professions and to upgrade the capabilities of both the public and the private sectors in responding to the development needs of rural India.

The Gandhigram Rural Institute formally submitted its application as one of the participating institutes under UBA in March 2018. Totally nine villages are adopted under UBA as given below.

Villages Adopted

S. No	Name of the Village	Taluk	District
1	Achampatti	Dindigul	
2	Agaram	Dindigul	
3	Chettiyapatti	Athoor	
4	Chathirapatti	Dindigul	
5	Kondamanaickanpatti	Reddiarchatram	Dindigul District
6	Kottur Avarampatti	Dindigul	
7	Rengappanur	Dindigul	
8	Ulagampatti	Dindigul	
9	Valaiyapatti	Athoor	

The various activities undertaken under UBA programme during 2019-2020 are listed here.

S.	Date	Name of the programme	No. of participants	Place
No.	15.00.2010		T 0 00 1 07	CI
1.	15.08.2019	Gram Sabha Meeting	Four Staff members, 25 students and villagers	Chettiyapatti
2.		Advisory Committee Meeting		GRI
3.	24.11.2019	Awareness Generation Through rallies and Shramdhan to remove the plastic wastes as part of Swachhita hi Seva Campaign	50 students and villagers	T. Kallupatti and Thompampatti
4.	Nov and Dec 2019	Village and Household survey	25 students	All villages
5.	26.12.2019	Submitted the Activities Carried out by GRI under UBA programme in Video format to NCI, Newdelhi		
6.	December 2019	Energy Audit	15 Students	Chettiyapatti
7.	Jan 2019	Data Entry of the Survey results at UBA website	Co-ordinator and 5 students	
8.	19.01.2020	Diabetes Screening Camp in Collaboration with Arthur Ashrivatham Hospital, Madurai	60 Villagers	Kallupatti
9.	26.01.2020	Gram Sabha Meeting	Four Staff members, 25 students and villagers	Chettiyapatti
10.	13.02.2020	Education Award Distribution to Students of Chettiyapatti School in Collaboration with LIC, Dindigul	10 students (Award worth of Rs.300/ student)	
11.	14.02.2020	Menstrual Hygiene Education to Adolescent girls at Chettiyapatti School	60 girls	
12.	Feb 2020	Nutrition Education (5 Sessions)	25 Diabetic persons	Valayapatti
13.	17.02.2020	Submitted Eight Proposals for technology development	8 Faculty Members	
14.	25.02.2020	Low Cost and No cost technologies – An exposure visit to SHG members	40 SHG women	GRI
15.	08.03.2020	Women's Day Celebration	200 Rural women	Chettiyapatti

16.	April / May	COVID Activities	500 villagers	All Villages
	2020	- Awareness generation	•	_
		in Villages through		
		mic		
		 Skill training on Mask 		
		preparation through		
		whats app group		
		Diet counseling to Rural		
		women to take immune		
		boosters through whatsapp		
		group and pamphelts		
17.	19.06.2020	The Co-ordinator Participated		
		in the on-line interaction		
		programme on proposal		
		development for community		
		engagement organized by		
		RCI, GRI and NIRD,		
		Hyderabad		

Project Proposals submitted by Gandhigram Rural Institute (Deemed to be University) to UBA

Sl.	Name of the PI	Title of the Project Proposal	Date of	Subject Expert
No		submitted	submission	Group
1	Dr. V.Kirubakaran	Design and Development	12.02.2020	Rural Energy
	Director	Solar Water Heater integrated		System
	Centre for Rural Energy, GRI	Solar Dryer for Preparation of		
		Siddha Medicine in Rural		
		Areas		
2	Dr.T.Senthivel	Socio-Economic	12.02.2020	Sustainable
	Professor	Empowerment of Women		Agriculture
	School of Agriculture and	through Sericulture		System
	Animal Sciences, GRI	Enterprises		
3	Dr.M.MaryShanthi Rani,	Smart Application for Maize	12.02.2020	Sustainable
	Assistant Professor,	Crop Growth Analysis		Agriculture
	Department of Computer			System
	Science and Applications, GRI			
4	Dr. M. Arunachalam	Laboratory effluent treatment	12.02.2020	Liquid Waste
	Assistant Professor,	system for the removal of		Management
	Department of Chemistry, GRI	micropollutants from water		
		using porous 3D network		
		polymer		
5	Dr. M. Seethalakshmi	Extrusion Technology for	12.02.2020	Sustainable
	Professor & Dean	Development of Minor		Agriculture

	School of Agriculture and Animal Sciences, GRI	Millets and Whey Protein Based Products		System
6	Dr.K.S. Pushpa Professor Department of Home Science, GRI	Adaptation of Wheelchair Used by Women in Rural Areas - An Ethnographic Study	12.02.2020	Others
7	Dr.A. Thahira Banu Assistant Professor Department of Home Science GRI	Conversion of Food Waste to Manure by Fabrication of Waste Decomposer	14.02.2020	Sanitation & Solid Waste Management
8	Dr.S.S.Vijayanchali Associate Professor Department of Home Science, GRI	Fabrication of Mini Mill For Development of Soup Mix	14.02.2020	Rural Craft and Artisans Development & Rural Industrialization and Entrepreneurship Development

Gram Sabha Meeting at Chettiypatti 15.08.19



26.01.20





Diabetic Screening Camp at Kallupatti on 19.01.20



LOW COST AND NO COST TECHNOLOGIES FOR RURAL DEVELOPMENT

An exposure visit for SHG members in UBA villages

REPORT ON DIABETES SCREENING CAMP

Introduction

Diabetes mellitus ranks high as a global pandemic and threat to human health and global economies on the International health agenda. Gobally 425 million adults aged 22 to 79 years are estimated as diabetics by IDF 2017 and it may rise to 629 million by 2045. India shares the burden with 72.9 million with diabetes. Prevalence of pre diabetes (10.3 %) is also on rise in India. Thus a multi sectoral approach is needed to reduce the prevalence by Lifestyle modifications. The current campaign of Govt of India like Eat Right Movement of FSSAI and FIT India movement launched insists healthy eating and exercise for better living. It's high time to create awareness among the people on prevention and management of diabetes for better living hence as an initiative one day diabetes screening camp on19.01.2020, from 7.30am was conducted at Chettiyapatti panchayat which covered hamlets namely Ilayalwar nagar, Nanbarpuram, Kalupatti, Valayapatti and Velakannipuram. The Unnat Bharat Abhiyan, Department of Home Science of Gandhigram Rural Institute Deemed to be University, Gandhigram and Athur Asirvatham Hospital Madurai jointly organized the diabetes screening Camp.



The screening camp commenced with the address by the Zonal co-ordinator Dr. K. Ravichandran, on Diabetes as the root cause of all other disease and he explained about the importance to know the blood sugar level. Dr.Balaganeshan and his team from Arthur Ashirvatham Hospital had assessed the blood sugar and blood pressure level of the village people attended the camp. Following that the students from Home Science Department had collected the data about socio economic status, family details, their past health history, dietary habits, physical activity and performed anthropometric and clinical assessment related to diabetes from the participants using the "Pre-diabetic and Diabetic Screening tool". Nutritional status of the people was assessed by calculating their BMI (Body Mass Index), Waist Hip Ratio (WHR) and Waist Height Ratio. Participants with very high fasting blood sugar was also tested for Post Prandial Blood sugar levels.



Findings

A total of 160 villagers participated in the camp and among them 44 were diagnosed as prediabetics having fasting blood glucose level >100mg/dl and 46 diabetics with their blood glucose level 140 - 420mg/dl. Among the 46 diabetics nearly five percent were newly detected. Further the villagers were asked to visit the nearest Govt hospital or PHC to continue the treatment. Mrs. Janet, Dietician, Arthur Ashirvatham Hospital and Dr.Thahira Banu A, Assistant Professor, Home Science Department gave counselling on dietary habits and made the people to understand that diet and physical activity adherence is more important to prevent and control diabetes mellitus.

Future Interventions

The students of M.Sc Food Science and Nutrition and M.Sc Home Science Extension and Communication students of Home Science Department will conduct street play, demonstrate healthy way of eating and create awareness to change life style habits. The activities will be carried out to create awareness to the population that food habits and lifestyle plays an inevitable role in prevention and control of disorders namely diabetes mellitus, cancer and neurodegenerative diseases.

A novel method to tackle the increasing prevalence of diabetes is needed and mHealth Technology is a viable tool to prevent and manage diabetes. A survey on android users were also done and found that one in five members is using android mobiles. Hence an app will be developed to provide personalized nutrition care. Since the main advantages of using digital platforms are to overcome barriers of self management and could be available 24/7 and it could help with behavior changes like physical activity and diet.

Dr.Kavitha Maithili, Co-ordinator of Unnat Bharat Abhiyan ,Gandhigram Rural Institute co-ordinated the camp. Mr. Raja and Mr.Palani, President and Vice President of the Chettiapatti Panchayat helped to organise this camp.

21.01.2020 pgno.3 செட்டியபட்டி ஊராட்சியில்

சர்க்கரை நோய் விழிப்புணர்வு சிறப்பு முகாம்

திண்டுக்கல், ஜன. 20: காந்திகிராம திராமியப் பல்கலைக்கழக மனை யியல் துறை சார்பில் உன்னத் பாரத் அபியான் கிட்டத்தின் கீழ் செட்டியார்டி ஊராட்சியில் சர்க்கரை நோய் விழிப்புணர்வு சிறப்பு முகாம் ஞாயிற்றுக்கிழமை

நடை பெற்றது.

முகாமின் பங்கேற்றவர்களின் பொருளாதர்ர நிலை, குடும்ப விவரங்கள், கடந்தகால ஆரோக் சிய நிலை, உடல் நலக்கூறு, உடல் செயல்பாடு, நீரிழிவு நோய்க் கான மருத்துவ மதிப்பீடு மற் றும் உணவு பழக்க வழக்கங்கள் உள்ளிட்ட விவரங்கள் சேகரிக்கப் LIL L SOT.

அதனைத் தொடர்ந்து மருத் துவர் பாலகணேஷ் தலைமை யிலான மருத்துவக் குழுவினர், ரத்த சர்க்கரை அளவு மற்றும் ரத்த அழுத்த பரிசோதனை மேற் CHATESUL STIT.

MENT COURT OPERATORS THE Campantamistre 44 Cur Brilly நோய் வரும் முன் நிலையிலும், 46 பேர் நீரழிவு நிலையிலும் இருப் பது கண்ள இயர்பட்டது.

உளட்டத்தத்து நிபுணர் ஜானட் நீரழிவு நோய் வரும்முன் தடுப்ப கற்கான வாழ்வியல் முறை மாற் றங்கள் மற்றும் சர்க்கரை நோயா ளிகளுக்கு ஏற்ற உணவு முறை கள் பற்றிய ஆலோசனை வழங்கி னார். உடல் நலத்தை பாதுகாக்க, மருந்து மாத்திரைகளைவிட உண வுக்கு முக்கியத்துவம் அளிக்க வேண்டும் என அறிவுறுத்தப்பட் 1_5/1.

இதனை கிராம மக்களிடம் எடுத்துச் செல்லும் வகையில். மனையியல் துறை மாணவிகள் நாட கங்கள் சார்பில் CLITTI 19 Join நடத்தி வழிப்பு ணர்வு ஏற்படுத்த திட்டமிடப்பட டுள்ளதாக காந்திகிராம பல்கலை. உன்னத் பாரத் அபியான் இட்ட ஒருங்கிணைப்பாளர் சு.சுவிதா

மைதிலி தெரிவித்தார்.

மேலும் கென்னிந்திய உண வுகளில் ஊட்டச்சத்து மற்றும் உணவு உள்கொள்ளும் முறையை ரை செயலி மூலம் வழங்கி அகன் பயன்பாட்டை ஆய்வு செ G FUNL வித்தார். முகாமிற்கான ஏற்பாடு sessen Gor iqui'nu iq songai F மன்றத் தலைவர் சாஜா மற்றும் துணைக் கலைவர் பழனி ஆகி Curri Gruin Chianonik.

சாக்கரை நோய், ரத்த அழுத்தம்

நோய் வருமுன் தடுப்பு முகாம்

திண்டுக்கல், ஜன.21-சின்னாளப்பட்டி காந்தி கிராம பல்கலை உன்னத் பாரத் அபியான் திட்டத்தின் **கீழ் மனையியல் துறை** சார்பில் , செம்பட்டியில் சர்க்கரைநோய், உயர் ரத்த அழுத்தம் தடுப்பு வருமுன் தடுப்பு முகாம் நடந்தது. டாக்டர் பாலகணேஷ் தலைமையிலான குழுவி னர் ரத்தப் பரிசோதனை செய்தனர். உடல்நலக்கூறு, செயல்பாடு, ஆரோக்கி யம், உணவு பழக்க வழக் கங்கள் போன்ற விபரங் கள் சேகரிக்கப்பட்டது.

ரத்த அழுத்த அளவு, சர்க் கரை நோய் பாதிப்பு நிலை கண்டறியப்பட்டது. நோய் தடுப்புமுறை, சர்க்கரை நோயாளிகள் உணவுக் கட்டுப்பாடு எடுத்துரைக் கப்பட்டது.

மனையியல் துறை பேராசிரியர் தாகிராபானு, ஊட்டச்சத்து நிபுணர் ஜானட் பங்கேற்றனர். திட்ட ஒருங்கிணைப்பா ளர் கவிதா மைதிலி, செட் டியப்பட்டி ஊராட்சி மன்ற தலைவர் ராஜா, உபதலை வர் பழனி முகாம் ஏற்பாடு களை செய்தனர்.



அளவரிந்து உண்பீர்! ஆரோக்கியமாக வாழ்வீர்!

கழிப்புகள்:

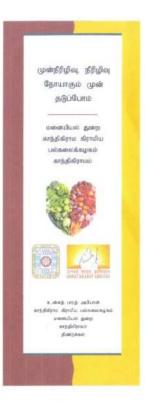
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- 9.துரித் உளவுகளை நவிர்க்கவும்

நீரிழிவு வரும் முன் தடுப்போம் நலம் பெருவோம்!



காந்திகிராம் கிராமிய பலிகளைக்கழகம்

வடிகைப்பாளர் சி. விந்பாறி முதுகலை இரண்டாம் ஆண்டு உணவு அழிவியல் மற்றும் ஊட்டச்சத்து wyjani.g டாக்டர் தாஹ்ரா பாலு new dengment artifelmi donlu islamotajni E-mail: shreeopositive@gmail.com Phone.no: 9566890642





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ல்வரசெல்க குறியிற நாட் உண்ணும் உணவு செரித்து நம Bish shang permit odskieljegi Tompen, odkielje domikrak odkielj

ofinit garpenn gelongs politica Coesique numquel கிண்ணின்றிக் அறிப்பே அண்டிய உள்ள உண்ணுகள் உருமையிறந்த அரிசி, ஊறுகாப், ராக்கவர், வாற்றா பாட்கான், ஆணிராணங்கள், தேவ், உலர் நிரார்கள் பதுப்படுத்தப்பட்ட உணவுகள் மற்றும் பேக்கிர் ஐடம்பட் மிதுமாக எடுத்துக்கொள்ள வேண்டிய உணவுகள்

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நம் நட்டு



en activities



THE GANDHIGRAM RURAL INSTITUTE (DEEMED TO BE UNIVERSITY) GANDHIGRAM – 624 302. TAMIL NADU (AISHE –U -0453)

LOW COST AND NO COST TECHNOLOGIES FOR RURAL DEVELOPMENT

- An exposure visit for SHG members in UBA villages





In the eve of National Science Day Celebrations 2020, an exposure visit for SHG members to low cost and no cost technologies for rural development was jointly organized by UBA and Department of Lifelong Learning and Extension on 25.02.2020. The theme of this year National Science Day is 'Women in Science'. So in order to create awareness among rural women on rural technologies this exposure visit was arranged.

The SHG women visited the KrishiVigyanKendra (KVK) of GRI campus. The Petroleum Conservation Research Association, Government of India and Rural Energy Centre of GRI in association with the KVK of GRI organized a programme to give awareness to the farmers and women about the importance of conservation of Petroleum products. The programme started at 10.00



am. Officers from the National level, regional level and local level of PCRA were present in the programme. The Assistant Professor and director of REC Dr. Kirubakaran welcomed everyone to the programme in the presence of Mr. Saravanan Programme Coordinator, KVK. They arranged an exhibition about how to conserve energy in daily activities. The participants visited the exhibition. After that lecture on the importance of energy conservation for our future generation was delivered. The programme was concluded at 11:00 am.



Next visit was at the Biology department. Dr. P.U Mahalingam, Head of the Department explained about Vermi composting, Aqua culture, and Mushroom cultivation. Vermicomposting is a type of composting in which certain species of earthworms are used to enhance the process of organic waste conservation and produce a better end product. It is a mesophilic process utilizing

microorganisms and earthworm. He explained about to implant small scale and large scale vermi composting plant. Then visited the Aqua culture lab. Different varieties of ornamental fishes were in the lab. They explained how to breed ornamental fish safely in an economic manner. Next class was on Mushroom cultivation. Dr. P.U Mahalingam thoroughly explained and clarified the doubts of the participants. After the classes SHG members visited the green house plant and other units of the Biology department. The morning sessions was over.

In the afternoon sessions, they visited the Rural Energy Centre at GRI.. It was a very good experience for the SHG women. Different solar panels, wind mill, solar cooker, biogas plant model and other energy based equipments are available in the park. Scholars of the department explained the principles and working of the equipments and also clarified the doubt. Then PCRA officials throw an insight into the safe use of energy in our day to day activities like how to safely we should use gas cylinder, refrigerator, solar energy etc.

After that SHG members visited Rural technology Centre (RTC). The objectives of RTC is to develop technologies for rural upliftment through innovative approaches. The centre is actively involved in research in the areas of cost effective building technologies, habitat issues, rural housing and models. All the members visited the rural technology park. In the park

different varieties of cost effective building construction hollow bricks and other materials were shown. Rather than cost effective the shelf life of all them are also high. The staffs of the centre clearly narrated on the cost effective building technologies. The session ended at 4: 30 pm.

SHG members expressed a satisfactory remark and thanked the organizer for giving them an opportunity to know about various rural technologies. Few also expressed their interest to cultivate mushrooms and ornamental fish and requested for further training. The UBA co-ordinator said training will be arranged in future. This exposure visit helped the SHGs to aware of the technologies and widens their knowledge on conservation of energy.

THE GANDHIGRAM RURAL INSTITUTE (DEEMED TO BE UNIVERSITY)

UNNAT BHARAT ABHIYAN and DEPARTMENT OF LIFELONG LEARNING AND EXTENSION

Jointly organizes

LOW COST AND NO COST TECHNOLOGIES FOR RURAL DEVELOPMENT -An exposure visit for SHG members in UBA villages

Date: 25.02.2020 Time: 10 am

PROGRAMME SCHEDULE

TIME	PLACE
10.00 – 11.30 am	KVK, Gandhigram.
11.30 – 12.00 pm	Tea Break
12.00 – 1.00 pm	Department of Biology
1.00 – 2.00 pm	Lunch
2.00 – 3.00 pm	Rural Energy Centre
3.00 – 4.00 pm	Rural Technology Centre

`LOW COST AND NO COST TECHNOLOGIES FOR RURAL DEVELOPMENT -An exposure visit for SHG members in UBA villages' 25.02.2020 LIST OF PARTICIPANTS

S.No	Name of the Participant	Name of the village
1.	T.Philomina	K.N Patti
2.	S. Gracemary	Chatirapatty
3.	Geetha	Chatirapatty
4.	Vellaponnu	Chatirapatty
5.	Arokiyammal	Chatirapatty
6.	S. Leema rose	Achampatty
7.	M.Manjula	Achampatty
8.	M.Vasuki	Achampatty
9.	A.Latha	Achampatty
10.	P. SugunaDevi	Kottur Avarampatti
11.	S.Chitra	Kottur Avarampatti
12.	Murugeshwari	Kottur Avarampatti
13.	P. Eswari	Kottur Avarampatti
14.	B.Nagalakshmi	Rengappanur
15.	V.Priya	Rengappanur
16.	M.Muneshwari	Rengappanur
17.	S.Alponsha	Ulagampatty
18.	J.Arokiamary	Ulagampatty
19.	J. Sagayarani	Ulagampatty
20.	V.Rani	Ulagampatty
21.	K.Pandiselvi	KondamanaickanPatty
22.	P. Ramuthai	KondamanaickanPatty
23.	T. Pandeshwari	KondamanaickanPatty
24.	M. Sarashwathi	Chettiyapatty
25.	R. Vijayalakshmi	Chettiyapatty
26.	S. Dhanalakshmi	Chettiyapatty
27.	R. Vijayalakshmi	Chettiyapatty
28.	T. Santhi	Valaiyapatty
29.	C. Karpagam	Valaiyapatty
30.	Panjavarnam	Valaiyapatty
31.	P. Rajammal	Valaiyapatty
32.	M. Mahalakshmi	Akaram
33.	M. Amsavalli	Akaram
34.	R. Santhra	Akaram
35.	Neethumohan	Gandhigram