



KPR Institute of Engineering & Technology

Coimbatore - 641407

REPORT

On

Unnat Bharat Abhiyaan

2018-2019

By

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Coimbatore – 641407



UNNAT BHARAT ABHIYAN

Gandhi ji's idea to develop the Indian society was based on his understanding of the society and hence based on the village system. Talking about the importance of village, he wrote in 1936, "I would say if the village perishes, India will perish too."

The conceptualization of Unnat Bharat Abhiyan started with the initiative of a group of dedicated faculty members of Indian Institute of Technology (IIT) Delhi working for long in the area of rural development and appropriate technology. The concept was nurtured through wide consultation with the representatives of a number of technical institutions, Rural Technology Action Group (RuTAG) coordinators, voluntary organizations and government agencies, actively involved in rural development work, during a National workshop held at IIT Delhi in September, 2014. The workshop was sponsored by Council for Advancement of People's Action and Rural Technology (CAPART), Ministry of Rural Development, Govt. of India. The program was formally launched by the Ministry of Human Resource Development (MHRD) in presence of The President of India on 11th November, 2014.

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.

Goals

- To build an understanding of the development agenda within institutes of Higher Education and an institutional capacity and training relevant to national needs, especially those of rural India.
- To re-emphasize the need for field work, stake-holder interactions and design for societal objectives as the basis of higher education.
- To stress on rigorous reporting and useful outputs as central to developing new professions.
- To provide rural India and regional agencies with access to the professional resources of the institutes of higher education, especially those that have acquired academic excellence in the field of science, engineering and technology, and management.
- To improve development outcomes as a consequence of this research. To develop new professions and new processes to sustain and absorb the outcomes of research.
- To foster a new dialogue within the larger community on science, society and the environment and to develop a sense of dignity and collective destiny.

Members

Principal	Dr. M. Akila
Program Officer	Dr. P. Anilkumar , Assoc. Prof. / Chemistry
Program Coordinator	Dr. M.S. Karthikeyan , Head & Assoc. Prof. / Chemistry
Technical consultants	Dr. R.Saravanan , Assist. Prof./Chem Mr. S. Karthikeyan Assist. Prof./Maths
Chief Volunteer	Mr. A. Sivakumar , Lab Technician/ Department of Mechanical Engineering
Department Volunteers	Mr. Kathiravan , IV Year / Civil
CSE	Mr. Yoga Balaji , IV Year
Civil	Mr. Manoj , III Year
ECE	Mr. S.N.T Gokul , III Year
Mechanical	Mr. Naveen , IV Year
EEE	Mr. Krithick , IV Year
BME	Mr. Anto Praveen , IV Year

Programmes

Various Programmes conducted under UBA are

- ❖ Rural development processes
- ❖ Tree plantation
- ❖ Renovation- Construction and Repair
- ❖ Plastic free Environment awareness camp
- ❖ [Swachh Bharat](#) Program
- ❖ National Integration Camp
- ❖ Blood Donation
- ❖ Immunisation
- ❖ Disaster Management
- ❖ Adventure Programmes

Benefits of Being a UBA Volunteer:

A UBA volunteer who takes part in transformational change in rural development processes by leveraging knowledge institutions to help build the architecture of an Inclusive India. Being an active member these student volunteers would have the exposure and experience to be the following:

- an social responsive person
- an accomplished social leader
- an efficient administrator
- a person who understands human nature

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Co PI : **Dr. M.S. Karthikeyan**
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Village allotted : **Thekkampatti**
Masagoundenchettipalayam
Rasipalayam
Kaduvettipalayam
Kaliyapuram

2. Identification of Village Cluster by PIs

Thekkampatti

Head: **Mr. K. Sathis Kumar**, Panchayat secretary, Thekkampatti

Assisted by 10 NSS Volunteers

Masagoundenchettipalayam

Head: **Mr. K. Easwaran**, Panchayat secretary, Masagoundenchettipalayam

Assisted by 10 NSS Volunteers

Rasipalayam

Head: **Mr. T. Kumaraguru**, Panchayat secretary, Rasipalayam

Assisted by 10 NSS Volunteers

Kaduvettipalayam

Head: **Mr. C. Moorthi**, Panchayat secretary, Kaduvettipalayam

Assisted by 10 NSS Volunteers

Kaliyapuram

Head: **Mr. P. Muthumanikam**, Panchayat secretary, Kaliyapuram

Assisted by 10 NSS Volunteers

3. Discussion on the Village survey

Village	Village survey	House hold survey
Thekkampatti	Completed and uploaded	Completed for 16 families and uploaded for 7 families
Masagoundenchettipalayam	Completed and uploaded	Completed for 40 families and yet to be uploaded
Rasipalayam	Completed and uploaded	Completed for 32 families and uploaded for 10 families
Kaduvettipalayam	Completed and uploaded	Completed for 52 families and yet to be uploaded
Kaliyapuram	Completed and uploaded	Completed for 11 families and uploaded for 3 families

4. Problem Identification and Plan of action

Thekkampatti

Problem Identified	Plan of action
1. Poor standard of living.	<ul style="list-style-type: none"> • NSS team of students will take classes on Saturday & Sunday (covering total of 80 hrs) and educate the village people about basic education in Tamil comprising of reading, writing and basic mathematics. • Their performance will be evaluated and monitored. • Effective usage of such as internet banking, online payments etc will be taught in order to create awareness
2. Economically backward and need help for development.	<ul style="list-style-type: none"> • Willingness of the people will be taken and SHGs will be created. • Women and men will be divided into groups based on their age and capabilities. • Women will be given preference for bamboo basketry and bee keeping • Men for electrical works. • Each SHG consist of 10 Women or men and two such SHGs made for bamboo weaving and bee keeping. • 10 men will be selected and trained

	<p>for electrical works and automobile servicing.</p> <ul style="list-style-type: none"> • A workshop will be organized to explain about the avenues of economy generation. • SHGs role, responsibilities, leadership qualities, accounts maintenance and bookkeeping activities will be explained by trainers.
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Masagoundenchettipalayam

Problem Identified	Plan of action
1. Poor living environment.	<ul style="list-style-type: none"> • Willingness from public would be taken and Self help groups (SHG) will be formed. • Orientation will be given to the Self help groups in the construction and maintenance of sanitation systems. • Construction of Ecosan toilets and closed waste disposal systems according to normal health standards. • Separation and segregation of waste from the toilets and village premises. • SHG, Village leaders, NSS volunteers and Health staff to create a model and train public in the development of system. • Regular maintenance and monitoring of functioning of system. • Create awareness on the hazards of open defecation, undisposed solid waste, stagnation of sewage water and biomagnification.
2. Lack in proper health conditions.	<ul style="list-style-type: none"> • Organize health camps such as <ul style="list-style-type: none"> ▪ General health camp <ul style="list-style-type: none"> ○ Blood grouping. ○ Blood pressure check up. ○ Blood tests (Hb, RBS etc) and urine tests. ○ Assessment for risk factors for diabetes, dislipidemia and hypertension ▪ Eye Camp <ul style="list-style-type: none"> ○ Arrange free eye camps in

	<p>association with Aravind Eye Hospital.</p> <ul style="list-style-type: none"> ○ In case of Cataract or retinal problems free treatment can be given. ○ Provide glasses and lens at cheap cost. ▪ Diabetes clinic <ul style="list-style-type: none"> ○ Blood and urine check ups. ○ Dietician to educate food habits. ○ Provide right knowledge about medication. ▪ Health awareness programmes <ul style="list-style-type: none"> ○ Educate about epidemic disease out break like malaria, dengue and swine flu ○ Awareness to maintain proper sanitation • Follow up action to be taken on periodic visit of doctors and remedial measures to be taken in case of need.
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Rasipalayam

Problem Identified	Plan of action
1. Lack of sustainability in living.	<ul style="list-style-type: none"> • Willingness of the people will be taken and SHGs will be created. • Women and men will be divided into groups based on their age and capabilities. • Women will be given preference for cooking. • Men for electrical works. • A workshop will be organized to explain about the avenues of economy generation. • SHGs role, responsibilities, leadership qualities, accounts maintenance and bookkeeping activities will be explained by trainers.
2. Poor health conditions	<ul style="list-style-type: none"> • Organize health camps such as <ul style="list-style-type: none"> ▪ General health camp <ul style="list-style-type: none"> ○ Blood grouping. ○ Blood pressure check up. ○ Blood tests (Hb, RBS etc) and urine tests. ○ Assessment for risk factors for

	<p>diabetes, dislipidemia and hypertension</p> <ul style="list-style-type: none"> ▪ Eye Camp <ul style="list-style-type: none"> ○ Arrange free eye camps in association with Aravind Eye Hospital. ○ In case of Cataract or retinal problems free treatment can be given. ○ Provide glasses and lens at cheap cost. ▪ Health awareness programmes <ul style="list-style-type: none"> ○ Educate about epidemic disease outbreak like malaria, dengue and swine flu ○ Awareness to maintain proper sanitation • Follow up action to be taken on periodic visit of doctors and remedial measures to be taken in case of need.
3. Lack of water management system	<ul style="list-style-type: none"> • Water sample to be collected and scientifically analyzed. • Tank has to be constructed with proper filters.

Kaduvettipalayam

Problem Identified	Plan of action
1. Lack of awareness towards open defecation and sewage disposal.	<ul style="list-style-type: none"> • Willingness from public would be taken and Self help groups (SHG) will be formed. • Orientation will be given to the Self help groups in the construction and maintenance of sanitation systems. • Solid waste disposal is done by construction of biogas plants, the gas is planned to be used to make food for students during lunch in the primary school. • An area away from the village is planned to be used as landfill. • SHG, Village leaders, NSS volunteers and Health staff to create a model and train public in the development of system. • Regular maintenance and

	<p>monitoring of functioning of system.</p> <ul style="list-style-type: none"> • Create awareness on the hazards of open defecation, undisposed solid waste, stagnation of sewage water and biomagnification.
2. Lack of healthy living.	<ul style="list-style-type: none"> • Organize health camps such as <ul style="list-style-type: none"> ▪ General health camp <ul style="list-style-type: none"> ○ Blood grouping. ○ Blood pressure check up. ○ Blood tests (Hb, RBS etc) and urine tests. ○ Assessment for risk factors for diabetes, dislipidemia and hypertension ▪ ENT camp <ul style="list-style-type: none"> ○ Check ears, nose and throat. ○ Educate about disease that out-break such as flu and dengue ▪ Dental camp <ul style="list-style-type: none"> ○ Dentist to examine patients ○ Patients to be shifted to the dental hospital and given treatment at low cost. ▪ Health awareness programmes <ul style="list-style-type: none"> ○ Educate about epidemic disease out break like malaria, dengue and swine flu ○ Awareness to maintain proper sanitation • Follow up action to be taken on periodic visit of doctors and remedial measures to be taken in case of need.

Kaliyapuram

Problem Identified	Plan of action
1. Poor quality of drinking water.	<ul style="list-style-type: none"> • Water sample to be collected and scientifically analyzed. • Sand filter tank will be constructed with proper filters in 8 months of time. (As built in Kalar panchayat) • The functioning will be demonstrated and given training for sustainability. • SHG, Village leaders, NSS volunteers and Health staff to create

	<p>a model and train public in the development of system.</p> <ul style="list-style-type: none"> • Regular maintenance and monitoring of functioning of system.
2. lack of awareness on solid waste management.	<ul style="list-style-type: none"> • Compost yard to be constructed. • Landfill area to be identified and filling to be started. • Organic manure can be made available for the farms in a year and provided to farmers. • Follow up action to be taken on periodic visit of NSS students and remedial measures to be taken in case of need.
3. Construction of wall for a open well	<ul style="list-style-type: none"> • A wall is to be constructed for a open well which may avoid death of children and mentally affected people.