



**St. Martin's Engineering College
Dhulapally, Secunderabad**

Ref: SMEC/Principal's Office/2018-19

Date: 10-07-2018

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

- 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.

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



St. Martin's Engineering College
Dhulapally, Secunderabad

Ref: SMEC/Principal's Office/2018-19

Date: 20-08-2018

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 21-08-2018 at 10 am.


Principal

- Cc to: 1) The Chairman – For kind information
2) The Executive Director - For kind information
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St. Martin's Engineering College
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Ref: SMEC/Principal's Office/2018-19

Date: 25-08-2018

CIRCULAR

All the Staff and Students are here by informed to assemble in the college ground for the Haritha-Haram Program on 27-08-2018 at 12.30PM.


Principal

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**St. Martin's Engineering College
Dhulapally, Secunderabad**

POST EVENT REPORT

Date: 29-08-2018

1. Name of the event: **Haritha Haram Programme**
2. Event Date: 27-08-2018
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

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Event Photos:



Pic: Active participation of students in haritha Haram programme



Pic: Guest of honors initiated the Haritha-Haram programme



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Ref: SMEC/Principal's Office/2018-19

Date: 24-09-2018

CIRCULAR

All the Staff and Students are here by informed to assemble in the college ground for the Awareness Program on Rainwater harvesting on 25-09-2018 at 12.00PM

SMW
24/9/18
Principal

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St. Martin's Engineering College
Dhulapally, Secunderabad

POST EVENT REPORT

Date: 27-09-2018

1. Name of the event: **Rain water harvesting structures and utilization in the campus**
2. Event Date: 25-09-2018
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)

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Event Photos: Rain –water harvesting pits



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



Fig 1(b): Surface Runoff Water harvesting plant in College near parking area



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



St. Martin's Engineering College
Dhulapally, Secunderabad

Ref: SMEC/Principal's Office/2018-19

Date: 02-11-2018

CIRCULAR

All the Staff and Students are here by informed to assemble in the college ground for the Say No to plastic on 03-11-2018 at 12.00PM.


Principal

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St. Martin's Engineering College
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POST EVENT REPORT

Date: 03-11-2018

1. Name of the event: **Say No To Plastic**
2. Event Date: 03-11-2018
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 customer 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

Dr. Upender Ch

Sign of the ECO Club Convener

(Dr. Upender Ch)

Jm
3/11/18

Approved by the Principal

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Medchal-Malkajiri (D), Secunderabad-500100

Event Photos: Say No To Plastic



Pic: Student campaigning on Say No To Plastic in Kompally village