



TELANGANA TRIBAL WELFARE RESIDENTIAL DEGREE COLLEGE (GIRLS), KOTHAGUDM

Bhadradi Kothagudem District, Telangana State – 507101
(Affiliated to Kakatiya University, Warangal, Telangana)

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



TTWRDC (G) CHEMISTRY DEPARTMENTAL ACTIVITIES

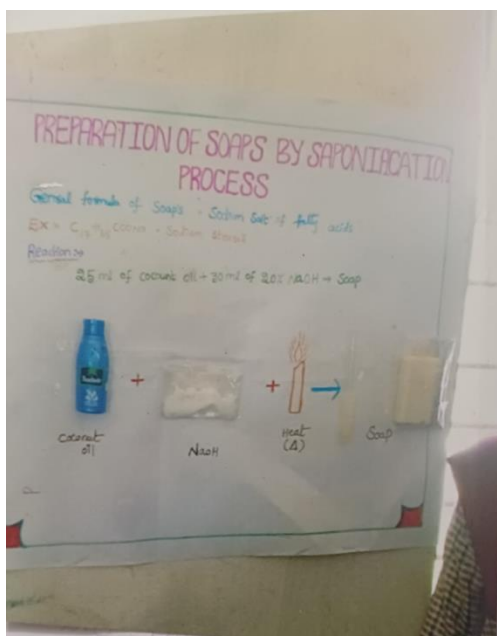
College Level Seminar

Topic: Mineralization of Water

Date: 12-02-2018

Speaker: Dr. Paul Devadanam

As a part of departmental activities we the department of chemistry conducted college level seminar for life science students on 12-02-2018 for this seminar we are invited “Paul Devadanam Sir” for the explanation of “Mineralization of Water” process and importance of water. In this seminar sir explained regarding how to mineralize water and what are the advantages of chemistry in industrial side. All the life science students and faculty attended this seminar. It is useful to us. Our principal madams encourage students and faculty to these types of activities these are also helpful to the students as well as the teachers.



Saponification Process

WORLD ORGAN DONATION DAY

Date - 20/8/2018

STUDENT SEMINAR

As a part of world organ donation day department of chemistry conducted student seminar is the process when a person allows an organ of their own to be removed and transplanted to another person, legally, either by consent while the donor is alive or dead with the assent of the next of kin.

Every year World organ donation day is observed on Aug 13th every year in order to raise awareness about the importance of and help people understand organ donation. Organ transplantation can help in saving and transforming the lives of people who have been fighting to survive.



Student Seminar

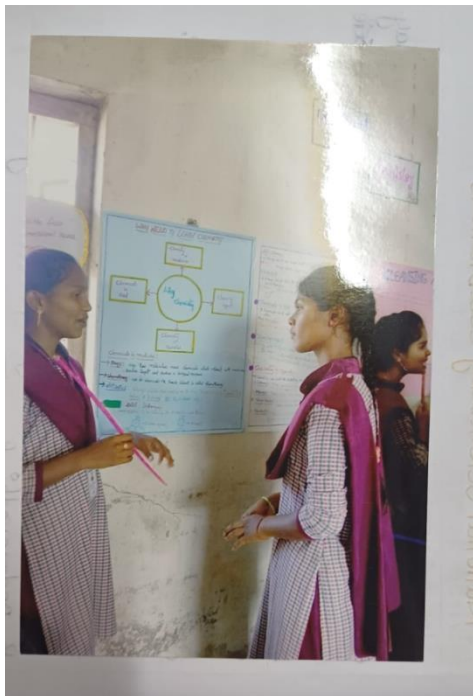
National Science Day

Date-28/02/2019

On the occasion of science day we arranged science fare in our college. In this science fare our students have shown different experiments like

- ✚ CO₂ gas releasing experiment by B. Padmavathi (III BZC)
- ✚ Atmospheric Pressure Experiment by B. Soujanya (III MPC)
- ✚ Magical Color changing reactions by B. Samatha Sri (III MZC)
- ✚ Structures of molecules by using different materials by G. Chandrakala and G. Anusha.
- ✚ Electric water heater by E. Eswari and M. Usha Rani from (II MZC).

Periodic Table with Thermocoal sheet by B. Roja and B. Mounika (III BZC) and B. Anjali from III MZC.



CO₂ gas releasing experiment

Nutritional Week

TOPIC-Nutritional week:

Date-03/09/19 to 09/09/19

No of Students attended: 20

Student Quiz

As a part of departmental activity we have celebrated nutritional week on 03/09/22 to 08/09/2022 to give awareness about nutrition balanced diet and importance of nutrition in children's growth. We are conducted several activities in our college, in this activity life science students has been given information about nutrition and its value for in a child growth.

Student Seminar

DATE: 18-10-2019

- ✚ As a part of departmental activities all the life science students are actively participated in student seminars.
- ✚ From III Year S. Deepthi, G. Sahitya (III BZC), K. Anitha, B. Renuka from (III MZC) and B. Krupa, D. Himabindu from II MZC, A. Kumari, G. Divya, P. Samatha from (II BZC) J. Jayanthi, B. Kalyani from I MZC all are explained their academic topics I Sem-Sem Organometallic Compounds, IIISem-Carboxylic acids and V-Sem Chromatography.

- ✚ They explained excellent and they have good skills, in this seminar total 25 members are participated in each semester organized by chemistry department.



DEBATE

Date: 09-01-2020

Topic: 1). Classification of Enzymes

2). Rate Expression for Second Order Reaction

- ✚ Introduction of Enzymes and IInd order reaction derivation
- ✚ We the dept. of chemistry conducted seminar on subject topic by the final year (III BZC & III MPC) students.
- ✚ B. Padmavathi IIIBSC[BZC] for introduction of enzymes and its classifications

T. Reshma III BSC [MPC] has explained about second order reaction, its rate equation and its half life.

Topic: World Earth Day

No. of Students Participated: 20

we the department of chemistry conducted quiz programmed with 20 students first of all we collected names of students from IMZC and IBZC group those who are interested to participated in quiz, we divided them in to five groups. All first year life science students are actively participated in this seminar. We are conducted chemistry quiz on atomic structure and liquid state.



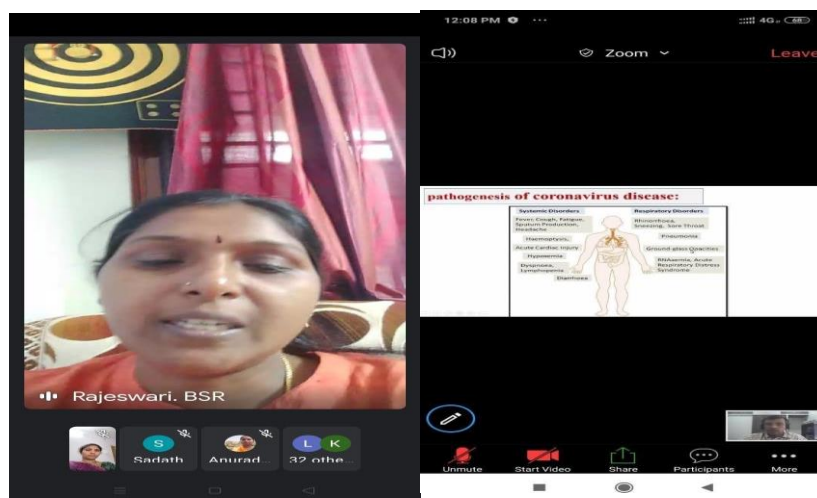


WEBINAR (COVID-19)

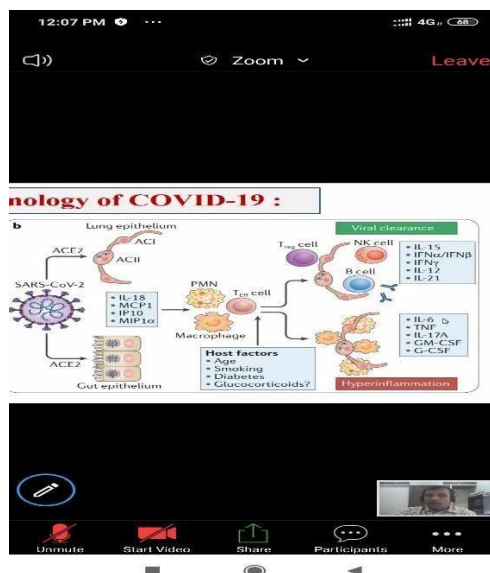
Topic: Webinar on Covid-19 general awareness for life science students by Dr. Sridhar (Asst. Professor).

Date: 10-04-2020

TTWRDC [W]KOTHAGUDEM, We are conducted webinar on topic covid-19 pandemic disease, effect on human beings. In this webinar students of the [ttwrdcgirls] Kothagudam, students from other college, life science faculty members, principal of TTWRDC[W]KOTHAGUDEM are participated. In this webinar the Speaker Sri. Dr. Sridhar had delivered his explanation about origin of covid-19, nature, structure /morphology of this



virus and how this covid-19 effect on human being health. Sir has given a wide explanation about covid-19 very clearly Participants and faculty interacted with speaker and cleared their doubt. This webinar will help participants a lot and brought good awareness about Covid-19.



STUDENT SEMINAR

TOPIC: Introduction of Co-Ordination Compounds and Nomenclature
DATE: 24-12-2020

- ✚ We from department of chemistry have conducted remedial class on Co-Ordination Compounds and Nomenclature
- ✚ On 24-12-2020 we have conducted remedial on the topic Co-Ordination Chemistry in this chapter mainly we discussed Werner's theory, EAN rule, Tetrahedral Complex structures and Applications of Co-Ordination compounds.



- ✚ We have explained clearly to the students with the above topic and also asked doubt regarding class on co-ordination compounds.

We also have given the slip test on this topic after completion of the Co-ordination chemistry.

WEBINAR

Topic: Higher education in Chemistry

Resource Person: Dr. Shivakrishna

Date: 31-12-2020

We the department of Chemistry R. Thirupathamma and G. Revathi has organized a state level webinar on the occasion on 31st December 2020.

The speaker of the session was “Dr. Shivakrishna sir” (Asst. Prof. in Chemistry) from TTWRDC Boath College. Sir has discussed the following points, advantages of Chemistry, How to use the chemistry for, students in industrial side, which type of opportunities available for students after degree, what are the jobs, how to applied chemistry in pharmaceutical industries available for students based on Chemistry.

TTWRDC (W) Kothagudem

Conducting the Webinar On 31st December 2020, at 11.00 Am

Join us with link
Google Meet - rrp-knhi-dpi
(google.com)

By Dr. Shivakrishna
Faculty of Chemistry
SpARK

Organization Committee:
B. Rajeshwari
Principal
Department of Chemistry

Dead End
Bad Management
Poor Skills
Bad
Uninspired
Coaching
Mentor
Inspirational
Training
Education

Choosing
Chemistry
as your
career...

How to join India's best PG programs in Chemistry

National Science Day

Date-28/02/2021

On the occasion of National Science Day we arranged science fare in our college. In this science fare our students have shown different experiments like

- ✚ Preparation of National Flag Using Chemicals
- ✚ Chemical Industry
- ✚ Color changing Experiments
- ✚ Acid Rain Models

- ✦ In this seminar all life science students are actively participated, a bove 120 students are joined in this science fare.



World AIDS Day

Essay Writing and Rally

Date: 01.12.2021

Department of chemistry, TTWRDC[W]KOTHAGUEM has conducted essay writing on the day of world AIDS DAY World AIDS Day was first conceived in August 1987 by James W. Bunn and Thomas Netter, two public information officers for the Global Programme on AIDS at the World Health Organization in Geneva, Switzerland.

Acquired immunodeficiency syndrome (AIDS) is a chronic, potentially life-threatening condition caused by the human immunodeficiency virus (HIV). By damaging your immune system, HIV interferes with your body's ability to fight infection and disease.



Department of Chemistry: National Science Day

April: 28.02.2021

Dept. of Chemistry, as a part of national science day students prepared posters regarding Nuclear Hazardous, Reverse Osmosis process, advantages of minerals and chemistry clock. In this reverse Osmosis process students explained about the purification of water.



World Health Day

Date 07/04/2021

POSTER PRESENTATION

On the occasion of world health day we are department of life science conducted group discussion on topic OUR HEALTH, and we have discussed the following prospects. The entire life science faculty also actively participated in this health programme.

- Health and its types
- Factors affecting health
- Food as medicine
- And other topics of health
- Protection of our surroundings
- Clean and green

This group discussion session was successful with participants and in this session above lecturers given elaborate explanation about OUR HEALTH, and Plantation. This session was very helpful to one day all.



Date: 22.04.2021

Department of Chemistry: National Earth Day

Dept. of Chemistry, as a part of Departmental activities we are celebrated National Earth Day on **22-04-2021**. In this program Life Science students and Faculty involved in plantation program in our college.



World Environmental Day

Date: 05-06-2021

Group Discussion

On the occasion of world environmental day we are departmental of life science conducted group discussion on topic protection of environment in this session students are gain more knowledge on environment and students are actively participated in this session.



World Nutritional week

Date: 03.09.2021 to 09.09.2021

Department of Chemistry, as a part of nutrition day students prepared posters. And they explained about some cereals, fruits and vegetable. Which components are present in all above items. In this nutritional week students explained about which type of minerals present in vegetables and how these are useful to human bodies. And what are the disadvantages of their deficiency in our body.



World Ozone Day

Date: 16.09.2021

Department Of Chemistry As a part of ozone day students prepares placard's and the complete big rally with awareness slogans. That rally Start College to main hospital. Students explained behind and nearby college people, what are the harmful effects in Ozone depletion and causes of Ozone. In addition to that we conducted a group discussion on awareness of "ozone layer protection" with all life students. And also we have given idea about the students on World Ozone Day and International Day for the Preservation of the Ozone Layer, and how to give awareness about the importance of the ozone layer, what are the chemicals are responsible for its depletion, how to protect the ozone layer from these chemicals. In the last few years the depletion of ozone layer has depleted extensively.



International Science Day

Date: 10.11.2021

As a part of departmental activities, we department of chemistry celebrated “International Science Day”. In this celebration we G. Revathi have conducted student seminar with of the life science students. In this session we have given the topic on d-block elements and f-block elements.

Students are actively participated in this seminar. The following students are given the seminars

1. Y. Bhavana(II MZC)
2. B. Kumari (II BZC)
3. B. Krupa(II MZC)



International AIDS Day

Date: 01.12.2021

As a part of departmental activities, we department of chemistry celebrated “International Science Day”. In this celebration we G. Revathi and S. Nageswara Rao have conducted student seminar with of the life science students. In this session we have given the topic on d-block elements and f-block elements. Students are actively participated in this seminar. The following students are given the seminars.



NATIONAL SCIENCE DAY

Science Exhibition

Date: 28-02-2022

Department of life science has conducted science exhibition as a part of national science day on feb-28th.

In this programme some of students prepared and exhibition their model in exhibition along with another department. These models can show we can prepare a models using different chemicals, how we can do color experiments with reagents, how did they react with other reactants, and also some students prepared models of acid rain, preparation of paracetamol, aspirin, and transition metal reactions.



World Ozone Day

Date: 16/09/2022

We the department of chemistry, R. Thirupathamma and G. Revathi have conducted college level. On the occasion of “world ozone day.” We have prepared students of III BZC & III MZC to take active participation to enhance their presentation skills. The students of III year and all the faculty members have joined the session. Principal madam, vice-principal madam have joined the session and gave key note on it and congratulated the department and students. Students are actively participated in this seminar.

Participants:

1. P. Dharani
2. J. Satyavani
3. S. Deepthi
4. G. Chandrakala
5. K. Nagamani

WORLD SCIENCE DAY

Date-11/10/2022

Student Seminar
Peace & Environmental

Department of chemistry has conducted awareness programme on “WORLD SCIENCE DAY-PEACE AND ENVIRONMENT” with all the final year students .as a part of this student’s speaker given seminar on this topic. MD. Ifra -IIIMZC has explained about what is the importance of “World Science Day”. P.Gowthami Sri-III MZC has explained about Scientist contribution in peace and environment. In this session our principal madam Smt. B. Vijaya gave their suggestion to improve scientist knowledge and skill to protect world.

National Seminar

Date: 24-02-2023 & 25-02-2023

As a part of departmental activities, We Department of Chemistry has attended the National Seminar. This seminar was based on “Chemical Sciences in Sustainable Developments Challenges and Opportunities (CSSTDCO-2023)”. I Dr. S. N. Rao have attended the two days seminar. In this seminar speakers have explained about chemical sciences in sustainable technology and developments, and also, they explained about the importance of green chemistry.

Chief Guest: Dr. S. Chandrasekhar (DST, Secretary)

Ronald Rose (TTWREIS, Secretary)

Prof. D. Ashok (Department of Chemistry)

Dr. N. Lingaiah (Department of Chemistry)



National Science Day

Science Exhibition

Date: 28-02-2023

On the occasion of “National Science Day” we arranged science exhibition in our college. In this science exhibition all life students are actively participated. The students participated in science exhibition. These exhibitions will help other students to known about functioning of different models in this exhibition total students of college have visited and enjoyed the mode of models working. Principal madam, staff and students are visited this programme and principal madam encourage the students and given the appreciations to students and staff who are involved in this programme.

Theme: Global science for global well being



National Webinar

Date: 20-06-2023

As a part of departmental activities, all the life science faculty members have attended the national webinar on 19/06/2023.

Speaker: Prof. Rajasekhar Bellamkonda

University of Hyderabad

(School of Management Studies)

We Department of Chemistry has conducted the webinar, in this webinar Prof. Rajgopal Subramanyam has discussed the following points.

1. The importance of Scientific Projects
2. Scientific Project writing Skills.
3. Funding bodies in INDIA.
4. Teachers/Lecturers Associationship for Research Excellence.
5. Indian Funding Bodies like DBT, ICAR, SERB, CSIR, DRGO, UGC etc.,

National Biofuel Day

Date: 10-08-2023

As a part of “World Biofuel Day” our students participated in poster making competition. In this session 30 students make posters, they explained about Biofuel in different ways and Biofuel used in industrial purpose. In this competition our students B. Kalyani (III MZC) and B. Kalyani (III MZC) explained about the Biofuel Production and they got 2nd prize in this competition.

SR Govt. Arts & Science College Kothagudem

POSTER MAKING COMPETITION: BIOFUEL FOR SUSTAINABLE FUTURE



Sponsored by
Prof. S. Satyanarayana
 Retired Vice Chancellor, Osmania University, Hyderabad (Alumnus-1976)

World Biofuel Day

August 10

Let's work towards creating a Biofuel economy and enhancing energy security for India.



Prize Distribution:

- I Prize: Rs.1000/- (1 Person)
- II Prize: Rs.750/- (2 Persons)
- III Prize: Rs. 500/- (3 Persons)
- Participation Certificates

World Biofuel Day
10th August 2023
10.00AM Onwards

CONTACT US
 Dr. J. Madhavi
 Asst. Prof. Of Chemistry
 Dept. Of Chemistry
 9912166213

Principal



World Organ Donation Day

Date: 13-08-2023

As a part of “World Organ Donation Day” students participated in this programme they present some videos, skits and speeches to give some awareness to the students. All the life science students participated in this programme actively.

