St. Martin's Engineering College
Dhulapally, Secunderabad

Ref: SMEC/Principal's Office/2017-18 Date: 08-07-2017

CIRCULAR

All the Students of B.Tech and MBA are informed that college management has decided to form a group called ECO club to initiate eco-friendly environment campus.

The students who are interested to contribute their services in this regard can enroll their names with the class counselors within a week.

Principal

PRINCIPAL
ST. MARTIN'S ENGINEERING COLLEGE
Dhulapally (V), Dundigal-Gandimaisamma (M)
Medchal-Malkajgiri (D), Secunderabad-500014.

Cc to: 1) The Chairman – For kind information
2) The Executive Director - For kind information
3) HODs (I & II Year) – To be read in all classrooms.

St. Martin's Engineering College
Dhulapally, Secunderabad

Ref: SMEC/Principal's Office/2017-18

Date: 17-08-2017

CIRCULAR

All the Students, who are enrolled their names in ECO club are here by informed to assemble in the Swami Vivekananda seminar hall on 18-08-2017 at 10 am.

.

Principal

PRINCIPAL
ST. MARTIN'S ENGINEERING COLLEGE
Dhulapally (V), Dundigal-Gandimaisamma (M)
Medchal-Malkajgiri (D), Secunderabad-500014.

Cc to: 1) The Chairman – For kind information
2) The Executive Director - For kind information
3) HODs (I & II Year) – To be read in all classrooms.

St. Martin's Engineering College
Dhulapally, Secunderabad

Ref: SMEC/Principal's Office/2017-18 Date: 21-08-2017

CIRCULAR

All the Staff and Students are here by informed to assemble in the college ground for the Haritha-Haram Program on 23-08-2017 at 12.30PM.

Principal

PRINCIPAL
ST. MARTIN'S ENGINEERING COLLEGE
Dhulapally (V), Dundigal-Gandimaisamma (M)
Medchal-Malkajgiri (D), Secunderabad-500014.

Cc to: 1) The Chairman – For kind information
2) The Executive Director - For kind information
3) HODs (I & II Year) – To be read in all classrooms.

St. Martin's Engineering College
Dhulapally, Secunderabad

POST EVENT REPORT

Date: 25-08-2017

1. Name of the event: **Haritha Haram Programme**
2. Event Date: 23-08-2017
3. Brief description about the event:

Telangana launched a massive programmed Haritha Haram, SMEC participated by planting 1000 **saplings**, SMEC also participated by planting sapling in and around college premises. Faculty of SMEC and NSS Student volunteers had actively participated.

The chairman of the college has launched the **"HARITHA HARAM"** by planting a sapling at the college premises and invited the students to participate actively in the programme to improve the green cover for a better future. He also stated that the programme is to improve green cover, maintain ecological balance & to ensure sustainable livelihoods.

The following dignitaries were present on that programme as guest of Honor

1. **MARRI LAXMA REDDY**

   Chairman of the College, SMEC

2. **CHANDRA SHEKHAR YADAV**

   Director of the College, SMEC

Principal of St. Martin's Engineering College **Dr. P. Santhosh Kumar Patra** said that the programme would continue for next upcoming years also. Raising concern over fast depleting green cover leading to scanty rainfall, Principal appealed the students and employees to participate in the flagship programme. Students of St. Martin's Engineering College took an oath to protect the saplings planted by them. Faculty & NSS student Volunteers participated actively.

Encl: Photographs

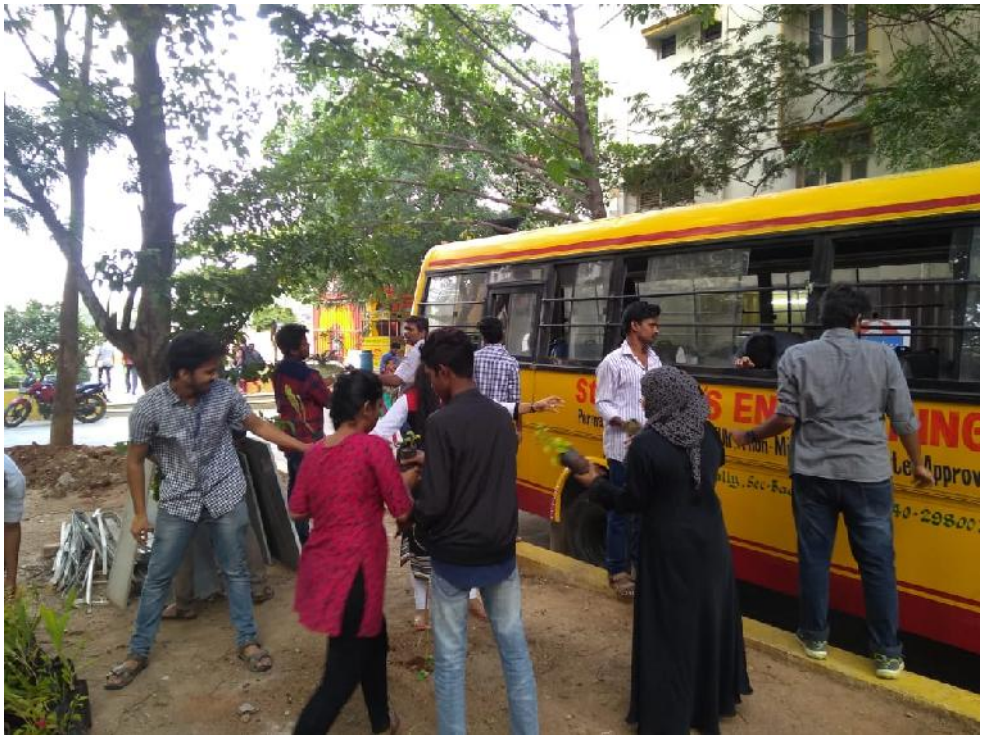
Sign of the ECO Club Convener

(Dr. Upender Ch)

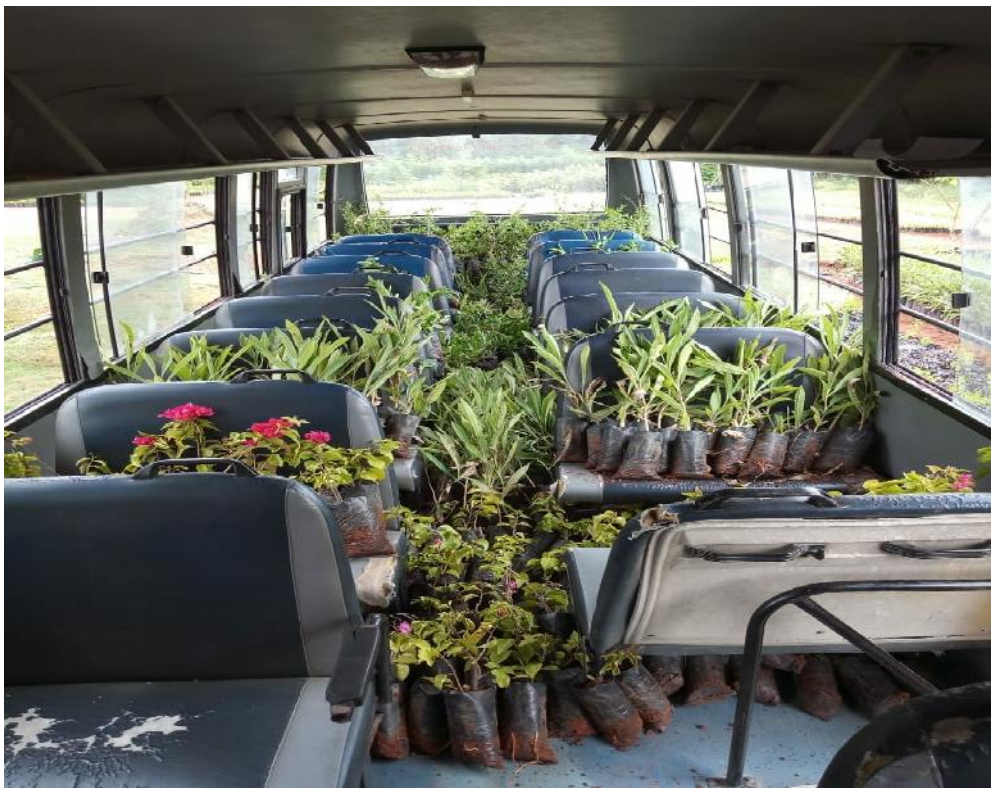
Approved by the Principal

PRINCIPAL
ST. MARTIN'S ENGINEERING COLLEGE
Dhulapally (V), Dundigal-Gandimaisamma (M)
Medchal-Malkajgiri (D), Secunderabad-500014.

Event Photos: Haritha Haram



Pic: Active participation of students in haritha Haram programme



Pic: Transporting plants for distributing in Kompally village

St. Martin's Engineering College
Dhulapally, Secunderabad

Ref: SMEC/Principal's Office/2017-18 Date: 11-09-2017

CIRCULAR

All the Staff and Students are here by informed to assemble in the college ground for the Awareness Program on Rainwater harvesting on 12-09-2017 at 12.20PM.

Principal

ST. MARTIN'S ENGINEERING COLLEGE
Dhulapally (V), Dundigal-Gandimaisamma (M)
Medchal-Malkajgiri (D), Secunderabad-500014.

Cc to: 1) The Chairman – For kind information
2) The Executive Director - For kind information
3) HODs (I & II Year) – To be read in all classrooms.

St. Martin's Engineering College
Dhulapally, Secunderabad

POST EVENT REPORT

Date: 14-09-2017

1. Name of the event: **Rain water harvesting structures and utilization in the campus**
2. Event Date: 12-09-2017
3. Brief description about the event:

Rain water Harvesting Structures and Utilization in the Campus

Response

Being situated in a region with very extreme summers, we realize the importance of conservation and best utilization of water resources. We maintain and generate our water resources. The college has bore wells to meet the general needs of the institution.

Rooftop Water Harvesting

The college is facilitated with two rooftop rainwater harvesting systems wherein the rainwater is captured from the roof catchments and stored in tanks provided at various locations in the college campus.

The rainwater from top of the roofs is collected through proper network of pipes. There is a well connected pipe network water delivery system. This network is instrumental in supplying the water, in tanks. The network of well-connected pipes carries it to the tanks specially constructed for this purpose. There are two such tanks in the campus.

Rainwater harvesting in such a way is providing an independent water supply during regional water restrictions. The water thus collected is then used for several purposes, mainly like gardening and cleaning. The institution adopts sprinkler procedure in large lawns and water is very judiciously used for plantation purposes. In the extreme summer season, when water is scarce, the rain water thus collected and stored in the tank, is then used for the maintenance of the green cover in the campus.

Surface Runoff Water Harvesting

The runoff water from the unpaved area is allowed to flow into the harvesting pits located at different locations in college campus facilitates ground water recharge.

The rainwater, which is runoff from the higher surface areas, i.e. in the open field and ground, is restricted in a particular area by building Mud Ridges surrounding the area, so that the water does not flow away but stands in that area and soaks in the ground. This may help in raising the water table of the area. Thus rises water table rises would result in more availability of the water in the wells. This also results in preventing soil erosion. Thus the availability of water for the various purposes increases.

Impact

Rooftop Water Harvesting

The main objective of rooftop rainwater harvesting technique makes water available for general needs even in high demand and lack of regional water supply.

With the help of two Rooftop Rainwater Storage Tanks arrangements, rain water has been stored in the tanks and utilized for irrigation and cleaning.

From these tanks we are utilizing almost 64,78,698 liters of rainwater per year at an average to develop greenery in our campus.

Surface Runoff Water Harvesting

As Two Water Harvesting Plants are constructed in the campus, plants can accommodate 1,15,66,572 liters of rain water per year at an average. Water availability has been maintained at a better level for constant use to harvest the plants.

Encl: Photographs

Sign of the ECO Club Convener

(Dr. Upender Ch)

Approved by the Principal

PRINCIPAL
St. MARTIN'S ENGINEERING COLLEGE
Dhulapally (V), Dundigal-Gandimaisamma (M)
Medchal-Malkajgiri (D), Secunderabad-500100

Event Photos: Rain –water harvesting pits

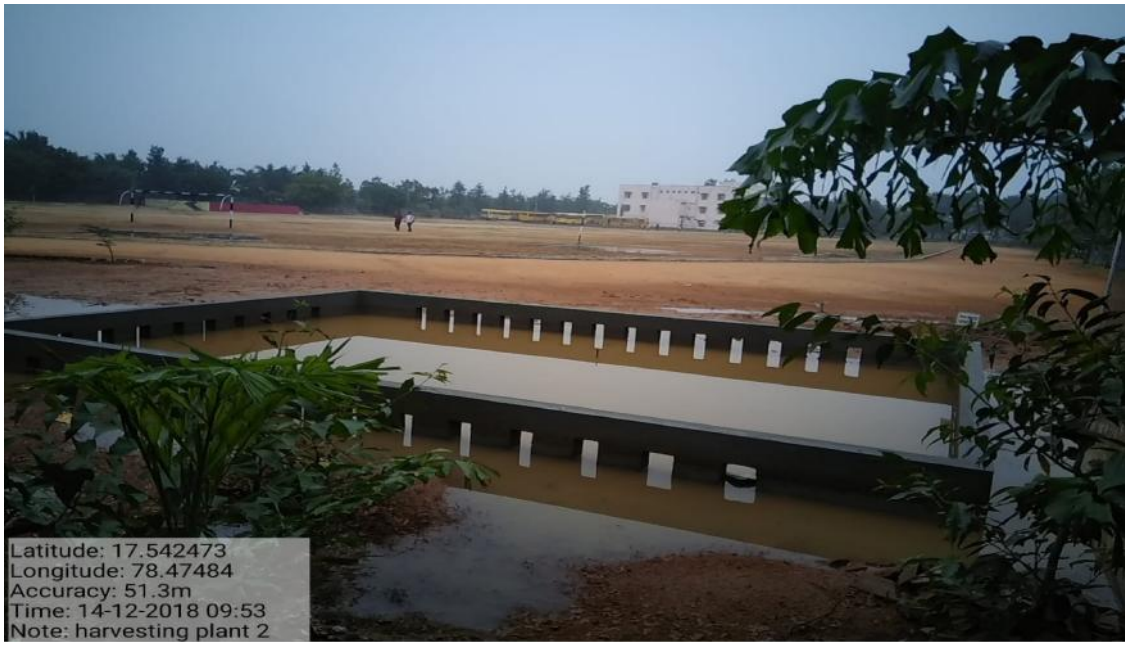


Fig 1(a): Surface Runoff Water harvesting plant in College Playground (side view)

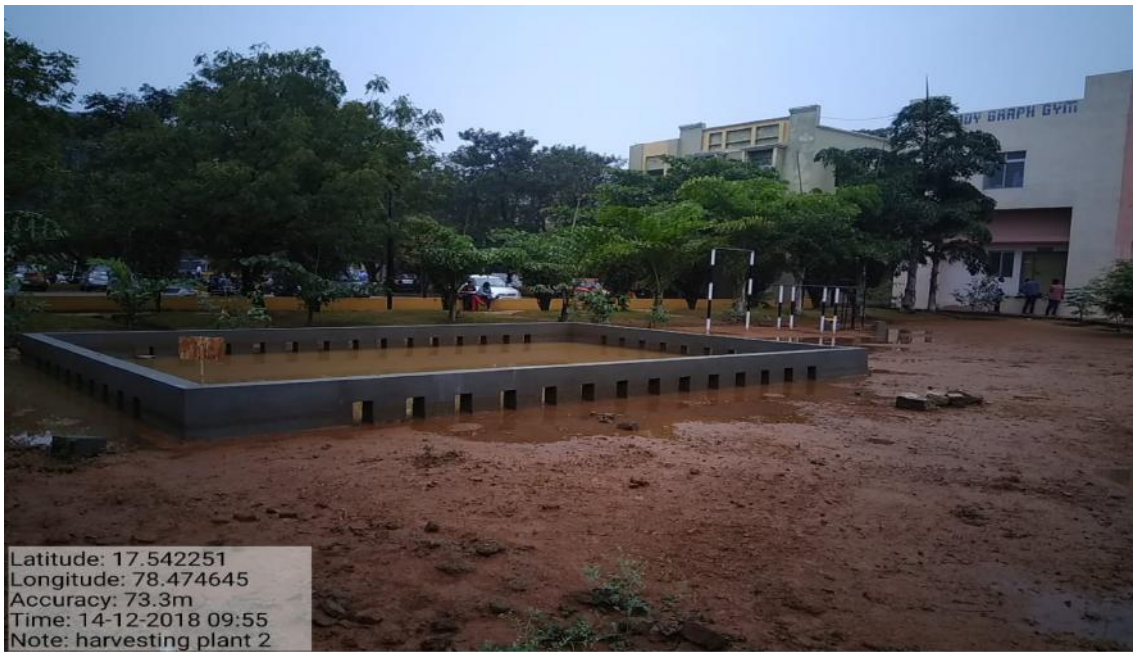


Fig 1(b): Surface Runoff Water harvesting plant in College Playground (left view)

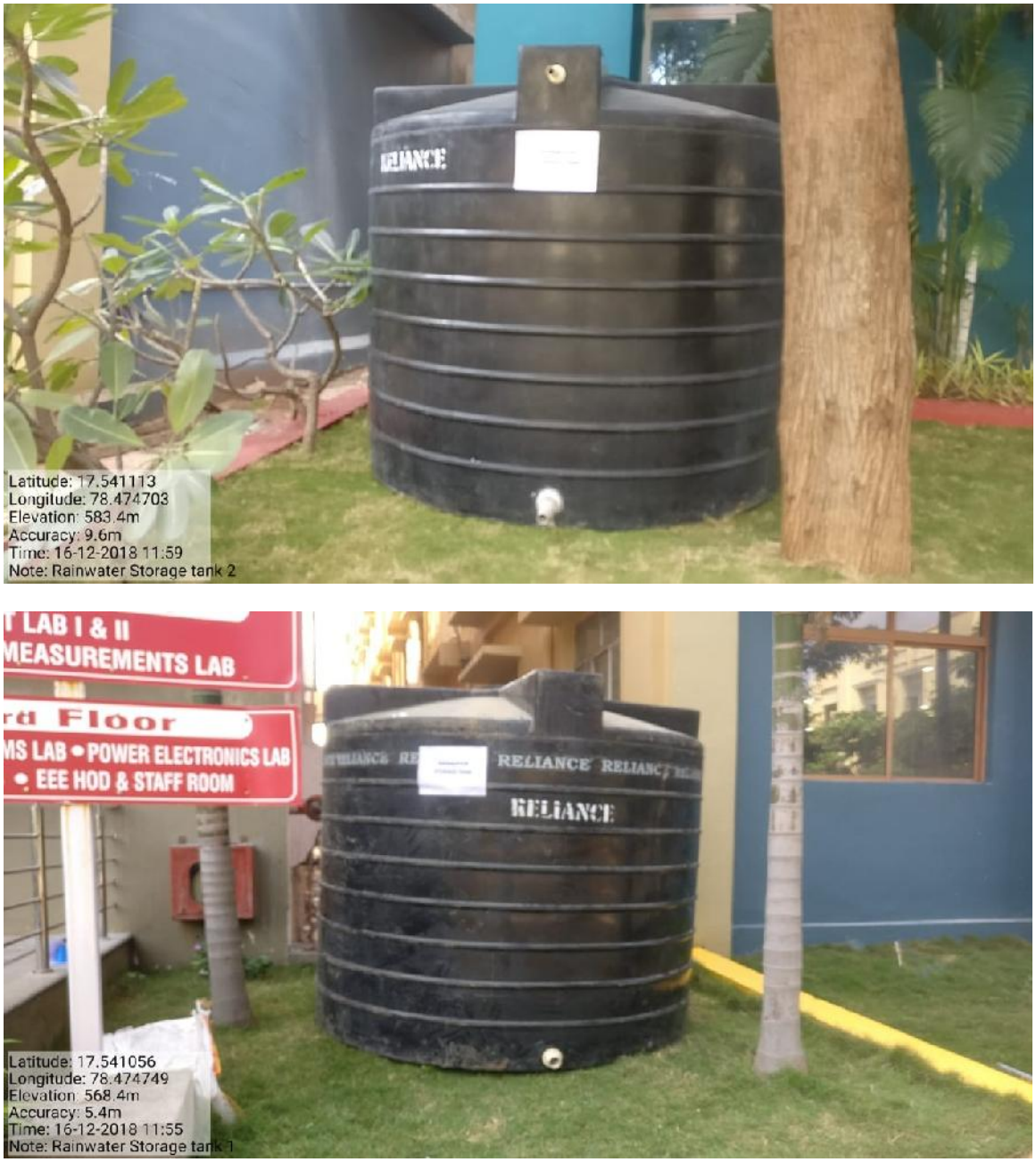


Fig 2: Rooftop rain water storage tanks Capacity each 5000 liters

St. Martin's Engineering College
Dhulapally, Secunderabad

Ref: SMEC/Principal's Office/2017-18 Date: 10-11-2017

CIRCULAR

All the Staff and Students are here by informed to assemble in the college ground for the Say No to plastic on 11-11-2017 at 12.00PM.

10/11/17

Principal

PRINCIPAL
St. MARTIN'S ENGINEERING COLLEGE
Dhulapally (V), Dundigal-Gandimaisamma (M)
Medchal-Malkajgiri (D), Secunderabad-500100

Cc to: 1) The Chairman – For kind information
2) The Executive Director - For kind information
3) HODs (I & II Year) – To be read in all classrooms.

St. Martin's Engineering College
Dhulapally, Secunderabad

POST EVENT REPORT

Date: 13-11-2017

1. Name of the event: **Say No To Plastic**
2. Event Date: 11-11-2017
3. Brief description about the event:

Why are Plastic Bags considered a Problem?

•They are harmful to the environment.
• Takes 1000 years to decompose into smaller pieces, which seep down into the soil and release chemicals, which eventually reach the water supply.
• Kills animals in the water when they eat plastic bags thinking they are jellyfish.
• Builds up in landfills.
• Manufacturing of plastic bags is harmful to the environment because nonrenewable resources are used (petroleum and natural gas). The manufacturing process itself uses toxic chemicals, pollutes the atmosphere and consumes energy.
• The transportation of the billions of plastic bags produced annually means further energy consumption, largely in the form of more petroleum.
• Stores give out unlimited amounts of plastic bags for FREE even though the costumer doesn't really need it.
• Cost in terms of energy and manpower is greater than the value of the material produced.

The various other alternatives:

1. Use biodegradable bags made from fabrics.
2. Ladies can carry a cotton bag or two in their purses which can be used when required.
3. Nylon bags can be reused several times.
4. Donate old news papers and magazines to small scale industries where they can be recycled.

To proclaim to the public on reduction of plastic usage, the students and faculty of "St. Martin's Engineering College" took up an awareness Campaign along the prominent places of market areas and roads of Kompally village to focus on reducing the plastic use. The students of SMEC run their NGO "Helping Hands" which is vitally active in socio environmental issues volunteering to support, enhance and change in concerned issues of our society. Raising slogans such as *"Say No To Plastic! Don't Use Plastic!", "Plastic Hatao! Desh Ko Bachao", Johny Johny Yes Papa! Plastic Maaku Odappa!", Plastic Vaadoddu! Pranam Teeyodhu!"* educates people to cut down the usage of plastic.

Encl: Photographs

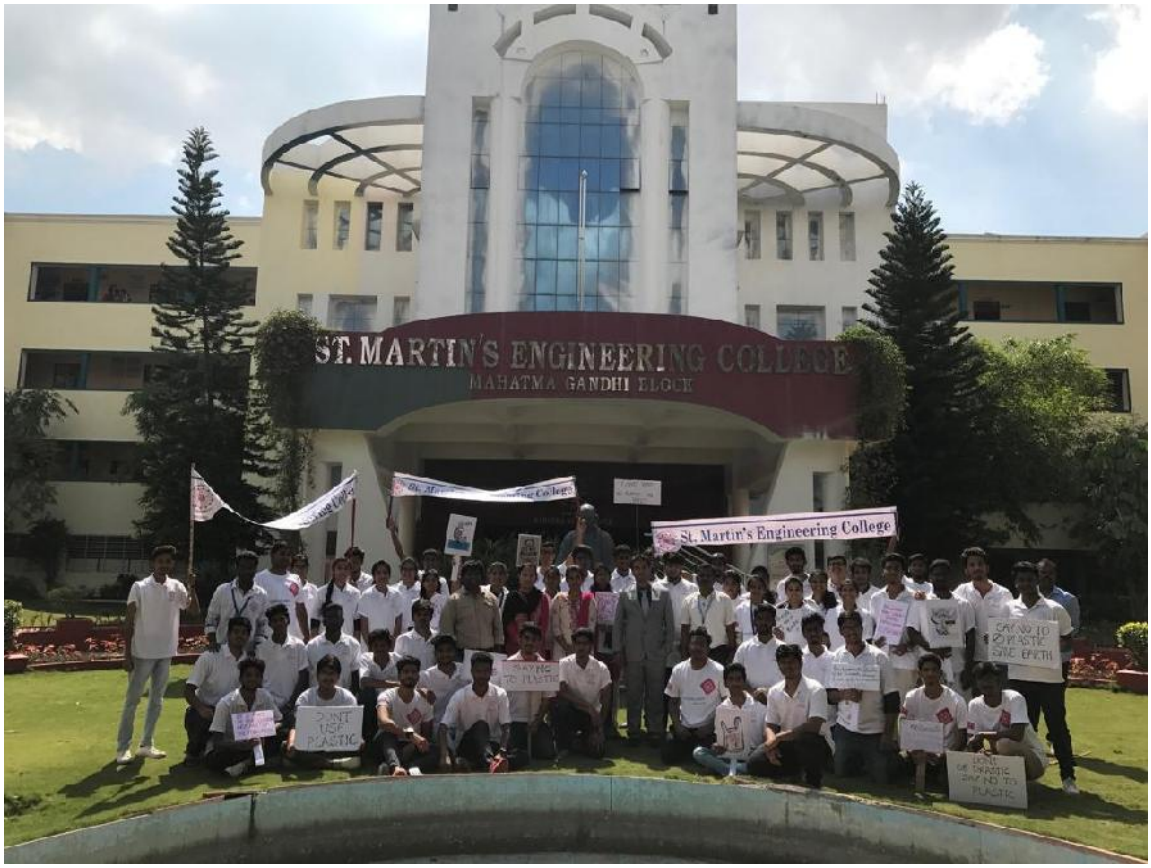
Sign of the ECO Club Convener

(Dr. Upender Ch)

Approved by the Principal

PRINCIPAL
St. MARTIN'S ENGINEERING COLLEGE
Dhulapally (V), Dundigal-Gandimaisamma (M)
Medchal-Malkajgiri (D), Secunderabad-500100

Event Photos: Say No To Plastic



Pic: Awareness Programme on Say No To Plastic

St. Martin's Engineering College
Dhulapally, Secunderabad

Ref: SMEC/Principal's Office/2017-18 Date: 22-01-2018

CIRCULAR

All the Staff and Students are here by informed to assemble in the college ground for the swatchh Bharat Program on 23-01-2018 at 12.00PM.

22/01/18
Principal

PRINCIPAL
St. MARTIN'S ENGINEERING COLLEGE
Dhulapally (V), Dundigal-Gandimaisamma (M)
Medchal-Malkajgiri (D), Secunderabad-500100

Cc to: 1) The Chairman – For kind information

2) The Executive Director - For kind information
3) HODs (I & II Year) – To be read in all classrooms.

St. Martin's Engineering College
Dhulapally, Secunderabad

POST EVENT REPORT

Date: 25-01-2018

1. Name of the event: **Swachh Bharat**
2. Event Date: 23-01-2018
3. Brief description about the event:

Swachh Bharat Abhiyan is a nationwide cleanliness campaign run by the government of India and initiated by the Prime Minister, Narendra Modi on 2nd of October in 2014 on 145th birthday anniversary of the Mahatma Gandhi. This campaign has been launched to fulfill the aim of cleanliness all over the India. The Prime Minister has requested the people of India to involve in the Swachh Bharat Mission and promote others to do the same for leading our country as a best and clean country of the world. This campaign was first initiated by the Narendra Modi himself by cleaning the road on the way going to launch the campaign.

The campaign of Swachh Bharat is a biggest ever cleanliness drive of the India during the launch of which around 3 million government employees and students from schools and colleges were participated. On the day of launch, Prime Minister has nominated the names of nine personalities of India to initiate the campaign in their own areas and own decided dates as well as promote the campaign to common public. He also had requested to all nine personalities to invite other nine people from their own end individually to participate in this event as well as continue this chain of inviting nine people until the message reach to each and every citizen.

Principal of St. Martin's Engineering College **Dr. P. Santhosh Kumar Patra** said that the programme would continue for next upcoming years also. Principal appealed to students and employees to participate in the flagship programme. Students of St. Martin's Engineering College took an oath on Swachh Bharat. Staff & students participated in the event actively.

Encl: Photographs

Sign of the ECO Club Convener

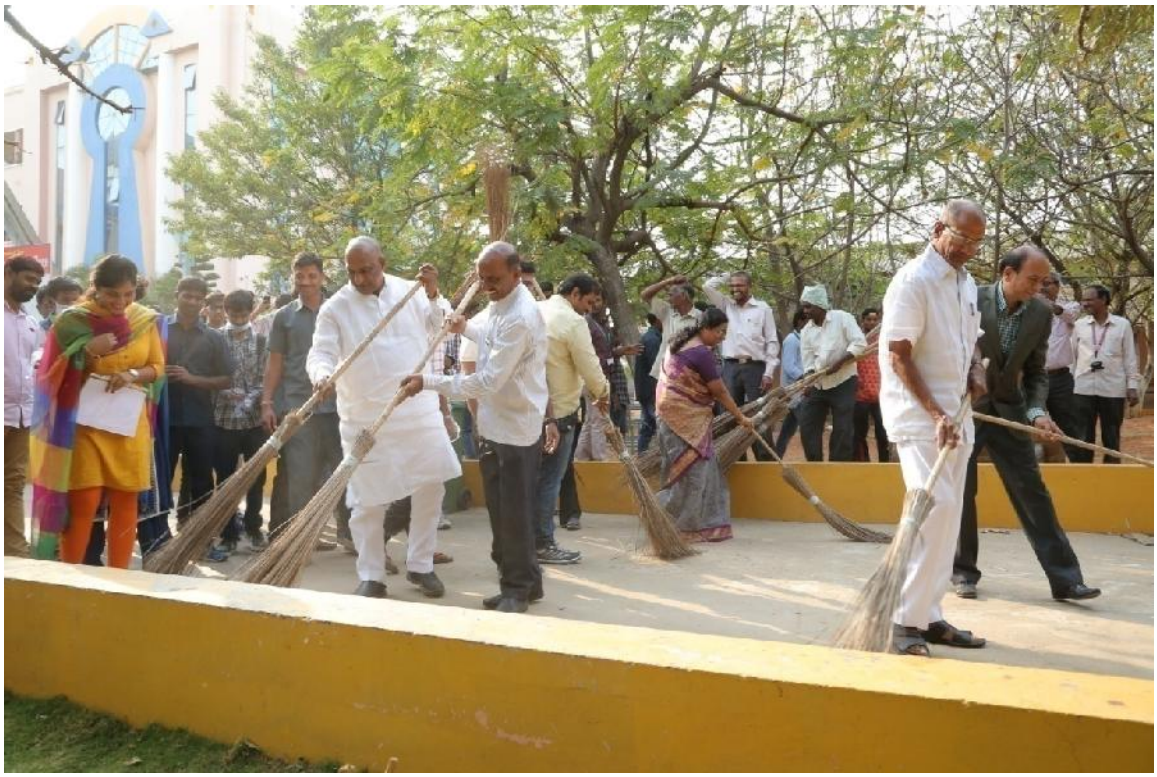
(Dr. Upender Ch)

25/01/18

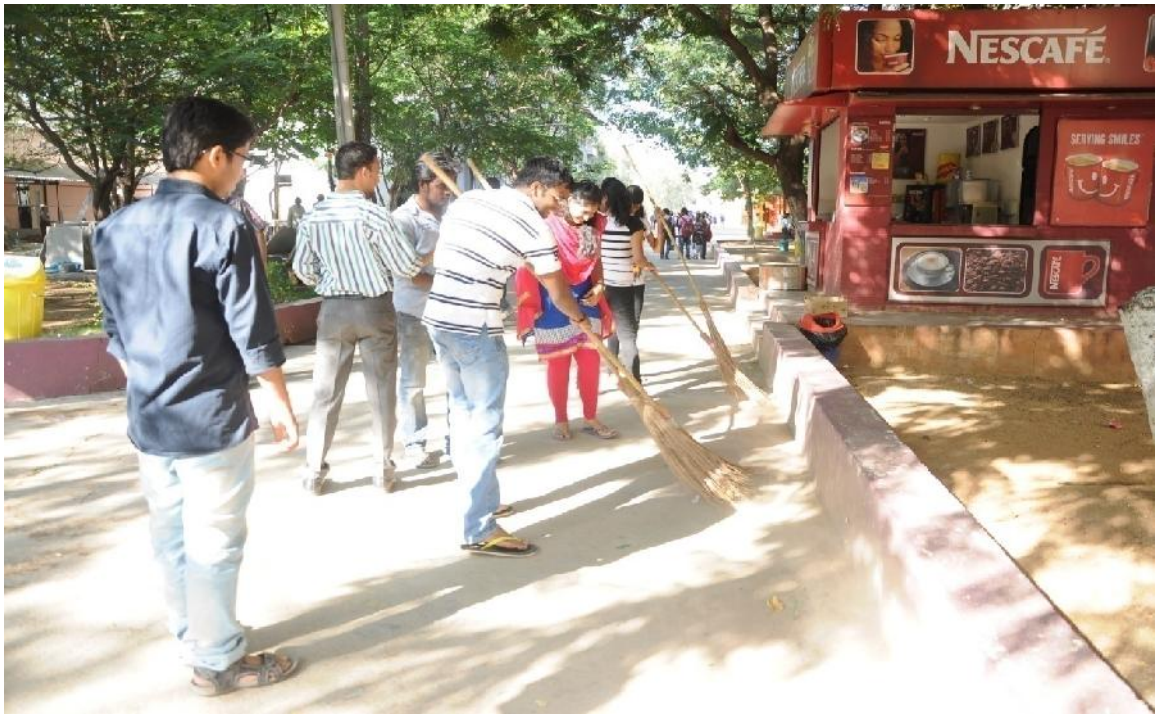
Approved by the Principal

PRINCIPAL
St. MARTIN'S ENGINEERING COLLEGE
Dhulapally (V), Dundigal-Gandimaisamma (M)
Medchal-Malkajgiri (D), Secunderabad-500100

Event Photos: Swachh Bharath



Pic: Chief Guest Malla Reddy initiated the Swachh Bharath programme



Pic: Students active participation in Swachh Bharath programme

St. Martin's Engineering College
Dhulapally, Secunderabad-500014

Ref: SMEC/Principal's Office/2017-18 Date: 05-02-2018

CIRCULAR

All the Staff and Students are here by informed to assemble in the college ground for the Awareness program on segregation of waste management on 06-02-2018 at 12.00PM.

Principal

PRINCIPAL
St. MARTIN'S ENGINEERING COLLEGE
Dhulapally (V), Dundigal-Gandimaisamma (M)
Medchal-Malkajgiri (D), Secunderabad-500100

Cc to: 1) The Chairman – For kind information

2) The Executive Director - For kind information
3) HODs (I & II Year) – To be read in all classrooms.

St. Martin's Engineering College
Dhulapally, Secunderabad

POST EVENT REPORT

Date: 08-02-2018

1. Name of the event: **Waste Segregation**
2. Event Date: 06-02-2018
3. Brief description about the event:

Waste Management System Hierarchy

1. The hierarchy begins with the diminution of sweepings at the source. This implies a diminution in the total amount of waste and a decrease in their toxicity and other harmful properties. The diminution of sweepings is achieved by reorienting producers and consumers to products and packaging, resulting in less waste.

2. The next level is recycling. This makes it possible to make full use of materials and reduce the amount of sweepings generated, and also significantly reduce the amount of waste that is consumed in landfills or incineration plants.

3. The third level of "recuperation" is the processing of materials, including composting of organic matter, melting glass, metal, plastic and other forms of recuperation of useful materials, preventing their disposal. At the same time, recycling is the return of sweepings to the same technological process that led to their formation, and the recuperation is the use of waste after processing, or without it, in other technological processes or to generate energy.

4. The fourth level is the extraction of energy. Incineration reduces the amount of sweepings that enters landfills and can be used to generate electricity. Modern incineration plants are equipped with emission cleaning systems, power generators used in combination with other methods.

5. The fifth level is a burial on polygons. This remains necessary for wastes that are not recyclable, fireproof or combustible with the release of toxic substances. Modern sanitary polygons that meet environmental requirements do not closely resemble the landfills that are familiar to everyone: they are the most complicated engineering structures equipped with water and air pollution control systems that use methane generated during the rotting process to produce heat and electricity.

Encl: Photographs

Sign of the ECO Club Convener

(Dr. Upender Ch)

Approved by the Principal

PRINCIPAL
St. MARTIN'S ENGINEERING COLLEGE
Dhulapally (V), Dundigal-Gandimaisamma (M)
Medchal-Malkajgiri (D), Secunderabad-500100

Event Photos: Waste Segregation

Pic: An initiative from students on segregation of waste