

Firefighting at different locations: During this period the fire crew of Fire and Safety Section, RRCAT promptly attended 03 fire calls, which include R&D Block-B, 132 kV Substation and RRCAT Medical Centre. Fire was successfully controlled & extinguished within few minutes.

Reported by:
Vivek Bhatnagar (vivek@rrcat.gov.in)

N.12: Clean and Green Campus Activities at RRCAT

The symbiotic relationship between nature and human life is the basis of our existence on the planet Earth. In this direction, sustained efforts have been made over the years to develop a clean, green and beautiful RRCAT campus by developing gardens, parks, lush green playfields and landscapes, and large-scale planting of trees. This year also, during the monsoon season, a massive tree plantation program was undertaken in RRCAT technical area on the backside of the HBNI Building with the aim of protecting the environment and improving the biodiversity of the campus. The plantation campaign was kick started on 8th July 2022 by Dr. Anil Kakodkar, Chancellor, HBNI, and former Secretary, DAE, and Chairman, AEC, by planting a sapling of Kapoor (cinnamomum camphora) during his visit to RRCAT for inauguration of the Light Exploratorium at Sukhniwas Palace. Thereafter, a massive tree plantation at this site on September 6, 2022, which was graced by members of the Director's Advisory Committee (DAC) and the support was provided by the members of the Advisory Committee for Clean and Green Campus (ACCGC) of RRCAT, and the staff of the Horticulture Section. The theme of plantation was “Miyawaki afforestation”, which is a high density tree plantation scheme aimed at creating a multilayered urban forest using native tree species with a thrust on beauty, colour, canopy, shape, texture and foliage. Plants selected in this drive were trees and shrubs, which grow 10 times faster and 30 times denser than the traditional ones, and have ornamental value. The selected varieties require upkeep for only the first three years and thereafter grow on their own and require minimum care. For this purpose, a combination of perforators, water retainers and fertilizers are mixed with the existing soil. Perforator materials such as left-out shrubs/hedges on pruning, lawn clippings, dried/defoliated leaves, aquatic weeds allow the plant roots to grow quickly and also allow the soil to retain more moisture and water in comparison to the soil's natural water retention capacity. About 150 MT organic garden waste was used for development of the Miyawaki forest at the plantation site near HBNI building. Different types of species were planted to enrich the biodiversity of the area, which include Arjuna, Neem, Maulsari, Pilkhan, Siris, Milletia, Kachnar, Imali, Putranjiva, Behara, Jamun, Wood apple, Gondi, Mahua, Aam, Harsingar, Bamboo, Kathal, Palash, Harra, Guava, Chirol, Bijasal, Khirani, Gardenia, Caesalpinia, Murraya, etc. In all, about 1500 plants of 75 heterogeneous species were planted during the campaign with a special focus on rare and endangered flora of Madhya Pradesh. Plants used in the

campaign were raised and reared in-house in the RRCAT nursery. The plantation area at this site is equipped with an innovative deep-root drip irrigation technique, which helps in water conservation.



Dr. Anil Kakodkar, Chancellor, HBNI, and former Secretary, DAE and Chairman, AEC, planting a sapling during his visit to RRCAT. Dr. S. V. Nakhe, Director, RRCAT (4th from left) and senior officers accompanying the Chief Guest.

Periodic cleanliness drives are undertaken in RRCAT to keep the campus clean. The objective of the 'Cleanliness Campaigns' is to take up sanitation initiatives, mobilise people and reinforce the mass movement for cleanliness to contribute to Mahatma Gandhi's dream of a clean India. In this regard, a special cleanliness campaign was undertaken in RRCAT premises during 2nd to 31st October, 2022. The importance of maintaining cleanliness in-and-around our working as well as residential areas has become even more important in the light of COVID-19 pandemic. All the Divisions in RRCAT technical area actively participated in this cleanliness campaign, which included cleaning inside-and-around each building, rearrangement of equipment in the Labs for efficient utilisation, cleaning of working tables and sitting places, floor cleaning, proper routing of cables and hose pipes, identifying the non-functional materials and shifting it to a selected place to declare them as scrap, cleaning of windows and pelmets of Labs and sitting rooms, and dusting of roofs and walls.



A few RRCAT staff members assembled after the cleanliness drive in-and-around their building.

The waste collected in each of the Division & Section was placed at selected location near the individual building, which was then collected by the Stores Unit of RRCAT for further segregation and proper disposal as per the norms set by the Indore Municipal Corporation. A tractor trolley ferried from building to building for collection of the waste and its disposal.

A special cleanliness drive was also conducted in the residential premises of RRCAT for collection of odd-size wastes and electronics wastes from the residences of the employees. This exercise was in-addition to the regular collection of domestic waste, which is done in a door-to-door manner on daily basis from every residence of the RRCAT colony.

The novel initiatives undertaken by RRCAT in the direction of swachhata as well as water conservation have been appreciated by the Municipal Authorities of Indore city. For these efforts, Indore Municipal Corporation (IMC) has awarded two “Certificates of Appreciation” to RRCAT, one for the general swachhata related developmental initiatives and other for the water conservation efforts.



Certificates of Appreciation awarded by Indore Municipal Corporation to RRCAT for Swachhata (left) and Water Conservation (right) initiatives.

The clean and green campus activities are coordinated by the Advisory Committee for Clean and Green Campus (ACCGC) of RRCAT under the guidance of Dr. Shankar V. Nakhe, Director, RRCAT. Successful completion of the above reported activities was possible due to the enthusiastic support and cooperation received from multiple agencies of RRCAT, especially the Horticulture Section, Civil Construction and Maintenance Section, Construction and Services Division, RRCAT, security and CISF personnel.

*Reported by:
Sunil Verma (greencampus@rrcat.gov.in)*

N.13: Activities of RRCAT Staff Club

RRCAT Staff Club organizes welfare activities in the areas of

sports, music, culture, yoga and health to provide a holistic development environment to its members and their families. In addition to regular on going activities, several events have been organized in the period from July to December 2022.

RRCAT Staff Club conducted one-day track at Barfani fall on 14th August, 2022 and at Tekwa fall on 25th September, 2022 for members of RRCAT Staff club. A total of 300 members and their wards participated in the tracking.



Photograph of trackers at Barfani fall.

In order to commemorate 75th anniversary of Independence (Azadi Ka Mahotsav), RRCAT Staff Club in association with RRCAT Administration, and RRCAT Consumer Co-operative Society organized a “Tiranga Yatra” on 13th August, 2022. In addition to this, National Flag (Tiranga) was provided to all residential houses of RRCAT colony at no cost for hoisting on these houses.



Tiranga Yatra organized to commemorate 75th anniversary of Independence.

Members of RRCAT Staff Club and their children participated in State-level Pickle ball championship and subsequently got selected for 2nd National Pickleball championship held during 7th to 9th October, 2022 in Indore. A total of 08 medals (03 Gold, 02 Silver and 03 Bronze) were won by wards of RRCAT Staff Club members in different categories. RRCAT Staff Club also facilitated the winners. RRCAT is also entrusted to organize Dwarka group team selection trials for Chess, Basketball and Football.