

Better Spoken English
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Lecture No. # 27
Student Presentations III

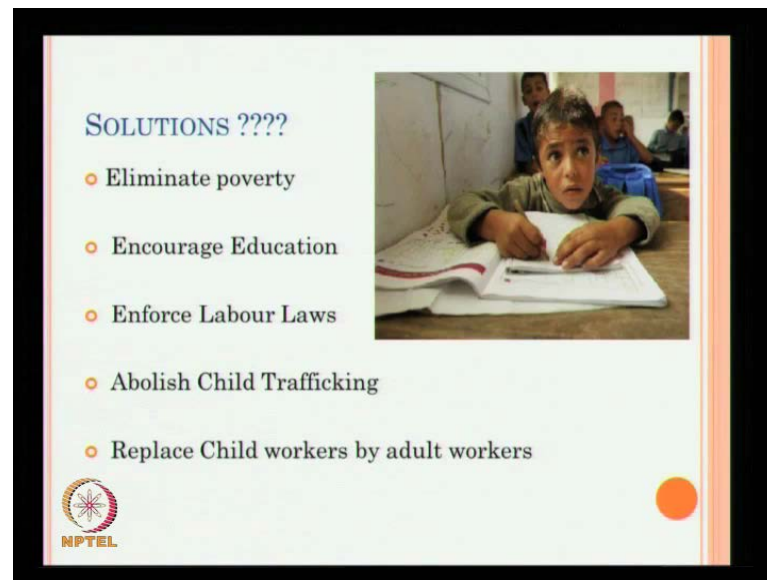
Hi everybody, I am Aswini, my roll number is EE09B065, I am going to say a few topics regarding how to stop child labour.

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In India children are appointed in different industries, these industries recruit children from work, this has to be stopped immediately. These children work 12 hours a day, they have neither sleep nor sufficient food. Parents are forced to send their kids to work due to poverty; these children are called to work in countries, which are indebted to world bank to reduce expenditure.

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SOLUTIONS ????

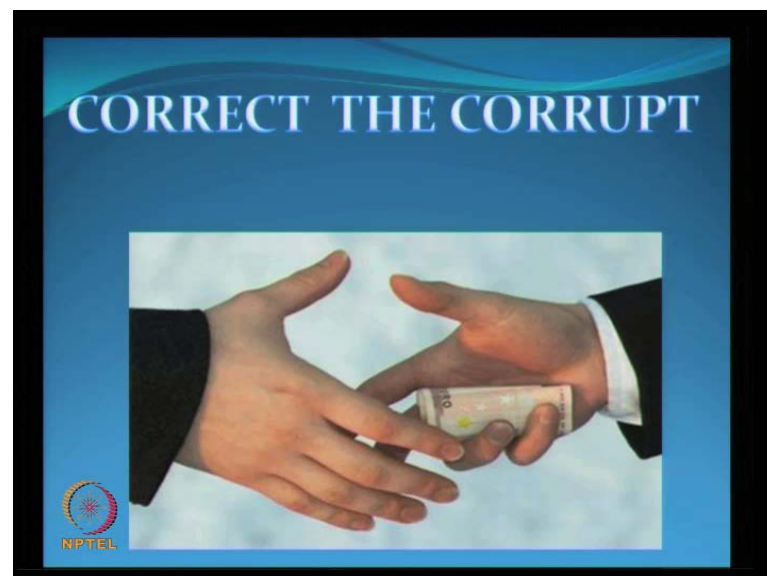
- Eliminate poverty
- Encourage Education
- Enforce Labour Laws
- Abolish Child Trafficking
- Replace Child workers by adult workers

The slide features a photograph of a young child sitting at a desk, looking up with a concerned expression. The NPTEL logo is visible in the bottom left corner.

This adjustment led to increase poverty and child labor. The government has to take major actions and social responsible manner to put an end to child labor. Children should be compelled to go to school, some countries have compulsory schooling and provide free education. There are adults who earn money by buying and selling children. The government of all countries must take action against trafficking. Some non government organizations protect the children by guaranteeing them, thank you.

Good morning everybody, I am Irfan Habib, my roll number is AE10B041.

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CORRECT THE CORRUPT

The slide features a photograph of two hands; one hand is offering a banknote to the other. The NPTEL logo is visible in the bottom left corner.

Today, I am here to suggest, some ways to remove corruption from our society.

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Jeep Purchase (1948)	- 80 Lakhs.	IPO-Demat scam (2005)	- 146 Crores.
SHU Funds (1956)	- 50 Lakhs.	Bihar flood relief scam (2005)	- 17 Crores.
MUNDHRA SCANDAL (1957)	- 1.25 Crores.	Scorpene submarine scam (2005)	- 18,978 Crores.
Teja Leane (1960)	- 22 Crores.	Punjab's City Centre project scam (2006)	- 1,500 Crores.
Kue Oh Deal (1976)	- 2.2 Crores.	Taj Corridor scam (2006)	- 175 Crores.
NDW Commissions (1987)	- 20 Crores.	Pune billionaire Hassan Ali Khan tax default (2008)	- 50,000 Crores.
Belars Pay-Off (1987)	- 85 Crores.	The Satyam scam (2008)	- 10,000 Crores.
SE Kites Forgery (1989)	- 8.45 Crores.	Army ration pilferage scam (2008)	- 5,000 Crores.
Airbus Scandal (1990)	- 2.5 Crores per week.	The 2-G spectrum swindle (2008)	- 1,76,000 Crores.
Securities Scam (1992)	- 5000 Crores.	State Bank of Saurashtra scam	- 95 Crores.
Indian Bank Rip-off (1992)	- 1300 Crores.	Illegal monies in Swiss banks, as estimated in 2008	- 71,00,000 Crores.
Sugar Import (1994)	- 650 Crores.	The Jharkhand medical equipment scam (2009)	- 130 Crores.
J&S Bribe (1995)	- 1.2 Crores.	Rice export scam (2009)	- 2,500 Crores.
In a Pickle (1996)	- 10 Lakhs.	Orissa mine scam (2009)	- 7,000 Crores.
Telecom Scam (1996)	- 1.6 Crores.	Madhu Koda mining scam (2009)	- 4,000 Crores.
Fodder Scam (1996)	- 950 Crores.	Commonwealth Games Scam(2010)	- 40000 Crores
Urea Deal (1996)	- 133 Crores.		
CRB SCAM (1997)	- 1000 Crores.		
FANISHING COMPANIES CAM (1998)	- 330.78 Crores.		
PLANTATION COMPANIES CAM (1999)	- 2563 Crores.		
TAN PAREKH SCAM (2001)	- 137 Crores.		
Stockmarket Scam (2001)	- 1,15,000 Crores.		
Home Trade Scam (2002)	- 600 Crores.		
Stamp Paper Scam (2003)	- 30000 Crores.		

TOTAL VALUE OF MONEY MADE THROUGH CORRUPTION
910603234300000/-

This picture shows the depth of corruption in India, it is a total amount of money made through corruption from 1948 to 2010, it is a 15 digit number it shows the crucial need to abolish corruption from our society. The root cause of corruption is lack of transparency in every field, there should be a provision to make acts like, right to information act and through computerization, we can reduce the number of people involved in financial transaction, it can also be more secure and effective control of government processes.

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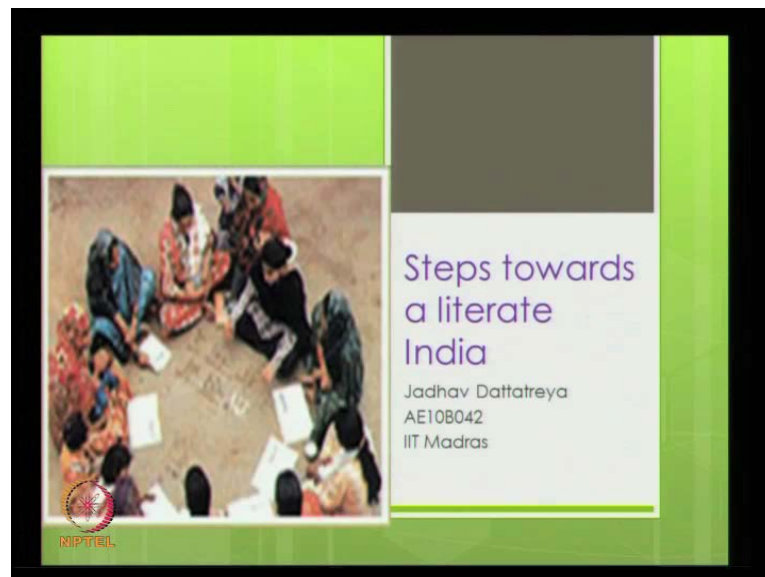
Solutions for Corruption

- Transparency of processes in every field
 - Ex:- Right to information act
- Computerization
- Effective control of government processes
- Proper counseling and awareness among the people

And we can make people aware of corruption by proper counseling, we should support anticorruption government organizations like ACB and CBI. And another effective way of spreading messages is, we can use media for spreading messages and actions against corrupt politician should be taken. And implementation of strict laws can also help reduce corruption and I want every one of you to be a part of this mission, thanks for listening.

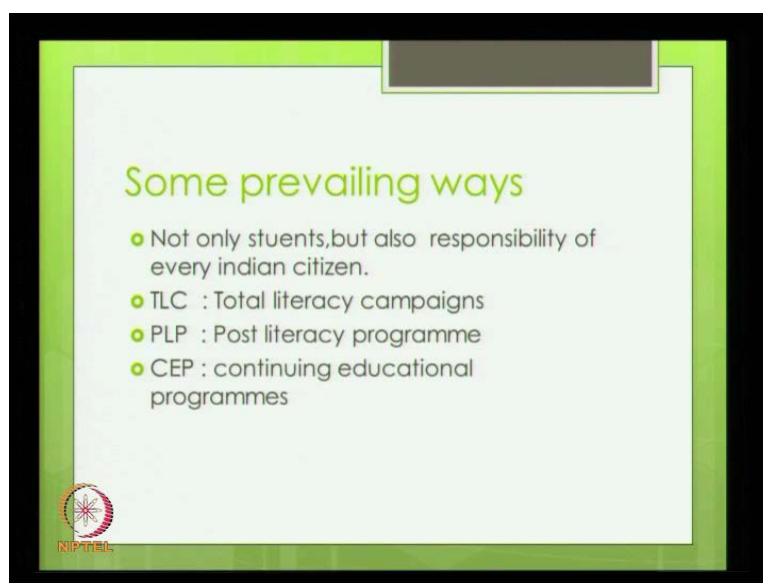
Good morning everybody, my name is Jadhav Dattatreya and my roll number is AE10B042.

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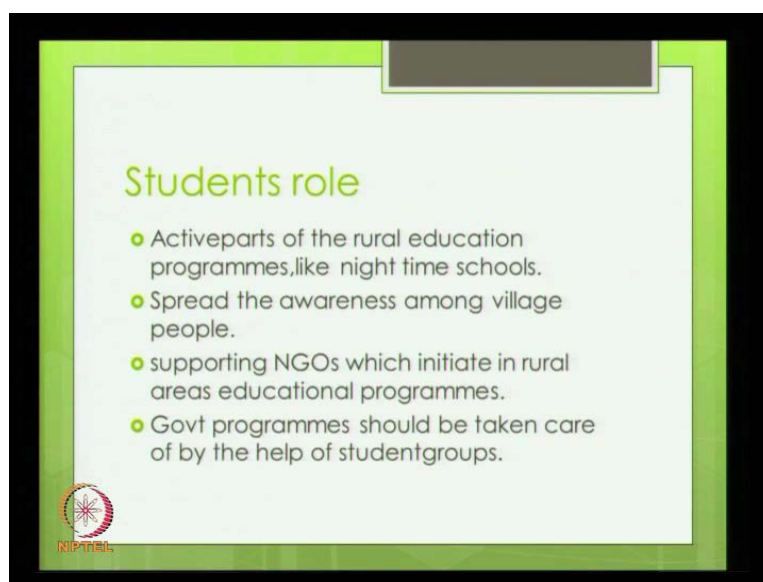
In the last presentation, I have put forward some of the points regarding illiteracy in India and today, I am here in front of you to suggest some ways towards illiterate India and with some steps towards literate India. First of all we should understand illiteracy as a basic problem in India not only the students, but also every citizen should understand this depth of the problem. Government of India has some provisions which are prevailing to demolish this illiteracy from India.

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As you can see from the screen, I have mentioned some of the policies of the government of India, leaving government aside what as students, what we can do for this problem.

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During our holidays, we should be active parts of the programs like night education programs Sarva Shiksha Abhiyan by the government of India and also especially among the village people we should spread awareness, almost many of us are from villages, this helps to abolish illiteracy from villages most. Supporting NGOS initiate the rural, rural,

which initiate rural irrigation programs also for financial assistance, we can consult, thank you.

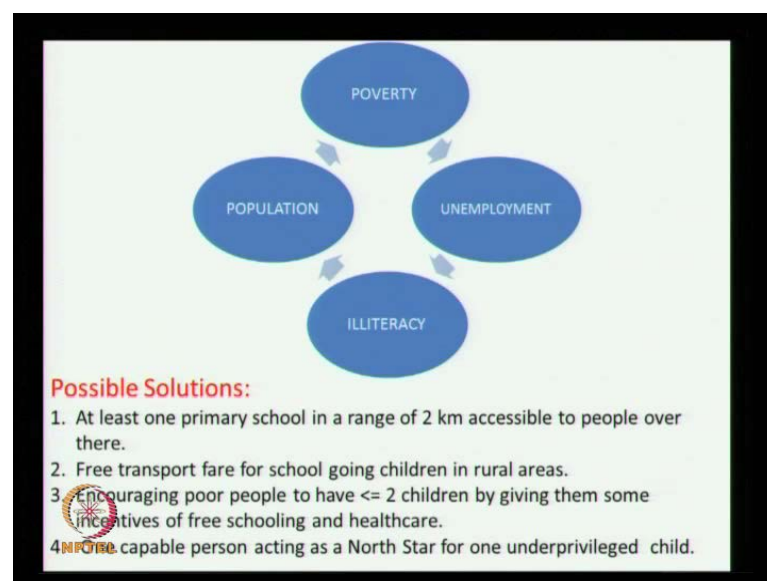
A very good morning to all of you, I am Aman Kumar my roll number is BT10B003.

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Today, I am going to talk about the managerial solution for the topic which, I dealt in the last presentation poverty; as we can see that poverty, population, unemployment, illiteracy all are correlated with each other.

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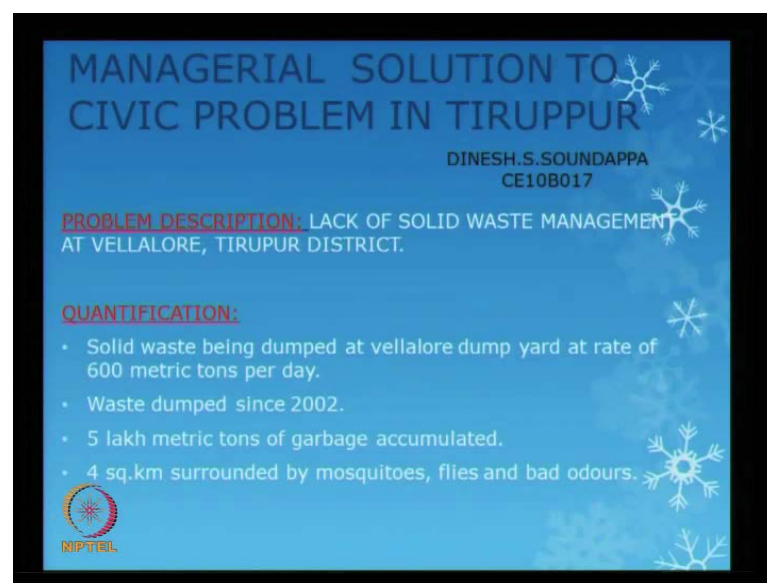


So, if we put a break at any of these stages, then we can in some manner eradicate poverty from our life. So, at the population stage, if we encourage people to have two oldest children by giving them some incentive of free schooling and health care, this way we can control over population and for the illiteracy part, we can have one primary school in a range of 2 kilometer which was done in Kerala.

But we can have different number of policies and schemes, but at the end of the day the thing which, matters is a helping hand from your side, which is what these children are waiting for. The message from my side is that we should take a step ahead and try to be a north star for this children and because helping hands are better than paying hands, thank you.

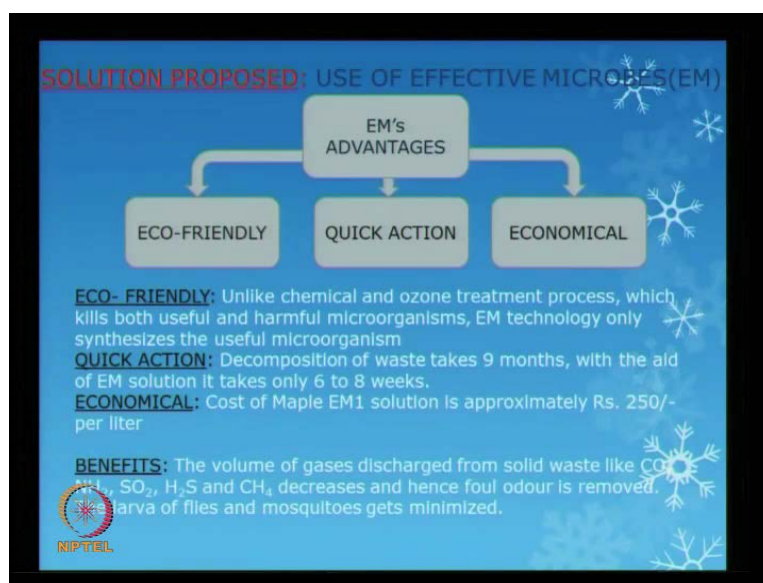
Good morning ladies and gentlemen, I am Dinesh Soundappa and my roll number is CE10B017.

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The problem at Tirupur is improper solid waste management at vellalore dump yard, waste is being dumped at the rate of 600 metric tons a day and it started since 2002 and now 5,00,000 metrics tone of waste has accumulated here.

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The solution to this problem proposed, is use of effective microbes, this is a eco friendly method, economical method and also quick in action. Here, generally 100 meter cube of waste takes 9 months to decompose, but with the help of effective microbes it just takes about 6 to 8 weeks and looking on to the numbers its cost 250 rupees a liter and when you use it for a year it is about 7,50,000 rupees a year, which is much lesser than the normal waste disposals methods which is being used. And this solution was put forth by a NGO called Siruthuli at Coimbatore district and it is being passed by the government before past 3 before 3 months and I hope to see positive results in this issue, thank you.

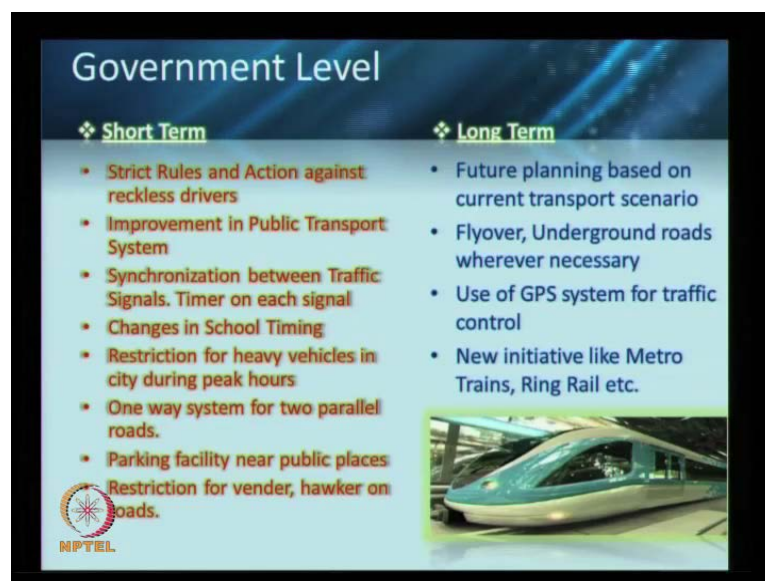
Respected sir, my dear friend good morning, I am Kalpesh my roll number is CH10D008.

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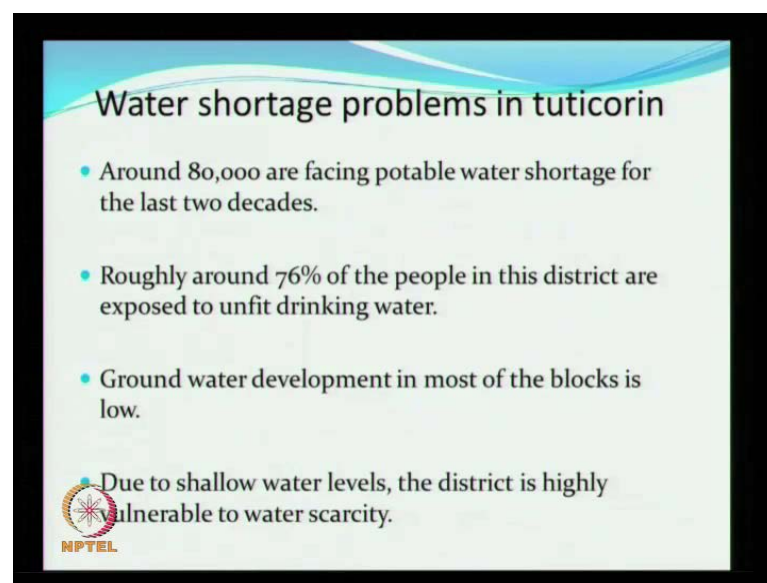
Today, I will talk about managerial solution to traffic problem in Pune; the problem should be solved at a government level and individual level. Individual level (()) should follow the traffic rule and they should maximize the use of the public transport system, it will reduce the more than 50 percent of the traffic problem. Here is a one quote Better Be Mister Late than Late Mister. Next is at the government level, government here are some ideas that government can implement.

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Government should improve their public transport system, next is a school timing, the school timing should be changed, so that there should not be a clashes between the office time and the school timing. Next is a there should be a parking facility near the public places and in long term, term long term planning the government should analyze the current transport scenario and and based on that they they should should plan for the future and the new initiating this should implement the new initiatives like a metro trains, ring rail etcetera. And finally, we should everyone personally to reduce the to reduce the a traffic a traffic problem as each pins count.

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Good morning respected sir and my dear friends, my name is Vimal and my roll number is CH10B073. These are the problems which I mentioned in my last presentation, when I discussed these problems with some officials in municipal corporation of Thuthukudi, they informed me that a desalination plant is being currently setup to solve these problems.

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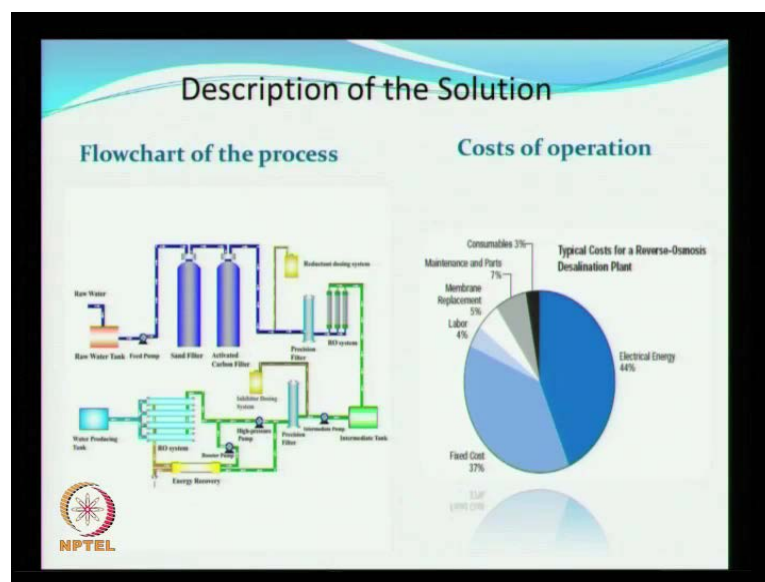
Solution to this problem

- The most feasible solution to this problem is setting up a desalination plant in tuticorin.
- Each day the plant can supply up to 5 million litres of water.
- Desalination can produce high quality and reliable drinking water.
- This plant is currently being set up by Coastal Energen at a cost of Rs 4,500 crore.



This plant will have the capacity to supply 5 million liters of reliable and high quality water per day, this plant is being setup at a cost of around rupees 4500 crores and this plant is the most feasible solution to solve this problem.

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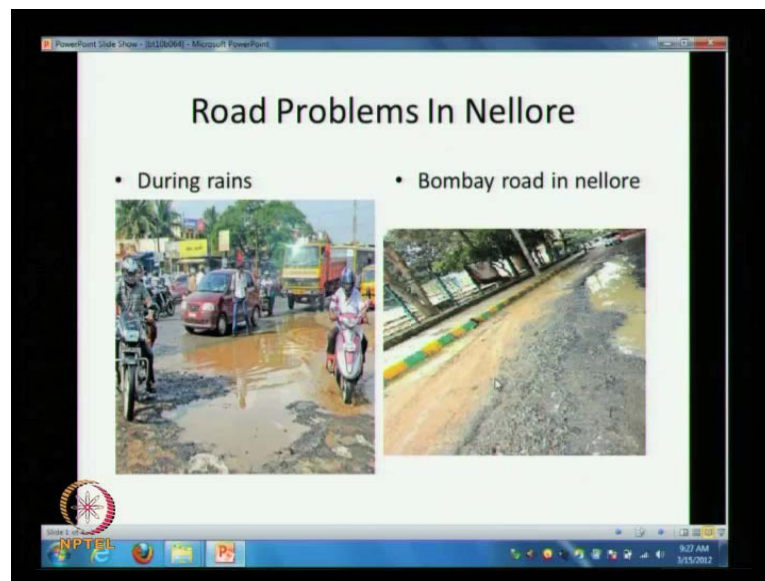


A flow chart of the process is shown in the slide along with the cost of operation, around 44 percent of the total cost is used up in supplying electricity to this process. Hence, critics believe that, this will result in an increase in the green house emissions. However, the company has assured that this can be reduced by purchasing carbon credits and also

by supplying electricity from clean sources, this plant is expected to be fully functional by 2013, this plant was actually passed in 2010, but the government had delayed it due to some pollution control issues. However, since now it is passed and we can be assured that it will be fully functional by 2012, thank you.

Good morning friends my name is Sheik Jainuthin, my roll number is BT10B064.

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In my last presentation I discuss about road problems in Nellore, so, these are some roads during rains and also Bombay road in Nellore.

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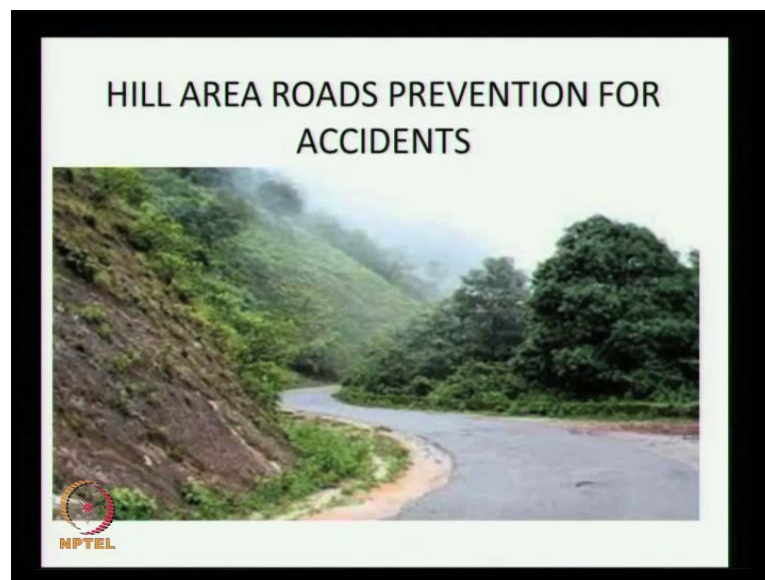


So, actually one of the major problems in Nellore to spoil this road are is Krishnapatnam port, because Krishnapatnam port is constructing a in Nellore from 10 kilometers from Nellore. So, these are one metal road, which is outside of the Nellore, so, these heavy loads are carrying material to construct this Krishnapatnam port, they are travelling through city, so when they are travelling these heavy heavy loads due to these heavy loads overall eighty to ninety lorries and also heavy trucks are travelling from the city, so this makes all traffic and also problem for road.

So, that is why they, what I am like to say to my local leaders is to construct this roads, this not use the people along, but the content of this roads which is almost a ten kilometer road, so, one lorry takes almost all 30,00,000 budget and it takes time period three months. So, when we when we construct this then lorries are going through these metal roads.

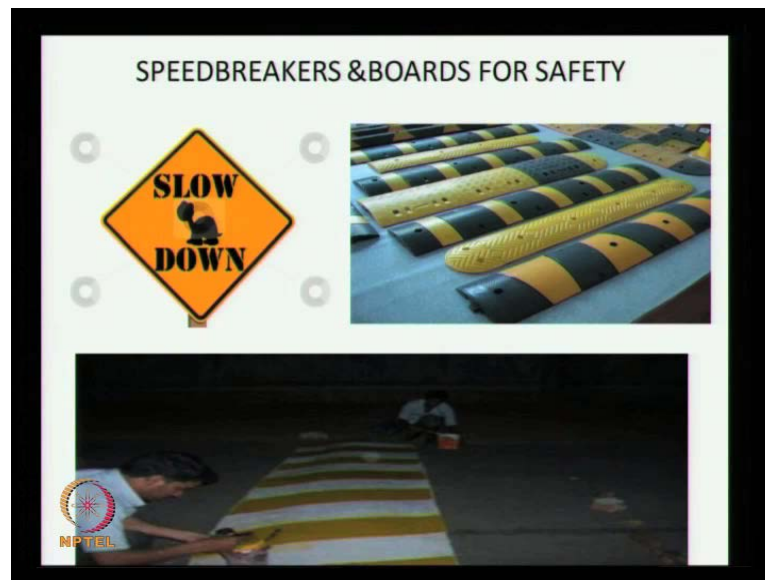
Very good morning to all respected sir and my friends, my name is M Manoj my roll number is BT10B057, today I am here to tell about the road accidents occurred in my place.

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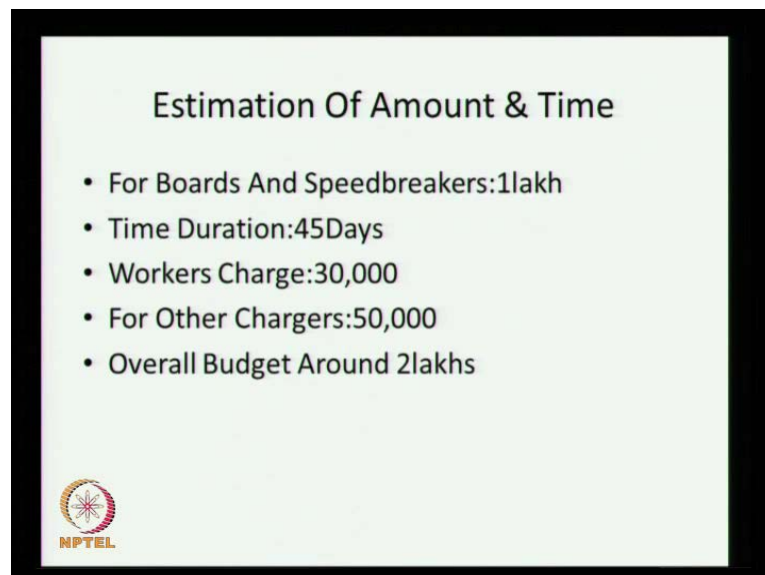
Last time I discuss about the road accidents how it occurs in my place, in in my area there are the roads are very inconvenient in the hill areas its very close, two vehicles can not cross each each vehicle.

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So, my view is to reduce the road accidents in my area by keeping some boards like this and some of speed breakers in where are the place it needed and most of the places are very curve areas. So, they cannot see the vehicles which are coming from the other side. So, I planned to fix some of the boards and the speed breakers around the road.

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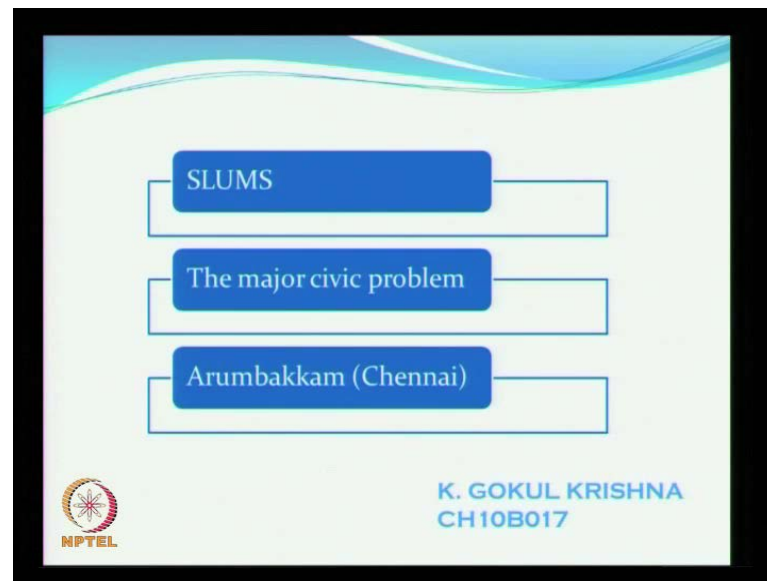


And that my estimation of amount of amount and the time is the boards and the speed breakers cost 1,00,000 and the time duration is 45 days and the workers charges 30,000

and the for other charges are 50,000, overall budget around 2,00,000, it is very easy to construct and thank you.

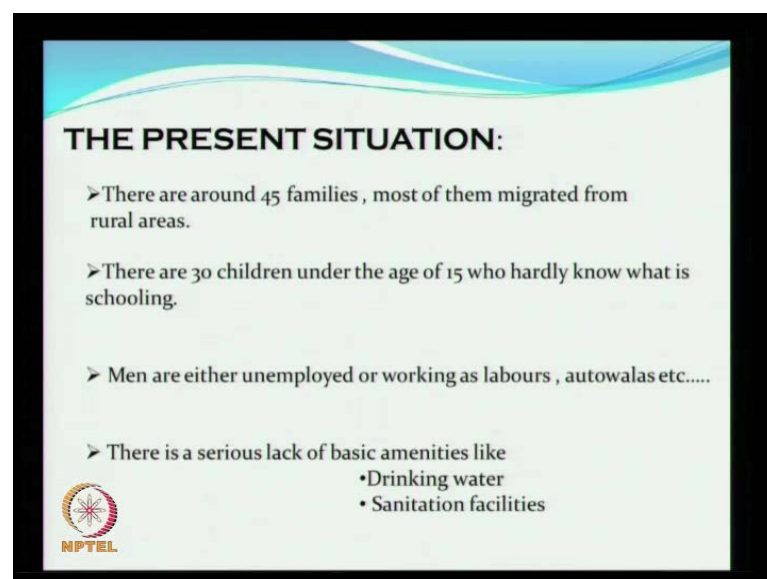
Ladies and gentlemen a very fine good morning and myself, Gokul my roll number CH10B017.

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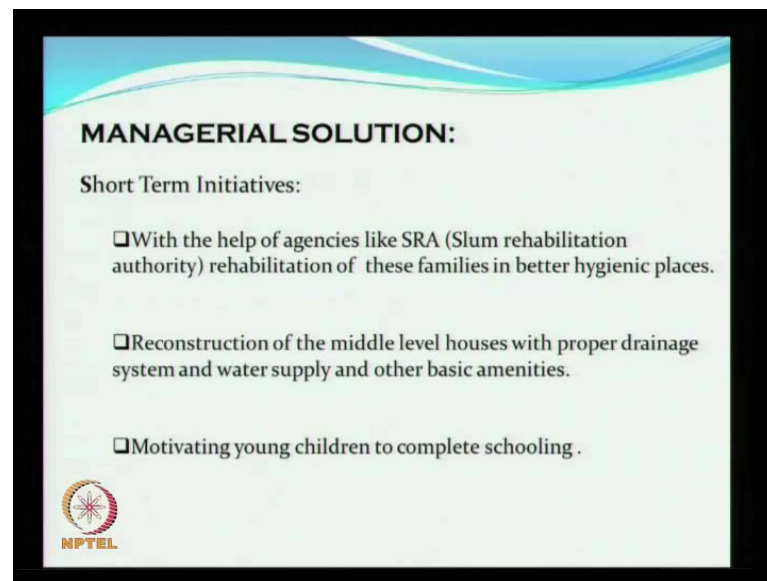
Today am here to put upon a managerial solution for the major civic problem in my area slums; slums are habitations located on disputed government and municipal lands and are characterized by serious lack of basic amenities.

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And when I visited my area the present situation, they were around 45 families and most of them migrated from rural areas and there are 30 children where under the age of 15 who hardly know what is schooling. Men or either unemployed are working as labors auto valas etcetera and there is serious lack of basic amenities like drinking water, sanitation facilities etcetera.

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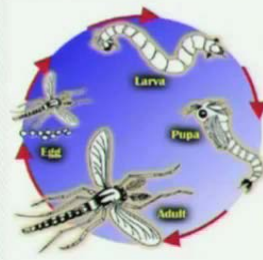


And the solution which I have come up with is the short term initiatives are with the help of agencies like SRA, Slum Rehabilitation Authority, rehabilitation of these families in better hygienic places and then the construction of the middle level houses with proper drainage system, water supply and other basic amenities and motivating young children to complete schooling this is the most important thing. And the long term initiatives development of industrial sites in small towns, so that people do not migrate from rural areas and improvement in local transportation in metro cities, so that these people can spread out rather than accumulating in the production centers. And encouraging agriculture in small scale industries in rural places; so these are solutions have come up with hope this will happen, thank you.

Hi friends good morning to everyone, my name is Ranjith and my roll number is BT10B070, today I want to discuss about the problem disease carrying mosquitoes.

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- ❖ Worldwide , mosquito-borne diseases kill more people than any other single factor.
- ❖ Mosquitoes can be carriers of MALARIA, YELLOW FEVER, DENGUE FEVER in humans etc.
- ❖ Stages of mosquito life-egg, larva, pupa and adult.
- ❖ At one time mosquito lays 100 to 300 eggs and an average of 1,000 to 3,000 eggs during their life time.
- ❖ Egg, larva and pupa, these stages need stagnated water sources.



Worldwide mosquito borne diseases mostly kill the people than any other single factor. Mosquitoes can carry disease like malaria, yellow fever, dengue fever which is the most one in humans. The stages of mosquito life are egg, larva, pupa and adult these mosquito one mosquito at one time can lay up to 100 to 300 eggs and in an average of 1,000 to 3,000 eggs, egg larva and pupa these three stages needs stagnated water resources and this is the life cycle of the mosquito.

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INCREASE IN MOSQUITO POPULATION IS DUE TO:



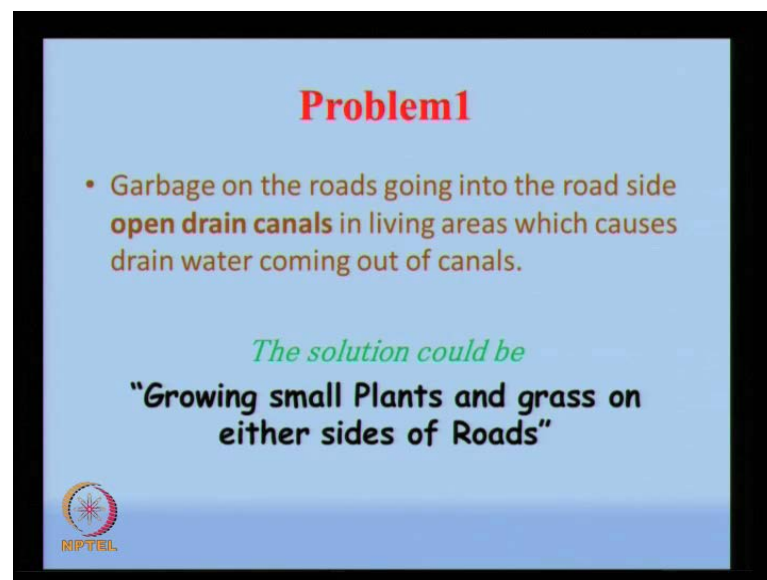
- 1) POOL WATER
- 2) DRAINAGE
- 3) STAGNATED WATER IN TUBS AND POTS.



For the increase of mosquito population these are the causes, stagnated pool water, drainage it is the most important thing and stagnated water in tubs and pots due to the rain water. The remedies are by controlling the stagnated water, by removing the stagnated water we can control the mosquito population, the main is spraying oil or kerosene which is the cheapest in the on the stagnated water, so that it can control it will kill the lava and some lava stage like BTI soil bacterium kills lava, DTC, DTT is the cheapest of all the insect insecticides, thank you.

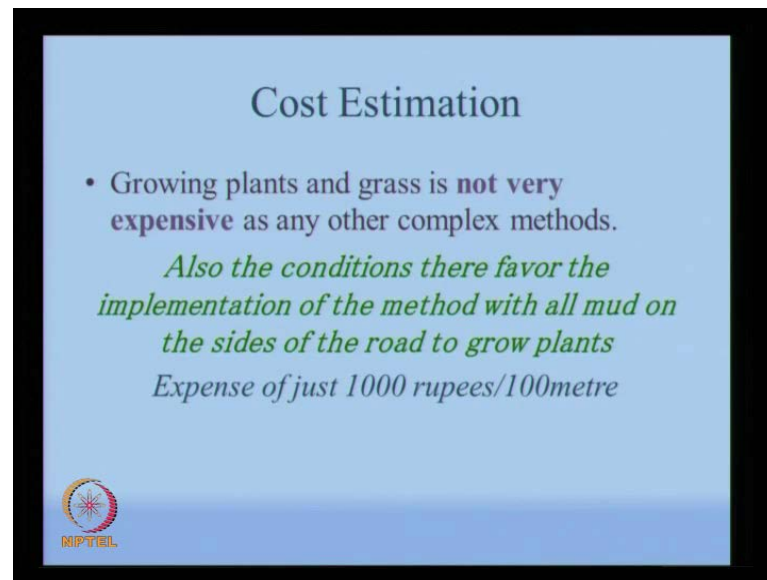
Good morning to everyone, my name is Manoj my roll number is CE10B020, now I am to discuss small solutions for the problem garbage in my home town, here comes the first problem, solid waste passes into the open drain canals, blocking the floor.

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Growing small plants and grass might effectively work in blocking the solid waste to going to the canals and it also improves the greenery, coming to the next over usage of plastic bags it could be the reduced through the promotion of biodegradable bags by improving their designs.

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Cost Estimation

- Growing plants and grass is **not very expensive** as any other complex methods.

Also the conditions there favor the implementation of the method with all mud on the sides of the road to grow plants

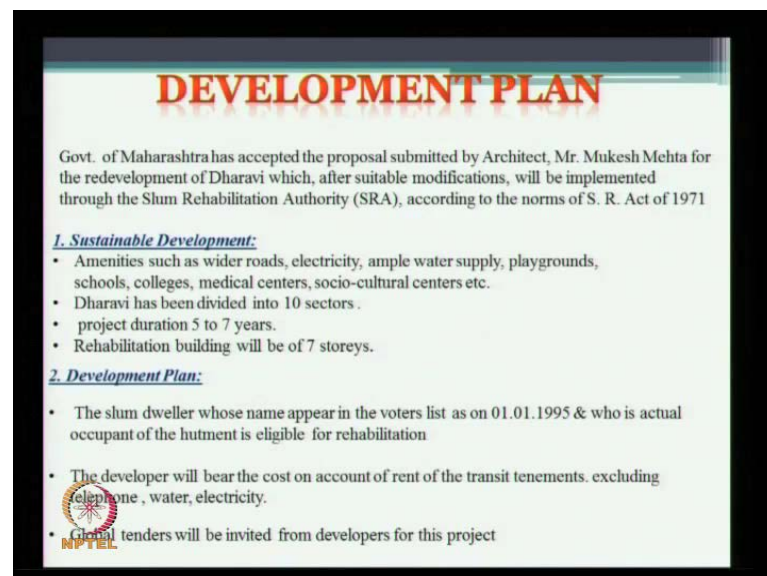
Expense of just 1000 rupees/100metre

 NPTEL

Cost estimation it is pretty easy and cheap to implement, the conditions there favoring this method and it could be done easily with expenses of just rupees 100, rupees 1,000 per 100 meter, thank you.

Good morning and ladies and gentleman and respected sir, today I am going to, I am Sithesh and my role number is CE10B079; today I am going to talk about the managerial solution that is been implemented for the redevelopment of the slums in Mumbai city which is the major civic problem faced by the city.

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DEVELOPMENT PLAN


Govt. of Maharashtra has accepted the proposal submitted by Architect, Mr. Mukesh Mehta for the redevelopment of Dharavi which, after suitable modifications, will be implemented through the Slum Rehabilitation Authority (SRA), according to the norms of S. R. Act of 1971

1. Sustainable Development:

- Amenities such as wider roads, electricity, ample water supply, playgrounds, schools, colleges, medical centers, socio-cultural centers etc.
- Dharavi has been divided into 10 sectors.
- project duration 5 to 7 years.
- Rehabilitation building will be of 7 storeys.

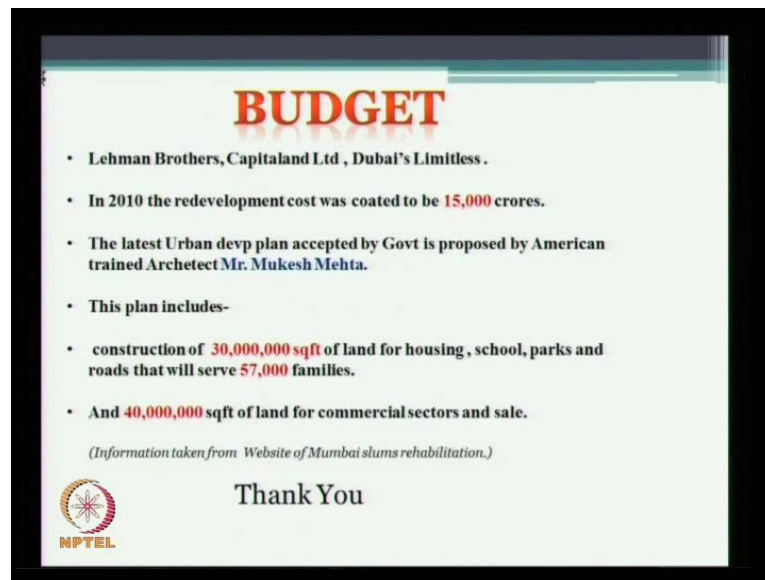
2. Development Plan:

- The slum dweller whose name appear in the voters list as on 01.01.1995 & who is actual occupant of the hutment is eligible for rehabilitation
- The developer will bear the cost on account of rent of the transit tenements. excluding telephone, water, electricity.
- Global tenders will be invited from developers for this project

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The government of India or the government of Maharashtra, has accepted the proposal submitted by architect Mukesh Mehta under the norms of slums rehabilitation authority 1971, for the sustainable development the amenities such as wider roads, electricity, ample water supply, schools, colleges and medical centers will be provided, The Dharavi plot has been divided into 10 sectors and each sector will be developed by different developer, the expected time duration of the completion of this project is about 7 years, 5 to 7 years. Under this plan the slum dweller whose name appear in the voters list of first January 1995 and is actual occupant of the is eligible for the rehabilitation. The developer will bear the cost of the rent of the transit tenements, the budget of this plan as estimated in the year 2010 is about 15 crore, 15,000 crores.


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BUDGET

- Lehman Brothers, Capitaland Ltd, Dubai's Limitless.
- In 2010 the redevelopment cost was coated to be 15,000 crores.
- The latest Urban devp plan accepted by Govt is proposed by American trained Archetect Mr. Mukesh Mehta.
- This plan includes-
- construction of 30,000,000 sqft of land for housing, school, parks and roads that will serve 57,000 families.
- And 40,000,000 sqft of land for commercial sectors and sale.

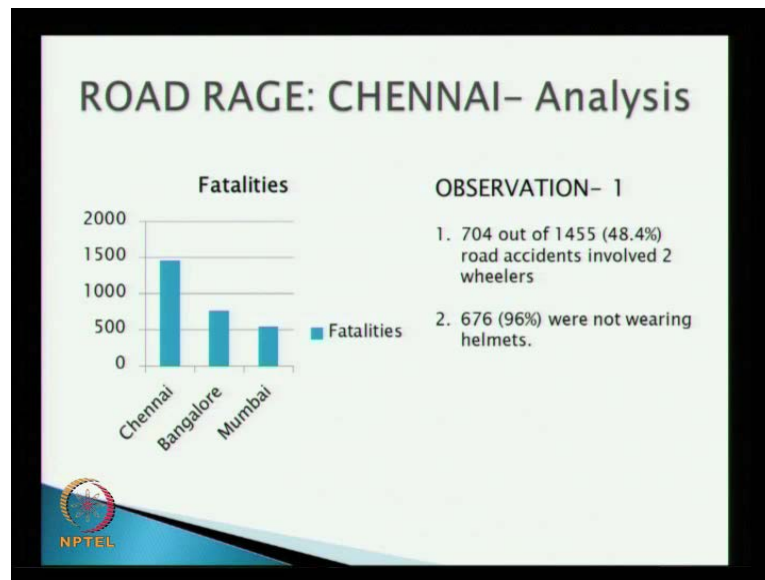
(Information taken from Website of Mumbai slums rehabilitation.)

 Thank You

And a plan is proposed by a Mr. Mukesh Mehta, this includes the construction of 30 millions square feet of plan, thank you friends.

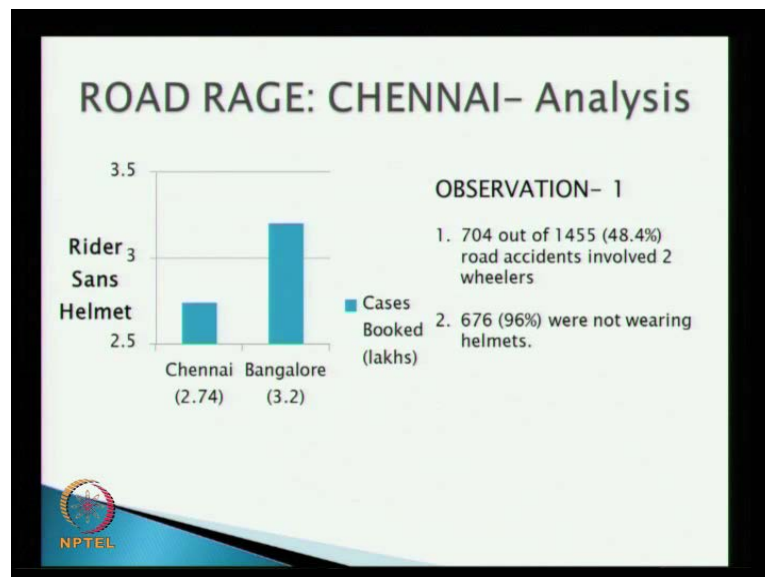
A very good morning to all of you, I am Sidhdarth Gupta role number CE10B073, today I am going to propose a solution to the road rage relevant to Chennai.

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In the year 2011 about 1455 people lost their lives on roads in Chennai, further analysis by me has led to the following observations. Firstly, about half of the people who died in road accidents were riders of two wheeler vehicles and almost all of them would not be wearing helmets.

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And the bigger thing, that Bangalore which has about half the road accidents had most cases booked for riders not wearing helmets as compared to Chennai, there is a clear gap between writings and practice.

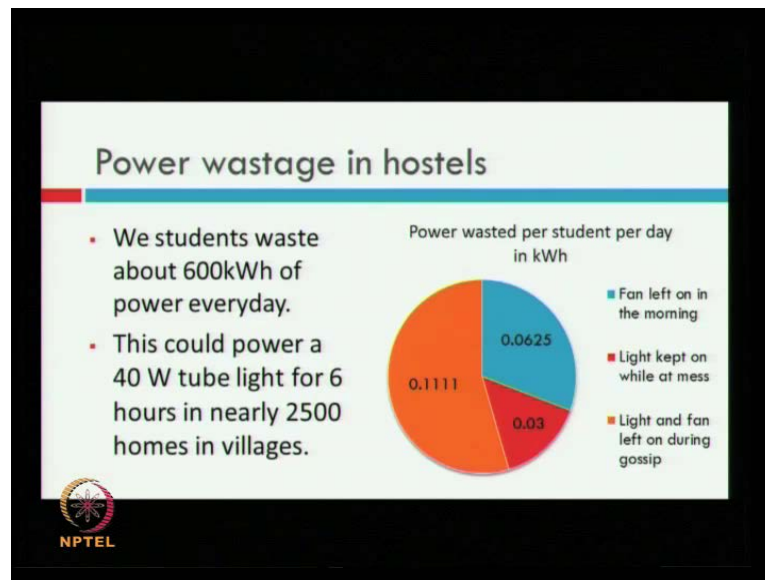
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A solution to this can be using a real time electronic offence recording system, in conjugation with presently existing technologies such as CCTV cameras, speed guns, etcetera. Another surprising figure which came to sight was that the road accident in Chennai to concentrated largely on 23 roads, about 47 percent of the total accidents where on roads such as Anna Salai, inner ring road, etcetera, I analyze the cost required for a repairs of these roads and flyover 74,000 rupees for a fraction of 57 crores.

Good morning ladies and gentleman my name is Nishanth and my role number is EE10B068, I am here to present a solution to the problem of power wastage in hostels, we students waste about 600 kilowatt hour of power every day.

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And most of the power is wasted in when people go out of the rooms to gossip with their neighbors. My solution to this is have a push button switch located at the door latch, so that whenever the door is latched from outside the power inside the room is shut down, all it requires is two wires that connect to the switch board for the tube light and the fan. The cost, the total cost implemented that is required for this electrical components is 120 rupees per room.

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The total expenditure

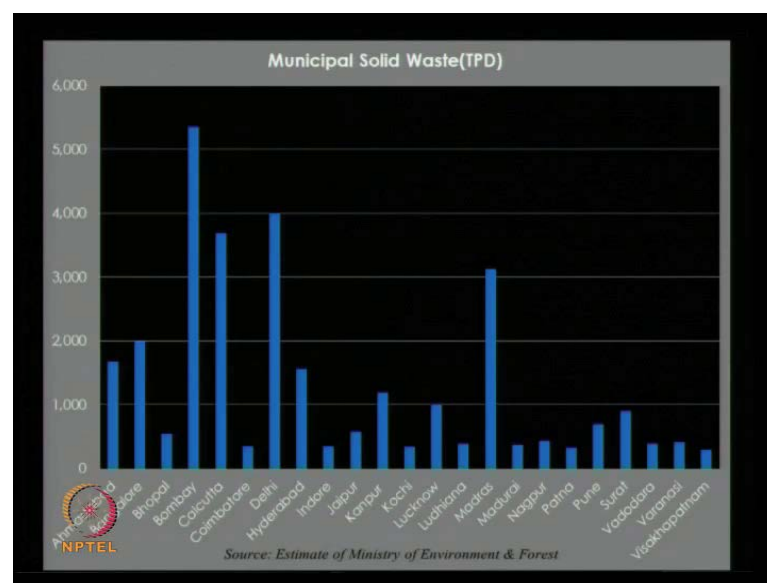
ELECTRICAL COMPONENTS	PRICE (in INR)
One NC DPST Momentary Push Button switch, 250V AC, 4A, 12 mm diameter	80
2.2 metres of 16 AWG wire	40
Total cost per room	120
Total cost for all the rooms in every hostel	6,72,000

NPTEL

On an average there are 5600 rooms in IIT in the hostels and hence the total cost for all the rooms in every hostel will be around 6,72,000 rupees. And this solution is also implemented based on the fact that everyone, it assume that everyone latches the door whenever they go out of the rooms, thank you.

Dear friends and respected sir good morning to one and all, my name is Deepak Suresh my role number is NA10B008, I am here to suggest a solution to the solid water generated in the metro cities of India.

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These days we are having power failure for 2 hours, so why cannot we generate power from all the solid waste generated in our cities. We can see that Bombay has been topping the charts in the solid waste generated, statistic show that India has only realized only about 2 percent of the total waste energy potential.

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India: Waste to Energy Potential

- about 1700 MW from urban waste
- about 1300 MW from industrial waste
- India has so far realized only about 2% of its waste-to-energy potential (Indian Renewable Energy Development Agency (IREDA) estimate)
- projected to increase to 2,000 MW by 2017

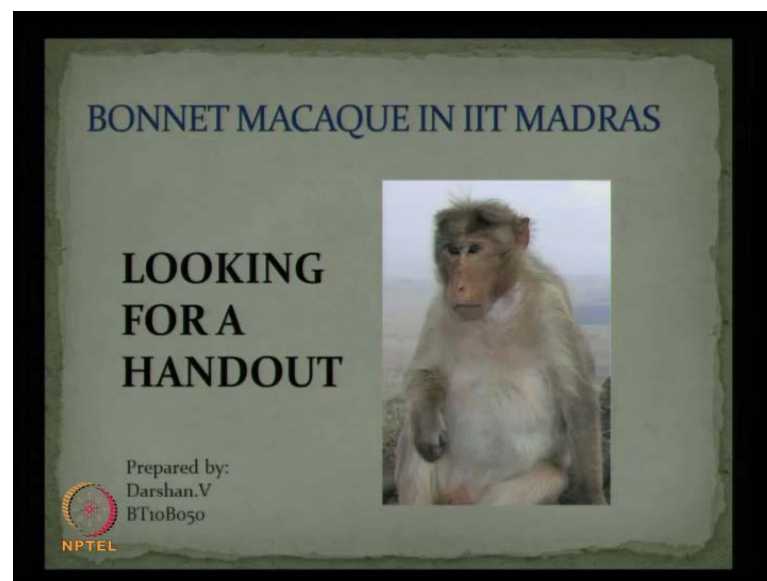
Source: Ministry of New and Renewable Energy (MNRE)

NPTEL

About 1700 mega watts can be generated from the urban waste and 1300 mega watts from industrial waste; this is projected to increase to 2,000 mega watts by 2017. So, I expect the government will take some measure to produce energy from the solid waste, so that we can avoid the power failures, thank you.

Respected sir dear friends a warm evening I am Darshan V roll number BT10B050.

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BONNET MACAQUE IN IIT MADRAS

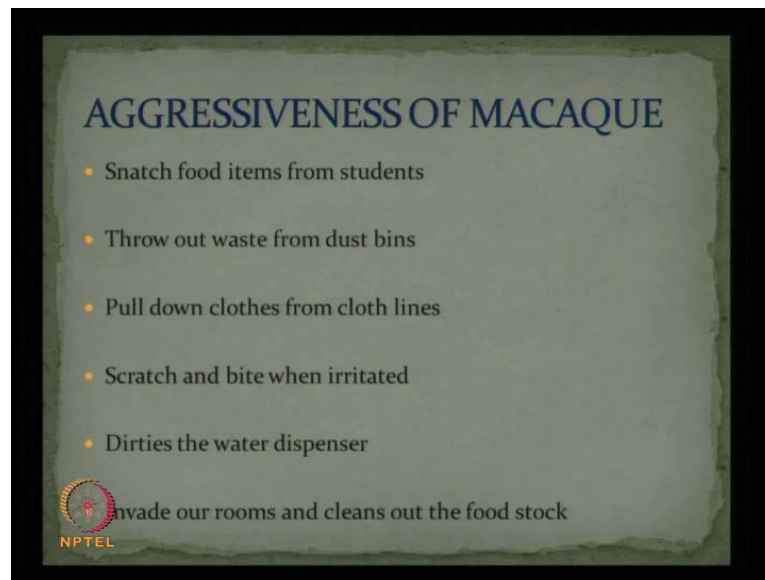
LOOKING FOR A HANDOUT

Prepared by:
Darshan.V
BT10B050

NPTEL

It is my pleasure to speak on the aggressiveness of monkeys in IIT madras. There are a total of 195 monkeys moving in seven troops distributed throughout the campus.

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They snatch food from us, pull down clothes from lands, dirty the water dispensers and some of them even bite. Doctor Wolfgang Dittus primatologist of this Midsonian primate biology program says, only a subordinate gives its food, feeding monkeys makes them think that we are their subordinates, freely available garbage also adds to their aggression eventually. A point comes when monkeys expects us to give them food and when we do not they simply grab it, thank you and have a nice day.

Good evening my name is Manoj my roll number is CE10B020 I have come from a very small town called Sathanapally AP, I am here to discuss civic problems garbage in my home town.

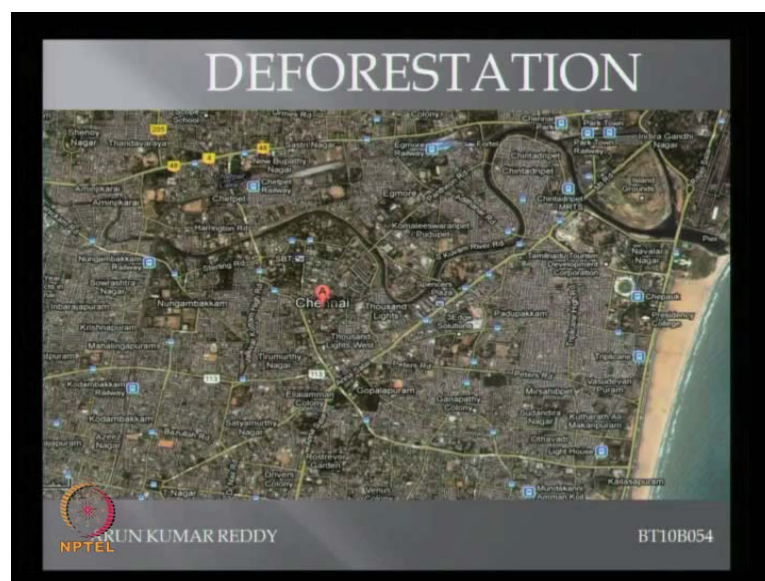
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Values regarding the GARBAGE produced PER DAY				
Sl.no	Garbage Collection	2009	2010	2011
		Per day	Per day	Per day
1	Total weight of garbage	30 Mg	36 Mg	37 Mg
2	Weight of dry garbage	16Mg	17Mg	18Mg
3	Weight of wet garbage	8Mg	11Mg	11Mg
4	Weight of veg waste	3Mg	5Mg	4Mg
5	Weight of recyclable garbage	0.2Mg	0.2Mg	0.3Mg
6	Weight of non recyclable garbage	3Mg	3Mg	4Mg
Share of plastic		Per annum 7% of total	Per annum 10% of total	Per annum 7% of total

If we really if we really go through the values raising level of garbage from the year 2009 to 10 is very high to that of 2010 to 11. And remarkably government was successful in declining the jeopardy of plastic proportion. One of the main problems due to garbage in my town is the water gets blocked on the roads during the rainy days, creating a very endangering the health of people there, thank you.

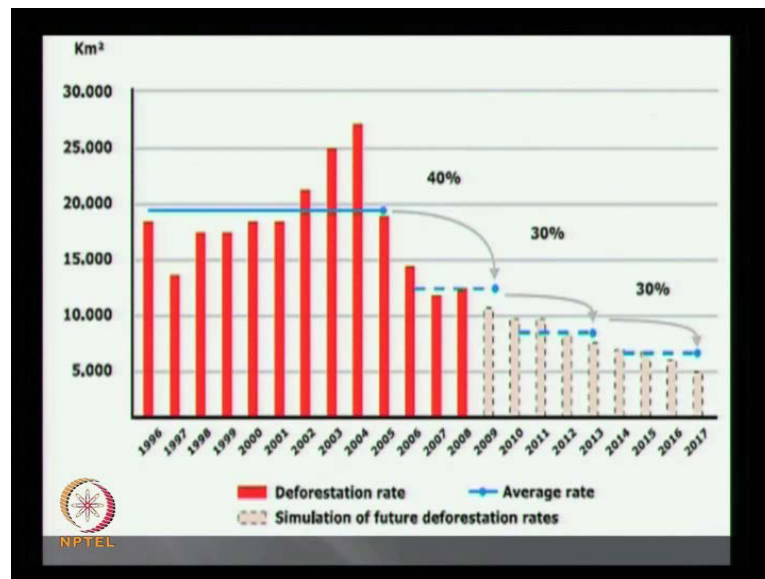
Good evening friends my name is Arun Kumar Reddy roll number BT10B054.

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Today. I am going to talk about deforestation; environmental issues affect each every life on the planet from the small parasite to the human human kind. A single a single disruption in earth delicate balance can cause mass destruction that cradles lives of many species, what is now also simple here is to find alternatives to the now dangerous and confronting acts of planet degradation. One of the issues which requires consideration is deforestation, deforestation in a simple language can be defined as, cutting down of trees or forest for various purposes.

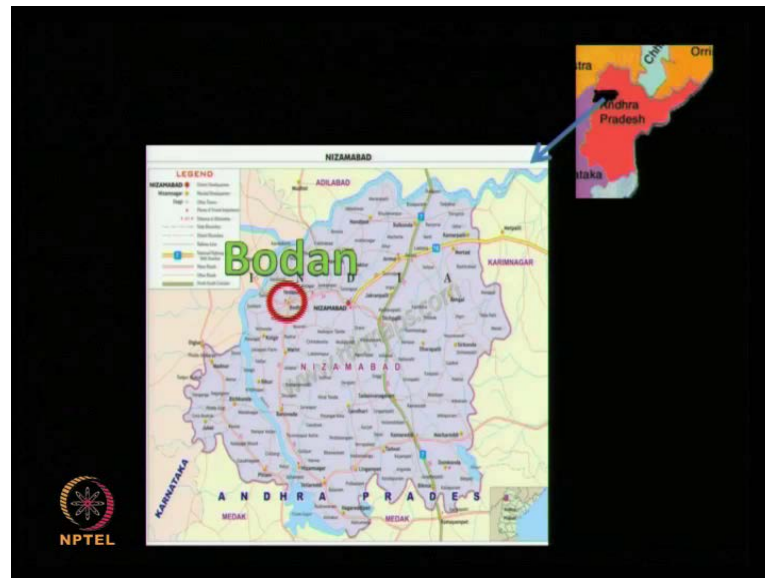
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This is the graph of rates of deforestation during recent years and expectation of rates of deforestation in the future, due to the measures taken by government in the recent years there is gradual decrease of deforestation rates, thank you.

Good evening friends my name is Anuj Kumar my roll number is BT10B024.

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Today I would like to speak few words about why farmers are committing suicides. There are mainly three reasons, first one due to adulteration of seeds proper yield is not seen, second one lack of proper marketing value, third one pressure from money lenders. This graph is taken from in last five years in every year atleast two farmer lost their lives, in year 2008 about 6 farmers lost their life, if this continues in the same way there will be no farmers at al. Before 30 years 60 about percentage of the population depend on farming other main income source, but at present there only 20 percent of them are depending on it, thank you.