



ACTIVITY REPORT

CAMPUS CLEANLINESS DRIVE USING GANDHI CHHADI -PHASE I, INNOVATION FOR WASTE COLLECTOR

Organized by

**Mehr Chand Mahajan DAV College for Women,
Chandigarh (U.T.)**

in association with

**Mahatma Gandhi National Council of Rural
Education (MGNCRE), Ministry of Education,
Govt of India.**



MAHATMA GANDHI NATIONAL COUNCIL OF RURAL EDUCATION
MINISTRY OF EDUCATION GOVERNMENT OF INDIA



Mehr Chand Mahajan
DAV College for Women, Sector 36-A
Chandigarh.



LET'S GO CLEAN

BE YOUR OWN LEADER
JOIN THE INDIVIDUAL CLEANLINESS DRIVE

GANDHI CHHADI

Innovation for Waste Collector
Phase 1
(27.12.2021 to 31.12.2021)



Activity : Campus Cleanliness Drive using Gandhi Chhadi -Phase I, Innovation for Waste collector (27 Dec 2021 to 31 Dec 2021)

Date : 27 Dec 2021- 31 Dec 2021

Organized by: Mehr Chand Mahajan DAV College for Women, Chandigarh in collaboration with Mahatma Gandhi National Council of Rural Education (MGNCRE), Ministry of Education, GOI.

Convenor and Principal: Dr. Nisha Bhargava

Chairman (MGNCRE): Dr. W G Prasanna Kumar

Coordinators: Dr.Suman Mahajan, Dr. Vandana Sharma and Dr.Sandeep Kaur

Student participation: 50 students volunteers (Find list attached in Annexure-I)

Objectives :

- To imbibe the concept of cleanliness and waste segregation among students, staff and cleanliness helpers through the use of an innovative patented tool named as Gandhi Chhadi.
- To generate awareness and demonstrate the use of such innovative and unique rag picker tool by the cleanliness staff.
- To motivate the regular use of waste collector tool for effective segregation on daily basis for strengthen the concept of 3R's and turning waste into some useful items.

Brief Report:

Mehr Chand Mahajan DAV College for Women has always been the forerunner in contributing towards the Swachhta mission and has been working proactively in this direction. Committed to the cause of 'Swachhta', the college has undertaken a slew of initiatives inside the campus as well as at the community level including its adopted villages. The college has initiated unique innovative and scientific methods for managing solid and liquid waste thus deciphering the value of waste. The college has been pioneer in setting up the Biogas plant, Composting units and Vermin-compost units converting food waste and green waste into biofuel and high value manure. Further, college is actively involved in pursuing and executing research endeavors focused on utilization of domestic and green waste into mushroom cultivation, taking research on topics of environment sustainability, plastic degradation, bioplastic formation etc. College has set up in-

house Sewage treatment plant (STP) for recycling the tertiary treated water thus boosting the concept of waste conservation and effective liquid waste management. In addition to this, the college has accelerated the pace of realization of its green campus and sustainability mission through organizing frequent plantation drives, installation of solar lighting panels , rain water harvesting system , setting up of real-time air quality monitoring system, waste segregation by installation and emphasizing correct use of blue and green dustbins within the campus, discouraging use of plastics, consistent sensitization programs organized on sanitation, hygiene and cleanliness in campus as well as nearby villages i.e Bhadheri, Butrella, Kishangarh etc.

Further strengthening the concept of waste segregation, cleanliness and hygiene among society and young minds, college took up the Innovative waste collection initiative –Phase I (27 Dec 2021 – 31 Dec 2021) through use of a dignified patented tool referred as “Gandhi Chhadi”. This innovative pricker, recognized by Ministry of Urban Development, provides a dignified and easy way of collecting plastic, paper and similar waste at without touching the waste and in standing posture, without any need to constantly bend. This serves the biggest advantage of being a safe rag pricker tool allowing the user to be able to pick the waste with minimal exposure to infection causing agents and hazardous bacteria.

In this direction, the Swachhta Committee of the College in collaboration with Mahatma Gandhi National Council of Rural Education (MGNCRE), Ministry of Education, Government of India, organized various Campus Cleanliness Drives using Gandhi Chhadi under the Innovation for Waste Collector initiative- Phase-I. The drive was inaugurated by honorable Chief Guest - Shri H.R. Gandhar, Vice-president, DAV College Managing Committee and our worthy principal madam Dr. Nisha Bhargava as they stressed on the need to imbibe the habits of cleanliness and hygiene in one’s life. For this, the college made a total of ten such Gandhi Chhadi tools and further staff, students, safai karamchari and housekeeping personnel were made aware about this technology while demonstrating the process of using it for maximum waste collection. The committee members along with active participation of student volunteers (Annexure-I) demonstrated the correct operation of Gandhi Chhadi to the cleanliness staff and motivated to use it on a daily basis in the campus.

Quantity of Waste collected (27 Dec 2020- 31 Dec 2021) : 13-15 Kg (dry waste)

Quantity of Waste recycled and reused: The waste segregated and collected during Phase-I Innovation Collection Initiative while using Gandhi Chhadi was further recycled and reused for different purposes thus deciphering the value of waste. This is delineated below :

- The paper waste such as paper cardboards, paper cups, newspapers, paper plates etc was converted into decorative and useful items for daily use by the faculty and students of fine arts and other departments (as seen in Fig.1 below).



Fig.1 : Paper waste converted into decorative items and items of daily use

- Apart from this , the waste i.e cardboards, paper cups, wooden spoons, paper plates are also used as substrates for feeding into the vermicompost units. These waste materials are first shredded into smaller size and then hard cardboard or thick paper is moistened by soaking in water. Finally, the pretreated waste is dumped into the vermicompost units for undergoing the process of organic decomposition process utilising earthworms called vermicomposting. This turns the waste into high quality Vermicompost used as soil conditioner and manure.



Fig.2 : Conversion of Paper cardboard, paper cups, wooden spoons, paper cartons, paper plates as substrate for Vermicomposting thus converting into high quality manure (Vermicompost)

Press Coverage and Pics:

MCM holds cleanliness drive using 'Gandhi Chhadi'



CHANDIGARH: The Swachhta Committee of Mehr Chand Mahajan DAV College for Women, Chandigarh, in collaboration with Mahatma Gandhi National Council of Rural Education, Ministry of Education, Government of India, organised Campus Cleanliness Drive using Gandhi Chhadi under the Innovation for Waste collector initiative. The primary aim of the drive was to promote cleanliness and waste segregation through the use of an innovative patented tool named as Gandhi Chhadi. Sh. H. R. Gandhar, Vice President, DAV College Managing Committee and Senior Governing Body Member of the college graced the occasion. Lauding this initiative, Sh. Gandhar said that such activities further strengthen Gandhian ideals and motivated the students to imbibe the principles of Gandhian philosophy for progress of the nation. Over 50 student volunteers and 12 safai karamcharis participated in the drive. Gandhi Chhadi is a waste collection tool, recognised by Ministry of Urban Development, Government of India, that provides an efficient and hygienic way of collecting plastic, paper.

स्वच्छता अभियान चलाया

चंडीगढ़, 30 दिसंबर (आशीष):
सैक्टर-36 स्थित मेहर चंद महाजन डी.ए.वी. कॉलेज फॉर वूमैन की स्वच्छता समिति ने महात्मा गांधी राष्ट्रीय ग्रामीण शिक्षा परिषद, शिक्षा मंत्रालय, भारत सरकार के सहयोग से इनोवेशन फॉर वेस्ट कलेक्टर पहल के तहत गांधी छड़ी द्वारा कैम्पस में सफाई अभियान का आयोजन किया। अभियान का प्राथमिक उद्देश्य गांधी छड़ी नामक एक अभिनव पेटेंट उपकरण के उपयोग के माध्यम से स्वच्छता और अपशिष्ट पृथक्करण को बढ़ावा देना था। इस अवसर पर डी.ए.वी. कॉलेज प्रबंध समिति के उपाध्यक्ष और कॉलेज के सीनियर गवर्निंग बॉडी मेंबर एच.आर. गांधार ने शिरकत की। इस पहल की सराहना करते हुए गांधार ने कहा कि इस तरह की गतिविधियां गांधीवादी आदर्शों को और मजबूत करती हैं और छात्रों को राष्ट्र की प्रगति के लिए गांधीवादी दर्शन के सिद्धांतों को आत्मसात करने के लिए प्रेरित करती हैं।

एमसीएम ने 'गांधी छड़ी' के माध्यम से स्वच्छता अभियान

चंडीगढ़, 30 दिसंबर (राम सिंह बराड़) : मेहर चंद महाजन डीएवी कॉलेज फॉर विमेन, चंडीगढ़ की स्वच्छता समिति ने महात्मा गांधी राष्ट्रीय ग्रामीण शिक्षा परिषद, शिक्षा मंत्रालय, भारत सरकार के सहयोग से इनोवेशन फॉर वेस्ट कलेक्टर पहल के तहत गांधी छड़ी द्वारा कैंपस में सफाई अभियान का आयोजन किया। अभियान का प्राथमिक उद्देश्य गांधी छड़ी नामक एक अभिनव पेटेंट उपकरण के उपयोग के माध्यम से स्वच्छता और अपशिष्ट पृथक्करण को बढ़ावा देना था। इस अवसर पर डीएवी कॉलेज प्रबंध समिति के उपाध्यक्ष और कॉलेज के सीनियर गवर्निंग बोर्डी मेंबर एच. आर. गांधार ने शिरकत की। इस पहल की सराहना करते हुए गांधार ने कहा कि इस तरह की गतिविधियां गांधीवादी आदर्शों को और मजबूत करती हैं और छात्रों को राष्ट्र की प्रगति के लिए गांधीवादी दर्शन के सिद्धांतों को आत्मसात करने के लिए प्रेरित करती हैं। इस अभियान में 50 से अधिक छात्र स्वयंसेवकों और 12 सफाई कर्मचारियों ने भाग लिया। गांधी



एमसीएम कॉलेज में सफाई अभियान में भाग लेते हुए विद्यार्थी, साथ ही कॉलेज प्रिंसिपल डॉ. निशा भार्गव।

(छाया: गुरिन्द्र सिंह)

छड़ी एक कचरा संग्रह उपकरण है, जिसे शहरी विकास मंत्रालय, भारत सरकार द्वारा मान्यता प्राप्त है, जो बिना हाथ को छुए प्लास्टिक, कागज और इसी तरह के कचरे को इकट्ठा करने का एक कुशल और स्वच्छ तरीका प्रदान करता है। इसमें

शामिल शिक्षकों ने इस सरल अपशिष्ट संग्रह उपकरण और इसके पीछे के विचार को उन छात्रों के सामने प्रदर्शित किया, जिन्होंने इस उपकरण का उपयोग करके स्वच्छता अभियान में सक्रिय रूप से भाग लिया।

MEHR CHAND MAHAJAN DAV COLLEGE FOR WOMEN, CHANDIGARH
Cleanliness Drive using 'Gandhi Chhadi' and Winner of Jingle & Video Competitions
organised by Chandigarh MC under Swachh Sarevkshan 2022

Sh. H.R.Gandhar, Vice President, DAV CMC, Principal Dr. Nisha Bhargava, staff members & students during the cleanliness drive.

(L-R) Ms. Ishmeet Kaur & Cdt Aditi Joshi being felicitated by Sh. Dharam Pal, IAS, Adviser to UT Administrator for securing 1st prize in Jingle Competition and 2nd prize in Movie Competition, respectively.



Multiple waste collection in
one go without hand touching
– Power of Gandhi Chhadi



Fig.: Housekeeping staff and cleaning staff using Gandhi Chhadi for waste collection and segregation

Annexure-I : List of Students participated

1. Shruti
2. Kanika
3. Khushi
4. Shivani
5. Aishita
6. Vaishnavi
7. Ashreya
8. Neha
9. Manpreet
10. Prerna
11. Dhruvika
12. Pallavi
13. Manpreet
14. Prerna
15. Pallavi
16. Jyotsana
17. Ramanjot
18. Komal
19. Shivani
20. Tamanna
21. Neetu
22. Geet Bhatia
23. Gurpreet
24. Vanni
25. Shubnam
26. Sejal
27. Harleen
28. Manvi
29. Samiksha
30. Fagun
31. Gauri
32. Surbhi Saini
33. Aditi Uppal

34. Aditi Rana
35. Amritpreet
36. Ruchika
37. Palak
38. Nilakshi
39. Vrinda
40. Arzoo
41. Liza
42. Nitigya
43. Ishrat
44. Muskaan
45. Gopi
46. Asmita
47. Harpreet Kaur
48. Bhavneet
49. Sugam
50. Kanika