

FIELD TRIPS 2018-2023

TTWRDC(G) KOTHAGUDEM

DEPARTMENT OF CHEMISTRY

DEPARTMENTAL ACTIVITIES-2018-19

TITLE OF THE PROGRAME: Field visit to Kinnerasani, Paloncha, Bhadradi KTDM District.

DATE OF THE EVENT : 05.01.2019

RESOURCE PERSON/CHIEF GUEST : Smt P. Rathnakumari, Principal.

OBJECTIVE OF PROGRAM : Total our college visited picnic trip to kinnerasani to cover the beautiful places around the campus. And also we have shown the kinnerasani project to the students. We felt very happy after seeing the beautiful environment within in the campus.

BREIF DESCRIPTION: The Department of Chemistry also involved in this field trip along with the other life science departments. This kinnerasani wild life sanctuary was made with 635.4 km² land, the environment within the campus was very good. We have also seen animals like deers and monkeys a long with the students. This place was famous for deers. We have also Seen some medicinal plants in the campus area. Students were enjoyed a lot in this field trip.

No of Lecturers:

1. G. Revathi

TTWRDC(G) KOTHAGUDEM

DEPARTMENT OF CHEMISTRY

DEPARTMENTAL ACTIVITIES-2019-20



TITLE OF THE PROGRAMME: Kothagudem Thermal Power Station, Paloncha, Bhadradi-Kothagudem District.

DATE OF THE EVENT : 02.02.2020.

RESOURCE PERSON/CHIEF GUEST : Smt P.Rathnakumari, Principal.

OBJECTIVE OF KTPS : The main objective is to awareness of the production of electricity from coal and water.

OBJECTIVE OF MISSION BHAGIRADHA : KTPS is a power station, it is producing electricity from water and coal which is located at Paloncha in telangana. It is basically Coal fired thermal power Plant, consisting of 6 Units of 210 MW each. The installing capacity: 210MW x 3 (Stage-1) and 210mwx3.

No of Lecturers: G. Revathi

R. Thirupathamma



TTWRDC(G) KOTHAGUDEM

DEPARTMENT OF CHEMISTRY

DEPARTMENTAL ACTIVITIES-2019-20

TITLE OF THE PROGRAME: Field visit to ITC Paper Board at Sarapaka, Bhadradri Kothagudem District.

DATE OF THE EVENT : 02.11.2019.

RESOURCE PERSON/CHIEF GUEST : Smt B.Ratnakumari, Principal.

OBJECTIVE OF PROGRAM : The main objective is to production of papermaking is the manufacture of paper and cardboard, which are used widely for printing, writing, and packaging, among many other purposes. Today almost all paper is made using industrial machinery, while handmade paper survives as a specialized craft and a medium for artistic expression.

No of Lecturers:

1. G. Revathi
2. R. Thirupathamma

BREIF DESCRIPTION: The Department of Chemistry conducted a field trip to ITC Paper Board, which is located at Sarapaka, in Bhadradri Kothagudem District. ITC Limited-PSPD, Unit: Bhadrachalam is located at Sarapaka village, Near Bhadrachalam, Bhadradri Kothagudem district, Telangana, about 5 km from Bhadrachalam town in south central part of India.



TTWRDC(G) KOTHAGUDEM

DEPARTMENT OF CHEMISTRY

DEPARTMENTAL ACTIVITIES-2022-23

TITLE OF THE PROGRAME: Field visit to Dumping Yard, Dry waste & Wet Waste (Varmicompost) at Budidagadda, Kothagudem, BhadradriKothagudemDistrict.

DATE OF THE EVENT : 23.11.2022

RESOURCE PERSON/CHIEF GUEST : Smt B.Rajeswari, Principal.

OBJECTIVE OF DUMPING YARD :The main objective is to Dumping Yard process of muck dumping and restoration of these muck disposal sites are: to protect and control soil erosion; to create greenery in muck disposal area; to improve and develop sites into recreational site; to ensure maximum utilization of muck.

No of Lecturers:

1. G. Revathi
2. S. Nageswara Rao
3. M. Meena

OBJECTIVE OF VARMICOMPOST: From the chemistry department today as a part of project we have visited vermicompost with students near Budidhagadda basthi old kothagudem.

Sri. Ashok Chowhan garu sanitary inspector explained our students how the degradation of wet waste occurs in vermicompost pits.

Sri. T.Veerabhadra chary garu explained how to collect vermiwash and how to extract the compost fertilizer.

BRIEF DESCRIPTION: The Department of Chemistry conducted a field trip to Dumping Yard at Kothagudem is Dumping yard has also been posing a threat to the environment as the workers set nearly 10 feet high heaps of garbage on fire, turning the situation extremely unhygienic for the residents in the vicinity.



TITLE OF THE PROGRAMME: Field visit to Singareni Coal Mine, at 4 in Cline, Kothagudem, Bhadradi-Kothagudem District.

DATE OF THE EVENT: 06.04.2023

RESOURCE PERSON/CHIEF GUEST : Smt B. Rajeswari, Principal.

OBJECTIVE OF DUMPING YARD: The main objective of Singareni Coal Mine visit is to know about the types of coals, calculation of Gross Calorific Value, Net Calorific Value and types of Grades. Testing of different coals based on the samples. Calculation of calorific value using Bomb Calorimeter.

OBJECTIVE OF Singareni Coal Mine: From the chemistry department today as a part of project we have visited Singareni Coal Mine with students near 4-in cline, kothagudem.

Sri.Ch.Srinivasa rao Sir explained about the extraction of coal samples from different areas, testing and giving the grades of the testing samples. Sir also explained about the how to crush the coal as well as the pulverization process.

Smt. Mahalaxmi madam explained about the testing and GCV process and how to calculate the calorific value.

BRIEF DESCRIPTION: The Department of Chemistry conducted a field trip to Singareni Coal Mine at 4-in cline Kothagudem. Mainly in this visit students know about the extraction of the coal sample from different areas, its pulverization and knowing about the GCV.

