

Seminars:

2018-2019

1. Mr. Banda Nagaraju vice president Leiutis pharmaceuticals Pvt ltd who is a distinguished alumnus of the department gave a seminar on HPLC- estimation of drugs on 12th Feb 2019.



2019-2020

4. Dr. Jeremiaiah Kiran, chairman dept of advanced technologies, Alcorn state university U.S.A who is also alumnus of dept delivered a talk on educational and employment opportunities for chemistry students in Alcorn state university on 30th and 31st July, 2019.

Also conducted a seminar on **Radioactivity and its applications**









2020-2021

3. Seminar by Mrs Nirmala Jyothi, HOD, Chemistry, JMJ College for women, Tenali on Optical Isomerism of coordination compounds on 03-02-2021.





2021-2022

5. Seminar on polymers by Mrs Chandra Rekha,
Lecturer in Chemistry, BHH Degree College for
women, Guntur on 5th April, 2022



6. Dr. K. V. Pravallika, M. Pharm, Ph.D. Assistant professor of Pharmacy in Acharya Nagarjuna University delivered a talk on drugs on 24th Nov 2022.





Workshops

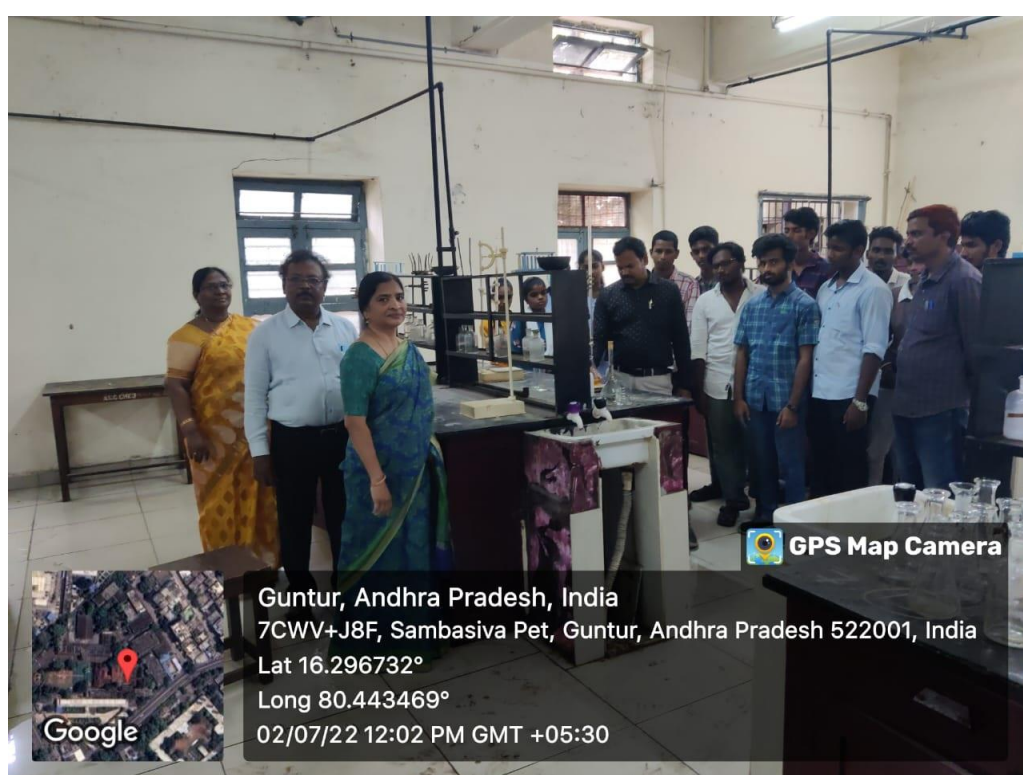
2018-2019

1. Workshop on soil analysis by Mrs. B. Joyce on 5th December, 2018



2021-2022

2. Workshop on water analysis by Dr. Uma Maheswara Rao, HOD Chemistry, Hindu College, Guntur on 12-07-2022





2022-2023

3. Workshop on food adulteration by the Central Agmark laboratory, Guntur on 9th February 2023.





Field Trips:

1. Name of the activity: Field trip to Visakhapatnam Steel Plant, Visakhapatnam
2. Date: 27th & 28th April 2022
3. Objectives:
 - (i) To help students familiarize with various metallurgical processes involved in the manufacture of steel

(ii) To know the range of the products obtained in steel industry and their utility.

(iii) To learn the scope and methods in R&D.

(iv) To expose students to work life in a large industry.

4. Participants: 10

5. Description of the place: Vizag steel plant was commissioned in 1992. It has an area of 33,000 acres. with over 17000 employees. It has a production of 7.3 million tons per annum. It manufactures various products like plates, rods, wires etc. It has various plants such as coke dry cooling plant, blast furnace, LD converter shop, cake oven battery, steel melt shop, wire-rod mill etc.

6. Outcome: Students got familiarized with various stages involved in the manufacture of steel. Students were very excited to see huge installations like blast furnace.

Evidence: GPS photographs.





II) Name of the activity: Students visit to Pharma exhibition:

Date: 22nd Dec 2022

Place: Chalapathi College of Pharmacy for a Pharma expo

Outcome: The students were familiarized with various procedures and techniques involved in pharma industry.





III) 1. Name of the activity: Field visit of students to a nearby village called Pothuru to carry out the project on soil analysis.

2. Date: 09-02-2018

3. Objectives:

- a) To learn about the chemical, physical and biological properties of soil.
- b) To understand how soil affects the environment and the organisms living in it..
- c) Soil analysis can help diagnose plant problems.

4. Participants : 15

5. Outcome:

a) The students learned to analyze and compare the physical and chemical properties of different soil samples.

b) The students understood the importance of soil testing.

c) The students realized the impact of human activities on soil health and the need to protect the environment by controlling soil pollution.

d) The students developed team work skills.







IV) Faculty visit to SRM university, Amaravathi to witness the research facilities on the campus.



Healthy practices:

- Encourage students in active learning through mini projects and field trips.
- Counselling the students regarding studies and discipline
- Recognise the slow learners and conduct remedial classes.
- Create opportunities for students through JKC.
- Encourage students to participate intercollegiate quiz programs and paper presentations.
- Guiding students in community and social service projects
- Mentoring students for short term and long-term internships



Students secured prizes in inter collegiate chemistry quiz in TJPS college Guntur.



YEAR	DAY	DATE	ACTIVITY
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2018-19	World Environment Day	05-06-2018	Talk by Dr. K. Bhagya Lakshmi
	Ozone Day	15-09-2018	Talk by Dr. Mutta Reddy
2019-20	Ozone Day	19-09-2019	Essay writing
	Pollution Control Day	02-12-2019	Talk by Miss. Ch. Florence
	National Science Day	28-02-2020	Elocution
2020-21	World Water Day	22-3-2021	Talk by Dr. N. M. Mrudula
2021-22	Ozone Day	16-09-2021	Talk by Dr. B. Vijay Kumar
	World Food Day	16-10-2021	Talk by Mrs. G. Santhi Priyaranjani
	World Water Day	22-03-2022	Talk by Dr. N. J. Solomon Babu
2022-23	National Pollution Control Day	02-12-2022	Talk by Dr. M. S. Sridhar

EVENTS CELEBRATED IN THE DEPARTMENT

WORLD ENVIRONMENT DAY- 2018

Speaker: Dr. K. BHAGYA LAKSHMI

The Chemistry Department Celebrated World Environment Day, on **June 5th 2018**, to create awareness to the students about protecting and safe guarding our nature. The HOD of Chemistry, Dr.N.J. Solomon Babu was the chair person and the speaker was Dr.K. Bhagya Lakshmi, HOD of chemistry, Govt. Women's College, Chirala. The meeting was commenced with prayer by Mrs.P. Anitha Pranuthi, senior lecturer in chemistry. Our HOD gave the introductory speech, explained the importance of the event this year, that India is hosting the world environment day,2018. This is led by the United Nations Environment Programme (UNEP),and held annually on 5th June since 1973. This is the largest platform for environmental public outreach and is celebrated by millions of people across the world. The speaker, Dr.K. Bhagya Lakshmi explained about the theme of world environment day --2018, "**Beat Plastic Pollution**" and the need of the governments, industries, communities and individuals to come together and explore sustainable alternatives and urgently reduce the production and excessive use of plastic.



OZONE DAY - 2018

Speaker: Dr. MUTTA REDDY

The Chemistry department celebrated OzoneDay on **September 15th 2018**, to create awareness on global warming and ozone depletion and creating a sustainable environment, among students. The chief guest was, Dr. S Mutta Reddy, Reader in chemistry, Y.A. Govt. Degree college, Chirala. In his speech, he talked about the theme of ozone day-2018, **“Keep cool and carry on! The Montreal protocol.”** He explained about the ecological imbalance and health hazards caused by depletion of ozone layer present in the atmosphere and insisted on minimizing the use of modern equipment like refrigerators and air conditioners which release the harmful CFC compounds. An elocution competition was held for students on the topic, **Ozone depletion: impacts and remedies**. The programme was concluded by awarding prizes to the winners of the competition.





OZONE DAY – 2019

Speaker: Dr.N.J.Solomon Babu

The Chemistry department celebrated Ozone Day on **September 16th 2019** to create awareness on global warming and ozone depletion and creating a sustainable environment among students. The HOD of Chemistry, Dr. N.J. Solomon Babu talked about the theme of ozone day-2019, “**32 years of healing.**” This year’s theme celebrates three decades of remarkable international cooperation to protect the ozone layer and the climate under the Montreal protocol. He explained about the ecological imbalance and health hazards caused by depletion of ozone layer present in the atmosphere and insisted on minimizing the use of modern equipment like refrigerators, and air conditioners which release the harmful CFC compounds. An essay writing competition was held for students on the topic, **Ozone depletion: impacts and remedies**. The programme was concluded by awarding prizes to the winners of the competition.

Essay writing competition on ozone day



POLLUTION CONTROL DAY - 2019

Speaker: MISS.Ch. FLORENCE

The Chemistry Department Celebrated 'Pollution Control Day' on **2nd December, 2019**, to create awareness and action to protect our environment. The HOD of Chemistry, Dr.N.J. Solomon Babu was the chair person for the meeting and, Miss.Ch. Florence, lecturer in English was the speaker. The meeting was commenced with prayer by Dr.M.Kusuma Kumari, senior lecturer in chemistry. The chairperson gave introductory speech, explained about the origin of pollutionday,. This is the largest platform for environmental public outreach and is celebrated by millions of people across the world. The speaker, explained about the "**Air Pollution**" and the need of the governments, industries, communities and individuals to come together and explore sustainable alternatives and urgently reduce the release of pollutants into air. The meeting was concluded by taking oath to reduce the activities which leads to air pollution.



WORLD WATER DAY - 2021

Speaker: Dr.N.M. MRUDULA

The department of Chemistry observed the World Water Day on **22nd March, 2021**. The theme for this year's world water day is "**Valuing Water**". Water has enormous and complex value for our households, food, culture, health, education and integrity of our natural environment. A brief meeting was conducted with staff and very few students, observing covid regulations. The speaker, Dr.N.M.Mrudula, lecturer in Economics, talked about the theme of this year and water and sanitation for all. She said, without a comprehensive understanding of water's true and multidimensional value, we will be unable to safeguard this critical resource for the benefit of everyone



OZONE DAY - 2022

Speaker: Dr.B. VIJAY KUMAR

The Chemistry department celebrated Ozone Day on **September 16th 2021** to spread awareness among students on global warming and ozone depletion and search for possible solutions to preserve it. The chief guest was Dr. B. Vijay Kumar, Lecturer in Mathematics, absorbed in Govt. He talked about the theme of ozone day-2021, **“Montreal Protocol – Keeping us,our food and vaccines cool”**and explained that this year’s world ozone day seeks to highlight, the Montreal protocol does so much more – such as slowing climate change and helping to boost energy efficiency in the cooling sector, which contributes to food security. As we all know, the past year has been extremely difficult for the entire world, including tragic loss of life, the economic impacts, and the social disruptions. People have struggled on both professional and personal levels to cope with this difficult and complex situation. However, despite these challenges, the entire Montreal Protocol community has shown remarkable resilience and strength over the past year and the treaty has continued to work with commitment.



WORLD FOOD DAY - 2021

Speaker: Mrs. G. SANTHI PRIYA RANJANI

The world Food Day was celebrated in the chemistry department on **16th October 2021**, to promote awareness and action for those who suffer from hunger and the need to ensure food security and nutritious diets for all. Mrs. G. Santhi Priya, lecturer in Mathematics was the speaker for the occasion. She talked about the theme of this year's food day, "**Safe Food Now for Healthy Tomorrow**" and emphasized on adulteration of food.



WORLD WATER DAY – 2022

Speaker: Dr.N.J.SOLOMON BABU

The department of Chemistry celebrated the World Water Day with great zeal and enthusiasm on **22nd March,2022**. The theme for this year's world water day is **"Ground Water – Making the Invisible Visible"**. The chief guest for this occasion was Dr. N. J. Solomon Babu, Senior lecturer in Chemistry. In his speech, he stressed on the importance of ground water, as it is a vital source that provides almost half of all drinking water worldwide. It sustains ecosystems, maintains the base flow of rivers. Despite these impressive facts, invisible ground water is out of sight of and out of mind for most people. The meeting was concluded with vote of thanks by HOD, Mr. Y. Durga Prasad.



NATIONAL POLLUTION CONTROL DAY – 2022

Speaker: Dr.M.S. SRIDHAR

The Chemistry Department Celebrated National Pollution Control Day, on **2nd December,2022**, to create awareness and action to protect our environment. The HOD of Chemistry, Mr. Y. Durga Prasad was the chair person for the meeting and Dr. M. S.

Sridhar, former HOD of English Department, was the speaker. He spoke on the subject “**Air Pollution**” and the need of the governments, industries, communities and individuals to come together and explore sustainable alternatives and urgently reduce the release of pollutants into air. “National Pollution Control Day” is people’s day to do something to take care of the earth in local,national and global level. The meeting was concluded by taking oath to reduce the activities which leads to air pollution. Mrs. M. Kanthi Kirani, Lecturer in Chemistry proposed vote of thanks.



Distinguished members of the Alumni:

- Dr Anjireddy, founder and CMD, Dr Reddylabs, Hyderabad