



ACTIVITY REPORT

2022



UNNAT BHARAT ABHIYAN (UBA) CELL

S.R.K.R. Engineering College (A)

SRKR Marg, China Amiram

Bhimavaram-534204

West Godavari District

Andhra Pradesh, India

Description of the activities / events organised under UBA Cell - SRKREC:
Wetland conservation:

It is the protection and preservation of wetlands. Wetlands are areas of land that are saturated with water, either permanently or seasonally. They include swamps, marshes, bogs, and fens. Wetlands are important ecosystems that provide a variety of benefits, including Water purification: Wetlands help to filter water and remove pollutants, Flood control: Wetlands help to store water and prevent flooding, Habitat: Wetlands provide habitat for a variety of plants and animals, including many that are endangered or threatened, Recreation: Wetlands provide opportunities for recreation, such as fishing, birdwatching, and hiking.

Dr. T. Rambabu and Dr. P. Raghuram who are working from last few years on Ramsar wetland, Lake Kolleru, located very close to SRKREC narrated the importance of the lake and how it is deteriorated over the decade. They stressed the need of the conservation of the lake and also mention the consequences if the thing is not done at the earliest.



Organic farming is a method of crop and livestock production that involves much more than choosing not to use pesticides, fertilizers, genetically modified organisms, antibiotics and growth hormones. Organic production is a holistic system designed to optimize the productivity and fitness of diverse communities within the agro-ecosystem, including soil organisms, plants, livestock and people.



The principal goal of organic production is to develop enterprises that are sustainable and harmonious with the environment. Overall, organic farming is a sustainable and environmentally friendly way to produce food. It has many benefits for the environment, human health, and animal welfare.



UBA Cell is organizing activities to the rural farmers of the adopted villages on organic farming. In this context, UBA seek the help of mandal agriculture officer and they engaged trained agriculture officials (Village Agriculture Assistants, popularly known as VAA) for this event. Village coordinators conducted workshops on Zero Budget Natural Farming (ZBNF) to motivate the farmers to shift from the intensive practices to natural farming.



Renewable energy resources are natural resources that can be replenished over time. They are a sustainable alternative to fossil fuels, which are non-renewable and contribute to climate change.



Renewable energy resources are becoming increasingly important as we look for ways to reduce our reliance on fossil fuels and combat climate change. They offer a clean, sustainable, and affordable alternative to traditional energy sources. There are a number of challenges that need to be addressed in order to increase the use of renewable energy resources. Despite these



challenges, renewable energy is a promising option for the future. As the technology improves and the cost of renewable energy resources decreases, we can expect to see a more widespread adoption of these clean and sustainable energy sources.



Women's health refers to the physical, mental, and social well-being of women, with a focus on addressing their unique health needs and concerns. Women's health requires a comprehensive and holistic approach that considers the specific needs and concerns of women across the lifespan. It involves empowering women to make informed decisions about their health, providing access to quality healthcare services, and promoting gender equity and reproductive rights.



Initially, the programme is conducted for Kallakuru and Jakkaram rural public. Mrs. K. Vennela, Senior Staff Nurse, Mrs. Madhavi, Senior Staff Nurse, Mrs. G. Vara Lakshmi Devi, Senior Micro Biologist address the women folk about various women health related issues like Reproductive Health, Breast Health, Sexual and Reproductive Rights, Menopause and Hormonal Changes, Mental Health, Gender-specific Cancers, Bone Health, Health Disparities, Preventive Care, Healthy Lifestyle Choices.



In this program, most of the women claimed that they are facing calcium and Iron deficiencies due to malnutrition. Such category were suggested them to attend the workshops on Women Health. During the workshops organised at adopted villages, women community step forwarded to clarify their doubts regarding personal hygiene, menstrual cycles, sanitation etc. Resource persons (trained medical faculty) advised the women for appropriate possible solutions.

Community Baby Shower:



This program is organised as a part of Women Health and it is aimed to show the care towards the pregnant women in rural villages. In this event, medical experts given medical precautions to the women during carrying period.



Women faculty members of SRKREC, Families of Vasavi Club Bhimavaram also participated. Sri Vasavi Club, Bhimavaram donated Fruits & Sarees to all the carrying women attended the event.



The National Education Policy (NEP) of India is a policy document that outlines the vision for the future of education in India. It was approved by the Union Cabinet of India on 29 July 2020, and replaces the previous National Policy on Education, 1986.

The NEP 2020 aims to transform India's education system into a "truly learner-centric" system that is "globally competitive" and "future-ready." The NEP 2020 is a significant step forward for education in India. It has the potential to transform the education system and to prepare India for the challenges of the 21st century.



The NEP 2020 is a bold and ambitious document that has the potential to transform India's education system. It is still early days, but the government has made a strong start by approving the policy and setting out a clear vision for the future. It will now be important to implement the policy effectively and to ensure that all children have access to high-quality education.



Resource Person, Dr. R. Subba Rao, Professor in Mathematics deliver the objectives of NEP-2020 in detail to high school students of UBA adopted villages. The following were highlighted during his lecture to the staff and students as well: Making early childhood education (ECE) compulsory and free for all children between the ages of 3 and 6, Introducing a 5+3+3+4 school education

system, with a focus on holistic development and critical thinking, Making Sanskrit and foreign languages compulsory for all students, Promoting vocational education and skill development, Strengthening teacher training and professional development, Increasing investment in education.



Water management is the process of planning, developing, distributing, and managing water resources in a way that is sustainable and meets the needs of all users. It is an important part of ensuring that everyone has access to clean water and that water resources are not overexploited.



Water management is a complex and challenging task, but it is essential to ensure that everyone has access to clean water and that water resources are not overexploited. Water management is an important issue that affects everyone. By working together, we can ensure that everyone has access to clean water and that water resources are not overexploited.

Free Dental Health Campaign:

Dental health is an important aspect of overall well-being. It involves the care and maintenance of teeth, gums, and the entire oral cavity. Good dental health is crucial for proper chewing, speaking, and maintaining a healthy smile. UBA



Cell, SRKREC in association with Vishnu Dental College (VDC), Bhimavaram organize a free dental camp in Peda Amiram village. A good number of rural public were benefitted by the campaign.

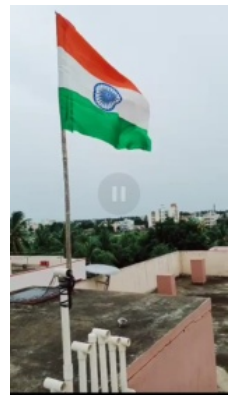
Har Ghar Tiranga Campaign:

"Har gar Tiranga" is a slogan that signifies the idea of every household proudly displaying the Indian national flag, symbolizing unity, patriotism, and love for the country. The saffron color represents courage and sacrifice, the white represents purity and truth, and the green represents fertility and growth. The Ashoka Chakra represents the eternal wheel of law.

The phrase "har gar tiranga" is often used during national celebrations, particularly Independence Day (August 15th) and Republic Day (January 26th), to encourage every citizen to



proudly display the national flag at their homes, symbolizing their devotion and pride towards the nation. It reflects the idea of collective patriotism and a sense of national identity.



Our UBA Cell of SRKREC proudly advertise the motto of Government of India with utmost dedication in all the adopted villages. High School students are so actively engaged in this program and made it a grand.

Free Eye Health Campaign:

Eye camps are important because they help to improve access to eye care services for people who would otherwise not be able to get them. They can also help to prevent blindness by identifying and treating eye problems early.



UBA of SRKREC organise a free Medical Camp for Eyes in association with Maxi Vision Eye Hospitals. Maxi Vision Eye Hospitals is committed to providing quality eye care to everyone, regardless of their ability to pay. Their eye camps are an important part of their mission to improve the eye health of people in India.



Clean Villages - Clean India :

Clean India is a national cleanliness drive launched by the Government of India in 2014. The aim of the campaign is to eliminate open defecation and improve solid waste management in India. The campaign has been successful in making a significant impact on cleanliness in India.

The Clean India campaign is a major achievement of the Government of India. The campaign has made a significant impact on cleanliness, health, and the environment in India. The campaign is a model for other countries that are trying to improve their sanitation and hygiene.

Our UBA Team implemented this program in all the adopted villages and got success. Students with social responsibility are engaged and conduct drives for the promotion of cleanliness.



Free Mega Medical Campaign:

Health camps play a crucial role in promoting healthcare awareness, providing basic medical services, and identifying health issues in underserved populations. They serve as a temporary solution to bridge the gap in healthcare accessibility and can have a positive impact on the overall health and well-being of the targeted communities.



UBA Cell and Women Empowerment Cell jointly organize a Medical Camp with the extended support of Akkineni Women's Hospital (AWH), Vijayawada for all the adopted villages.

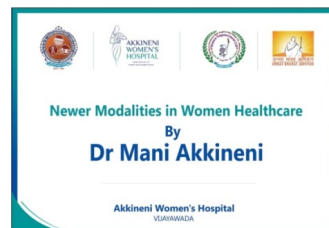


All the village coordinators took this as prime duty to make the people aware on the health issues. Management of SRKREC also took this as the prestige of UBA and advertise this at regional level through print and visual media.



In this camp, they offer a variety of services, including general medical check-ups, health screenings, dental check-ups, eye examinations, blood pressure measurements, blood tests, health education, counseling, and distribution of medications.

Dr. Mani Akkineni, Chair Person of AWH addressed the students and the stakeholders of the medical campaign on Newer Modalities in Women Healthcare. More than 15 doctors with different specializations were attended and offer their consultation services to the attendees.



Free medication also provided for the needy and few are advised to take next level consultation. A total of more than 380 rural public benefitted through this medical campaign conducted at our campus.

The UBA Orientation Program is a mandatory training program for all HEIs that are participating in the UBA program. The program is designed to help HEIs understand the objectives of UBA, the process of project identification and implementation, and the available resources. The UBA Orientation Program is an important part of the UBA program. It helps HEIs to understand the program and its objectives, and it provides them with the knowledge and skills they need to implement successful projects in rural India. It is an important part of the UBA program and it can help to make a positive social impact.



Workshops are a great way to learn new skills, share knowledge, and network with other professionals. They can be used for a variety of purposes, such as training, professional development, and community building. workshops can be a valuable tool for individuals and organizations. It's a way to learn new skills, share knowledge, or network with other professionals.



As a part of social responsibility, UBA Cell, SRKREC organise a workshop on Aims and Objectives of UBA. In this workshop, Dr. B. Pavani, Regional Coordinator-UBA, Andhra University broadly elaborated the working status of UBA at national level. Participants from various Participating Institutions (PI's) attended and benefitted.



Knowledge Sharing Session:

Water conservation is the practice of using water efficiently to reduce unnecessary water usage. It is important because fresh clean water is a limited resource, as well as a costly one. Water conservation is important for the environment. By taking simple steps to conserve water, we can help to ensure that there is enough water for everyone. Water conservation is a win-win for the environment and the economy. By taking simple steps to conserve water, we can help to protect our water resources for future generations.

Dr. Rambabu Tenneti, Associate Professor and UBA Village Coordinator of SRKR Engineering College (A) conducted a workshop on Water Conservation for the students of West Godavari Institute of Science and Engineering (WISE), Prakashraopalem, Tadepalligudem. An interactive session is also conducted for the students to grab their interest in serving the society. Dr. B. Pavani, Regional Coordinator-UBA is also participated in the event.



Thinking Nature Side:

Apart from meeting the objectives of UBA, SRKR Engineering College is also working for the Scientific Social Responsibility. In that way, we also interested to engage the students in conducting various nature related activities like World's Water day, World's Sparrow Day, Earth Day and many more. This will definitely helps the students to think about the importance of the environment and its related components in detailed manner.

World Sparrow Day is an annual event celebrated on March 20 to raise awareness about the conservation of the house sparrow. The day was first celebrated in India in 2010, and has since been adopted by many countries around the world.

House sparrows are small, brown birds that are common in urban and rural areas. They are known for their chirpy songs and their ability to adapt to a variety of habitats. However, house sparrow populations have been declining in recent years, due to a number of factors, including habitat loss, climate change, and the use of pesticides.



World Sparrow Day is an opportunity to learn more about house sparrows and the threats they face. It is also an opportunity to take action to help conserve these birds. There are many things that can be done to help house sparrows, such as: Providing them with nesting boxes, Planting native plants that attract insects, Reducing the use of pesticides, Educating others about the importance of house sparrows. By taking these simple steps, we can help to ensure that house sparrows continue to thrive for many years to come.

With this motto, UBA Cell, SRKREC conducted World Sparrow day in Ayurveda Vanam by engaging many interested students. Principal of the College - Dr. M. Jagapathi Raju, Dean, R&D - Dr. PARK Raju and other UBA Village Coordinators participated and narrated the importance of conservation of biodiversity.



World Water Day is an annual international observance day that is held on March 22 every year. The day was declared by the United Nations General Assembly in 1992. The purpose of World Water Day is to raise awareness of the importance of water and to advocate for the sustainable management of water resources.

The theme for World Water Day 2023 is "Groundwater: Making the Invisible Visible." Groundwater is a vital source of water for drinking, agriculture, and industry. It is estimated that about 2.2 billion people rely on groundwater for their drinking water. However, groundwater is under threat from pollution, over-extraction, and climate change. World Water Day is an opportunity to learn more about groundwater and the threats it faces. It is also an opportunity to take action to protect groundwater resources.

An online session organised for the students on the occasion of World Water Day. Dr. PARK Raju, Dean-R&D given a talk on current scenarios of water. He narrated the issues we are facing today about the water resources and also give an insight on the future scenarios too.



Felicitation is a way to show support and appreciation for someone's hard work and accomplishments. Such recognition is given to Dr. PARK Raju by RCI-UBA, Andhra University. Prof. G. Nagaraja, Prof. Shobhasri and Dr. B. Pavani felicitated Dr. Raju about UBA activities conducted by SRKREC on behalf of UBA.