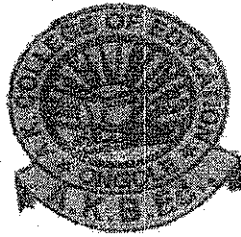


ANDHRAKESARI COLLEGE OF EDUCATION

(Approved by NCTE, Affiliated to ACHARYA NAGRJUNA UNIVERSITY, GUNTUR)

Cheruvukommu Palem Road ,Pelluru (Post), ONGOLE – 523 272 ,
PRAKASAM Dist ., (A.P)

B.Ed COURSE : SEMESTER – 4



S4P – COURSE XVII

ENVIRONMENTAL EDUCATION

PRACTICUM: ACTIVITIES/PROJECT/RECORD

Name of the student Teacher -----

Roll No : ----- Reg.No :-----

11/11/11

Certificate

This is to certify that Mr./Mrs./Kum. N. Sireesha
Class No ----- Regd No. Y16ED31003 has completed
the required activities regarding to Environmental Education practicum
towards the fulfillment of B.Ed course work stipulated by the Government of
Andhrapradesh and approved by Acharya Nagarjuna University.

This Record is assessed.

Signature of the Lecturer

3
11

INDEX

S.NO	ACTIVITIES	PAGE NO
01	Make a survey of your area and document all the environmental problems found along with photographs.	
02	Conduct a survey in the five schools and describe the steps to be taken to enhance the environment and to make the institutions Swatch.	
03	Organise a survey rally in a school where you attend relationship on Swatch Bharath and importance of Environment (the world environment day is 5 th June) and write a report on it.	
04	Conduct Elocution and essay writing Competitions for students on environmental issues and report	
05		

11/11/11

Activity - 1

Make a survey of your area and document all the environmental problems found along with photographs.

Introduction:-

Now a days, there is a debate going on environment not only by the environmental scientists, but also scientists of other sciences like educationalists, planning scientists, social scientists, atleast common people are also participating in the discussion of environment. For the development, health, reproduction for every one's life effect of environment can play a major role. Not only trees and animals but also in between social, financial, cultural conditions. Our life is called environment.

The problems of environment not only permitted to a country & a continent. All over the world is effected with this problem. From 1972, Under the contribution of "United National General Assembly" we celebrated June 5th as World's Environment day every year.

Definitions:-

The unknown relationship between a human/man with water, earth, Air etc. is known as environment. So that we have to protect our environment by polluting. This is called Conservation of environment. The nature establishes on earth is called environment.

The harmful substances that exceeds the limits of society level that pollutes the environment is called Environmental pollution.

Aims:-

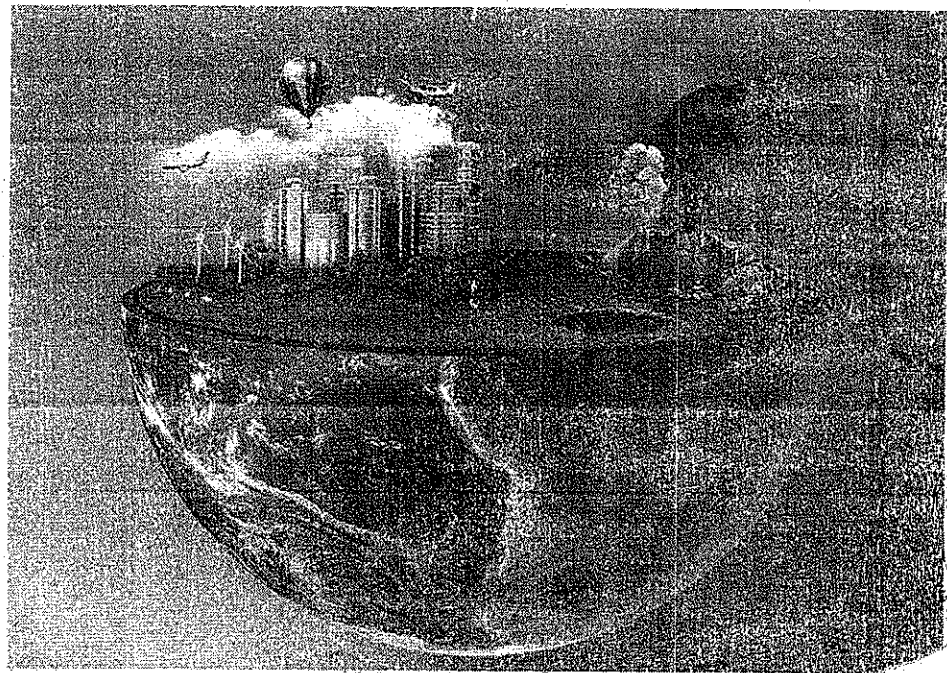
- To survey in a place and to know about the Reasons of problems.
- To know the reasons of problems of environment located in Mangamoor Road, Ongole.
- To know the reasons for Air pollution, Water Pollution, Earth pollution in environment.

Main objective:-

Make a survey of your area means Mangamoor road, Ongole and document all the environmental problems.

Problems of Environment:-

Environment polluted in different ways like Air pollution, Water pollution, Earth Pollution.



Pollution! - the unexpected change that occurs in Air, water, earth of physical, chemical and Bio-related characteristics is called pollution.

1) Air-pollution: The pollutants that cause harm for the Air situated in our environment is called Air-pollution. These pollutants generally release Poisonous gases like Sulphurdioxide, Hydrogen Sulphide, Hydrocarbons ...

Definitions:

By the Air, water and solid substances that created

Unhygienic atmosphere by the man's negativity of man's life, trees is called Air-pollution.

"The poisonous substances that releases in Air which causes harm to man's life and atmosphere is called 'Air pollution' - WHO.

Reasons - for Air pollution:

There are so many reasons for Air-pollution. Some of them are.

- 1) Vehicles
- 2) Factories
- 3) Fuels
- 4) Aerosols.

1) vehicles: The fog that released by the different vehicles is the main reason for Air-pollution.

2) factories: By the fog enhancers fog is suddenly released by that it is also one of the reason for Air-pollution.

3) Fuels:- For the heat used in Houses, offices, Factories by the fuels is also a cause for Air pollution.

4) Aerosols:- In the form of fog, or vapours the release of some chemicals are called 'Aerosols'.

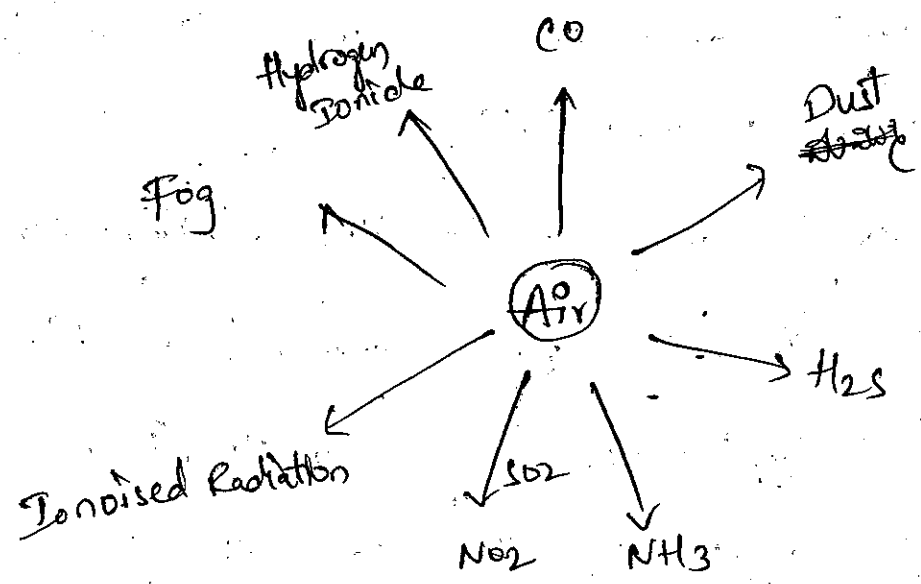
The Impacts that caused by the Air-pollution:

→ By the Air-pollution it causes problem in breathing air, chest pain, Asthama, Bronchites, lungs, Cancer.

→ Longly effecting to this pollution causes heart problems and High B.P.

→ Animals also effected by these Air-pollution.

→ Dust and Dust particles due to Air-pollution causes effect in development of Animals and Trees



Steps to prevent Air pollution:

- By the development of trees Air-pollution can be stopped.
- Decreasing the using of fuels.
- Using of CNG gases decreasing Air-pollution.
- Preventive steps to be taken around the factories.

II Problem:

Air pollution:

Definition: - the substances causing harm to water like radiated, physical and so on disturbed the

quality of water is called water-pollution.

The physical and chemical change that occurs in water is called water-pollution.

In Ongole in our localities drinking water is supplied by the 'Rangayyudu cheruvu'. By this pond water is supplied to Ongole localities. From Sagar water is supplied to the pond through pipes. By the factories and chemical wastes and human activities the water of Sagar is polluted.

The problem of drainage system also pollutes the water. By drinking this water people causes to unhealth. Bad smell was caused by water.



Reasons for Water-pollution:

There are mainly two reasons for Water-pollution.

1) Human Reasons

2) Natural Reasons

The natural reasons for water pollution can be named as following.

1) The pollutants that causes pollution.

2) Waste-substances

3) Drainage

4) Factories

5) Use of pesticides in large amount.

6) Cyclones

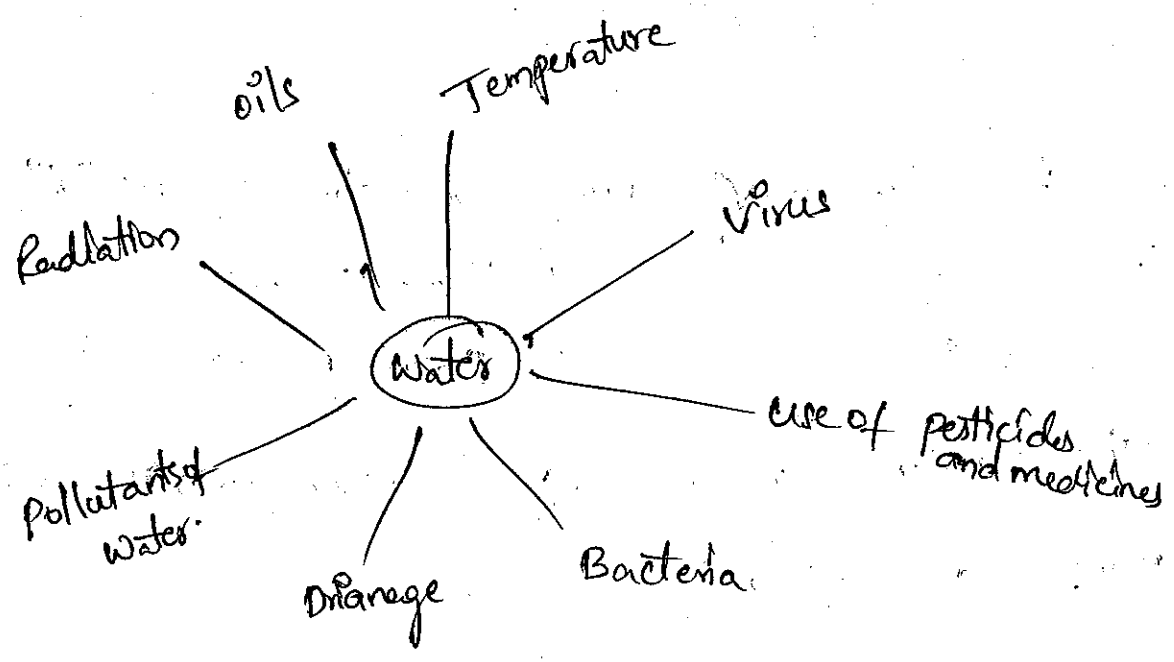
7) Earth-Quakes

8) Rain water with Acid.

9) Radiation

10) Human constructions

These are the mainly reasons for the Water-pollution



Impacts of Water pollution:-

- By drinking of water pollutants typhoid, cholera, Deconty, ... diseases will be occurred.
- By excess of flouride content in water causes teeth diseases, Breath problems.
- By factory wastes the lakes, ponds are getting polluted.
- The chemical wastes that causes effect for the water animals.

Steps to prevent water pollution:-

- Water which is purified should be used.
- Every one has to drink boiled water.

⇒ Donot leak the oil in oceans and seas.

⇒ det the constructions of factories will be out of human living conditions.

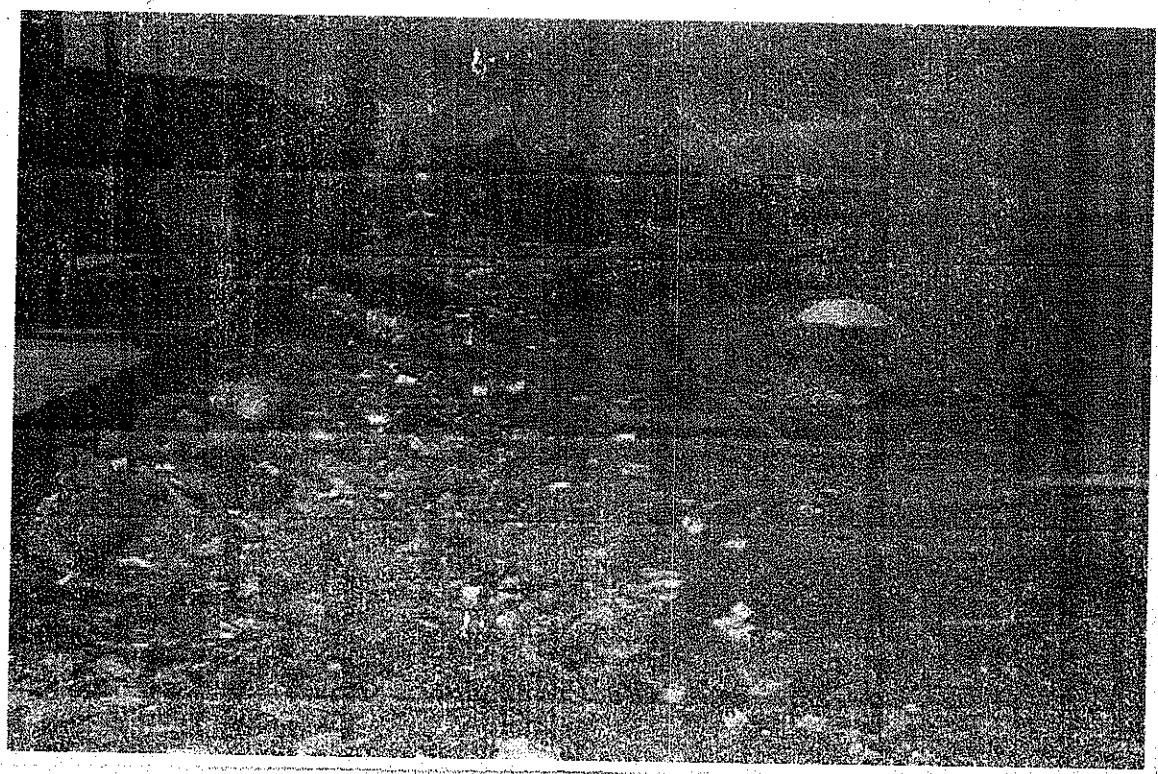
III Problem:

Earth pollution:

Definition: By the Naturalism and human Activities

the quality of earth decreases is called Earth pollution.

By the earth cross plants decreases, decrease of micro-organisms, the change of humidity in earths and etc drastic changes in temperature also causes Earth-pollution



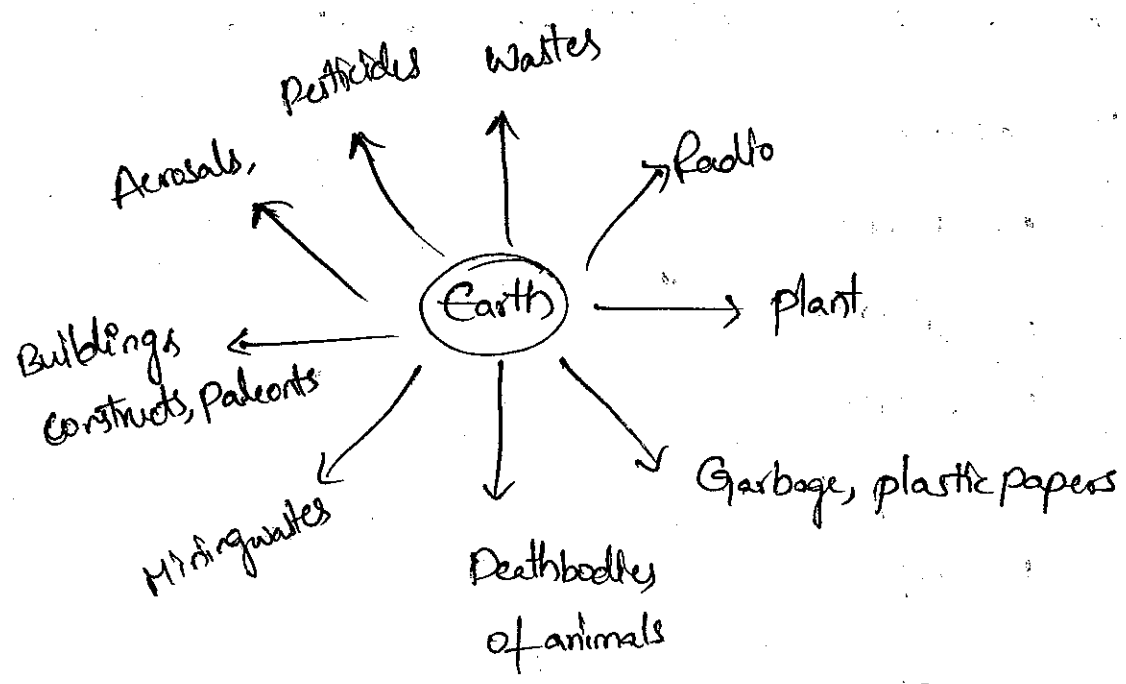
Reasons for Earth pollution:

There are 9 Reasons for earth pollution.

- 1) physical Reasons
- 2) Bio-Reasons
- 3) Air pollutants
- 4) Bio-effectives
- 5) Factorial pollutants
- 6) Increase of population
- 7) Deforestation
- 8) Floods
- 9) Cyclones
- 10) Agricultural specifications

Earth pollution is a different type of environmental pollution. By the use of plastic paper, wastage. By the use of pollutants which causes harmful to environment and earth is called pollution.

By the dropping of waste in every where which is empty. So that the waste remains it and causes pollution



Impacts of Earth-pollution:-

- By the artificial chemicals involved in earth the food items are not good to eat.
- The disease caused earth which effects bacteria caused typhoid, cholera will spread.
- ⇒ Spread of smell through wastage.

Steps to prevent Earth-pollution:-

- By increasing of forests we can prevent soil erosion.
- ⇒ By planting in rotation method we can increase of capacity of soil.
- By decreasing the use of wastage water from the houses.

→ 5 R's is the best principle to decrease soil erosion.

R- Reduce

R- Reuse

R- Refuse

R- Recycle

R- Repair

Learning Outcomes!

- I can know by this activity, pollution means chemical changes in the form of Air, water, and in Bio organisms.
- By heating of Motor vehicles, fuels Air pollution occurs.
- Pollution of water causes water pollution.
- By Natural conditions and human Activities if the quality of earth decreases it is called Earth-pollution.
- Knowing about the preventive steps for pollution.

Conclusion:

In the part of my B.Ed Activity the Problems of environment like Air pollution, water, Earth is have observed by me. It is helpful to know why the problems occurred and how to prevent these problems and pollution and impacts caused by the pollutants are also included in this report.

Activity-3

Conduct a Survey in five schools and describe the steps to be taken to enhance the environment and to make the Institutions swatch.

Introduction:

School is like a nursery for student's growth and Development. All the educational programmes and Processes that shows impact on school. All the elements containing school. Can make a child development into a complete way. If a school is builded with Peaceful atmosphere in a facilitated area with all facilities the students can achieve the aims of education Under the guidance of teacher. For a body, sole plays an important role like wise school is also important for Education.

The factors that completely effected Education are

- 1) School Environment
- 2) Teaching
- 3) Learning

- 4) Co-curricular Activities
- 5) Health
- 6) Entertainment
- 7) Ruling.

To keep clean the atmosphere of school clean we have to tell the importance of clean environment for students and to give the suggestions for the development of environment.

Aims:

- ⇒ Visiting of five schools and preparation of report on the environment of school.
- ⇒ To know the activities and steps taken for the development of environment.
- ⇒ To know the problems of environment by observing the atmosphere of school.

Main Objective:

Conducting a survey in 5 schools and describing the steps to be taken to enhance the environment and make the institutions swatch.

Preliminary Information:-

For this Activity, I visit the five schools and prepared a report for the development of a environmental health.

1) Government Girls High School:-

I visited the Govt. Girls High school located at Bandlamitta in Ongole, Prakasam District.

I observed that the area is clean or not.

Establishment of school: This school was established in the year 1948.

To keep environment clean and to improve the environment some steps are taken by the school.

For every week one period for one class is allotted for to keep clean around the school by the Principal of the school. In this period students can make the surroundings of a school clean. Students can collect the waste in the school surroundings.

or class surroundings or in class. and drop it in a specially allotted dustbin and burnt the dust in play ground at a corner.

In the surroundings of toilets of schools, wastage of water and dropping of waste can be eradicated and the awareness should be created in the students by the teacher and the headmaster of the school.

In this school, students plant trees for the development of environment. For these plants protection, headmaster allotted some students according to the time table. The wastage in the labs, and the poisonous chemicals used in the lab are separated from the all the waste and burnt it in the last of the town.

By all the above steps this school can keep their environments clean.

Q. St. Teresa High School:

Special periods are allotted for the school environment keeping clean and green. Awareness are being given to students by the teachers and Headmasters of the school.

To keep the environment of school clean the headmaster make the students to collect waste particles in the class surroundings. Make an Action do not leak water from the pipe. Students bring notice to the principal in the issue of leakage of water. He responds immediately to the issue and make an action.

The equipments, Motor, vehicles used by the students and teachers are certified as non-pollutant and fitness certificates. They make their effort on stopping releasing CO₂ and CO.

III. P.V.R. High School

For this activity I visited the P.V.R High School. and observed the environment and surroundings of the school and noted the steps which are taken to improve the surroundings of environment and clean.

For improving the condition of environment Planting the trees in the school surroundings by the students and protecting them. For this plants protection Headmaster appointed some students as per time table

The students of these school cannot drop wastage around their surroundings of class in class.

They keep the surroundings of their school clean.

They daily implement the Swachh Bharath program in their surroundings

IV Bhashyam High school:-

For this activity I visited the Bhashyam High school and observed the environment that is situated in the surroundings of the school and noted the steps that are taken by the management of school to keep the school environment clean.

The students in the school keep their class and school surroundings clean everytime. The students in this school are made lunch in the specially allotted rooms. Therefore cleaning is easy for to keep and the environment clean and green. In this school there is no place for planting trees. But they plant trees in pots and vases.

By this method students and organisation improves the environment by the keeping of school environment.

V St. Xaviers High school:-

For this Activity I visited the St. Xaviers High school and know the programmes that are implemented by the school for the development of environment. and observed the surroundings of the school.

The students in the school are collected the wastage in their surroundings of school and burnt them in the play ground at a special entry place in the evening. For this process Headmaster of the school allotted some periods.

Students of the school allocated some special periods for the protection of plants in the environment of school. the teachers of this school can make students awareness to the environment.

By the above process they make their school clean and green.

Learning Out comes:

- Visiting of five schools and observed the programmes which are implemented for the development of environment
- Students are organising and planting trees.
- Students have to know the steps which are taken for the environmental development.
- Knowing the students for environment development

Conclusion:-

In the part of my B.Ed course I visited the five schools and observe the programmes and steps which are taken to improve the environment development.

Activity-II

Organise a Survey rally in a school where you attend Internship on Swatch Bharath and importance of environment (the world environment Day is 5th June) and write a report on it

Introduction:-

The Bio - physical and lively organisms combination and Human, Animals, trees and Water, Air, food, Sunlight, Temperature --- and are necessary for the whole world is called Environment.

The deadly organisms are also the part of environment. A Biotic mean deadly organisms.

Now a days, there is a debate going on environment not only by the environmental scientists, but also scientists of other sciences like educationalists, planning scientists, social scientists, atleast common people are also participating in the discussing of environment. For the development, health,

Reproduction for every one's life. effect of environment can play a major role. Not only trees but also in between social, financial, cultural conditions our life is called environmental life.

The problems of environment not only permitted to a country & a continent. All over the world is effected with this problem. From 1972, Under the contribution of 'United National General Assembly' we celebrated June 5th as world's environment day we year.

Swatch-Bharath!

To Achieve the India which was dreamt by Mahatma Gandhi. Our prime minister Sri. Narendra Modi started a programme named Swatch Bharath

on oct 2nd of Gandhi Jayanthi in the year 2014

on sep 24, 2014 Our central govt of cabinet

can agreed the bill and it can implement on 2nd oct 2014.

Aims of Swachh Bharath!

In this mission out door toilets can be banned,

In this program All the legal towns of 100+1 and

- 1) individual toilets
- 2) use of public toilets
- 3) Municipal solid waste organisations.

Our central government started 'swachh vidhyala' program in all schools and educational institutions. This program is launched by then the central ministry of central Human Resources Development named Smriti Irani.

The main aim of this program is to make deanly schools and to facilitate drinking water to every school, sanitation facilities, health of students.

Aims:

- ⇒ To know the importance of environment.
- ⇒ By organising the Swachh Bharath programme
To explain the importance of environment for students.
- ⇒ To explain the students, importance of cleanliness.
- ⇒ To explain the Aims of Swachh Bharath.

Preliminary Information:

In the part of my B.ed Activity I visited St. Teresa high school. In this school students make a rally about the importance of Swachh - Bharath.

To explain Swachh Bharath Aims and importance of St. Teresa.

At the stage of school time, cleanliness is to improve in the students. By the programme of Swachh Bharath the importance of health and clean

is to explained. By the curricular and co-curricular activities the programme of swachh Bharath can be implemented.

The plans that are implemented by the teachers and headmaster;

The daily programme of school is Assembly. In Assembly needed message is given to the students.

After completion of lunch and before lunch hands should be washed neatly + make awareness among children in the use of toilets. and taken care about their health in both school and home.

Awareness camps and medical camps should be conducted for the conservation of students health.

Precautions taken by the organisers of mid-day meal program;

- Hands are washed clean by the people who are preparing food

Monthly Observation:

- ⇒ observe the buildings of school. if necessary repaired them
- ⇒ observe the man holes.
- ⇒ Facilitate the resources for the First Aid Box

Observation for 3 months:

- ⇒ clean the water tanks
- ⇒ painting the school buildings.
- ⇒ observe the drainage system.

Annual Observation:

- ⇒ Repair for the school building in summer holidays.
- ⇒ paint the school
- ⇒ Repair the electrical wires

World Environment Day Importance:

World Environment Day is organised on June 5th

In 1972 UNO - recognised the relation between Nature and man .. on 1974 June 5th is organised as

World Environment day.

- To improve the awareness of trees among students.
- To recognise the impact of deforestation.
- To protect soil.

Learning Out comes!

- Knowing that environment day is June 5th.
- knowing the importance of environment.
- How the environment is polluted? is known to us.
- To know the impacts of Air, water, Earth pollutions on environment.

Conclusion!

In the part of my B.ed activity I visited St. Teresa High school and noted that which programmes are related to Swachh Bharath that are implemented by the school and Prepared a report.

Activity 4

36

Conduct elocution and essay writing competitions for students on environmental issues and Report.

Introduction:-

Dictation ~~de~~ means Arrangement of Words.

The words, & sentences that are arranged in a systematic manner is called Essay Writing.

If the words and sentences are arranged in are said in oral it is called elocution.

Only few people can write even they speak clearly. Training can be given for these two namely elocution and Essay Writing.

With out any fear atleast 2 or 3 minutes can be able to speak or to express their view in front of the people as without any fears, inferiority and without any mistakes.

The main theme of essay writing is to educate creativity in the students.

This is inculcated from the impact of English literature. In Essay writing Essay means division.

We call Krishnadwaipayanudu as 'vedavyasa' because he divided the vedas into divisions which were united. In English it is called Essay and In Hindi it is called 'Nibandh'.

Taken a topic and divided into parts for explaining it is called essay. 'Essay' the word is first used by Sri "Gurajada Appa Rao". In telugu first essay writing was done by 'Samineni Narasimhanaidu'. He called Essays as prameyam.

The essay should not be so large it should be easy and accurate. The opinions of the writer should not force on the reader. The words of the essay should not be difficult or in Sanskrit with large literature. The essay should be interesting like given a

anxiety of reading more and more times.

The essay should be as executing the creativity in the students

The essay should not be only as belong to the knowledge domain. It also belongs to effective Domain. It means it belongs to feelings of heart.

In poet 'Lyric' plays an important role. In essay

Words are also like wise importance.

In this elocution and Essay writing Teacher play role as Audien and given guidance after discussing about expressing, mistakes of language and correct them. The voice level & expressions Vocabulary of the students can be identified.

Aims:

- ⇒ Conducting debate competitions on environmental Problems.
- ⇒ Conducting essay writing programmes on Problems of environment.

→ By conducting these competitions we have to know the opinions of students.

→ To know the abilities and skills of students.

→ To know their awareness about environment.

Main Objective:

To prepare a report on environmental problems by organising elocutions and essay writings.

Preliminary Information:

I with 5 other student teachers we visited St. Teresa High school and organised a elocution and essay writing and prepared a report on it.

Organising elocution and Essay writing programmes for students in the school and preparation of report.

Organised elocution and essay writing programmes on environmental problems for students.

to know the opinions of students

- Most of the students said and write that planting trees is best for environment
- Afforestation process should be taken for the protection of forests
- Students can be kept clean their environments of school. 'clean and green' should be followed by the students.
- The gases released by the vehicles like carbon monoxide, are partially burnt so that they released with heavy concentration and spoiled the environment which is called Greenhouse effect.

At present Green House effect fears all over the world. By this mountains can be heated and drops in to water so that oceanal Areas will be flood away. population, property damages will be occurred.

- ⇒ By adding chlorine or Bleaching powder to the drinking water we can destroy pesticides and bacteria in water.
- ⇒ Maintain the drainage system properly.
- ⇒ By adding wastage to the river water proper preventive steps should be taken.
- ⇒ Freeze the water released from factories to decrease temperature.
- ⇒ Stop the washing and bathing in the water of river.
- ⇒ Using of pesticides and Insecticides should be limit.

Above all the steps we can prevent water pollution.

In St. Teresa High school debate and elocution competitions on environmental problems. Every one has a responsibility to improve environment.

Learning Outcomes:-

- ⇒ Elocution and debate, Essay writings are best option to execute skills and talent of the student.
- ⇒ To improve the ability of students to discuss on a specific thing.
- ⇒ By essay writing students can express their opinions.
- ⇒ To improve awareness among children on environmental importance and the protection of environment.

Conclusion:

In the part of my B-ed Activity I visited St. Teresa High School and organised the elocution and essay writing competitions on the problems of environment.

