



**TELANGANA TRIBAL WELFARE
RESIDENTIAL DEGREE
COLLEGE(GIRLS), KOTHAGUDEM**
Bhadradi Kothagudem District, Telangana State –
507101



(Affiliated by Kakatiya University, Warangal, Telangana)

Website: <https://ttwrds.ac.in/Kothagudem>



Department of

Physics

Extension and outreach programs conducted

Title of the Program : National Science Day 2019

Date of the Event : 28.02.2019

Resource person / Chief Guest : Smt.P.Ratna Kumari, Principal(FAC)

Brief Description:

Every year on February 28, is celebrated as the National Science Day. The programme was initiated by department to trigger science popularization activities throughout the country and to disseminate scientific education about the current issues of science and technology among the citizens of the country. The programmes starts around the national science day and activities like lectures, quiz, radio, television shows, open houses and debate etc. are organized around a central theme. These programmes are organized nationwide through the state S&T Councils, science and Technology Departments.

As a part of this program students participated in a video session to know the latest developments in Science and Technology.



Title of the Program : Awareness Program on Reduce Plastic Use

Date of the Event : 28.02.2019

Resource person / Chief Guest : Sri.K.Murali Mohan, GM, ITC
PSPD,sarapaka

Brief Description:

As a part of this awareness on plastic use, **The Join for Development Foundation (JD), Bhadrachalam** was set up with the primary aim of bringing a change in the lives of the people and with a secondary theme of creating a platform to connect those in need with those who can contribute apart from identifying and highlighting possible development models conducted an awareness program on **“Reduce plastic use: R-R-R”**.

- Students gained a greater understanding of the need to carefully use all resources in ways that are not wasteful and damaging to the environment —both now and in the future, a greater understanding of the threats facing a variety of organisms, including endangered species.



Title of the Program : **Motivational Video session**

Date of the Event : 13.11.2019

Resource person / Chief Guest : Smt.P.Ratna Kumari, Principal(FAC)

Brief Description:

Learning motivation is one of the most important factors for promoting active learning and improving learning achievement. To promote students' learning, motivation is a key to unlocking students' active learning. In this regard a series of motivation classes are designed to motivate the students' towards their goal achievement.

- Smt.G.Sunitha, DL in Physics has given a ppt presentation and shared a motivational video on Muniba Mazari's life, who is a Pakistani activist, anchor, artist, model, singer and motivational speaker. She became the National Ambassador for UN Women Pakistan after being short listed in the 100 inspirational women of 2015 by BBC under the title "Inspiration and Role model". The session was conducted from 9.30 am to 10.30 am at Seminar Hall.
- Ms.B.Shireesha, Lecturer in Physics also presented "Real time situations faced by women-solutions" and discussed the situations with the students in a session conducted from 12.15 to 1.15 pm.



Title of the Program : **Field Trip to ITC-PSPD, Sarapaka**

Date of the Event : 02.12.2019

Resource person / Chief Guest : Smt.P.Ratna Kumari, Principal(FAC)

Brief Description:

ITC Ltd- PSPD, unit BCM (hereafter referred to as ITC-PSPD, BCM) is located at village Sarapaka, near Bhadrachalam, Bhadradri Kothagudem district, Telangana State and was established in the year 1975. ITC-PSPD, Unit: BCM is largest single location Integrated Pulp & Paper Boards Mill in India. The mill has implemented the state-of-the-art technologies in pulping and recovery operations by successfully commissioning the India's first Elemental Chlorine Free (ECF) Bleaching line, later followed by another line incorporating Light ECF Process. ITC-PSPD, BCM is also the first unit in the country and eleventh unit in the world which has installed the ozone-based bleached wood chemical pulp mill and Bleached Chemi Thermo Mechanical Pulp Plant (BCTMP). Over four (4) decades since establishment the mill has been successful expanding periodically. The unit has completely standardized its operation and processes over the past decade and even obtained various certifications including the ISO 9001, ISO 14001 and ISO 45001, Forest Stewardship Council – Chain of Custody certified and BRC Global Standard certified for food grade boards. Engaged in manufacturing of Paper Boards and Specialty Papers.

Activity outcomes are

- Opportunity to interact with Industry Experts
- Learning experience
- Learning experience
- Day off from the usual melancholy



Title of the Program : Eminence- The College Fest

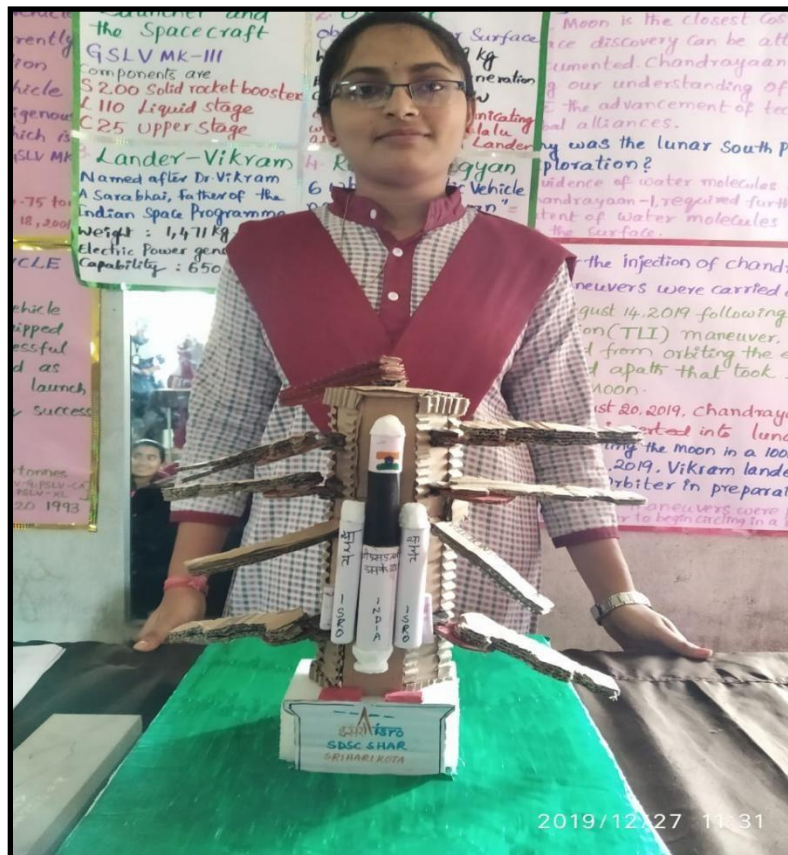
Date of the Event : 27.12.2019

Resource person / Chief Guest : Smt.P.Ratna Kumari, Principal(FAC)

Brief Description:

Fests provide a platform for students to showcase one's unique talents and of the holistic development of the personality of the students. Providing a break from the monotonous routine of evaluation and academics.

To have augmentation to the students practical learning experience many students have participated with their charts, models, exhibits presented in the college fest during the science department fest, conducted on 27.12.2019 at seminar hall.



Title of the Program : **Field Trip to K.T.P.S-V & VI stages**

Date of the Event : **15.02.2020**

Resource person / Chief Guest : **Assistant Engineers, KTPS V & VI stages**

Brief Description:

As a part of industrial visit students from final year B Sc MPC and MPCs visited the Kothagudem Thermal Power Station -KTPS- V and VI stages and got awareness on how the thermal power is generated from coal combustion and what are the key points in generating the thermal power and how the used water is recycled etc.



Title of the Program : Extension lecture-National Science Day 2020

Date of the Event : 28.02.2020

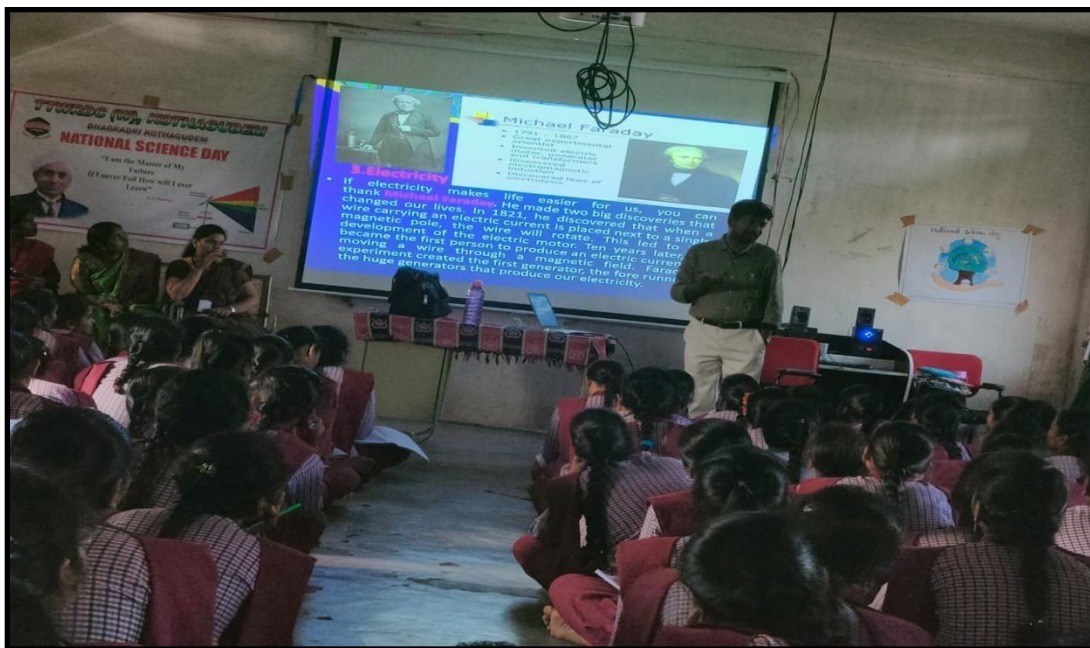
Resource person / Chief Guest : Dr. Pal devdanam, Assistant professor

Department of Physics

Government Degree College, Palvancha,

Brief Description:

To mark the anniversary of India's greatest Discovery-“ Raman effect” every year February 28th is observed as “NATIONAL SCIENCE DAY”. This day holds a special place in history .sir C.V Raman for his invention Raman effect , he won the Nobel Prize for his discovery . On this day the department of Physics organized Extension lecture by Dr. Pal devdanam, Assistant professor department of Physics Government Degree College, Palvancha, he delivered his lecture on **general aspects of Science and Technology**.



Title of the Program : Village Learning Centres(VLCs)
Date of the Event : 10.03.2020
VLC name & Place: Z.P.H.S Primary school, Vagoddugudem,
Bhadradri Kothagudem dt.

Brief Description:

In a way, the pandemic has exposed existing social inequalities in India and students from marginalised communities suffer more as accessing online education is a challenge.

This is when Village Learning Circles (VLCs) come into the picture. Students from across the districts in Telangana have started tutoring their peers each day. With enormous support from parents, they are able to transform their rooftops, verandahs, temples, schools, playgrounds, agricultural lands and other community spaces into classrooms, while ensuring that COVID-19 safety measures are met.

The idea is that every individual shall incorporate skills to educate each other in order to transmute society if they are provided with opportunities; even poverty is not a barrier.





Title of the Program : Harithaharam(Flagship program of TS)

Date of the Event : 19.07.2020

Resource person / Chief Guest : Smt.B.Rajeswari,Principal(FAC)

Brief Description:

Ready for the green eve of another phase of Telanganaku Haritharam. Telanganaku Harithaharam is a project born out of the aspiration to become the most livable area by all means, based on the struggling state. Chief Minister K Chandrasekhar Rao called on everyone to be a part to plant the saplings in rural and urban under this MahaYagna.

On completion of five phases successfully, now the program is trailed into sixth phase. The Chief Minister has ordered to start the sixth phase Harithaharam from June 25, with the intention of fulfilling the expected greenery target despite the corona virus impact. CM to start 6th phase by plant sapling in narsapur forest area under forest rejuvenation.



Title of the Program : National Energy Conservation Week 2020

Date of the Event : 14.12.2020 To 19.12.2020

Resource person / Chief Guest :

An effort to create awareness and disseminate information on energy efficiency - conservation is best one that is the habit of conservation is best introduced at the student age. It has been that the students are the best agents of change in this case. We need to equip them with the information and knowledge on Energy conservation and create interest among them on this subject.

In this regard T.T.W.R.D.C(G), Kothagudem, department of Physics and energy club jointly organized the event **National Energy conservation week** from 15th December 2020 to 19th December 2020 which was exclusively conducted for the college students. As a part of this program the following events are conducted through virtual mode.



Title of the Program : National Science Day 2021

Date of the Event : 01.03.2021

Resource person / Chief Guest : Smt.B.Rajeswari,Principal(FAC)

Brief Description:

To propagate the message of importance of Science and its application among the students science fair was conducted on this occasion suggestion in collaboration with the other science departments. Students actively participated in the event with their models and presented them in a fruitful manner.

Theme: Future of STI (Science, Technology, Innovations)

Number of students attended participated: 82



Title of the Program : World Earth Day 2021

Date of the Event : 22.04.2021

Resource person / Chief Guest : Smt.B.Rajeswari,Principal(FAC)

Theme : Restore our Earth

Earth Day is observed on April 22nd consistently to raise the awareness for Earths' environment.

A healthy planet is not an option it is necessity

In this regard to nurture the students' skills, two students have given their presentation on "observing **Earth Day 2021**" through their PowerPoint presentation. They brought awareness amongst all the students who participated in this program through online mode.

TTWRDC KOTHAGUDEM
Department Of Physics

INVITATION :webinar on EARTH DAY (IN MS TEAMS)

PRESENTERS: CH. JYOTHIKA (STUDENT OF III MPC)
B. NAVYA (STUDENT OF III MPC)

Date: 22/04/2021
Time: 11 Am - 12 Pm

ORGANIZERS: G. SUNITHA (HOD)
B. SHRISHA

PRINCIPAL : B. RAJESWARI
(M.tech, NET)

Vice Principal : P. ANURADHA

ELECTROMAGNETISM...
38:35 150 attendees

Volunteer. Volunteer for cleanups in your community. You can get involved in protecting your watershed, too.

SAVE EARTH

Educate...

B. Navya

Lmanasa, ndharavat..., Jyothika C

Title of the Program : Field trip-International Radiology Day

Date of the Event : 08.11.2021

**Resource person / Chief Guest : Dr.V. Jyothi, Radiologist,
Sri Balaji Diagnostics at Kothagudem.**

Brief Description:

The International Radiology Day was observed on November 8th, and is celebrated with an aim to build greater awareness of the significance of radiology, on the invention of the X-rays by Rontgen W.C in 1895.

To observe this day on November 8th 2021, students of III year B.Sc Physics and Department of Physics faculty members conducted a field visit to Sri Balaji Diagnostics at Kothagudem. Dr.V. Jyothi, Radiologist educated the students and faculty about the important role played by radiography professionals in the health care and how radiography-radiology contributes to safe patient care.

She explained about the following machinery

1. X-ray machine
2. C-T scan
3. Ultra sound scan



Title of the Program : Extension lecture

Date of the Event : 09.12.2021

Resource person / Chief Guest : Sri.S.Rambabu,

Asst.Professor of Physics,

Govt.DegreeCollege,Paloncha,
Bhadradri Kothagudem

Summary : Dr.S.Rambabu,Asst.Professor of Physics, GDC,Paloncha started the session by mentioning the vector significance using different figures, Physics behind them. He added that to analyse any quantity , we need direction. Sir, provided the examples of inertia, entropy given the details of pre-exisisting of graph between mathematica and Physics in many cases relating to various aspects. Sir, has given eloberated talk on how force vector acts. He concluded that where the Mathematics ends, Physics begins. So, with all your focus must be there to observe Physics in any action happening around you.



Title of the Program : National Science Day 2022

Date of the Event : 28.02.2022

Resource person / Chief Guest : Smt.B.Rajeswari,Principal(FAC)

Theme : Integrated approach in Science and Technology for a sustainable future.

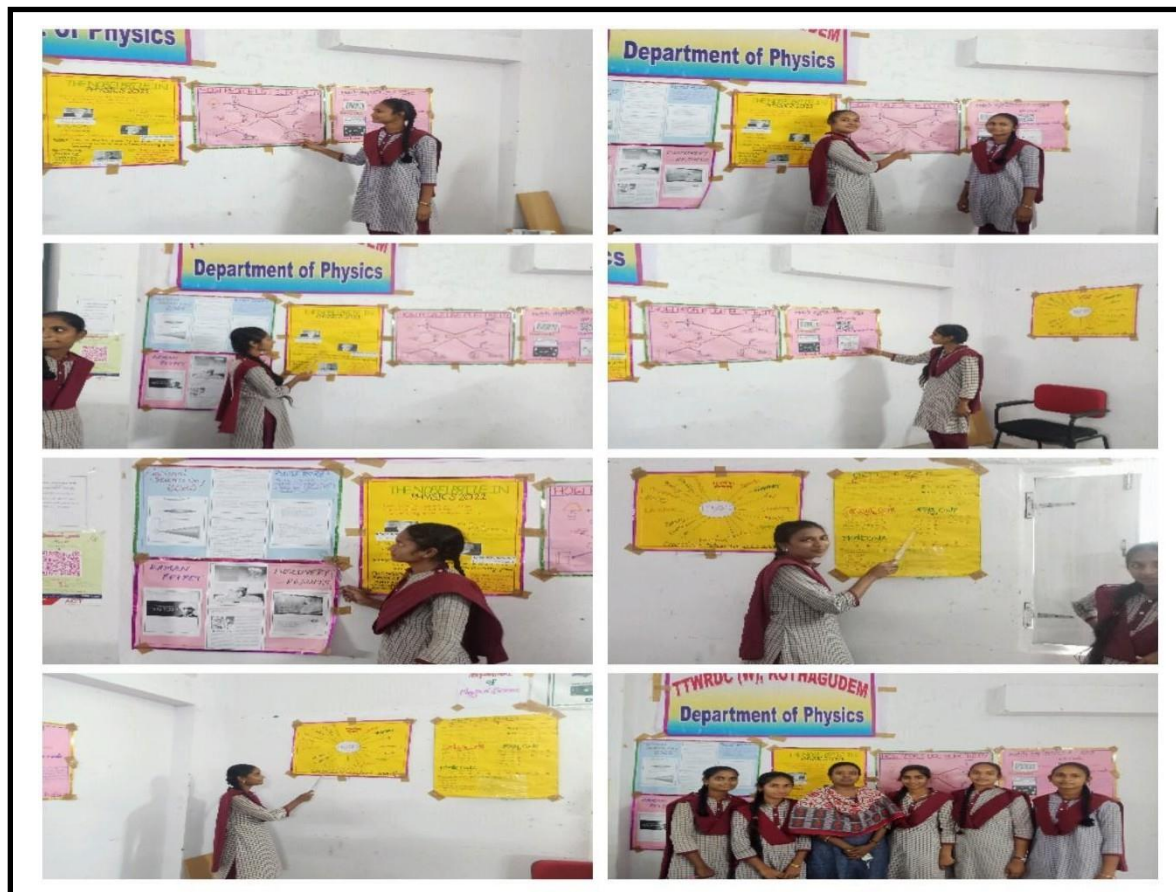
To remember the historic invention by Sir.C.V.Raman, National Science day is observed on February 28th on every year.

Raman Effect : Change in wavelength;observed of light beam is deflected by molecules. The basic objective of observation of this National science day is to spread the message of importance of Science and it's applications among the people.

Activity conducted:

Poster presentation-Expo 2022

Number of students attended the poster presentation event : 236



Title of the Program : World Earth Day 2022

Date of the Event : 22.04.2022

Resource person / Chief Guest : Sri.R.Venkataiah, Horticulturist,
Bhadradri Kothagudem

Brief Description:

World Earth day is observed on April 22nd , consistantly to raise the awareness for the earth's environment. A HEALTHY PLANET IS NOT AN OPTION-IT IS NECESSITY.

Theme: Invest in our Planet

Activity conducted :

- Awareness program towards saving our planet Earth
- Student presentation through ppt.
- Plants Exhibition
- Plantation done at the campus, by the Guests, faculty and students.





Title of the Program : National level e- Quiz on the eve of “National Energy Conservation week”

Date of the Event : 20.12.2022

Resource person / Chief Guest :

Brief Description:

In connection with the National Energy Conservation week 2022, which was held from 14th Dec to 20th Dec, Department of Physics conducted a state level e-quiz on the “ENERGY CONSERVATION”. The purpose of celebrating this day is to create awareness among the masses of India about the importance and consequences of not saving energy.

This online quiz “National Energy Conservation” provides a platform where the awareness is brought on the energy sources and its applications.

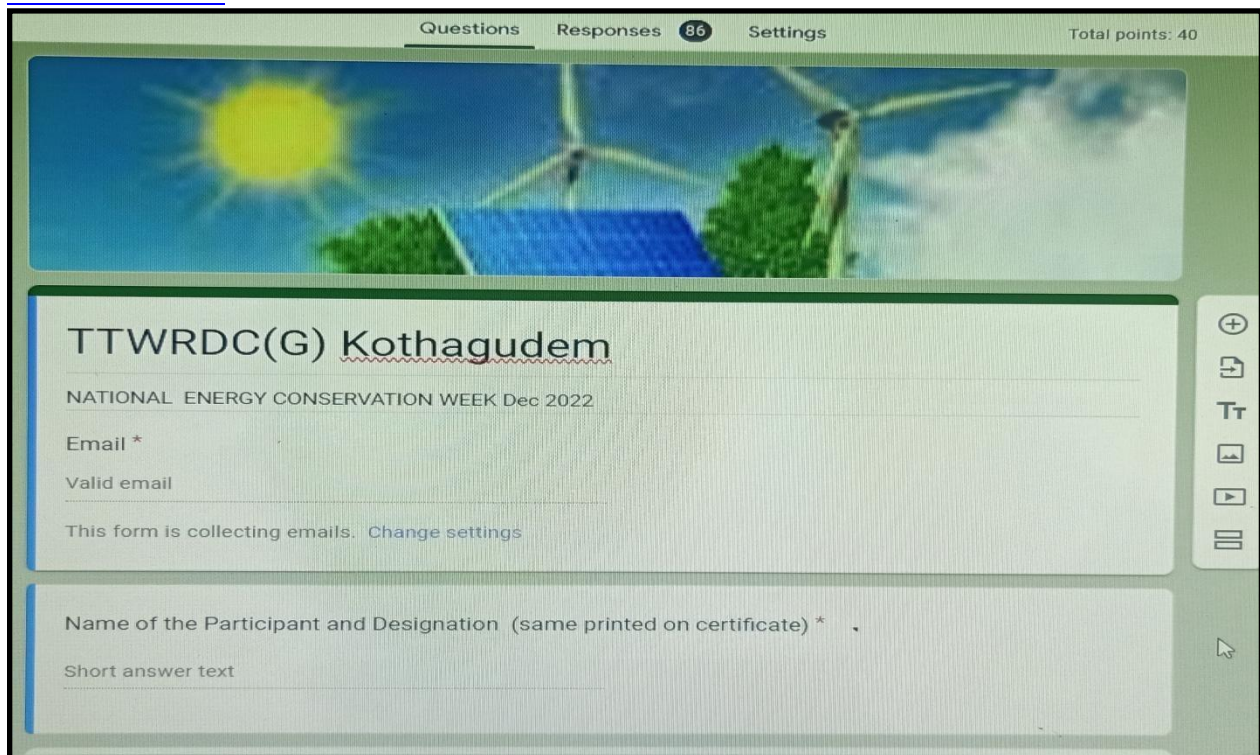
No.of Responses received: 86

No. of online certificates received: 86

Feedback from the participants received.

Online quiz link:

https://docs.google.com/forms/d/19H2D_nvz5OwwaVa8yI9dw7EAScx3ta5YnF870-Dd90/edit



The screenshot shows a Google Forms interface for a quiz. At the top, there are tabs for 'Questions', 'Responses' (with a count of 86), and 'Settings'. The total points are listed as 40. The main content area features a header image with a sun, wind turbines, and solar panels. Below the image, the form title is 'TTWRDC(G) Kothagudem' followed by 'NATIONAL ENERGY CONSERVATION WEEK Dec 2022'. There are two input fields: 'Email *' with a 'Valid email' error message and a note 'This form is collecting emails. Change settings', and 'Name of the Participant and Designation (same printed on certificate) *' with a 'Short answer text' error message. A vertical toolbar on the right side contains icons for adding, deleting, and editing questions.

Title of the Program : National Science Day-2023

Date of the Event : 28.02.2023

Resource person / Chief Guest : Smt.B.Rajeswari,Principal(FAC)

Brief Description:

Ever since 1987, our country has been celebrating the national Science Day on 28th February to commemorate the discovery of the “ Raman Effect” by one of the renowned Physicist of India Sir.C.V.raman. this year with theme “Global Science for Global well-Being” .As a part of it, The department of Physical Science in association with IQAC had organized Science exhibition.

Total number of students participated 32

Total number of exhibits :18



Title of the Program : World Earth Day -2023:

Date of the Event : 22.04.2023

Resource person / Chief Guest : Smt.B.Rajeswari,Principal(FAC)

Brief Description:

World Earth Day is observed on April 22, consistently to raise the awareness for Earth's environment. This year also, the organization has given a theme, which would inturn give more effectiveness towards the protection of our planet.

As a part of it, various competitions are conducted and details are given below:

Drawing Competition

Topic : Green Revolution

Elocution Competition

Topic : Invest in our planet and Become environmental champion



Title of the Program : Zero shadow day

Date of the Event : 09.05.2023

Resource person / Chief Guest : Smt.B.Rajeswari,Principal(FAC)

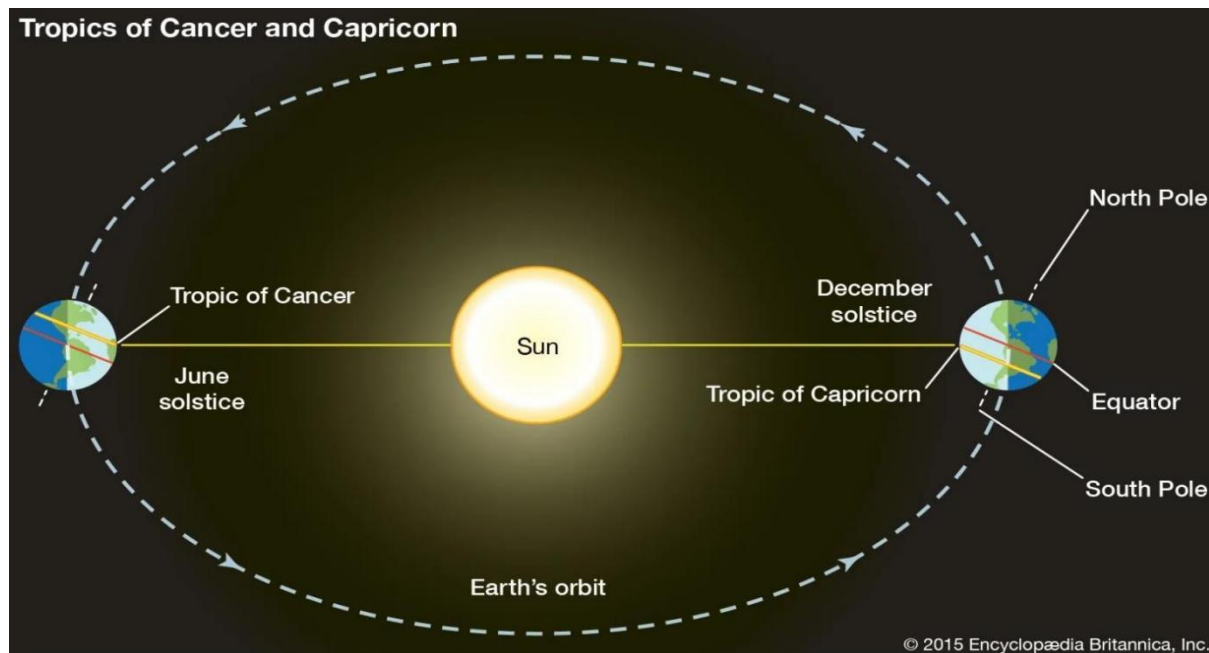
Brief Description:

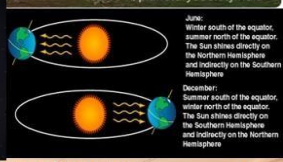
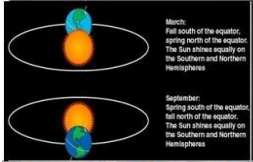
Zero Shadow Day is a phenomenon that occurs twice a year, where the Sun's position is directly overhead, casting no shadows on the Earth's surface.

During Zero Shadow Day, the sun reaches its highest point in the sky resulting in the reduction of the length of the shadow. When we stand on this shadow, our own shadow becomes invisible, hence the term "Zero Shadow".

"For people living between +23.5 and -23.5 degrees latitude, the Sun's declination will be equal to their latitude twice - once during Uttarayan and once during Dakshinayan. On these two days, the Sun will be exactly overhead at noon and will not cast a shadow of an object on the ground," the Astronomical Society of India noted.

Participants: II and III year B.Sc M.P.Cs





All Pics taken on Different dates at Nilvuralu, Mudimal Village, Near Makthal (200km from Hyd) fb.com/planetarysocietyindia



Title of the Program : Live session - Mission Chandrayaan-3 launch

Date of the Event : 14.07.2023

Resource person / Chief Guest : Smt.B.Rajeswari,Principal(FAC)

Brief Description:

Chandrayaan-3 was launched from Satish Dhawan Space Centre on 14 July 2023.

The spacecraft entered lunar orbit on 5 August, and the lander touched down near the Lunar south pole[8] on 23 August at 18:03 IST (12:33 UTC), making India the fourth country to successfully land on the Moon, and the first to do so near the lunar south pole.[9][note 1] On 3 September the lander hopped and re positioned itself 30–40 cm (12–16 in) from its landing site making the second hop on lunar surface after Surveyor 6. After the completion of its mission objectives, it was hoped that the lander and rover would revive for extra tasks, on 22 September 2023, but missed the wake-up call. On September 30, the second lunar night began, eliminating hopes of revival. On the other hand, Propulsion module returned to Earth's orbit on 22 November 2023 after exiting lunar orbit via a series of maneuvers starting from 9 October 2023.



Title of the Program : Live session - Mission Chandrayaan-3 soft landing

Date of the Event : 23.08.2023

Resource person / Chief Guest : Smt.B.Rajeswari,Principal(FAC)

Brief Description:

India has made history as its Moon mission becomes the first to land in the lunar south pole region.

With this, India joins an elite club of countries to achieve a soft landing on the Moon, after the US, the former Soviet Union and China. The Vikram lander from Chandrayaan-3 successfully touched down as planned at 18:04 local time (12:34 GMT). Celebrations have broken out across the country, with Prime Minister Narendra Modi saying "India is now on the Moon". We have reached where no other country could. It's a joyous occasion," he added. Mr Modi was watching the event live from South Africa where he is attending the Brics summit. Indian Space Research Organisation (Isro) chief Sreedhara Panicker Somanath said the successful landing "is not our work alone, this is the work of a generation of Isro scientists".

On Wednesday, tense moments preceded the touchdown as the lander - called Vikram after Isro founder Vikram Sarabhai - began its precarious descent, carrying within its belly the 26kg rover named Pragyaan (the Sanskrit word for wisdom).

The lander's speed was gradually reduced from 1.68km per second to almost zero, enabling it to make a soft landing on the lunar surface.

In a few hours - scientists say once the dust has settled - the six-wheeled rover will crawl out of the lander's belly and roam around the rocks and craters on the Moon's surface, gathering crucial data and images to be sent to Earth.





TELANGANA TRIBAL WELFARE RESIDENTIAL
DEGREE COLLEGE (G)
KOTHAGUDEM

(Affiliated to Kakatiya University)

Department of Physics

_____SWACHGURUKULAM_____

Report on Swachh Gurukul

Telangana Tribal Welfare Residential Degree College for Women, Kothagudem located at Gowtham Nagar, Bhadradi Kothagudem, is running in a private building.

Introduction:

As per the circular instructions received from Gurukulam, a committee is formed at college level to foresee the activities day wise and to report the same. The committee comprises of –

1. Principal
2. Vice – Principal
3. Physical Director
4. Senior DL
5. Senior DL

Plan of Action:

Pre Preparation (01-09-2022 to 03-09-2022)

- A meeting with all the faculty, Teaching & Non Teaching, is held on 3rd of August and action plan for the Swachh Gurukul week is planned day- wise, giving in-charges for each day.
- All the Required materials to implement the swachh gurukul week are purchased
- All the students present in the college are made aware of the week long activities day-wise and are instructed to be prepared.
- Posters and flexis are designed and are printed.



□ Opening pledge:

The day began by taking the oath of swachtha in the assembly which says –

“I take pledge to keep myself and my surroundings clean. To fulfill this I will dedicate 7 days in this month, 2 hours a day for clean and green drive in my residential school. I will participate in this clean and green drive voluntarily and enthusiastically. I will encourage my friends and will ensure that my school is neat and tidy. I am willing to work as a team heart fully to achieve this goal.”



● Picking the litter:

Gloves are distributed to the students and they are divided into teams to spread around in order to cover all the ground in and around the college.

● Collecting the waste like paper, plastic, clothes, e waste etc :

Not less than a month ago, the institute has collected all the discarded waste paper materials and weighed them to be sold as per the norms of the Gurukulam, again as part of the Swachh Gurukul drive, discarded waste booklets of recently passed out students are collected from the classrooms/dormitories/laboratories and are kept in a room to be discarded as per the norms.

● Removal of old furniture like iron racks, broken tables, unused equipment etc:

The day ended with students identifying and removing the damaged materials from classrooms, dormitories, library, Laboratories, office room and all the material are kept in a room to be discarded or repair as per the damage detail of the material. This has given much space in the respective rooms.



- Cleaning the dormitories and class rooms with disinfectants

Students are distributed with required material to clean their respective dormitories and classrooms. The House Masters are instructed to monitor the same. By the end of the day all classrooms are clean and tidy.

- Fixing the tube lights and fans in the dormitory

Electrician Cum Office Subordinate, Ms.Rajitha, along with the help of other attendars, inspected all the electrical fixing in the building and repaired few loose connections. Since Mr. Srihari is an inhouse electrician, thereweren't many repairs in the building.

- Cleaning the cobwebs

- Clearing the bushes removing weeds in and around the building



Two sanitisation staff are deputed for Grampanchayath, Macharam, by Mr.Parameswar Yadav, Ward councillor, to clear the bushes and drainage outlets around kitchen area and college building.

- Cleaning the water tanks with disinfectants
- Quality check of the drinking water
- Cleaning the outlets
- Clearing the water logging areas

Conducted competitions for Swachh Gurukul drive

Students are encouraged in the competitions like Poster presentations, Essay Writing, Elocution, Slogans preparation, Wall painting with the central theme as “SWATCHTHA” and “SWACHH GURUKUL”. Students participated in all the activities very enthusiastically.

- Poster presentations
- Slogans preparation
- Essay writing
- Elocution
- Wall Paintings

The whole kitchen and store room area is cleaned and white wash is done on the inner and outer walls of the kitchen. All the bushes around the kitchen and handwash area are cleared.



Innovative Plantation drive

All the students are divided into groups among the teaching and the nonteaching staff.

Two kinds of plantations are done, one group carried out the general plantation in the front row of already existing trees in order to increase the tree area in the college and the other group has taken up “Medicinal Plant” garden along with kitchen garden and Succulent plants.





In this plantation program Ms.K.Seetha Mahalaxmi , Chair person, Kothagudem Muncipal Corporationalong with other Muncipal employeess has participated and planted a few plants along with students.



Flash Mob-Awareness on Environment-Swachgurukulam

<https://youtu.be/Qk9qxKj1TLM>

Closing Remarks

All the students and staff are overwhelmed by the weeklong activities. “These activities not only made the Gurukulam clean but have impacted the mind-sets of students in a very deep level and there is no going back now” ~ said a student during his speech during the closing ceremony.

● Distributing prizes

Prizes are distributed to the students who actively participated in all the activities and also to class 4 employees for laboring much more in the past week. In this Final year MPCs group was selected as a Best group for giving their full-fledged performance



● Oath taking to continue this good programme .

All the students along with Principal and faculty read out the closing pledge promising to continue this good work of keeping our surroundings clean.

I. EXTENSION ACTIVITIES:

Department invites resource persons from different areas. It creates awareness in emerging latest technologies. Students get familiarized with various career paths in the subject area.

This department has made Memorandum of Understanding (MoU) with nearby Government degree colleges and TSWRDCs for the development of academic cooperation and to provide quality of education. The MoU between two institutions stimulate and facilitate the development of collaborative work culture by inter exchange of facilities like infrastructure, faculty extension, combined activities, etc., and yields good academic outcome.

This department is also a part of MoUs, so far we have MoU with four Government Degree colleges in the Kothagudem Bhadradi District. Details are tabulated as bellow.

S.No	Name of the Organization made MoU & Year	Theme of MoU	Benefit to students
1	Government Degree College, Yellandu -2020	For the development of academic cooperation in quality education	Faculty Extension Joint study projects Infrastructure Student exchange
2	TSWRDC(W), Kothagudem-2022	For the development of academic cooperation in quality education	Faculty Extension Joint study projects Infrastructure Student exchange

3	S.R.Government arts & Science Degree College, Kothagudem - 2023	For the development of academic cooperation in quality education	Faculty Extension Joint study projects Infrastructure Student exchange
4	Government Degree College,Palvancha - 2023	For the development of academic cooperation in quality education	Faculty Extension Joint study projects

Infrastructure

Student exchange

EXTENSION LECTURES BY FACULTY FROM OTHER INSTITUTIONS



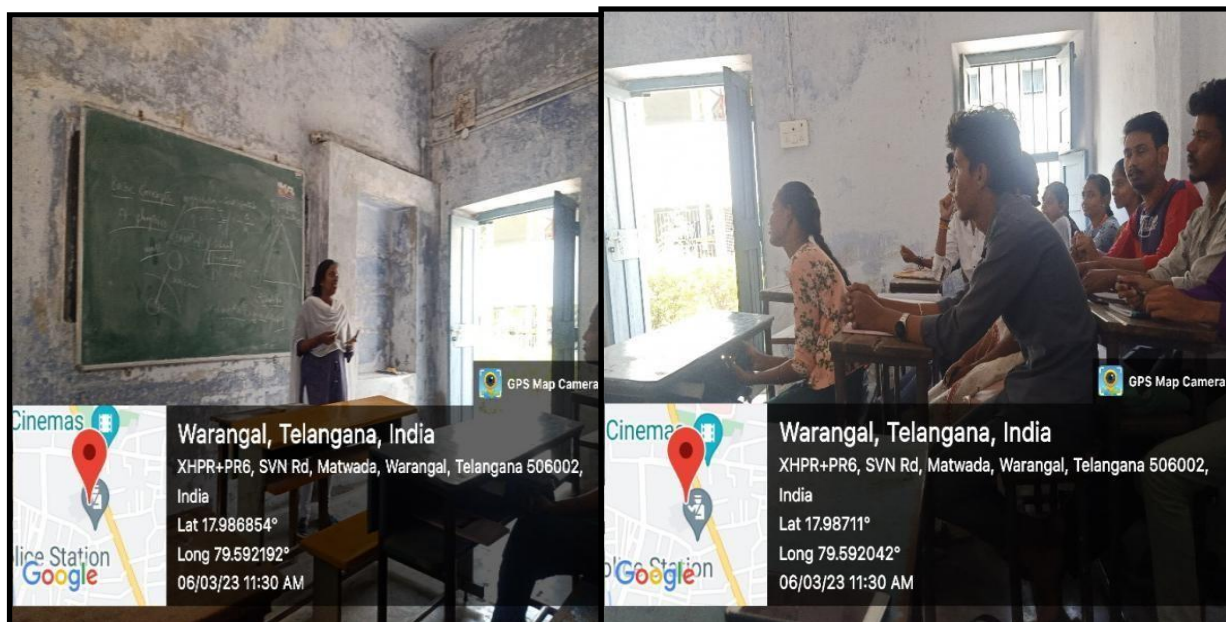


S. No	Date	Name of the Resource Person	Working Place	Topic discussed	Objectives
1	28.02.2020	Dr.Paul Devadanum Asst.professor of Physics	GDC Paloncha.	General aspects of Science and Technology	To inculcate Scientific temper towards research
2.	25.01.2021	K.Kiran Kumar, Assistant Professor of Physics	GDC Yellandu,	Semiconductor s, polarization techniques	To induce extensive knowledge on Semiconductor applications
3.	09.12.2021	Sri.S.Rambabu Asst.professor of Physics	GDC Paloncha	How to bridge the gap between Physics & Mathematics	To have an awareness on role of vector in Science

4.	23.03.2023	Smt.W.Savitha Degree Lecturer in Physics	TSWRDC(W), Kothagudem	Network and Applications	To empower the students on Network and it's applications.
5.	18.04.2023	Technicians from BSNL	Telephone exchange, BSNL,Bhadra dri Kothagudem	Optical Fibers	To have an extensive knowledge on assembling of optical fibers

EXTENSION LECTURES BY FACULTY AT OTHER INSTITUTIONS

This department allows the faculty to give extension guest lecture at other colleges. Smt.Gangapuri Sunitha, Degree lecturer in Physics delivered an extension of guest lecture at A.V.V degree college, Warangal and at TSWRDC(W), Kothagudem



S.No	Date	Name of the Resourse Person	Lecture Given at	Topic discussed	Objectives
1	06.03. 2023	Gangapuri Sunitha	A.V.V degree college, Warangal	Concepts of Physics	To instill fundamental understanding of basic concepts in Physics
2	10.03. 2023	Gangapuri Sunitha	TSWRDC(W), Kothagudem	Fundamentals of laser Physics	To empower the students on Lasers and functioning, Applications