

# SWACHHATA PAKHWADA REPORT

## From

# NIPER-HYDERABAD



**स्वच्छता पखवाड़ा**  
**SWACHHTA PAKHWADA**

राष्ट्रीय औषधीय शिक्षा एवं अनुसंधान संस्थान  
औषधीय विभाग, रसायन एवं उर्वरक मंत्रालय, भारत सरकार

**NATIONAL INSTITUTE OF PHARMACEUTICAL EDUCATION AND RESEARCH  
(NIPER) HYDERABAD**

Department of Pharmaceuticals, Ministry of Chemicals & Fertilizers, Govt of India



HYDERABAD



**स्वच्छता पखवाड़ा**  
**SWACHHTA PAKHWADA**



**NIPER Hyderabad**

HYDERABAD

## **Swachhata Pledge**

Mahatma Gandhi dreamt of an India which was not only free but also clean and developed.

Mahatma Gandhi secured freedom for Mother India.

Now it is our duty to serve Mother India by keeping the country neat and clean.

- I take this pledge that I will remain committed towards cleanliness and devote time for this.
- I will devote 100 hours per year that is two hours per week, to voluntarily work for cleanliness.
- I will neither litter nor let others litter.
- I will initiate the quest for cleanliness with myself, my family, my locality, my village and my work place.
- I believe that the countries of the world that appear clean are so because their citizens don't indulge in littering nor do they allow it to happen.
- With this firm belief, I will propagate the message of Swachh Bharat Mission in villages and towns.
- I will encourage 100 other persons to take this pledge which I am taking today.
- I will endeavour to make them devote their 100 hours for cleanliness.
- I am confident that every step I take towards cleanliness will help in making my country clean.

## Detailed Action Plan on “SWACHHATA PAKHWADA” DURING 1– 15<sup>TH</sup> SEPTEMBER 2018

### Identified Locations for Action Plan:

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|   |   |
|---|---|
| i. All department research & general laboratories | xii. All staircase places                                   |
| ii. Seminar, conference & Lecture halls           | xiii. Gardens in and around the premises and approach roads |
| iii. Central Library facility                     | xiv. Terrace of the Institution                             |
| iv. Computer labs                                 | xv. Entire Boys & Girls hostels premises                    |
| v. Central animal house facility                  | xvi. Wash rooms (Toilets)                                   |
| vi. Centre for instrumentation facility           | xvii. Water tanks   |
| vii. Administrative block                         | xviii. Sanitary system                                      |
| viii. Examination centre                          | xix. Cleaning of IDPL Township & awareness program          |
| ix. Stores & Purchase section                     | xx. Govt. School, Qutbullapur, Jeedimetla Village           |
| x. Auditorium                                     |   |
| xi. All corridors & lobbies                       |   |

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### Day 1 (1<sup>st</sup> Saturday September 2018)

- Uploading of Messages of Hon'ble Minister (Chemicals & Fertilizers) and Hon'ble Minister of State (Chemicals & Fertilizers) on Swachh Bharat Awareness on the Website of the Department.

### Day 2 & 3 Holidays (2<sup>nd</sup> Sunday & 3<sup>rd</sup> Monday September 2018)

### Day 4 (Tuesday 4<sup>th</sup> September 2018) morning at 10:00 am in Auditorium

The involvement of all the students, staff, and faculty including Director, Dean, Registrar, and other staff of NIPER-Hyderabad shall act as “Swachh Doot” (Ambassador) of the Institution cleanliness and nation campaign for the cause.

It is generally said that “Cleanliness is next to Godliness” but we say “**Cleanliness is Godliness**”. NIPER-Hyderabad conducted a ‘**Swachhata Pakhwada**’, ‘14’ day program in which the students of all disciplines have come together and devoted their time for cleaning the institution premises, IDPL colony and Govt. School, Qutbullapur, Jeedimetla Village. A 14 day schedule was prepared for carrying out the cleanliness mission, after which students of all the departments were allotted different areas for cleaning, which they carried out with dedication.

This program has been started with ‘**Swachhata Pledge**’ in the institution auditorium on 4<sup>th</sup> September 2018 with the involvement of Director, Registrar, faculty, staff, and all the students including out sourcing people of NIPER-Hyderabad. Everyone whole heartedly committed themselves for the cause of achieving the goal of cleanliness at the above identified places under the “**Swachhata Pakhwada**” program during **1 to 15<sup>th</sup> Sep. 2018**. After the ‘Pledge’, all of them went to the sports ground and approach roads of NIPER-Hyderabad with adequate cleaning tools to accomplish the cleanness and to maintain the aesthetic look of the campus. This area had having a lot of weeds/bushes, polyethene covers, and plastic waste at periphery of the walls and in the approaching roads. Due to heavy rains, this sports ground was fully grown with unwanted plants/weeds/bushes. Many of the faculty, staff, and students successfully participated in removing of these unwanted

plants/weeds/bushes to clean and maintain the sports ground playable. Each one of them is consistently supported and participated for this 4<sup>th</sup> day of program about 2 hours.



### Day 5 (Wednesday 5<sup>th</sup> September 2018)

In continuation of the task on day 5, we have cleaned and made the entire sports ground in a playable manner. We have cleared all the approach roads where unwanted weeds were grown. Next, we have planted about 100 fruit saplings in the NIPER premises under this program. Many students, faculty, staff of NIPER-Hyderabad along with Director and registrar actively participated in the plantation under swachh bharat program.





#### **Day 6 (Thursday 6<sup>th</sup> September 2018)**

The backyard of IDPL R&D centre, Balanagar is accumulated with huge amount of garbage like plastic / glass bottles, polythene covers, used packaging waste cottons, etc. Hence, representative members of the students, faculty, and staff of NIPER-Hyd decided to clear the garbage with proper safety precautions by using gloves and masks under the swachhata pakhwada program. This garbage needs to be handed over to the respective municipal corporation (GHMC) with proper disposal and we have already made the representation to this department from NIPER-Hyd.





### Day 7 (Friday 7<sup>th</sup> September 2018)

As part of the program, this particular day we have dedicated to clean all our research laboratories such as department of medicinal chemistry (MC), pharmaceutical analysis (PA), pharmaceuticals (PE), pharmacology & regulatory toxicology (PC & RT), process chemistry (PTPC), computer labs, and library, and animal house facility. All the PhD & dissertation students and technical staff were actively involved in cleaning their respective labs and removed the spider webs, and accumulated dust on the chemical bottles, instruments, on work benches, tables, etc. We have also cleaned desk/cupboards by way of re-arranging files and removing unwanted papers / files etc. In the library, all books, journals, and magazines are made dust free and arranged in a proper manner. The hazardous materials such as solids and liquids were properly separated and stored, and then sent frequently to ETP (Effluent Treatment Plant) which is located (IDPL) in the same premises. We have ensured the removal of biomedical waste from the animal house facility and related PC & RT labs frequently by the approved agency (GJ multi-clave) as per the guidelines of common biomedical waste treatment (CBMWT) by the help of TS-PCB. To ensure the safety precautions of hazardous material like reagents, solvents, catalysts kept in the labs and maintain proper labelling.

In addition, the Director instructed to entire faculty, technical staff and students should wear aprons, shoes, gloves & safety goggles while working in the laboratory. Also should maintain and ensure the availability of fire extinguishers in and around the lab premises. To ensure the fuming hoods are in working condition, if not to be intimated to the concerned person. All obsolete items which are stacked in all the research & general labs are removed and made free of unnecessary items. All the students, staff, and faculty were instructed to switch off the lights and fans whenever they are out of the cabin/room/lab. Moreover, awareness programme was also conducted for all technical staff and students to check the normal functioning and usage of all equipments to avoid the accidents. The office and all its premises were declared as "Smoke Free Zone". We have again installed new "Garbage Bins" in all parts of the institution and administrative block including boys and girls hostels as part of this program. The training programme for utilization of "Fire Fighting Equipments" was given to all the faculty, staff and students at regular intervals of time. Regularly, we are identifying the surplus and unserviceable items and equipment in the department. Later, the surplus items were transferred to the departments requiring the same and unserviceable items disposed as per the government policy.





### Day 8 (Saturday 8<sup>th</sup> September 2018)

In continuation of the swachhata pakhwada program, all the students including few faculties were identified some of the places at both the girls and boys hostel premises where a large number of bushes/weeds aided the growing of mosquitoes and flies. Initially, we have cleared all the bushes and taken off the plastic wastage in and around the hostel premises and the cricket ground, also by doing this swachh bharaat program our students inspired many people who were travelling on the approach roads of IDPL colony. Moreover, IDPL colony students were also inspired and participated in this program along with our students and successfully cleaned those places in both the hostels including backside of the boy's hostel mess and cricket ground near to boy's hostel.



### Day 9 (Sunday 9<sup>th</sup> September 2018)

On this particular day of swachhata pakhwada program, all the boys' students and few faculties were identified some of the public places such as **traffic police station, post office, and SBI bank** of the IDPL Township where a huge amount of **plastic wastage** was accumulated. Therefore, we all together decided to remove the plastic waste in the IDPL colony. The students were actively participated and collected lot of plastic bottles, polythene covers and waste papers in and around the colony and their approach roads including the main gate of IDPL colony. During this program, many colony people were got inspired and thanked to the students for doing such a great work for the good cause.





### Day 10 (Monday 10<sup>th</sup> September 2018)

NIPER-Hyderabad students were actively participated in essay writing competition on “Swachh Bharat Abhiyan with innovative ideas”. About 33 students were participated in this competition and 3 students were shortlisted for the awards.



### Day 11 (Tuesday 11<sup>th</sup> September 2018)

As part of the program, a visit was made to the Govt. School, Qutbullapur village where the students of NIPER-Hyderabad along with the faculty members enlightened the kids of the school about SBA (Swachh Bharat Abhiyan). In this school, more than 800 under privileged and below poverty students are studying and gaining knowledge. We have gathered all the students at one place and enlightened them about Swachh Bharat program. We explained them how to segregate and discard dry and wet waste produced domestically. Many students have participated in the discussion and realized how cleanliness helps in preventing common infections. Along with school children, we took swachh bharat oath and then divided ourselves in to different groups. A group of students gathered plastic bags, plastic bottles, chocolate wrappers and other paper waste in the school premises. Another group of students removed the plant shrubs/grass bushes. All the school children have participated along with NIPER-Hyd students and faculty very actively in cleaning the school premises and the kids were very excited to carry forward this idea of SBA. The students were very interactive and had a lot of fun doing the cleaning activities. They were given awareness about the SBA, the ideas and objectives behind

SBA, what they should do to help the society flourish and come-up as a clean and healthy India by 2<sup>nd</sup> October 2020, Gandhiji's 150<sup>th</sup> birthday.





Also our students have discussed the following success stories of SBA during the last 4 years.

- **Open Defecation:** Stopping the open defecation by providing public toilets, common toilets and household toilets to control contamination of river reflected diseases by increase E. Coli form count by sewage water. Construction of 12 million toilets is major mission under this program.
- **Door to door waste collection:** The strict rules for waste segregation have to be levied. As per new rules every big organization is given whole & sole responsibility to segregate and clear the waste instead of GHMC people.
- **Waste to energy:** The waste is utilized for energy conversion because of its high calorific value. Planning to set-up plants for this purpose.
- **Waste composting:** Segregation of organic waste properly and in turn used as manure for agriculture instead of waste landfill. There should be proper line for waste and ground water. This was started only in Suryapet Town in Telangana State.
- **Vermin composting:** Earth worms are used for cleaning ground water.
- **Clean school:** Cleaning schools nationwide is one of the motives.
- **Sanitation:** Provide pathogen free and clean water either chlorinated/ ozonated/ bleached/ UV protected.

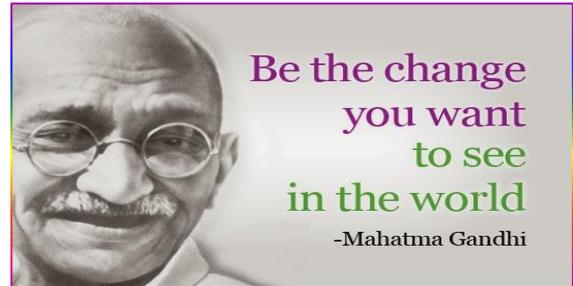
With this agenda the so far success stories of SWATCH BHARAT ABHYAN are

- **Construction and demolition waste:** Delhi
- **Nisarguna biogas:** In Mumbai city wonderfully working
- **Ecoman:** Composting waste machine run by battery eg; Goa
- **Madhya Pradesh:** Very good in waste segregation
- **Bangalore:** Developed a mobile app for waste collection and segregation

### Day 12 (Wednesday 12<sup>th</sup> September 2018)

As part of the 12<sup>th</sup> day of Swachhata Pakhwada program, a number of students were participated in the oral presentations on swachh bharat mission and what steps needs to be taken care in the present and future scenario in our country? it is individual responsibilities to make cleaner India. The NIPER-Hyd students gave an excellent presentation to NIPER family to spread awareness about SBA and to take this mission to nook and corner of the India. The presentation included a brief introduction about the inception of the Swachhta Mission initiated by the Government of India inspired by the thoughts of Mahatma Gandhi. This was followed by an understanding of the main objectives of the mission like making India free of open defecation, importance of sanitation etc. Latest updates about the progress in the mission by our nation were also presented which highlighted that we have come a long way & are close to the target set. The presentations also included importance of waste management, methods that can be adopted for it like, "**Reduce, Reuse and Recycle**" being the main motto. Students emphasized on the social responsibility that we hold towards our fellow humans, to our nation which can make a huge difference towards achieving our goal. Attention was drawn towards the different cleanliness and awareness activity undertaken by NIPER Hyderabad during these days which showed the zeal and enthusiasm that students showed during the whole stretch of the program. The presentation ended on a very high note with a very inspiring quote by Mahatma Gandhi.





After the oral presentations, we have displayed a slide show of representative photographs of the events which we have organized during this period. Later, the distribution of certificates for the winners who have actively participated in the essay writing competition, well maintained rooms in boys & girls hostels and best swachh research laboratory in the NIPER campus. Overall, the programme was a huge success because of the involvement of the entire NIPER Hyderabad family.









**Day 13 (Thursday 13<sup>th</sup> September 2018)**

In this day, NIPER-Hyderabad outsourcing person has sprayed the pesticide in the institution premises to control the mosquitoes and flies in and around the labs, garden area, etc.



#### **Day 14 (Friday 14<sup>th</sup> September 2018)**

We have compiled the entire day to day report of “**Swachhata Pakhwada**” program (1 – 14<sup>th</sup> September 2018) with complete record of photos/videos of sites before & after the cleaning drive are being maintained regularly. These pictures are being uploaded from time to time on whatsapp / facebook / twitter for circulation and awareness among the people towards the nation campaign for good cause. This entire report is uploaded in the NIPER-Hyderabad website.

#### **Day 15: (Saturday 15<sup>th</sup> September 2018) by DoP**

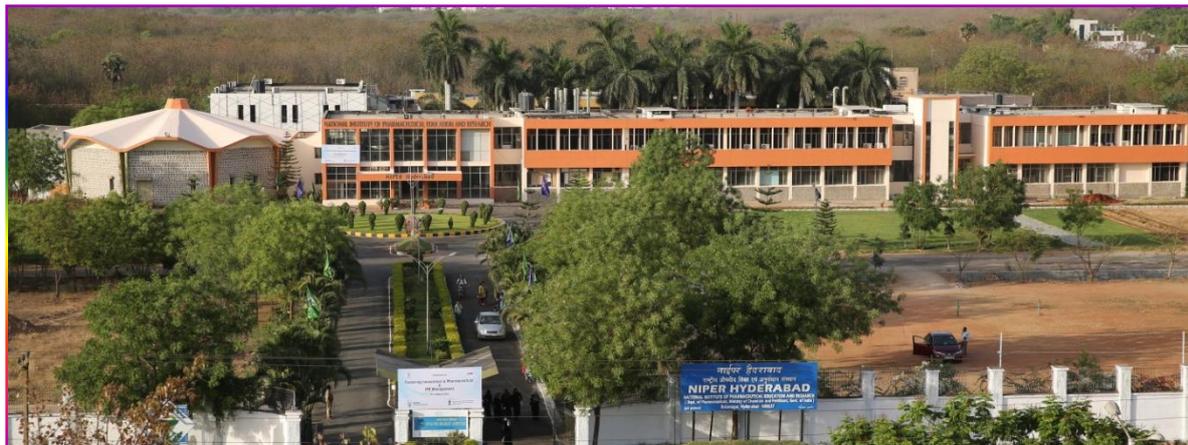
- Press conference by Hon'ble Minister (Chemicals & Fertilizers) and Hon'ble Minister of State (Chemicals & Fertilizers) / Secretary (Pharma)
- Release of Swachhata pakhwada film
- Finalization of criteria/ short-listing of applications for swahhata awards

#### **Activities of NIPER-Hyd from 2<sup>nd</sup> Oct. 2014 onwards:**

- ◆ Awareness and motivation about the importance of cleanliness to students before commencement of a lecture by faculty members
- ◆ Students are encouraged to visit nearby slums and teach them about the importance of cleanliness to residents
- ◆ To motivate all the staff and students for at least 100 hours per year volunteer service to the cause i.e. 2 hours of voluntary labour every week and inspire 100 others to do the same
- ◆ To ensure that cleanliness of all the Institution premises including garden and approach roads
- ◆ Faculty, staff, and students were made a resolution of reducing the usage of plastics and paper to the maximum extent in the institution premises
- ◆ All seminar/lecture halls are maintaining cleanliness inside and outside the halls
- ◆ In the library, all books, journals, and magazines are made dust free and arranged in a proper manner
- ◆ Cleaning desk/cupboards by way of re-arranging files and removing unwanted papers / files etc.
- ◆ Auditorium flooring was cleaned with soap water and chairs cleaned with vacuum cleaner
- ◆ All water tanks are regularly cleaned and treated with bleaching powder from time to time including hostels
- ◆ All department research labs are kept clean and wastage could be removed with proper safety precautions as per the safety guidelines

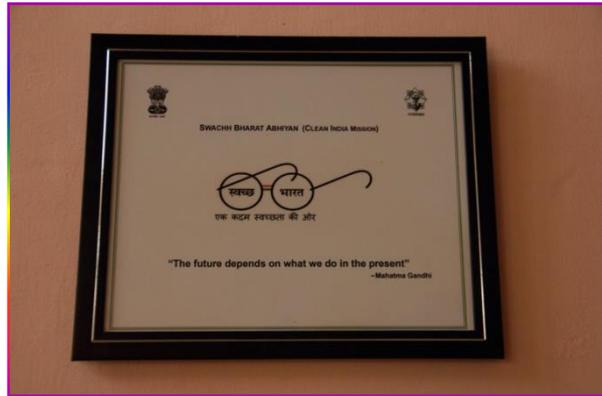
- ◆ The hazardous materials such as solids and liquids shall be properly separated and stored, and then sent frequently to ETP (Effluent Treatment Plant) which is located (IDPL) in the same premises
- ◆ To ensure the removal of biomedical wastage from the animal house and related PC & RT labs frequently by the approved agency (GJ multi-clave) as per the guidelines of TS-PCB
- ◆ The students are being asked to keep their hostels clean, which is frequently inspected by a team of faculty members from time to time
- ◆ All obsolete items which are stacked in all the research & general labs are removed and made free of unnecessary items from time to time
- ◆ To ensure the safety precautions of hazardous material like reagents, solvents, catalysts kept in the labs and maintain proper labelling
- ◆ The faculty, technical staff and students should wear aprons, shoes, gloves & safety goggles while working in the laboratory
- ◆ To maintain and ensure the availability of fire extinguishers in and around the lab premises
- ◆ To ensure the fuming hoods are in working condition, if not to be intimated to the concerned person
- ◆ All unnecessary items in the corridors removed to make them neat, clean, and aesthetic
- ◆ All the windows in seminar halls and labs were cleaned regularly
- ◆ Potted plants were provided in all corridors to give an aesthetic look and maintain them properly
- ◆ Washrooms are regularly cleaned and repaired, if necessary, also wash basins, drainage system and tiles put in hygienic condition
- ◆ Potable drinking water system is provided on all the floors including hostels under this program
- ◆ Cleaning of water coolers and repair of faulty ones, if any
- ◆ All places of the staircases cleaned properly
- ◆ All students, staff, and faculty switching-off the lights and fans whenever they are out of the cabin/room/lab
- ◆ Awareness programme is conducted to all the technical staff and students to check the normal functioning and usage of every equipment to avoid the accidents
- ◆ The office and all its premises declared as "Smoke Free Zone"
- ◆ Installation of Garbage Bins in all parts of the institution and hostels
- ◆ The training programme for utilization of "Fire Fighting Equipments" were given to all the faculty, staff and students at regular intervals of time
- ◆ Regular identification of surplus and unserviceable items and equipment in the department
- ◆ Surplus items were transferred to the departments requiring the same and unserviceable items disposed as per government policy
- ◆ Green belt was developed in the remaining open area by plantation under "Haritha Haram" program
- ◆ Planted avenue trees (300 Nos) in the front area of NIPER-Hyderabad
- ◆ Housekeeping agencies and Safai Karmacharis is included in the sanitation campaign
- ◆ Logo of "Swachh Bharat Mission" displayed at all premises at strategic points
- ◆ The cleanest section in the institute will be given an appreciation certificate/award for maintaining cleanliness of a specific Division/Section for the year

## Aesthetic Glance @ NIPER-Hyderabad Campus with Green & Clean









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