



MGNCRE

महात्मा गांधी राष्ट्रीय ग्रामीण शिक्षा परिषद  
**Mahatma Gandhi National Council of Rural Education**  
 Department of Higher Education, Ministry of Education, Government of India



## World Environment Day – 5th June 2022 Theme: Only One Earth!

MGNCRE calls for Higher Education Institutions (HEIs) to encourage and rehabilitate the environment. HEIs need to be the beacons for environmental resilience.

Activities- HEIs, Faculty and Students can pick up ONE activity to implement in the next week or more than ONE activity also can be conducted.

### Activities :

1. Build up! Outdoor classrooms and healthy open places on Campus
2. Greening and Greenery Rating
3. Reinforcing Greenery on Campus
4. Zero Waste Championship
5. Our Green Decisions - Show case your campus video.
6. Report on activities if designed on the theme or sustainability.



The activities done through MGNCRE are appreciated with a certificate based on the reports or documentation shared to [mgncre2023@gmail.com](mailto:mgncre2023@gmail.com). Conduct the activities as per the geographic feasibility. Before you begin activities please **Register**: <https://forms.gle/HSzYLS5J3w3DCiDB8>






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Where there is Rural Wellbeing  
 there is Universal Prosperity

## World Environment Day 5<sup>th</sup> June 2022

## Only One Earth!

*Calling Higher Education Institutions to Contribute to Swachh and Sustainable Earth*





**Leave Your Footprints on Earth for a Sustainable Future!**  
**Activities You Can Do – Unearth Yourself!**

- ✦ Find Out Area Under Green Cover in your Campus
- ✦ Initiate Campus Nursery – Distribute Plant Seeds
- ✦ Form Swachh Teams – Take up Challenge to Observe Zero Waste Week on Campus
- ✦ Appreciate & Award Best Performing Team Members as Zero Waste Champions!
- ✦ Document the Day's Proceedings and Send the Report to MGNCRE

Email: [mgncre2023@gmail.com](mailto:mgncre2023@gmail.com) Register: <https://forms.gle/HSzYLS5J3w3DCiDB8>




For Queries, Please Contact: Dr. C. Naveen Kumar Phone: 7000002102 Email: [mgncre2023@gmail.com](mailto:mgncre2023@gmail.com)

## Activity 1

### Build up! Outdoor classrooms and healthy open places on Campus

Our campus grounds provide excellent learning opportunities on plant and animal resources and the natural world around you on the campus map. Proper land use can transform our campus area into biologically diverse outdoor classrooms and healthy open spaces.



Create new one

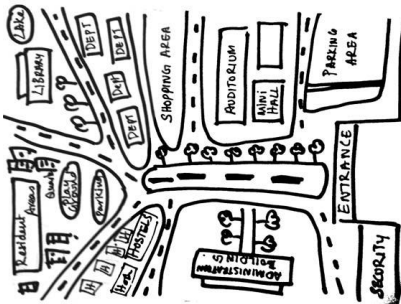
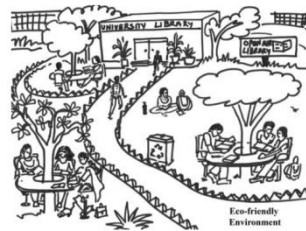



Utilize open tree shade



Utilize gardens (Ex: HEI, MES Keveeyam)

## STEPS

1. **Survey and ground study** Greenery- **conduct** the study with Google Map and **engage** with the campus and college. This survey needs to spread awareness about **World Environment Day** and **popularize** the concept of **sustainability and living in tune with the nature**.
  2. **Find out with your study:**
    - I. Area under green cover
    - II. Campus Nursery Management
    - III. Plant Protection Management
    - IV. Constructed Area
    - V. Green area inside the boundary
    - VI. Un-constructed barren area and others
- 

3. **Generate** the Data from the survey and **consolidate** the data for analysis.
  4. **Highlight** the areas which **need** immediate environmental action and **prepare** a list of things to do.
  5. **Prepare** the **Campus Map**. **Mark** the areas on Campus Map where the action is required. **Display** the marked campus map and the list of things to do notice board.
  6. The Green Team(s) **need** to meet all the departments and **conduct** meetings for exchange of ideas holistic understanding of the campus scenario in terms of **greenery and way forward**.
  7. **Identify** a open place which **can be converted** to outdoor classroom. The outdoor class room needs to be planned in the areas of shade under the trees or building shadow areas in the afternoons.
  8. Prepare a **strategy** to **create** green **outdoor classrooms** based on the campus map. **CREATE AN OUTDOOR CLASSROOM IN ALREADY AVAILABLE OPEN PLACES (OR) PLOT A NEW ONE**.
  9. **Plan and mark** the dimensions of the outdoor classroom. Label or give a name to the class room. Names can be chosen from ecosystem terminology.
  10. Prepare a **plot for outdoor classroom by marking using white lime powder**. The class room could be in circular shape or rectangle shape. The outdoor classroom shall accommodate 40 people - ample seating capacity, 40 chairs in general.
  11. **Collect** the saplings of medicinal, flowering and fruit bearing plants. **Plant** them on the **boundaries of the plot**. Based on the soil you could plant local species.
  12. Now discuss and find out what environmental creativity and innovation can be added- a way forward.
  13. If you want to make an out door class room **under trees** you need to clean the premises and utilize the shade. Beautiful flower gardens will add more aesthetic value.
  14. **PREPARE A REPORT** and share before 10<sup>th</sup> June 2022 to Email: [mgncre2023@gmail.com](mailto:mgncre2023@gmail.com)  
Team MGNCRE: Feel free to contact B S C Naveen Kumar 7660802102 2 P.M to 5 P.M 

## ACTIVITY 2

### Greening and Greenery Rating

**Green area** in the campus **reduces air pollution** and **helps thriving diverse local species of plants and animals**. We need to measure the **green area in the campus using Google Maps**. Then **monitor** the green area, we **need to manage** the green area on the campus.

The following are the steps: Calculate the percentage of green area on the campus.

**33% Area under Green Cover 66 Points @ 2 points per 1% of Green Cover**

SNo	Criteria	Maximum Points	Pointsscored
1	Areaundergreencover	66	
2	Campus NurseryManagement	14	
3	PlantProtectionManagement	20	
	Total	100	

Find out the total land area available on the campus and fill in the table.

Total Land Area Occupied	
Description	Area in Square Metres
Constructed area	
Green Area inside the boundary (Green area includes any area which has grass cover, tree cover and horticulture)	
Unconstructed barren area or others	
Total land area	

**The percentage of green area =**

*(Total green area in square metres x 100 x 0.66) divided by Total area in square metres=*

**Note: Weightage: Green area carries 66 points.**

#### Campus Nursery Management 14 Points

For initiating the campus nursery, the seeds from trees and shrubs in and around the campus are to be collected. Do they have the capacity to survive in the campus or are they native to the campus. They are to be planted in the campus nursery and kept under supervision of trained nursery manager. These saplings from the campus nursery are to be planted in empty and barren spaces, in and around the campus.

#### NURSERY MANAGEMENT

SNo	Campusinitiatives	Points	Managementres ponse	Scored
1.	Allocationofdesignatedplaceforplantation	4		



2.	Maintenance of nursery with shade and water	4
3.	Nursery staffed	4
4.	Nursery strategy for campus and community plantation	2
Total		14


### Plant Protection and Plantation Management 10 Points

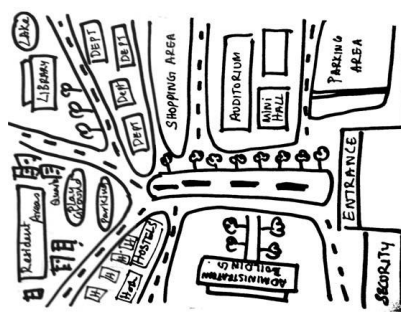
There is need for managing the protection of plants in the campus on a continuous basis. This is possible with continuous watch of the growth of the saplings and later the planted trees. Old trees which fall are to be replaced. Wherever there is a need for protection from pests and insects bio pesticide is to be administered. Wherever a sapling doesn't survive replacement plantation is to be done as a strategy. Basing on the adoption of the strategies for nursery the following points can be given:

#### PLANT PROTECTION AND PLANTATION MANAGEMENT

SNo		Maximum Points	Yes	No	Points Scored
1.	Plantation monitoring	4Pt (if yes)			
2.	Plants support with bio fertilizers and water support	4Pt (if yes)			
3.	Replacement plan for plantation	4Pt (if yes)			
4.	Controlled Bio pesticide administration	2Pt (if yes)			
5.	Locational Drip support	6Pts (if yes)			
	Total		20 Points		

### STEPS

- Survey and ground study** Greenery- conduct the study with Google Map and engage with the campus and college. This survey needs to spread awareness about **World Environment Day** and popularize the concept of **sustainability and living in tune with the nature**.
- Find out with your study:**
  - Area under green cover
  - Campus Nursery Management
  - Plant Protection Management
  - Constructed Area
  - Green area inside the boundary
  - Un-constructed barren area and others
- Generate the Data from the survey and consolidate the data for analysis. And Score yourself the campus greenery based on the above tables.**
- Highlight the areas which need immediate environmental action and prepare a list of things to do.**
- Prepare the Campus Map. Mark the areas on Campus Map where the action is required. Display the marked campus map and the list of things to do notice board.**
- The Green Team(s) **need to meet all the departments and conduct meetings for exchange of ideas holistic understanding of the campus scenario in terms of greenery and way forward.**
- PREPARE A REPORT and share before 10<sup>th</sup> June 2022 Saturday to Email: [mgncre2023@gmail.com](mailto:mgncre2023@gmail.com)**  
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## ACTIVITY 3

### Reinforcing Greenery on Campus

ACTIVITIES THAT CAN BE PLANNED FOR REINFORCING GREENERY: Form Green Student Teams

#### 1. Initiating the campus nursery 2. Plant Protection Management

##### 1. INITIATING THE SUSTAINABLE CAMPUS NURSERY:

Form Green Student Teams

Conduct a discussion on the achievements of the college in greenery. Give a vision to the teams.

##### **Nurse!**

- Collect the seeds from trees and shrubs in and around the campus.
- Find out if they have the capacity to survive in the campus.
- Find out if they are native to campus.
- Select a place to make sampling as per the principles of gardening.
- Plant these collected seeds in the campus nursery and keep under supervision.
- These saplings from the campus nursery are to be planted in empty and barren spaces, in and around the campus.

##### **Protect!**

- Watch the growth of saplings and later the plants.
- Old trees which fall are to be replaced.
- Administer bio pesticides as per the need.
- Have a replacement strategy wherever the sapling does not survive.

##### 2. INITIATING THE SUSTAINABLE CAMPUS NURSERY FOR MANGO TREES

In addition, students could make a collection of mango seeds at their home. The mango seed bank can be formed. Next, plant these collected mango seeds in the campus nursery and keep under supervision.

**The above initiatives can be commenced and an interim report could be submitted.**

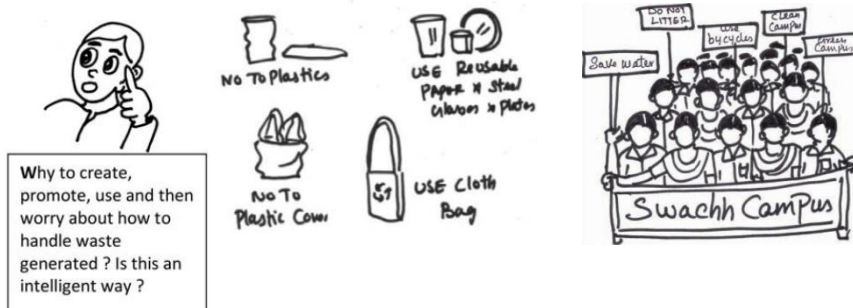
PREPARE A REPORT and share before June 10<sup>th</sup> 2022 Saturday to Email: [mgncre2023@gmail.com](mailto:mgncre2023@gmail.com)

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## ACTIVITY 4

### Zero Waste Championship Steps

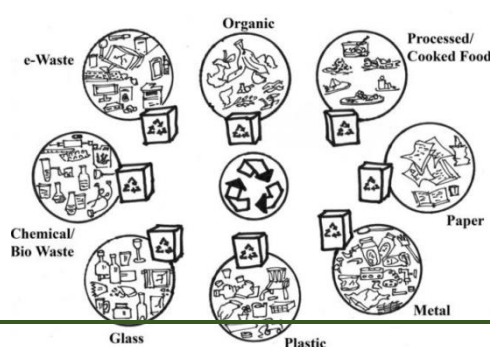


1. Form Swachhta teams.
2. Form virtual divisions on campus by preparing campus map using Google Map.
3. Offer challenges to the teams to make/ demonstrate zero waste for one week on campus divisions.
4. The student teams will work with peaceful and cordial vigilance regarding demonstration of waste management.
5. The teams will use minimum 7 bins or gunny bags with labels. The labels are prepared based on the material nature of the waste generated in the campus.
6. The teams will coordinate with the students in segregating the waste generated on the campus. The teams will guide the students in segregation of the waste before disposing/ dropping the waste into the bags. Minute considerations are also seen to while segregating. For example a ball point pen has 3 to 4 components. It has a metal tip; rubber; polythene label; plastic body. Similarly a pet bottle has a cap of different plastic a bottle of different nature and a label. Separating the waste components, recycle-able components and reusable components is very important.
7. The teams will **build consensus** to **observe** Electricity Free/Fuel Free/Plastic Free Days Organize Awareness Campaigns about Swachhta, Water Conservation, Recycling, Sanitation, Hygiene, Post COVID safety measures - in Campus and Neighbourhood.
8. The teams will coordinate, organize sessions for Making Paper Bags, Creative Arts and Crafts from Recycled Material
9. The teams will **initiate and complete** Organizing Water Feeders for Birds, Composting process for green waste, Seeds Distribution, Herbal Gardens maintenance, Fix Leaking Taps/ Put Waste Segregation Bins at appropriate places. Conduct games on college waste segregation.
10. Check Water Bodies/Initiate Rainwater Harvesting Pits/Evolve Monitoring Aspects- Safety is must while working take the help of non-teaching staff.
11. The management will take a report/ presentation from the teams. The management will Appreciate and Award best performing Team with zero waste championship Certificates. MGNCRE can also be associated.
12. Swachhta teams take a pledge to keep campus and neighbourhood clean on **June 5<sup>th</sup>**.

The above initiatives can be commenced and an interim report could be submitted.

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## ACTIVITY 5

### Our Green Decisions - Show case your campus video

#### Steps

- Form Student teams and provide faculty support.
- The teams shall make a green campus video.
- The faculty members in the video shall explain the '**What, Why and How**' aspects of green initiative of the campus.
- The students in the video will explain the procedures and process involved in making the campus green and eco-friendly.
- Video links can be sent which are in 5 min clips or Video can be uploaded on college You tube sharing the link to [mgncre2023@gmail.com](mailto:mgncre2023@gmail.com) . Share the links as per ease in opening by MGNCRE Team. Kindly Turn Off the restricted mode while sharing the link.

PREPARE A REPORT and share before 28<sup>th</sup> May 2022 Saturday to Email: [mgncre2023@gmail.com](mailto:mgncre2023@gmail.com)

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## ACTIVITY 6

### Plan a Programme as per the theme of the year and apply its aspects to campus or Neighbour hood community.

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