

JESUS THE SAVIOR OF NATIONS (JETSON) COLLEGE OF EDUCATION

CHRIST CENTRE, GANGUBUDI VILLAGE,
L. KOTA (Md.), VIZIANAGARAM DIST.



ACTIVITY RECORD

Group : Biology/Physics Subject : Environmental Education

Register No. : 218115702069(R) Roll No : 69

ANDHRA UNIVERSITY, VISAKHAPATNAM
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ANDHRA UNIVERSITY
VISAKHAPATNAM

Certificate

This is to certify that *Mr./Mrs./Kumari*..... *Sushanta Sahu*.....

student of..... *JETSON College of Education, Vizianagaram*..... completed

five Activities..... in *College / School / Society* and submitted the same

as *Activities*..... Record of the Course *BEd. Regular Science*

as part of *His / Her*..... *Fourth*..... Semester in B.Ed. Programme.

Register No. : *218115702069CRD*

Method : *Phy / Bio*

Name of the Teaching :
Practice School

Max. Marks :

Signature of Lecturer

Signature of the Principal

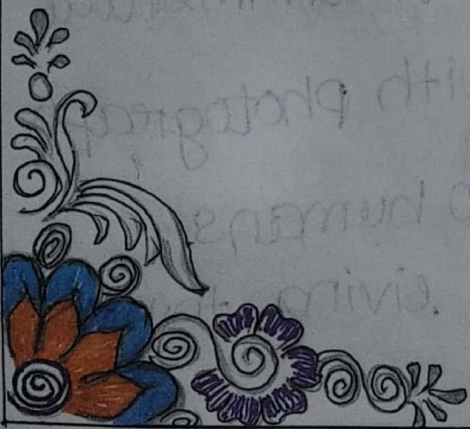
Initial of the member of
Moderation Board

College Seal

INDEX

Serial	PARTICULARS	Page	Remarks
01	Conduct a survey report of your own area and make a documentation of all the environmental problems for the long with some photographs.	01 to 08	
02	Make a survey report of 4-5 high schools and describe the steps to be taken to enhance the environment and make their institute Swatch or clean.	09 to 20	
03	Organize a rally program in a school where you attend your internship on Swatch Bharat mission. And make an awareness on importance of Environment.	23 to 29	
04	Conduct an educational & essay writing competition for students on environmental issues & report	30 to 35	
05	Make a essay writing competition of students on environmental issues & report.	36 to 40	

ACTIVITY-1





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

I S. padmini Conduct a survey in the area balaji Junction vizianagaram. Air pollution :- Air pollution occurs when gases, dust particles fumes & others are introduced into the atmosphere in a way that makes it harmful to humans animals and plants.

Make a survey of your area and documents environmental problems found along with photograph. those are harmful to humans lungs and animals all living things.

Causes of air pollution

Air pollution can result from both human and natural actions. Natural events pollute the air. include forest fires, volcanic eruptions, wind erosion pollen dispersal, evaporation of organic compounds and chemicals into the air. this appears almost everywhere. where that people live petroleum refineries also release lots of hydrocarbons into the air.

The air include forest fires, volcanic eruption of organic compounds chemicals into the air this appears almost everywhere.

After the industrial age. transportation has become a key part of our cars and heavy duty trucks.

trains shipping vessels and aircraft all burn lots fossil fuels to work emission from automobile contains both primary and secondary pollutants this is a very difficult to manage this is because human rely heavily on vehicles and engines for transporting people goods and services.

Report :- I observed in my survey that area I selected for observation is a very one the glasses are pumped into air and it is made unclear. The air is polluted by including carbon monoxide from automobile exhaust and sulphur-dioxide. from the combustion of coal.

when the pollutants are mixed up in a chemical reaction they form an even more dangerous chemicals.



AIR POLLUTION

Trains shipping vessels and airplanes. all burn lots of fossil fuels to work. Emission from automobiles contains both primary and secondary pollutants.

Chemical reaction involving air ozone (O_3) The ozone layer protects the earth from the sun's UV rays. The human actions causes chemical reactions between oxide by nitrogen and various organic compounds ozone is getting contaminated the air and contributes to what we typically experience as smog & haze.

The polluted air emitted from the vehicles causes irritation of eyes nose and throat and upper respiratory infections such as bronchitis.

Chemical reaction involving air ozone (O_3) The ozone layer protects the earth from the sun's UV rays the human actions. Causes chemical reactions between oxides.

The polluted air emitted from the vehicles causes irritation of eyes nose and throat and upper respiratory infection such as bronchitis and pneumonia can be affected others like headache Nausea and allergic reactions.

Long term health affects can include chronic respiratory diseases. Lung cancer, heart diseases and even damage to brain, nerves, liver or kidney, continual exposure to air pollution affects the lungs of growing children and may aggravate (or) complicate medical condition in the elderly.

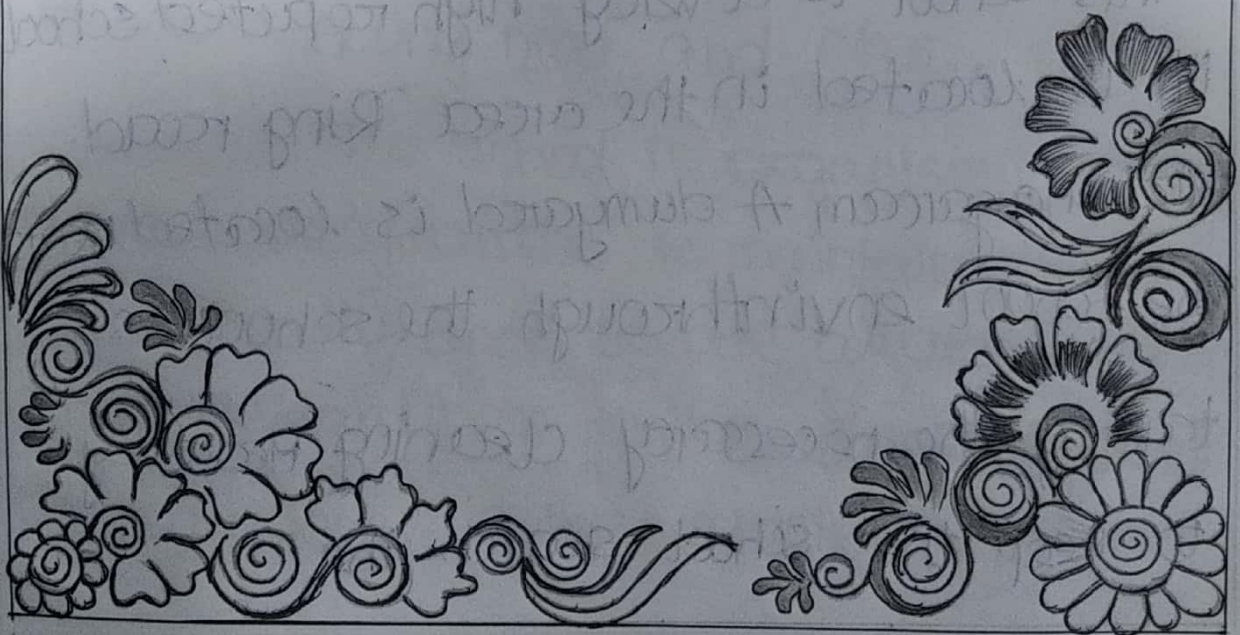
Air pollution affects kids, more than adults because, for the body size, kids breathe more air and spend more time playing in such busy areas.

Motor vehicles produce more air pollution than any other single human activity one full commuter bus can mean 40 less cars going through our neighbourhood.

By keeping all these things in mind let us join our hands to reduce the pollution on our earth.

Air pollution affects kids, more than adults because for the body size kids breathe more air and spend more time playing in such busy areas.

ACTIVITY-2





Conduct a Survey of five high schools and describe the steps to be taken to enhance the environment and make the institution swatch.

I, S. poolmini conducted a survey in five schools. I observed the following things and prepared a report regarding it.

① Name of the school : St George school
Forest city school place : Vizianagaram

This school is a very high reputed school it is located in the area Ring road. Vizianagaram A dumpyard is located near the school environment through the school is taking the necessary cleaning measures to keep the school swatch. the

The management is taking necessary pre-reading to keep the school premises neat and tidy.

the school premises neat and tidy. The school is using bleaching to avoid the smell emitted from the dumpyard.

Daily cleaning activities are being organised by the school. The school is giving special instructions and guiding the students to keep the school and its surrounding neat and clean.

The school is organised Suroch Bhareat programme to maintain the school neatly and create awareness about cleanliness to the students and other personnel in the school.

② Name of the School : St. George School
Place : Vizianagaram

This school is one of the most well known school that is located in the ring road vizianagaram. The school is maintaining a nature friendly environment the school step its efforts and is maintaining a park inside the school. The children are always involved in the activities that in saving the nature.

If we visit the school we find it with many trees and plants and atmosphere the school is kept clean and well maintained by instructions given by the management always the management is conducting a awareness programmes in the case to develop the knowledge regarding the cleanliness.

Forest cleaning programme are being conducted by the environment of the students along with the staff.

The school is taking care and is completely away from the pollution caused by air as many plantation is done inside the school.

The management planned a schedule for each class students for cleaning, plantation, watering programmes. Thus the school is involving the students and staff in all activities and making them to be aware of the uses of nature and trying to maintain the school swatch.



Swachhata Utsav celebrated
by school children

③ Name of the school: St. George School
place: Vizianagaram.

This school is one of the well known school that is located in totapalem vizianagaram. This school is having more than two buildings that are for the class. The management and all the other staff are trying to keep the school and its surroundings neat and clean.

The school is trying to make all the students aware about the surrounding. The students are more aware of environment management that is an attempt to control human impact on and interaction with the environment in order to preserve the natural resources.

Environment education and training is given to the students along with the staff the training included Classification of natural resources, survey and evolution of ecological resources presentation of resources; Conservation of resources.

The training main aim is that environment management is the management of eco friendly development. All plants and animals species are inter connected and depend on the another forming a web of life. Dissections to the connections reduce biodiversity and threaten human health livelihood and survival.

④ Name of the school : St-George School

Place : Vizianagaram.

This is a well known school located near RSB guest house vizianagaram. The school is implementing the Swachh Bharat programme in school and also trying to join the hands of outside to get aware of the programme the students are trying to enforce and make the people aware of the cleanliness students are keeping their efforts to make people aware of this programme in management.

Students with black cards Clean India Green India and etc make people aware about the mission most of the students whatever they learn they immediately share with their parents or with the natives so by this mission is spread to all.

Is integrated in many activities some people role plays are performed bring awareness in the people.

The school mainly focused on Sanitation they declared that Mahatma Gandhi said Sanitation is more importance than independence He made the cleanliness and sanitation as an integral part of the Gandhi an way of living this dream was total sanitation for all.

The concept of Swachh Bharat is to involve every person in it. Sanitation facilities include toilets solid and liquid waste disposal systems village/town. Cleanliness.

The students are bringing about awareness to reduce open defecation open defecation is one of the main causes of deaths of drawback of open

defecation and promotes of tobacco use .

The children are often visiting the area where sanitation and untidy area as and making the people aware of the things what are not thinking to do .

In this way the management is helping the students and staff to involve each and every person in school to make it swatch .

The concept of swatch Bharat is to involve every person in it sanitation facilities include toilet solid and liquid waste disposal system village/town cleanliness .



Cleanliness program by
School students

⑤ Name of the school: St. George school
place: Vizianagaram.

This is well known school which is located in the place madrakam vizianagaram the environment in the school is maintained present. The school is trying to save the environment by programme conducted to the students and by students.

The students is trying to make students aware of using cloth bags instead of using plastic bags the students are involved in programme of video show how the plastic affects the environment by causing land pollution.

The students are made to be aware of the different kinds of pollution like air pollution water pollution and Land pollution.

The students are made aware of other things they should not do avoid different types of pollution.

The school is taking gar ty measures that are most noticable by the students so that the may be aware that good anaben spread this to their elders yurges and other people.

The school is conducting pollution progreams in the school area in the near by the areas of the school the children are made aware of the problems caused by beforces tation and cutting of trees.

ACTIVITY



⇒ Organize a rally in a school where you attend internship on Swatch Bharat and importance of environmental day is 5th June report.

Is padmini prepared a report on the programme Swatch Bharat conducted in the ZP High School, Ramvaram who attend the internship programme.

World environment day (WED)

World environment day occurs on 5th June every year is the United Nations principal vehicle for creating world wide awareness and actions for the protection of our environment. WED has grown to become a global platform of public outreach with participation from less developed countries annually. Each year WED has a new theme that major corporations, NGOs &

them that communities, governments and celebrities world wide adopt of educate environment.

Back ground

World environment day was established by the limited nations General assembly in 1972 to make the repereing of the stohalm Conference adopted by the creation of UNEP It is hased every years by a different city and commemorated with an international exproctch thagh the week of June.

Connecting people to nature"
the theme for the world environment day 2017 impore us to get outdore and into nature to appreciate its beauty and its importance and to take forward the class to perfect of the earth that we share.

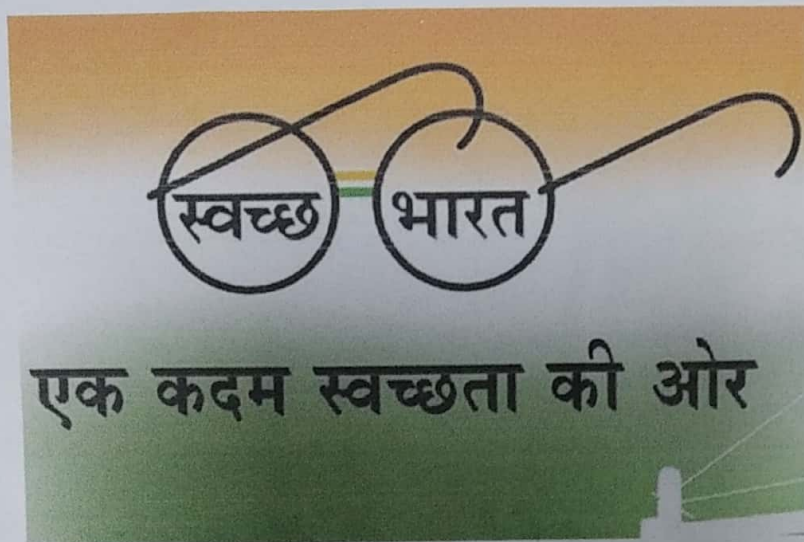
Swatch Bharat Abhiyan (SBA)

Swatch Bharat Abhiyan (Clean India movement) is a campaign by the government of India to clean the streets roads and infrastructure of the countries (1,001) Statuatore eitich and towns.

The campaign was officially launched on 2nd October 2014 at Rajghat New Delhi by Prime Minister Narendra Modi. It's the India's largest ever cleanliness and especially school and college student from all parts of

The objection of Swatch Bharat are to reduce or eliminate open defecation through construction of individual cisterns and community of individual cisterns and community toilets. Swatch Bharat mission.

Will also make an initiative of establishing an accountable mechanism of mechanism of monitoring latrine use.



Swachh Bharat Abhiyan (SBA)



Report

I planned and organised a rally in the school named ZPH school. Ramavaram this programme is conducted in order to bring awareness of the world environment day and the importance of Swachh Bharat Abhiyan programme.

The motto of the WED of 2017 connecting people to nature is taken as the main theme, As a part of this plantation programme by the chief persons students is organized in a planned way. water and measure to the plants is being given as a part of the programme.

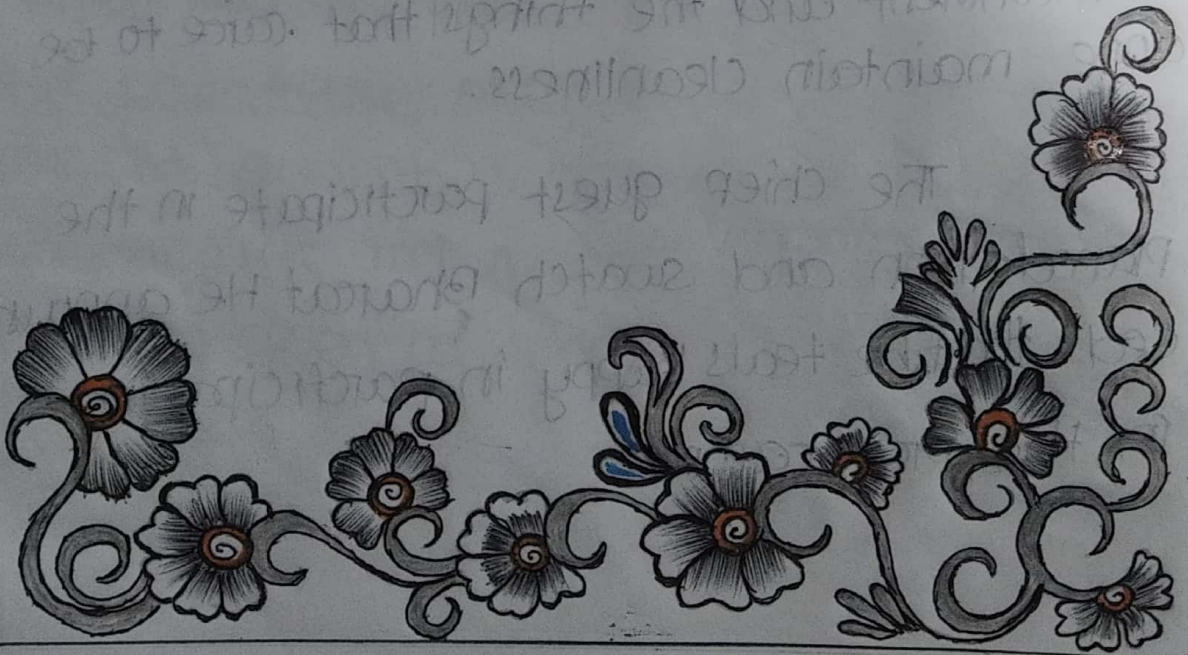
Swatch Bharat is also the other programme organized along with this NED. The students along with the staff are involved in the cleaning programme in the school area and its surroundings.

The municipal chairman pro. club Ramakrishna is invited as a chief guest to the programme. He is involved in the programme and he gave his valuable message to the students and teachers.

The other faculty and students gave their valuable speech in saving the environment and the things that have to be done to maintain cleanliness.

The chief guest participated in the plantation and Swatch Bharat. He announced that he feels happy in participating in the programme.

ACTIVITY



⇒ Conduct education and essay writing competition for students on environmental issues and report

I.s padmini conducted educational and essay writing competition for the students is environmental issue like Air pollution water pollution and land pollution in the education competition. these are the list of students who participated in the education competition.

(1) Name of the school; ZP High school

Name of the students: Lashwanth Rao

Participated competition: Essay

Place: Virianagar

Divya is a student participated in the education competition. she selected the topic Air pollution Below are the points highlighted by her.

Highlighted points :

- 1) Air pollution is of the two different types of Air pollution is a mixture of nature and manmade substance in the air we breathe.
- 2) First is pollution we can resolve it by making sure that a building is well ventilated cleaned regularly to prevent the build up of agents like dust and mold.
- 3) Second is outdoor pollution and can be reduced by checking ones air quality index avoiding heavy traffic when possible and avoiding second hand tobacco smoke.

② Name of the student : K. Shubhalaxmi
Name of the school : Vignana Bharathi High School
participated competition : Essay
place : Vizianagaram

This student participated in clean competition with water pollution as the topic these are the high lighted points maintained by him:

① On a human level several people die each day due to consumption of polluted and infected waters.

② As per the economic report every day over 1,000 children die of diarrhoea a sickness in India and the numbers have only increase alarming in the last five years.

③ The storage and waste water that is produced released into sea with fresh waters

④ Name of the student: P. Vanilla Rao

Name of the school: Geethanjali Highschool

participated competition: Essay

place: Vizianagaram

she is a student selected for

pollution as a topic for education.

She is a student selected Air pollution as a topic for education competition these are the points highlighted by her.

- ① Air pollution occurs when harmful substances including particles and toxic gases are introduced into earth's atmosphere.
- ② Pollution of major public health concern include particulate matter carbon monoxide ozone, nitrogen dioxide and sulphur dioxide.
- ③ Household combustion devices motor vehicles industrial facilities and forests fires are common sources of air pollution.

⑤ Name of the student: Adarsh Reddy

Name of the school: M.R. Model
high school

participated competition: Essay

place: Vizianagaram

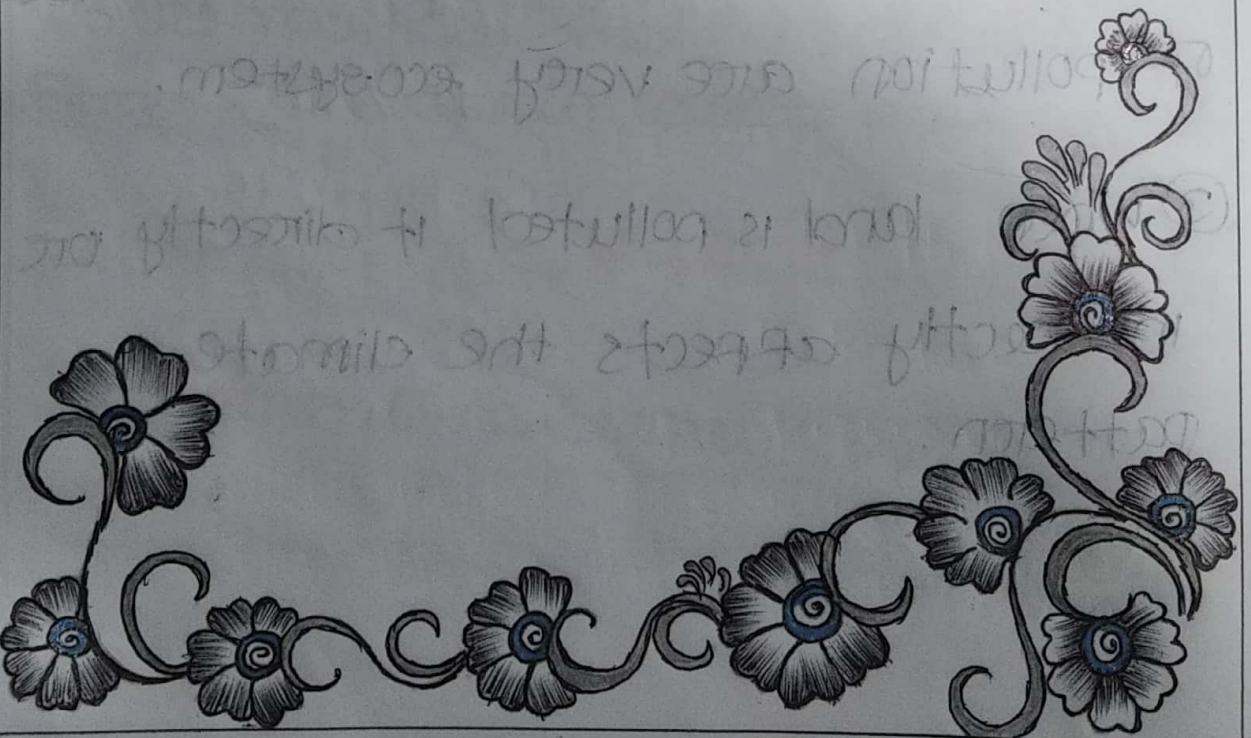
He is a student participated in education competition with topic land pollution and below are the highlighted points.

① Soil pollution is another form of land pollution where the upper layer of soil is damaged.

② The effects and can lead to the loss of pollution are very ecosystem.

③ When land is polluted it directly or indirectly affects the climate pattern.

ACTIVITY 5



⇒ Make a list of students who participate in the essay writing competition.

① Name of the student: T. Rama Rao

Name of the school: M.P.L. High school

Place: Vizianagaram

① Volcanic eruption, earth quakes, Tsunami etc are known to alter water and contaminate it also affecting ecosystems etc. that survive find water.

② Industrials produce large amounts of waste which contains toxic chemicals and pollutants which can cause air pollution and damaged to air and our environment.

③ Fossil fuels like coal and oil when burnt produce substantial amount of ash in the atmosphere.

2) Name of the student: Arjun Rao

Name of the school: St. Mary's High School

place: Vizianagaram

① Land pollution in other words means degradation or destruction of earth surface and soil directly or indirectly or a result of human activity.

② The extension of cities and towns due to increasing pollution is leading to further expansion of the land.

③ Over use of these chemicals result in the contamination and poisoning of soil.

③ Name of the school: BPM High School

Name of the student: K. Venkatesh

place: Vizianagaram

He participated in essay writing competition and below are the highlighted points.

① Swimming and drinking contaminated water causes skin rashes and health problems.

② Water pollution causes flooding due to accumulation of solid waste and soil erosion in streets and rivers.

③ about 700 million people globally drink contaminated water.

④ Name of the student : S. Lalitha

Name of the school : Gurajada Public School

Place : Vizianagaram

He participated in essay writing competition. He selected the topic Air pollution and below are the highlighted mentioned by him.

① The polluted air emitted from vehicles causes irritation to eyes, nose and throat and upper respiratory infections such as Bronchitis and pneumonia can be effected.

⑤ Name of the student : P. Narasimha Rao
Name of the school : Vignana Bharathi School
Place : Virudanagar

She participated in essay writing competition with a selected topic of land pollution. She performed well and below are the highlights mentioned by her.

① Garbage like aluminium, paper, plastic, clothes, wood etc. are collected and cannot be regulated, become a part of landfills that humper the beauties of the city and causes land pollution.

② To meet the demand of the growing population, more industries were developed which led in deforestation.

