Swachhta Pakhwada Initiatives at IGCAR & GSO Kalpakkam

SWACHHTA PAKHWADA
16TH TO 28TH FEBRUARY 2018
Objectives

- To maintain healthy surrounding through innovative integrated approach

- Innovative methods to develop an eco-friendly environment

Paperless Office Procedures, Planting of Trees etc.,
## Activities Undertaken at IGCAR

<table>
<thead>
<tr>
<th>Activity</th>
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<tbody>
<tr>
<td>Erection of banners, Swachh Bharat slogans</td>
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<tr>
<td>Cleaning and maintenance of RO systems and filter systems for drinking water and storage tanks for drinking water</td>
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<tr>
<td>Segregation of E-wastes and arranging for disposal</td>
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<td>Planting of saplings and cleaning of surroundings within the plant site and township</td>
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<td>Clean office premises</td>
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<td>Signage board for buildings</td>
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<td>Location maps within plant site and township</td>
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<tr>
<td>Segregation of waste at source in laboratories and workshops</td>
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<tr>
<td>Weeding of records</td>
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<tr>
<td>Swachh Bharat slogan competitions</td>
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<td>Workshop / seminar and invited talks</td>
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Steps Towards Swachhta Pakhwada

Publicity through banners

- Adequate publicity given for observing Swachhta Pakhwada banners at various Entrances/Gates in IGCAR campus
- Posters and banners displayed at various Groups / Buildings, Central canteen

Slogan competition

- Immense response from employees
- Three best slogans to be awarded prize
- Also selected slogans displayed at prominent places in IGCAR campus

Cleaning of office premises

Efforts towards making working place clean and hygienic

- Unused material
- E-waste items
- Arranging of old records
- Cleaning of record rooms
Swachhta at IGCAR
Swachhata at a Facility

- Action initiated to construct the damaged dump yards with new one;
- Leading roads being improved
- Action was initiated to dispose e-wastes like old CRT monitors etc.
- Landscaping near service building improved
- Construction debris removed and fresh soil with manure is being filled
Swachhta at a Construction Site

- Display of Posters
- Water tank cleaning
- Cleaning around canteen and workshop building

Open area cleaning

Before

After
Swachhta at a Canteen

Cleaning at the Back Side

Before

After
Swachhta at a Facility

- 3000 numbers of bottles segregated and cleared from site
- Around 1.5 tons of metal scraps and 300 kg of wooden scraps segregated and cleared from site in coordination with stores
- Civil related scraps cleared from site in coordination with Civil group
- E-wastes collected and stored separately
Swachhata at a Facility
Swachhta at a Facility

- Segregation of laboratory level wastes
- Overall house keeping activities
Swachhata at a Laboratory Building

Lab waste collected – To be Disposed

Control Room Area after Cleaning

SGTF Area

Poster display at an entrance

An area after cleaning
Swachhta at a Facility

Before

After

Before

After
Swachhta at a Facility
Swachhta at a Facility

Before

After
Swachhta Pakhwada Banner Display

Main Gate

IGCAR Gate

FBTR Gate
Clean and Neat Environment at IGCAR campus
Swachhta Pakhwada Activities
Nursery / Sapling
Swachhta at Library

Before

After
Swachhta at BARC Training School at IGCAR Campus
Swachhta Pakhwada - Display of Banner at BARC Training School at IGCAR and Homi Bhabha Building
On concluding day (28.02.2018) of the Swachchta Pakhwada

- An invited talk on ‘Solid Waste Management’ by Dr. Mangalam Balasubramanian from M/s Exnora Green Pammal an NGO was arranged at Raja Ramanna Auditorium, IGCAR, participated by Officers and Staff members of IGCAR.

- Prizes for three ‘Best Clean Office Premises’ among the Groups of IGCAR have been awarded.

- Prizes for winners of ‘Slogan Competition’ in three languages have been awarded.

- The Slogans were displayed in the Auditorium.

- The activities carried out during the Swachchta Pakhwada was detailed by Director (P&A), IGCAR.
GENERAL SERVICES ORGANISATION,
KALPAKKAM

SWACHHTA PAKHWADA
16TH TO 28TH FEBRUARY 2018
Our Steps Towards Swachhata Pakhwada
Activities Undertaken at GSO

<table>
<thead>
<tr>
<th>Activity</th>
<th>Details</th>
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<tbody>
<tr>
<td>Awareness Campaign on Segregation of Waste at Source</td>
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<td>Collection of Waste from Township</td>
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<tr>
<td>Segregation of biodegradable and non biodegradable waste collected from the Township</td>
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<tr>
<td>Conversion of biodegradable waste into useful Biogas and Manure</td>
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<tr>
<td>“Say No to plastics” – issuing placards to shop keepers at Kalpakkam Township</td>
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<tr>
<td>Disposal of plastic waste by Swatch machine</td>
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<tr>
<td>Cleaning of office premises by the GSO staff</td>
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<td>Rally from GSO Annex to CISF Barracks by GSO staff</td>
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<tr>
<td>Conducting Technical Talk on Zero Waste Management system</td>
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Collection of Waste at Kalpakkam Township
SEGREGATION OF WASTE
SEGREGATED PLASTIC WASTE
Swatch Machine - Disposal of Plastic Waste
கொழும்பில் குளநூற்றாண்டு பதிவை நூறு நிலையங்கள் அமைக்கப்

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Conversion of biodegradable waste into useful Biogas and Manure

Nisargruna Technology Based
Granule based Sequential Batch Reactor (SBR)
Cleaning Campaign
Beach Cleaning Campaign
GSO-Coast Guard-CISF-Fishermen
Swachhta Awareness through Kindergarten Children
CAMPUS CLEANING
FANCY DRESS

SAY NO TO PLASTICS
Future plan

BRIQUETTING MACHINE for disposal of dry leaves

- Collection of kitchen waste and converting into bio gas
- Collection and Disposal of plastic waste (Swachh Machine)
- Regular Campaigns on Swachh Bharat Initiatives
- Swatch Machine & Briquetting Machine at Anupuram
Thank You