
GMR INSTITUTE OF TECHNOLOGY- RAJAM DEPARTMENT OF CHEMICAL ENGINEERING

From:

19th JUNE 2020

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SWACHHATA ACTION PLAN

Sanitation Team

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Water Management Team

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Greenery and Plantation Team

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Action Plan for Sanitation

1. Proper personal hygiene, including frequent hand and arm washing.
2. Proper cleaning and sanitizing of all food contact surfaces and utensils.
3. Proper cleaning and sanitizing of food equipment.
4. Good basic housekeeping and maintenance.
5. Food storage for the proper time and at safe temperatures.

Action Plan for Water Management

1. Avoid the water leakages from all taps at home and offices.
2. If washing by hand, use a sink full of water instead of continuously running the faucet.
3. Turn off the water while brushing your teeth. Run as much as you need, then turn off the tap until you need some more.
4. Water your lawn only when it needs it.
5. Set your irrigation system to run in the early morning or late evening, when the water is less likely to be lost due to evaporation or wind.

Action Plan for Waste Management

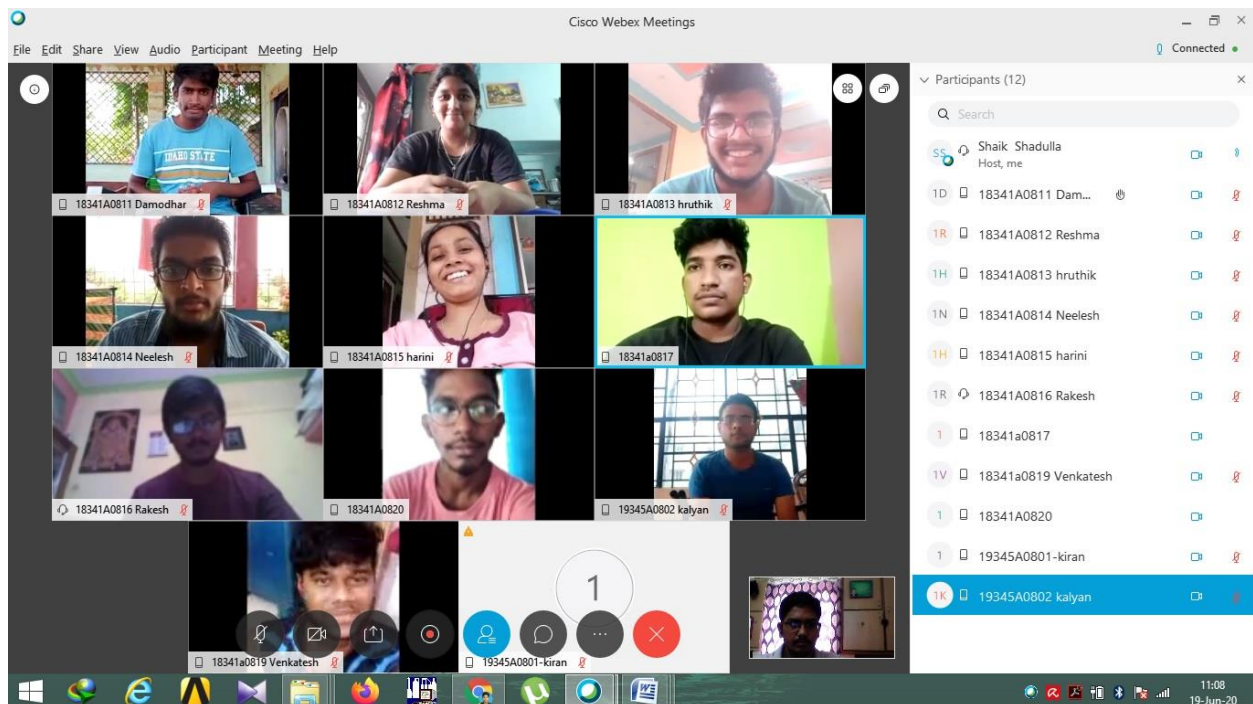
1. Surrounding should be clean and neat always.
2. Organic waste and non-organic can be disposal separately. Some sort of organic waste can be used as a fertilizer for plants. (like varmi compost).
3. Awareness programs should be done by the students to the society.
4. Now a day's generation of plastics waste is the major issue. To avoid this use the paper bags and jute bags etc.
5. Maintain all the public premises clean and green (usage of dust bins)

Action Plan for Energy and Solar Energy

1. Especially for AC's: Keep air-conditioning between 23 and 26 degrees.
2. Effective ceiling insulation can be done for saving the power.
3. Turn non-essential appliances off at the power point.
4. Setting up and usage of solar heaters, cookers, pumps etc.

Action Plan for Greenery and Plantation

1. Conduct a competition for collecting and planting the new type of trees.
2. Maintaining the Terrace gardening.
3. Encouraging the students those who are actively participate in plantation and maintenance of lawns etc.
4. Choose suitable bio fertilizers (not chemical fertilizers) for plants and trees.



Note:

An online program was conducted on 19th JUNE 2020 with few of our students from Department of Chemical Engineering, GMRIT-Rajam about the tasks through Cisco Webex online meeting and the suggestions received from the students and the future action plans were discussed to take it forward.

DEPARTMENT OF CHEMICAL ENGINEERING

From:

17th JUNE 2020

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SWACHHATA ACTION PLAN

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Action Plan for Sanitation

- Ensure to keep the premises clean by adopting it as a regular habit and not always thinking that it is other's work. Help others also to follow by practicing it daily.
- Ensure the follow up / checkup procedures of what was done during the week and plan of works for the forth coming week well in advance.
- Encourage people to avoid the usage of common dustbins in nearby common areas, which accumulate waste and creates lot of disturbance, instead encourage them to dispose the waste far away.

Action Plan for Water Management

- Ensure the stoppage of water leakages from taps at home and office and display the plumber number at every place where the taps are there.
- Educate people in villages how to save water from surface evaporation technically from their ponds and lakes.
- Create awareness and help people to go for rain water pits for their homes by providing the necessary information like cost involved, number of days required to construct the pit and the contact person details.
- Educate people towards the problems and concerns related to over utilization of ground water

Action Plan for Waste Management

- Clear waste and unwanted materials and create space for future requirements
- Dispose every day's waste properly and don't store them in your home or work place
- Minimize the generation of waste by properly separating the food waste from the source
- Encourage people to avoid the use of plastic and the products which take lot of time to degrade
- Practice waste management before you preach

Action Plan for Energy and Solar Energy

- Create awareness on how to save power by switching off the appliances when not in use.
- Help people to understand on subsidies given by government on solar power.
- Train students and society on how to use electrical appliances in home
(Eg.: Fridge: If opened many times, consumes more power.
AC: If iron racks /almoras are there it will consumes more power. Also, total room area can be reduced by arranging proper false sealing to have effective cooling from AC and less consumption of power)
- Encourage students to learn from the exhibited projects and take it forward for day to day use. This generates interest among students to do something on their own to serve the society

Action Plan for Greenery and Plantation

- Planting location specific plants enables good growth of trees.
- Setup bio fertilizer plant on campus or acquire the same from nearby industries like sugar plants etc.
- Encouraging students and society to plant trees and look after until it grows as a sense of belongingness.
- Train the students to go for plants which will grow to be big trees but not very small plants or decoration plants.
- Create interest among students and community to by involving them in programs like sowing seeds through drones and other means.

Note: A meeting was conducted with few students about the tasks through Cisco Webex online meeting and the suggestions received from the students and the future action plans were discussed to take it forward.

